



XP16

EXPANDED RATING TABLES

PRODUCT SPECIFICATIONS

April 2012
Supersedes December 2011
Bulletin No. 210463R



For any expanded ratings not shown, please contact the Lennox Technical Support Department.

NOTE - Due to Lennox' ongoing commitment to quality, Ratings are subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury. Installation and service must be performed by a qualified installer and servicing agency.

XP16-024-230-05 - CBX26UH-024 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	655	18.8	0.87	0.8	0.95	1	17.7	1.03	0.82	0.98	1	16.6	1.2	0.85	1	1	15.6	1.38	0.89	1	1				
	655	18.8	0.87	0.8	0.95	1	17.7	1.03	0.82	0.98	1	16.6	1.2	0.85	1	1	15.6	1.38	0.89	1	1				
	840	20	0.87	0.86	1	1	19.1	1.03	0.9	1	1	18	1.2	0.93	1	1	16.8	1.38	0.98	1	1				
67°F	655	20.2	0.87	0.62	0.77	0.91	19	1.03	0.63	0.79	0.95	17.7	1.2	0.65	0.82	0.98	16.4	1.38	0.67	0.86	1				
	655	20.2	0.87	0.62	0.77	0.91	19	1.03	0.63	0.79	0.95	17.7	1.2	0.65	0.82	0.98	16.4	1.38	0.67	0.86	1				
	840	21.2	0.88	0.66	0.83	1	20	1.03	0.68	0.87	1	18.6	1.2	0.7	0.91	1	17.1	1.38	0.73	0.95	1				
71°F	655	21.6	0.88	0.46	0.6	0.74	20.2	1.03	0.46	0.62	0.76	19	1.2	0.47	0.63	0.79	17.6	1.38	0.48	0.66	0.83				
	655	21.6	0.88	0.46	0.6	0.74	20.2	1.03	0.46	0.62	0.76	19	1.2	0.47	0.63	0.79	17.6	1.38	0.48	0.66	0.83				
	840	22.6	0.88	0.48	0.64	0.81	21.4	1.03	0.48	0.67	0.84	19.9	1.2	0.49	0.69	0.88	18.4	1.38	0.5	0.72	0.92				

XP16-024-230-05 - CBX26UH-024 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	610	23.4	1.49	0.72	0.84	0.96	22.2	1.69	0.74	0.87	0.99	20.8	1.91	0.75	0.9	1	19.3	2.17	0.78	0.93	1				
	840	25.4	1.51	0.78	0.94	1	24	1.71	0.81	0.97	1	22.4	1.93	0.83	1	1	21.2	2.19	0.87	1	1				
	960	26.2	1.51	0.82	0.98	1	24.6	1.71	0.84	1	1	23.4	1.94	0.87	1	1	21.8	2.2	0.91	1	1				
67°F	610	25	1.5	0.57	0.69	0.81	23.8	1.7	0.58	0.71	0.83	22.2	1.93	0.59	0.73	0.86	20.8	2.18	0.61	0.75	0.89				
	840	27	1.52	0.61	0.76	0.9	25.6	1.72	0.63	0.78	0.93	24	1.95	0.64	0.81	0.97	22.2	2.2	0.66	0.84	1				
	960	27.8	1.53	0.63	0.79	0.94	26.2	1.73	0.65	0.82	0.98	24.6	1.96	0.67	0.85	1	22.8	2.21	0.69	0.89	1				
71°F	610	26.6	1.52	0.44	0.56	0.67	25.2	1.72	0.44	0.57	0.68	23.8	1.95	0.44	0.58	0.7	22.2	2.21	0.45	0.59	0.73				
	840	28.6	1.54	0.46	0.6	0.73	27.2	1.74	0.46	0.61	0.75	25.4	1.97	0.47	0.63	0.78	23.6	2.23	0.48	0.65	0.81				
	960	29.2	1.55	0.47	0.62	0.76	27.8	1.75	0.47	0.63	0.79	26.2	1.98	0.48	0.65	0.82	24.2	2.24	0.49	0.68	0.86				

XP16-024-230-05 - CBX26UH-024 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
655	21.2	1.46	19.9	1.45	18.5	1.44	17.1	1.43
655	21.2	1.46	19.9	1.45	18.5	1.44	17.1	1.43
840	21.7	1.37	20.3	1.36	18.9	1.36	17.5	1.35

XP16-024-230-05 - CBX26UH-024 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
609	27.8	2.14	21.7	1.96	15.2	1.78	11	1.58	5.3	1.2
840	28.5	1.98	22.4	1.8	15.9	1.62	11.7	1.42	6	1.04
958	28.7	1.93	22.6	1.75	16.1	1.57	11.9	1.37	6.2	0.99

XP16-024-230-05 - CBX26UH-024

HEATING PERFORMANCE at 840 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.98	28.5
60	1.94	27.1
55	1.89	25.7
50	1.85	24.3
47	1.83	23.5
45	1.8	22.4
40	1.74	19.6
35	1.68	16.9
30	1.65	16.4
25	1.62	15.9
20	1.59	15.4
17	1.57	15.1
15	1.56	14.5
10	1.51	13.1
5	1.42	11.7
0	1.32	10.3
-5	1.23	8.8
-10	1.13	7.4
-15	1.04	6
-20	0.94	4.5

XP16-024-230-05 - CBX27UH-024 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	560	18.3	0.87	0.76	0.91	1	17.2	1.03	0.78	0.94	1	16.1	1.2	0.81	0.98	1	14.9	1.38	0.84	1	1
	560	18.3	0.87	0.76	0.91	1	17.2	1.03	0.78	0.94	1	16.1	1.2	0.81	0.98	1	14.9	1.38	0.84	1	1
	605	18.6	0.87	0.78	0.94	1	17.6	1.03	0.8	0.97	1	16.4	1.2	0.83	1	1	15.3	1.38	0.87	1	1
67°F	560	19.6	0.87	0.6	0.74	0.87	18.4	1.03	0.61	0.76	0.9	17.2	1.2	0.62	0.78	0.94	15.9	1.38	0.64	0.81	0.98
	560	19.6	0.87	0.6	0.74	0.87	18.4	1.03	0.61	0.76	0.9	17.2	1.2	0.62	0.78	0.94	15.9	1.38	0.64	0.81	0.98
	605	19.9	0.87	0.61	0.75	0.9	18.8	1.03	0.62	0.78	0.93	17.5	1.2	0.64	0.8	0.97	16.2	1.38	0.66	0.84	1
71°F	560	20.8	0.87	0.45	0.58	0.71	19.6	1.03	0.45	0.59	0.73	18.3	1.2	0.46	0.61	0.75	17	1.38	0.47	0.63	0.78
	560	20.8	0.87	0.45	0.58	0.71	19.6	1.03	0.45	0.59	0.73	18.3	1.2	0.46	0.61	0.75	17	1.38	0.47	0.63	0.78
	605	21.2	0.88	0.45	0.59	0.73	20	1.03	0.46	0.61	0.75	18.6	1.2	0.46	0.62	0.78	17.3	1.38	0.47	0.64	0.81

XP16-024-230-05 - CBX27UH-024 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	670	24.2	1.5	0.74	0.88	1	22.8	1.69	0.76	0.9	1	21.4	1.92	0.78	0.94	1	19.8	2.17	0.81	0.97	1
	800	25.2	1.51	0.78	0.93	1	23.8	1.7	0.8	0.96	1	22.2	1.93	0.83	0.99	1	20.8	2.18	0.86	1	1
	930	26	1.51	0.82	0.98	1	24.6	1.71	0.84	1	1	23.2	1.94	0.88	1	1	21.6	2.2	0.91	1	1
67°F	670	25.8	1.51	0.59	0.71	0.84	24.4	1.71	0.59	0.73	0.87	22.8	1.94	0.61	0.75	0.9	21.2	2.19	0.62	0.78	0.94
	800	26.8	1.52	0.61	0.75	0.9	25.4	1.72	0.62	0.78	0.93	23.6	1.94	0.64	0.8	0.96	22	2.2	0.66	0.84	0.99
	930	27.6	1.53	0.63	0.79	0.95	26	1.73	0.65	0.82	0.98	24.2	1.96	0.66	0.85	1	22.4	2.21	0.69	0.89	1
71°F	670	27.2	1.52	0.44	0.57	0.69	25.8	1.72	0.45	0.58	0.71	24.2	1.96	0.45	0.59	0.73	22.4	2.21	0.46	0.61	0.75
	800	28.4	1.54	0.45	0.59	0.73	26.8	1.74	0.46	0.61	0.75	25.2	1.97	0.46	0.62	0.78	23.2	2.22	0.47	0.64	0.81
	930	29.2	1.55	0.46	0.62	0.77	27.6	1.75	0.47	0.63	0.79	25.8	1.98	0.48	0.65	0.82	23.8	2.23	0.49	0.68	0.86

XP16-024-230-05 - CBX27UH-024 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
560	19.2	1.21	18.1	1.19	17	1.17	15.9	1.15
560	19.2	1.21	18.1	1.19	17	1.17	15.9	1.15
605	19.2	1.18	18.1	1.16	17	1.14	15.9	1.12

XP16-024-230-05 - CBX27UH-024 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
670	26	1.79	20.2	1.63	14	1.47	10.4	1.32	4.7	0.99
800	27.1	1.71	21.3	1.56	15.1	1.4	11.5	1.25	5.8	0.91
930	27	1.66	21.2	1.51	15	1.34	11.4	1.2	5.8	0.86

XP16-024-230-05 - CBX27UH-024

HEATING PERFORMANCE at 800 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.71	27.1
60	1.68	25.8
55	1.64	24.5
50	1.61	23.2
47	1.59	22.5
45	1.56	21.3
40	1.49	18.4
35	1.42	15.6
30	1.41	15.3
25	1.4	15.1
20	1.39	14.9
17	1.38	14.7
15	1.37	14.2
10	1.33	12.9
5	1.25	11.5
0	1.16	10.1
-5	1.08	8.7
-10	1	7.3
-15	0.91	5.8
-20	0.83	4.4

XP16-024-230-05 - CBX27UH-030 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	540	18.2	0.87	0.76	0.9	1	17.1	1.03	0.78	0.93	1	16	1.2	0.8	0.97	1	14.8	1.38	0.83	1	1				
	725	19.5	0.87	0.83	1	1	18.5	1.03	0.86	1	1	17.4	1.2	0.89	1	1	16.2	1.38	0.94	1	1				
	985	21.4	0.88	0.94	1	1	20.2	1.03	0.97	1	1	18.9	1.2	1	1	1	17.6	1.38	1	1	1				
67°F	540	19.5	0.87	0.59	0.73	0.86	18.4	1.03	0.6	0.75	0.89	17.1	1.19	0.62	0.77	0.92	15.8	1.38	0.64	0.8	0.97				
	725	20.8	0.87	0.64	0.81	0.97	19.6	1.03	0.65	0.83	0.99	18.2	1.2	0.67	0.87	1	16.7	1.38	0.7	0.91	1				
	985	22	0.88	0.7	0.91	1	20.6	1.03	0.72	0.95	1	19.1	1.2	0.75	0.98	1	17.7	1.38	0.78	1	1				
71°F	540	20.8	0.87	0.45	0.58	0.7	19.5	1.03	0.45	0.59	0.72	18.2	1.2	0.46	0.6	0.75	16.9	1.38	0.46	0.62	0.78				
	725	22.2	0.88	0.47	0.62	0.78	20.8	1.03	0.47	0.64	0.8	19.4	1.2	0.48	0.66	0.84	17.9	1.38	0.49	0.69	0.88				
	985	23.4	0.88	0.5	0.69	0.88	22	1.03	0.5	0.71	0.92	20.4	1.2	0.51	0.74	0.96	18.8	1.38	0.53	0.78	1				

XP16-024-230-05 - CBX27UH-030 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	605	23.8	1.53	0.72	0.85	0.97	22.4	1.73	0.74	0.87	1	21	1.97	0.76	0.9	1	19.4	2.24	0.78	0.94	1				
	800	25.4	1.54	0.78	0.93	1	24	1.75	0.8	0.97	1	22.4	1.98	0.83	0.99	1	20.8	2.25	0.86	1	1				
	985	26.6	1.55	0.84	1	1	25.2	1.75	0.86	1	1	23.8	1.99	0.9	1	1	22.2	2.26	0.94	1	1				
67°F	605	25.4	1.53	0.57	0.69	0.81	23.8	1.74	0.58	0.71	0.84	22.4	1.98	0.59	0.73	0.87	20.8	2.25	0.61	0.76	0.9				
	800	27.2	1.55	0.61	0.75	0.9	25.6	1.75	0.62	0.77	0.93	23.8	1.99	0.64	0.8	0.96	22	2.25	0.66	0.84	1				
	985	28.2	1.55	0.64	0.81	0.97	26.6	1.76	0.66	0.84	0.99	24.8	2	0.68	0.87	1	22.8	2.26	0.7	0.91	1				
71°F	605	26.8	1.54	0.44	0.56	0.67	25.4	1.75	0.44	0.57	0.68	23.8	1.99	0.45	0.58	0.7	22	2.25	0.45	0.59	0.73				
	800	28.6	1.56	0.45	0.59	0.73	27.2	1.77	0.46	0.61	0.75	25.4	2	0.46	0.62	0.77	23.6	2.27	0.47	0.64	0.81				
	985	29.8	1.57	0.47	0.63	0.79	28.2	1.78	0.47	0.65	0.81	26.4	2.02	0.48	0.67	0.84	24.4	2.28	0.49	0.69	0.88				

XP16-024-230-05 - CBX27UH-030 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
540	19.5	1.26	18.2	1.25	16.9	1.24	15.7	1.23
725	20	1.14	18.7	1.13	17.4	1.12	16.1	1.11
985	20.6	1.06	19.4	1.05	18.1	1.04	16.8	1.03

XP16-024-230-05 - CBX27UH-030 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
605	26.3	1.94	20.3	1.76	13.9	1.57	10.1	1.39	5	1.06
800	26.6	1.8	20.7	1.62	14.3	1.43	10.5	1.25	5.4	0.92
985	27.3	1.73	21.3	1.55	14.9	1.36	11.2	1.18	6	0.85

XP16-024-230-05 - CBX27UH-030

HEATING PERFORMANCE at 800 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.8	26.6
60	1.76	25.3
55	1.71	23.9
50	1.67	22.6
47	1.65	21.8
45	1.62	20.7
40	1.55	17.9
35	1.48	15.1
30	1.45	14.7
25	1.43	14.3
20	1.41	13.9
17	1.39	13.7
15	1.37	13.1
10	1.33	11.8
5	1.25	10.5
0	1.17	9.2
-5	1.08	7.9
-10	1	6.7
-15	0.92	5.4
-20	0.84	4.1

XP16-024-230-05 - CBX32MV-024/030 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	490	17.7	0.87	0.74	0.87	0.99	16.7	1.02	0.75	0.9	1	15.6	1.2	0.78	0.93	1	14.4	1.38	0.81	0.97	1				
	600	18.6	0.87	0.78	0.94	1	17.5	1.03	0.8	0.96	1	16.3	1.2	0.83	1	1	15.2	1.38	0.87	1	1				
	615	18.7	0.87	0.79	0.94	1	17.6	1.03	0.81	0.97	1	16.4	1.2	0.84	1	1	15.4	1.38	0.87	1	1				
67°F	490	18.9	0.87	0.58	0.71	0.83	17.9	1.03	0.59	0.72	0.86	16.7	1.2	0.6	0.75	0.89	15.4	1.38	0.62	0.78	0.93				
	600	19.9	0.87	0.61	0.75	0.9	18.7	1.03	0.62	0.77	0.93	17.5	1.2	0.64	0.8	0.96	16.1	1.38	0.66	0.84	1				
	615	20	0.87	0.61	0.76	0.9	18.8	1.03	0.62	0.78	0.93	17.5	1.2	0.64	0.81	0.97	16.2	1.38	0.66	0.84	1				
71°F	490	20.2	0.87	0.44	0.56	0.68	19	1.03	0.45	0.57	0.7	17.8	1.2	0.45	0.59	0.72	16.5	1.38	0.46	0.6	0.75				
	600	21.2	0.88	0.45	0.59	0.73	19.9	1.03	0.46	0.6	0.75	18.6	1.2	0.46	0.62	0.77	17.2	1.38	0.47	0.64	0.81				
	615	21.2	0.88	0.45	0.59	0.73	20	1.03	0.46	0.61	0.75	18.7	1.2	0.47	0.63	0.78	17.3	1.38	0.47	0.65	0.82				

XP16-024-230-05 - CBX32MV-024/030 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	720	24.6	1.5	0.76	0.9	1	23.2	1.7	0.77	0.93	1	21.8	1.92	0.8	0.96	1	20.2	2.18	0.83	0.99	1				
	810	25.4	1.51	0.78	0.94	1	23.8	1.7	0.8	0.97	1	22.4	1.93	0.83	0.99	1	20.8	2.18	0.87	1	1				
	900	25.8	1.51	0.81	0.97	1	24.4	1.71	0.83	1	1	23	1.94	0.86	1	1	21.4	2.19	0.9	1	1				
67°F	720	26.2	1.51	0.59	0.73	0.86	24.8	1.71	0.6	0.75	0.89	23.2	1.94	0.62	0.77	0.92	21.4	2.2	0.64	0.8	0.96				
	810	27	1.52	0.61	0.76	0.9	25.4	1.72	0.62	0.78	0.93	23.6	1.94	0.64	0.81	0.97	22	2.2	0.66	0.84	1				
	900	27.4	1.53	0.63	0.79	0.94	26	1.73	0.64	0.81	0.97	24.2	1.95	0.66	0.84	1	22.4	2.21	0.68	0.88	1				
71°F	720	27.6	1.53	0.45	0.58	0.7	26.2	1.73	0.45	0.59	0.72	24.6	1.96	0.46	0.6	0.75	22.8	2.21	0.46	0.62	0.78				
	810	28.4	1.54	0.45	0.6	0.73	26.8	1.74	0.46	0.61	0.75	25.2	1.97	0.47	0.62	0.78	23.4	2.22	0.47	0.65	0.81				
	900	29	1.54	0.46	0.61	0.76	27.4	1.75	0.47	0.63	0.78	25.6	1.98	0.47	0.65	0.81	23.8	2.23	0.48	0.67	0.85				

XP16-024-230-05 - CBX32MV-024/030 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
490	18.9	1.28	17.8	1.26	16.7	1.24	15.6	1.23
600	19.2	1.18	18.1	1.16	17	1.15	15.9	1.13
615	19.4	1.17	18.2	1.15	17.1	1.14	16	1.12

XP16-024-230-05 - CBX32MV-024/030 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
720	26.4	1.75	20.6	1.6	14.4	1.44	10.8	1.3	5.4	0.96
810	26.7	1.7	20.9	1.55	14.7	1.39	11.1	1.25	5.6	0.91
900	27	1.67	21.2	1.52	15	1.36	11.4	1.21	6	0.87

XP16-024-230-05 - CBX32MV-024/030

HEATING PERFORMANCE at 810 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.7	26.7
60	1.67	25.4
55	1.64	24.1
50	1.6	22.8
47	1.58	22
45	1.55	20.9
40	1.48	18
35	1.41	15.2
30	1.4	14.9
25	1.39	14.7
20	1.38	14.4
17	1.38	14.2
15	1.36	13.7
10	1.33	12.4
5	1.25	11.1
0	1.16	9.7
-5	1.08	8.3
-10	0.99	7
-15	0.91	5.6
-20	0.83	4.3

XP16-024-230-05 - CBX32MV-036 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	645	19	0.87	0.8	0.96	1	17.9	1.03	0.82	0.99	1	16.8	1.19	0.85	1	1	15.7	1.38	0.89	1	1				
	645	19	0.87	0.8	0.96	1	17.9	1.03	0.82	0.99	1	16.8	1.19	0.85	1	1	15.7	1.38	0.89	1	1				
	710	19.4	0.87	0.83	0.99	1	18.4	1.03	0.85	1	1	17.3	1.2	0.89	1	1	16.2	1.38	0.93	1	1				
67°F	645	20.4	0.87	0.62	0.77	0.92	19.1	1.03	0.63	0.8	0.95	17.8	1.2	0.65	0.83	0.99	16.4	1.38	0.67	0.86	1				
	645	20.4	0.87	0.62	0.77	0.92	19.1	1.03	0.63	0.8	0.95	17.8	1.2	0.65	0.83	0.99	16.4	1.38	0.67	0.86	1				
	710	20.8	0.87	0.63	0.8	0.96	19.5	1.03	0.65	0.82	0.99	18.1	1.2	0.67	0.86	1	16.7	1.38	0.69	0.9	1				
71°F	645	21.6	0.88	0.46	0.6	0.74	20.4	1.03	0.46	0.62	0.77	19	1.2	0.47	0.64	0.8	17.5	1.38	0.48	0.66	0.83				
	645	21.6	0.88	0.46	0.6	0.74	20.4	1.03	0.46	0.62	0.77	19	1.2	0.47	0.64	0.8	17.5	1.38	0.48	0.66	0.83				
	710	22	0.88	0.46	0.62	0.77	20.8	1.03	0.47	0.64	0.8	19.3	1.2	0.48	0.66	0.83	17.9	1.38	0.49	0.68	0.87				

XP16-024-230-05 - CBX32MV-036 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	900	26.2	1.54	0.81	0.97	1	24.6	1.75	0.84	1	1	23.2	1.99	0.87	1	1	21.6	2.25	0.91	1	1				
	900	26.2	1.54	0.81	0.97	1	24.6	1.75	0.84	1	1	23.2	1.99	0.87	1	1	21.6	2.25	0.91	1	1				
	1000	26.8	1.55	0.84	1	1	25.4	1.75	0.87	1	1	23.8	1.99	0.9	1	1	22.2	2.26	0.95	1	1				
67°F	900	27.8	1.55	0.62	0.78	0.94	26.2	1.76	0.64	0.81	0.97	24.4	2	0.66	0.84	1	22.4	2.26	0.68	0.88	1				
	900	27.8	1.55	0.62	0.78	0.94	26.2	1.76	0.64	0.81	0.97	24.4	2	0.66	0.84	1	22.4	2.26	0.68	0.88	1				
	1000	28.2	1.55	0.65	0.82	0.97	26.6	1.76	0.66	0.84	1	24.8	2	0.68	0.88	1	22.8	2.27	0.71	0.92	1				
71°F	900	29.4	1.57	0.46	0.61	0.76	27.8	1.77	0.47	0.63	0.78	26	2.01	0.47	0.65	0.81	24	2.28	0.48	0.67	0.85				
	900	29.4	1.57	0.46	0.61	0.76	27.8	1.77	0.47	0.63	0.78	26	2.01	0.47	0.65	0.81	24	2.28	0.48	0.67	0.85				
	1000	30	1.57	0.47	0.63	0.79	28.2	1.78	0.48	0.65	0.82	26.4	2.02	0.48	0.67	0.85	24.4	2.28	0.49	0.69	0.89				

XP16-024-230-05 - CBX32MV-036 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
645	19.7	1.18	18.5	1.17	17.2	1.15	16	1.14
645	19.7	1.18	18.5	1.17	17.2	1.15	16	1.14
710	19.9	1.15	18.7	1.13	17.4	1.12	16.2	1.1

XP16-024-230-05 - CBX32MV-036 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
900	27.2	1.75	21.1	1.58	14.6	1.4	10.8	1.23	5.5	0.9
900	27.2	1.75	21.1	1.58	14.6	1.4	10.8	1.23	5.5	0.9
1000	27.4	1.72	21.3	1.54	14.8	1.36	11	1.19	5.7	0.87

XP16-024-230-05 - CBX32MV-036

HEATING PERFORMANCE at 900 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.75	27.2
60	1.71	25.8
55	1.67	24.4
50	1.63	23.1
47	1.61	22.2
45	1.58	21.1
40	1.51	18.2
35	1.43	15.4
30	1.42	15
25	1.4	14.6
20	1.38	14.2
17	1.37	14
15	1.35	13.4
10	1.31	12.1
5	1.23	10.8
0	1.15	9.5
-5	1.07	8.1
-10	0.99	6.8
-15	0.9	5.5
-20	0.82	4.2

XP16-024-230-05 - CBX40UHV-024 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F					
63°F	485	17.7	0.87	0.74	0.87	0.99	16.7	1.02	0.75	0.9	1	15.6	1.19	0.78	0.93	1	14.4	1.38	0.8	0.97	1				
	580	18.5	0.87	0.77	0.92	1	17.4	1.03	0.79	0.96	1	16.3	1.2	0.82	0.99	1	15.1	1.38	0.86	1	1				
	625	18.9	0.87	0.79	0.95	1	17.8	1.03	0.82	0.98	1	16.6	1.2	0.84	1	1	15.6	1.38	0.88	1	1				
67°F	485	18.9	0.87	0.58	0.71	0.83	17.9	1.03	0.59	0.72	0.86	16.7	1.2	0.6	0.75	0.89	15.4	1.38	0.62	0.78	0.93				
	580	19.8	0.87	0.6	0.74	0.89	18.7	1.03	0.61	0.77	0.91	17.4	1.2	0.63	0.79	0.95	16.1	1.38	0.65	0.83	0.99				
	625	20.2	0.87	0.61	0.76	0.91	19	1.03	0.63	0.79	0.94	17.7	1.2	0.64	0.82	0.98	16.3	1.38	0.67	0.85	1				
71°F	485	20.2	0.87	0.44	0.56	0.68	19	1.03	0.44	0.57	0.7	17.8	1.2	0.45	0.59	0.72	16.5	1.38	0.46	0.6	0.75				
	580	21	0.88	0.45	0.59	0.72	19.9	1.03	0.45	0.6	0.74	18.5	1.2	0.46	0.62	0.76	17.1	1.38	0.47	0.64	0.8				
	625	21.4	0.88	0.45	0.6	0.74	20.2	1.03	0.46	0.61	0.76	18.9	1.2	0.47	0.63	0.79	17.4	1.38	0.48	0.65	0.82				

XP16-024-230-05 - CBX40UHV-024 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F					
63°F	690	24.6	1.53	0.75	0.89	1	23.2	1.74	0.77	0.92	1	21.6	1.98	0.79	0.95	1	20	2.24	0.82	0.98	1				
	825	25.6	1.54	0.79	0.94	1	24	1.75	0.81	0.98	1	22.6	1.98	0.84	1	1	21	2.25	0.87	1	1				
	900	26.2	1.54	0.81	0.97	1	24.6	1.75	0.84	1	1	23.2	1.99	0.87	1	1	21.6	2.25	0.91	1	1				
67°F	690	26.2	1.54	0.59	0.72	0.85	24.8	1.75	0.6	0.74	0.88	23.2	1.99	0.61	0.76	0.91	21.4	2.26	0.63	0.79	0.95				
	825	27.2	1.55	0.61	0.76	0.91	25.8	1.75	0.63	0.78	0.94	24	1.99	0.64	0.81	0.97	22.2	2.26	0.66	0.85	1				
	900	27.8	1.55	0.62	0.78	0.94	26.2	1.76	0.64	0.81	0.97	24.4	2	0.66	0.84	1	22.4	2.26	0.68	0.88	1				
71°F	690	27.8	1.55	0.44	0.57	0.69	26.2	1.75	0.45	0.58	0.71	24.6	2	0.45	0.6	0.73	22.8	2.27	0.46	0.61	0.76				
	825	28.8	1.56	0.45	0.6	0.74	27.2	1.77	0.46	0.61	0.76	25.6	2	0.47	0.63	0.78	23.6	2.27	0.48	0.65	0.82				
	900	29.4	1.57	0.46	0.61	0.76	27.8	1.77	0.47	0.63	0.78	26	2.01	0.47	0.65	0.81	24	2.28	0.48	0.67	0.85				

XP16-024-230-05 - CBX40UHV-024 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
487	19	1.32	17.8	1.3	16.6	1.28	15.5	1.26
580	19.4	1.24	18.2	1.22	17	1.2	15.9	1.18
627	19.7	1.2	18.5	1.18	17.4	1.16	16.2	1.14

XP16-024-230-05 - CBX40UHV-024 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
690	26.6	1.87	20.6	1.69	14.1	1.5	10.3	1.32	5.1	1
825	27	1.79	20.9	1.61	14.5	1.42	10.6	1.24	5.5	0.91
900	27.1	1.76	21.1	1.58	14.6	1.39	10.8	1.22	5.6	0.89

XP16-024-230-05 - CBX40UHV-024

HEATING PERFORMANCE at 825 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.79	27
60	1.75	25.6
55	1.7	24.2
50	1.66	22.9
47	1.64	22.1
45	1.61	20.9
40	1.54	18.1
35	1.47	15.2
30	1.44	14.8
25	1.42	14.5
20	1.4	14.1
17	1.39	13.9
15	1.37	13.3
10	1.33	11.9
5	1.24	10.6
0	1.16	9.3
-5	1.08	8.1
-10	1	6.8
-15	0.91	5.5
-20	0.83	4.2

XP16-024-230-05 - CBX40UHV-030 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	480	17.6	0.87	0.73	0.87	0.99	16.6	1.03	0.75	0.89	1	15.5	1.19	0.77	0.92	1	14.3	1.38	0.8	0.96	1				
	545	18.3	0.87	0.76	0.91	1	17.2	1.03	0.78	0.93	1	16	1.2	0.8	0.97	1	14.8	1.38	0.84	1	1				
	625	18.9	0.87	0.79	0.95	1	17.7	1.03	0.81	0.98	1	16.6	1.2	0.84	1	1	15.5	1.38	0.88	1	1				
67°F	480	18.9	0.87	0.58	0.7	0.83	17.8	1.03	0.59	0.72	0.85	16.6	1.19	0.6	0.74	0.88	15.4	1.38	0.62	0.77	0.92				
	545	19.5	0.87	0.59	0.73	0.86	18.4	1.03	0.61	0.75	0.89	17.1	1.2	0.62	0.78	0.93	15.8	1.38	0.64	0.81	0.97				
	625	20.2	0.87	0.61	0.76	0.91	19	1.03	0.63	0.79	0.94	17.7	1.2	0.64	0.82	0.98	16.3	1.38	0.67	0.85	1				
71°F	480	20	0.87	0.44	0.56	0.68	18.9	1.03	0.44	0.57	0.69	17.7	1.2	0.45	0.58	0.71	16.4	1.38	0.46	0.6	0.74				
	545	20.8	0.87	0.45	0.58	0.7	19.5	1.03	0.45	0.59	0.72	18.3	1.2	0.46	0.6	0.75	16.9	1.38	0.46	0.62	0.78				
	625	21.4	0.88	0.45	0.6	0.74	20.2	1.03	0.46	0.61	0.76	18.8	1.2	0.47	0.63	0.79	17.4	1.38	0.48	0.65	0.82				

XP16-024-230-05 - CBX40UHV-030 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	720	24.8	1.53	0.76	0.9	1	23.4	1.74	0.78	0.93	1	21.8	1.97	0.8	0.96	1	20.2	2.24	0.83	1	1				
	800	25.4	1.54	0.78	0.93	1	24	1.75	0.8	0.97	1	22.4	1.98	0.83	0.99	1	20.8	2.25	0.86	1	1				
	900	26.2	1.54	0.81	0.97	1	24.6	1.75	0.84	1	1	23.2	1.99	0.87	1	1	21.6	2.25	0.91	1	1				
67°F	720	26.4	1.54	0.59	0.73	0.86	25	1.75	0.6	0.75	0.89	23.4	1.98	0.62	0.77	0.92	21.6	2.26	0.64	0.8	0.97				
	800	27.2	1.55	0.61	0.75	0.9	25.6	1.75	0.62	0.77	0.93	23.8	1.99	0.64	0.8	0.96	22	2.25	0.66	0.84	1				
	900	27.8	1.55	0.62	0.78	0.94	26.2	1.76	0.64	0.81	0.97	24.4	2	0.66	0.84	1	22.4	2.26	0.68	0.88	1				
71°F	720	28	1.55	0.45	0.58	0.7	26.4	1.76	0.45	0.59	0.72	24.8	2	0.46	0.6	0.75	23	2.26	0.46	0.62	0.78				
	800	28.6	1.56	0.45	0.59	0.73	27.2	1.77	0.46	0.61	0.75	25.4	2	0.46	0.62	0.77	23.6	2.27	0.47	0.64	0.81				
	900	29.4	1.57	0.46	0.61	0.76	27.8	1.77	0.47	0.63	0.78	26	2.01	0.47	0.65	0.81	24	2.28	0.48	0.67	0.85				

XP16-024-230-05 - CBX40UHV-030 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
480	19	1.33	17.8	1.31	16.6	1.29	15.4	1.27
545	19.4	1.26	18.2	1.24	17	1.22	15.8	1.2
625	19.7	1.2	18.5	1.19	17.3	1.17	16.1	1.15

XP16-024-230-05 - CBX40UHV-030 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
720	26.5	1.84	20.5	1.66	14.1	1.47	10.4	1.29	5.2	0.96
800	26.8	1.8	20.8	1.62	14.4	1.43	10.6	1.25	5.4	0.92
900	27.1	1.76	21.1	1.58	14.8	1.39	11	1.21	5.8	0.88

XP16-024-230-05 - CBX40UHV-030

HEATING PERFORMANCE at 800 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.8	26.8
60	1.76	25.4
55	1.71	24.1
50	1.67	22.7
47	1.65	21.9
45	1.62	20.8
40	1.55	18
35	1.48	15.2
30	1.45	14.8
25	1.43	14.4
20	1.41	14
17	1.39	13.8
15	1.37	13.3
10	1.33	11.9
5	1.25	10.6
0	1.17	9.3
-5	1.08	8
-10	1	6.7
-15	0.92	5.4
-20	0.84	4.1

XP16-024-230-05 - CBX40UHV-036 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	565	18.4	0.87	0.77	0.92	1	17.3	1.03	0.79	0.95	1	16.2	1.2	0.81	0.98	1	15	1.38	0.85	1	1				
	565	18.4	0.87	0.77	0.92	1	17.3	1.03	0.79	0.95	1	16.2	1.2	0.81	0.98	1	15	1.38	0.85	1	1				
	640	19	0.87	0.8	0.96	1	17.8	1.03	0.82	0.99	1	16.7	1.19	0.85	1	1	15.7	1.38	0.89	1	1				
67°F	565	19.7	0.87	0.6	0.74	0.88	18.6	1.03	0.61	0.76	0.91	17.3	1.2	0.63	0.79	0.94	16	1.38	0.65	0.82	0.98				
	565	19.7	0.87	0.6	0.74	0.88	18.6	1.03	0.61	0.76	0.91	17.3	1.2	0.63	0.79	0.94	16	1.38	0.65	0.82	0.98				
	640	20.2	0.87	0.62	0.77	0.92	19.1	1.03	0.63	0.79	0.95	17.8	1.2	0.65	0.82	0.99	16.4	1.38	0.67	0.86	1				
71°F	565	21	0.88	0.45	0.58	0.71	19.7	1.03	0.45	0.59	0.73	18.4	1.2	0.46	0.61	0.76	17.1	1.38	0.47	0.63	0.79				
	565	21	0.88	0.45	0.58	0.71	19.7	1.03	0.45	0.59	0.73	18.4	1.2	0.46	0.61	0.76	17.1	1.38	0.47	0.63	0.79				
	640	21.6	0.88	0.46	0.6	0.74	20.4	1.03	0.46	0.62	0.77	18.9	1.2	0.47	0.63	0.8	17.5	1.38	0.48	0.66	0.83				

XP16-024-230-05 - CBX40UHV-036 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	900	26.2	1.54	0.81	0.97	1	24.6	1.75	0.84	1	1	23.2	1.99	0.87	1	1	21.6	2.25	0.91	1	1				
	900	26.2	1.54	0.81	0.97	1	24.6	1.75	0.84	1	1	23.2	1.99	0.87	1	1	21.6	2.25	0.91	1	1				
	1000	26.8	1.55	0.84	1	1	25.4	1.75	0.87	1	1	23.8	1.99	0.9	1	1	22.2	2.26	0.95	1	1				
67°F	900	27.8	1.55	0.62	0.78	0.94	26.2	1.76	0.64	0.81	0.97	24.4	2	0.66	0.84	1	22.4	2.26	0.68	0.88	1				
	900	27.8	1.55	0.62	0.78	0.94	26.2	1.76	0.64	0.81	0.97	24.4	2	0.66	0.84	1	22.4	2.26	0.68	0.88	1				
	1000	28.2	1.55	0.65	0.82	0.97	26.6	1.76	0.66	0.84	1	24.8	2	0.68	0.88	1	22.8	2.27	0.71	0.92	1				
71°F	900	29.4	1.57	0.46	0.61	0.76	27.8	1.77	0.47	0.63	0.78	26	2.01	0.47	0.65	0.81	24	2.28	0.48	0.67	0.85				
	900	29.4	1.57	0.46	0.61	0.76	27.8	1.77	0.47	0.63	0.78	26	2.01	0.47	0.65	0.81	24	2.28	0.48	0.67	0.85				
	1000	30	1.57	0.47	0.63	0.79	28.2	1.78	0.48	0.65	0.82	26.4	2.02	0.48	0.67	0.85	24.4	2.28	0.49	0.69	0.89				

XP16-024-230-05 - CBX40UHV-036 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
565	19.5	1.25	18.3	1.23	17.1	1.2	15.9	1.18
565	19.5	1.25	18.3	1.23	17.1	1.2	15.9	1.18
640	19.8	1.19	18.5	1.17	17.3	1.15	16.1	1.13

XP16-024-230-05 - CBX40UHV-036 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
900	27.2	1.75	21.1	1.58	14.6	1.4	10.7	1.23	5.5	0.9
900	27.2	1.75	21.1	1.58	14.6	1.4	10.7	1.23	5.5	0.9
1000	27.3	1.72	21.3	1.54	14.8	1.36	10.9	1.19	5.7	0.87

XP16-024-230-05 - CBX40UHV-036

HEATING PERFORMANCE at 900 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.75	27.2
60	1.71	25.8
55	1.67	24.4
50	1.63	23
47	1.61	22.2
45	1.58	21.1
40	1.51	18.2
35	1.43	15.3
30	1.42	14.9
25	1.4	14.6
20	1.38	14.2
17	1.37	14
15	1.35	13.4
10	1.31	12
5	1.23	10.7
0	1.15	9.4
-5	1.07	8.1
-10	0.99	6.8
-15	0.9	5.5
-20	0.82	4.2

XP16-024-230-05 - CH33-31B-2F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	525	18.2	0.87	0.76	0.9	1	17.2	1.03	0.78	0.93	1	16.1	1.2	0.81	0.96	1	14.9	1.38	0.84	1	1				
	600	18.9	0.87	0.79	0.95	1	17.8	1.03	0.82	0.98	1	16.6	1.2	0.85	1	1	15.6	1.38	0.88	1	1				
	675	19.4	0.87	0.83	0.99	1	18.3	1.03	0.85	1	1	17.3	1.2	0.88	1	1	16.2	1.38	0.93	1	1				
67°F	525	19.5	0.87	0.6	0.73	0.86	18.4	1.03	0.62	0.75	0.89	17.2	1.2	0.63	0.78	0.92	15.9	1.38	0.65	0.81	0.97				
	600	20.2	0.87	0.62	0.77	0.91	19	1.03	0.64	0.79	0.94	17.7	1.2	0.65	0.82	0.97	16.4	1.38	0.68	0.85	1				
	675	20.8	0.88	0.64	0.8	0.95	19.5	1.03	0.66	0.82	0.98	18.2	1.2	0.68	0.86	1	16.7	1.38	0.7	0.9	1				
71°F	525	20.8	0.88	0.46	0.59	0.71	19.6	1.03	0.47	0.6	0.73	18.3	1.2	0.47	0.61	0.75	17	1.38	0.48	0.63	0.78				
	600	21.6	0.88	0.47	0.61	0.74	20.2	1.03	0.48	0.62	0.76	18.9	1.2	0.48	0.64	0.79	17.5	1.38	0.49	0.66	0.82				
	675	22.2	0.88	0.48	0.62	0.77	20.8	1.03	0.49	0.64	0.79	19.4	1.2	0.5	0.66	0.83	18	1.38	0.51	0.69	0.87				

XP16-024-230-05 - CH33-31B-2F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	700	24.8	1.55	0.76	0.89	1	23.6	1.74	0.78	0.92	1	22.2	1.96	0.8	0.95	1	20.8	2.2	0.83	0.99	1				
	800	25.6	1.56	0.79	0.93	1	24.2	1.76	0.81	0.96	1	22.8	1.98	0.83	0.99	1	21.4	2.22	0.87	1	1				
	900	26.2	1.57	0.81	0.97	1	24.8	1.76	0.84	0.99	1	23.6	1.99	0.87	1	1	22.2	2.24	0.91	1	1				
67°F	700	26.2	1.57	0.6	0.73	0.86	24.8	1.76	0.62	0.75	0.88	23.6	1.99	0.63	0.77	0.91	22	2.23	0.65	0.8	0.95				
	800	27	1.58	0.62	0.76	0.9	25.6	1.78	0.62	0.78	0.93	24.2	2	0.64	0.81	0.96	22.6	2.24	0.67	0.84	0.99				
	900	27.6	1.59	0.64	0.79	0.93	26.2	1.79	0.65	0.81	0.96	24.6	2.01	0.67	0.84	1	23	2.26	0.69	0.88	1				
71°F	700	27.2	1.58	0.47	0.59	0.7	26	1.78	0.47	0.6	0.72	24.8	2.01	0.48	0.61	0.75	23.2	2.26	0.49	0.63	0.77				
	800	28	1.6	0.47	0.61	0.74	26.8	1.8	0.47	0.62	0.76	25.4	2.02	0.49	0.64	0.78	23.8	2.27	0.5	0.65	0.81				
	900	28.6	1.61	0.49	0.62	0.76	27.4	1.81	0.48	0.64	0.78	26	2.03	0.49	0.65	0.81	24.2	2.28	0.51	0.68	0.85				

XP16-024-230-05 - CH33-31B-2F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
525	18.9	1.39	17.8	1.37	16.7	1.35	15.7	1.33
600	19.2	1.33	18.1	1.31	17	1.29	16	1.27
675	19.6	1.27	18.5	1.25	17.4	1.23	16.4	1.21

XP16-024-230-05 - CH33-31B-2F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
700	26.2	2.18	20.5	1.9	14.4	1.61	10.9	1.42	5.4	1.07
800	26.6	2.1	20.9	1.82	14.8	1.53	11.3	1.34	5.7	0.99
900	26.9	2.04	21.2	1.76	15.1	1.47	11.6	1.28	6	0.93

XP16-024-230-05 - CH33-31B-2F

HEATING PERFORMANCE at 800 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.1	26.6
60	2.04	25.3
55	1.98	24.1
50	1.92	22.8
47	1.88	22
45	1.82	20.9
40	1.69	18
35	1.55	15.1
30	1.54	14.9
25	1.53	14.8
20	1.52	14.6
17	1.51	14.5
15	1.49	14
10	1.43	12.7
5	1.34	11.3
0	1.25	9.9
-5	1.17	8.5
-10	1.08	7.1
-15	0.99	5.7
-20	0.91	4.3

XP16-024-230-05 - CH33-31B-2F + EL296UH045V36B - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	540	18.2	0.87	0.76	0.9	1	17.2	1.03	0.78	0.93	1	16.1	1.2	0.8	0.96	1	14.8	1.38	0.84	1	1				
	595	18.7	0.87	0.78	0.93	1	17.6	1.03	0.8	0.96	1	16.4	1.2	0.83	1	1	15.3	1.38	0.86	1	1				
	695	19.4	0.87	0.82	0.99	1	18.3	1.03	0.85	1	1	17.3	1.2	0.88	1	1	16.1	1.38	0.92	1	1				
67°F	540	19.5	0.87	0.6	0.73	0.86	18.4	1.03	0.61	0.75	0.89	17.2	1.2	0.62	0.77	0.92	15.9	1.38	0.64	0.81	0.96				
	595	20	0.87	0.61	0.75	0.89	18.8	1.03	0.62	0.77	0.92	17.6	1.2	0.64	0.8	0.96	16.2	1.38	0.66	0.83	1				
	695	20.8	0.87	0.63	0.79	0.95	19.5	1.03	0.65	0.82	0.98	18.2	1.2	0.67	0.85	1	16.7	1.38	0.69	0.89	1				
71°F	540	20.8	0.87	0.45	0.58	0.7	19.6	1.03	0.46	0.59	0.72	18.4	1.2	0.46	0.61	0.75	17	1.38	0.47	0.63	0.78				
	595	21.4	0.88	0.46	0.59	0.72	20	1.03	0.46	0.6	0.74	18.8	1.2	0.47	0.62	0.77	17.4	1.38	0.48	0.64	0.8				
	695	22.2	0.88	0.47	0.62	0.76	20.8	1.03	0.47	0.64	0.79	19.4	1.2	0.48	0.66	0.82	18	1.38	0.49	0.68	0.86				

XP16-024-230-05 - CH33-31B-2F + EL296UH045V36B - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	815	25.6	1.56	0.78	0.93	1	24.2	1.75	0.8	0.96	1	22.8	1.97	0.83	0.99	1	21.4	2.22	0.86	1	1				
	905	26.2	1.57	0.8	0.96	1	24.8	1.76	0.83	0.99	1	23.4	1.98	0.86	1	1	22.2	2.24	0.89	1	1				
	1020	26.8	1.58	0.83	1	1	25.4	1.77	0.86	1	1	24.2	2	0.89	1	1	22.8	2.25	0.94	1	1				
67°F	815	27	1.58	0.61	0.76	0.89	25.6	1.77	0.61	0.78	0.92	24.2	2	0.63	0.8	0.96	22.4	2.24	0.66	0.83	0.99				
	905	27.4	1.59	0.63	0.78	0.93	26.2	1.78	0.64	0.8	0.96	24.6	2.01	0.66	0.83	0.99	23	2.25	0.68	0.87	1				
	1020	28	1.6	0.64	0.8	0.96	26.6	1.79	0.66	0.84	0.99	25.2	2.01	0.68	0.87	1	23.4	2.26	0.7	0.91	1				
71°F	815	28	1.6	0.46	0.6	0.73	26.8	1.79	0.46	0.62	0.75	25.2	2.02	0.48	0.63	0.78	23.8	2.27	0.48	0.64	0.8				
	905	28.4	1.6	0.47	0.61	0.75	27.2	1.8	0.47	0.63	0.78	25.8	2.03	0.48	0.65	0.8	24	2.28	0.49	0.66	0.84				
	1020	29	1.61	0.48	0.63	0.78	27.8	1.81	0.49	0.65	0.81	26.4	2.04	0.5	0.67	0.84	24.6	2.29	0.5	0.7	0.88				

XP16-024-230-05 - CH33-31B-2F + EL296UH045V36B - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
540	18.6	1.37	17.5	1.35	16.5	1.33	15.4	1.31
595	18.6	1.32	17.5	1.3	16.5	1.28	15.4	1.26
695	19.2	1.25	18.1	1.23	17.1	1.21	16.1	1.19

XP16-024-230-05 - CH33-31B-2F + EL296UH045V36B - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
815	26.2	2.06	20.4	1.8	14.2	1.53	10.7	1.35	5.3	1.01
905	26.4	2.01	20.6	1.75	14.4	1.48	10.9	1.3	5.6	0.96
1020	26.8	1.96	21	1.7	14.8	1.43	11.3	1.25	5.9	0.91

XP16-024-230-05 - CH33-31B-2F + EL296UH045V36B HEATING PERFORMANCE at 905 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.01	26.4
60	1.95	25.1
55	1.9	23.8
50	1.84	22.6
47	1.8	21.8
45	1.75	20.6
40	1.62	17.8
35	1.49	14.9
30	1.48	14.7
25	1.48	14.4
20	1.47	14.2
17	1.46	14.1
15	1.44	13.5
10	1.38	12.3
5	1.3	10.9
0	1.22	9.6
-5	1.13	8.2
-10	1.05	6.9
-15	0.96	5.6
-20	0.88	4.2

XP16-024-230-05 - CH33-31B-2F + SL280UH090V36B - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	545	18.3	0.87	0.76	0.91	1	17.2	1.03	0.78	0.93	1	16.1	1.19	0.81	0.97	1	14.9	1.38	0.84	1	1				
	545	18.3	0.87	0.76	0.9	1	17.2	1.03	0.78	0.93	1	16.1	1.2	0.81	0.97	1	14.9	1.38	0.84	1	1				
	640	19	0.87	0.8	0.96	1	17.9	1.03	0.82	0.99	1	16.8	1.2	0.85	1	1	15.7	1.38	0.89	1	1				
67°F	545	19.6	0.87	0.6	0.73	0.86	18.5	1.03	0.61	0.75	0.89	17.2	1.19	0.62	0.78	0.93	16	1.38	0.64	0.81	0.97				
	545	19.6	0.87	0.6	0.73	0.86	18.5	1.03	0.61	0.75	0.89	17.2	1.19	0.62	0.78	0.93	15.9	1.38	0.64	0.81	0.97				
	640	20.4	0.87	0.62	0.77	0.92	19.2	1.03	0.63	0.79	0.95	17.8	1.2	0.65	0.82	0.99	16.5	1.38	0.67	0.86	1				
71°F	545	20.8	0.87	0.45	0.58	0.7	19.7	1.03	0.46	0.59	0.72	18.4	1.2	0.46	0.61	0.75	17	1.38	0.47	0.63	0.78				
	545	20.8	0.87	0.45	0.58	0.7	19.7	1.03	0.46	0.59	0.72	18.4	1.2	0.46	0.61	0.75	17	1.38	0.47	0.63	0.78				
	640	21.8	0.88	0.46	0.6	0.74	20.4	1.03	0.47	0.62	0.77	19.1	1.2	0.47	0.64	0.79	17.6	1.38	0.48	0.66	0.83				

XP16-024-230-05 - CH33-31B-2F + SL280UH090V36B - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	780	25.4	1.56	0.77	0.91	1	24	1.75	0.79	0.94	1	22.6	1.97	0.82	0.98	1	21	2.22	0.85	1	1				
	780	25.4	1.56	0.77	0.91	1	24	1.75	0.79	0.94	1	22.6	1.97	0.82	0.98	1	21	2.22	0.85	1	1				
	925	26.2	1.57	0.81	0.96	1	24.8	1.76	0.83	0.99	1	23.4	1.99	0.86	1	1	22.2	2.24	0.9	1	1				
67°F	780	26.6	1.58	0.6	0.74	0.88	25.4	1.77	0.62	0.76	0.91	24	1.99	0.63	0.79	0.94	22.2	2.24	0.65	0.82	0.98				
	780	26.6	1.58	0.6	0.75	0.88	25.4	1.77	0.62	0.77	0.91	24	1.99	0.64	0.79	0.94	22.2	2.24	0.65	0.82	0.98				
	925	27.6	1.59	0.63	0.78	0.93	26.2	1.78	0.65	0.81	0.96	24.6	2.01	0.66	0.83	1	23	2.26	0.67	0.87	1				
71°F	780	27.8	1.59	0.46	0.59	0.72	26.6	1.79	0.46	0.61	0.74	25	2.01	0.47	0.61	0.76	23.6	2.26	0.48	0.63	0.79				
	780	27.8	1.59	0.46	0.59	0.72	26.6	1.79	0.46	0.61	0.74	25	2.01	0.47	0.61	0.76	23.6	2.26	0.48	0.63	0.79				
	925	28.6	1.6	0.47	0.62	0.76	27.4	1.8	0.47	0.63	0.78	25.8	2.03	0.48	0.65	0.81	24.2	2.28	0.5	0.67	0.85				

XP16-024-230-05 - CH33-31B-2F + SL280UH090V36B - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
547	18.6	1.37	17.5	1.34	16.4	1.32	15.4	1.29
547	18.5	1.36	17.5	1.34	16.4	1.32	15.3	1.29
640	19	1.29	17.9	1.26	16.8	1.24	15.8	1.21

XP16-024-230-05 - CH33-31B-2F + SL280UH090V36B - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
780	26	2.1	20.3	1.82	14.1	1.52	10.7	1.33	5.4	0.99
781	26	2.1	20.3	1.82	14.1	1.52	10.7	1.33	5.4	0.99
925	26.4	2.02	20.6	1.74	14.5	1.44	11.1	1.25	5.8	0.91

XP16-024-230-05 - CH33-31B-2F + SL280UH090V36B HEATING PERFORMANCE at 781 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.1	26
60	2.04	24.7
55	1.98	23.4
50	1.91	22.2
47	1.88	21.4
45	1.82	20.3
40	1.68	17.4
35	1.54	14.6
30	1.53	14.4
25	1.52	14.1
20	1.51	13.9
17	1.5	13.8
15	1.48	13.3
10	1.42	12
5	1.33	10.7
0	1.24	9.4
-5	1.16	8.1
-10	1.07	6.7
-15	0.99	5.4
-20	0.9	4.1

XP16-024-230-05 - CH33-31B-2F + SLP98UH070V36B - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	505	17.9	0.87	0.74	0.88	1	16.9	1.03	0.76	0.91	1	15.8	1.19	0.79	0.94	1	14.6	1.38	0.81	0.98	1				
	560	18.4	0.87	0.76	0.91	1	17.3	1.03	0.78	0.94	1	16.2	1.2	0.81	0.97	1	15	1.38	0.84	1	1				
	665	19.2	0.87	0.81	0.97	1	18.1	1.03	0.83	1	1	17	1.2	0.86	1	1	15.9	1.38	0.9	1	1				
67°F	505	19.2	0.87	0.59	0.72	0.84	18.4	1.03	0.59	0.73	0.86	16.9	1.2	0.61	0.76	0.9	15.7	1.38	0.63	0.78	0.94				
	560	19.7	0.87	0.6	0.74	0.87	18.5	1.03	0.61	0.76	0.9	17.3	1.2	0.63	0.78	0.93	16	1.38	0.64	0.81	0.98				
	665	20.6	0.87	0.63	0.78	0.93	19.3	1.03	0.64	0.81	0.96	18	1.2	0.66	0.84	1	16.6	1.38	0.68	0.88	1				
71°F	505	20.4	0.87	0.45	0.57	0.69	19.3	1.03	0.45	0.58	0.71	18.1	1.2	0.46	0.59	0.73	16.8	1.38	0.46	0.61	0.76				
	560	21	0.87	0.45	0.58	0.71	19.8	1.03	0.46	0.59	0.73	18.5	1.2	0.46	0.61	0.75	17.1	1.38	0.47	0.63	0.78				
	665	21.8	0.88	0.46	0.61	0.75	20.6	1.03	0.47	0.63	0.78	19.3	1.2	0.48	0.64	0.81	17.8	1.38	0.49	0.67	0.84				

XP16-024-230-05 - CH33-31B-2F + SLP98UH070V36B - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	705	24.8	1.55	0.75	0.89	1	23.6	1.74	0.77	0.91	1	22.2	1.96	0.79	0.94	1	20.6	2.21	0.82	0.98	1				
	810	25.6	1.56	0.78	0.93	1	24.2	1.75	0.8	0.96	1	22.8	1.97	0.83	0.99	1	21.4	2.22	0.86	1	1				
	960	26.4	1.57	0.81	0.98	1	25	1.77	0.84	1	1	23.8	1.99	0.88	1	1	22.4	2.24	0.92	1	1				
67°F	705	26	1.57	0.59	0.72	0.85	24.8	1.76	0.6	0.74	0.87	23.4	1.98	0.62	0.76	0.9	21.8	2.23	0.63	0.79	0.94				
	810	27	1.58	0.61	0.75	0.89	25.6	1.77	0.61	0.77	0.92	24	1.99	0.63	0.8	0.95	22.4	2.24	0.66	0.83	0.99				
	960	27.8	1.59	0.64	0.79	0.94	26.4	1.79	0.65	0.81	0.98	24.8	2.01	0.67	0.85	1	23.2	2.26	0.69	0.89	1				
71°F	705	27.2	1.58	0.46	0.58	0.7	26	1.78	0.46	0.59	0.72	24.6	2	0.46	0.6	0.74	23.2	2.26	0.47	0.62	0.76				
	810	28	1.6	0.47	0.6	0.73	26.8	1.79	0.46	0.61	0.75	25.2	2.01	0.48	0.61	0.77	23.6	2.27	0.48	0.64	0.8				
	960	28.8	1.61	0.47	0.62	0.76	27.6	1.81	0.48	0.64	0.79	26	2.03	0.48	0.65	0.82	24.4	2.28	0.5	0.68	0.86				

XP16-024-230-05 - CH33-31B-2F + SLP98UH070V36B - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
504	18.4	1.41	17.3	1.38	16.2	1.36	15.2	1.34
558	18.5	1.35	17.5	1.33	16.4	1.31	15.3	1.28
665	19	1.27	18	1.25	16.9	1.22	15.8	1.2

XP16-024-230-05 - CH33-31B-2F + SLP98UH070V36B - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
705	25.8	2.16	20	1.88	13.9	1.59	10.4	1.4	5.2	1.06
810	26.1	2.08	20.4	1.8	14.2	1.51	10.7	1.32	5.5	0.98
960	26.5	2	20.7	1.72	14.6	1.43	11.1	1.24	5.9	0.9

XP16-024-230-05 - CH33-31B-2F + SLP98UH070V36B HEATING PERFORMANCE at 810 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.08	26.1
60	2.02	24.8
55	1.95	23.5
50	1.89	22.3
47	1.86	21.5
45	1.8	20.4
40	1.67	17.5
35	1.53	14.7
30	1.52	14.5
25	1.51	14.2
20	1.5	14
17	1.49	13.8
15	1.47	13.3
10	1.41	12.1
5	1.32	10.7
0	1.24	9.4
-5	1.15	8.1
-10	1.07	6.8
-15	0.98	5.5
-20	0.9	4.2

XP16-024-230-05 - CR33-30/36A-F + SL280DF070V36A - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	535	18.2	0.87	0.76	0.9	1	17.1	1.03	0.78	0.93	1	16	1.2	0.81	0.96	1	14.8	1.38	0.84	1	1
	535	18.2	0.87	0.76	0.9	1	17.1	1.03	0.78	0.93	1	16	1.2	0.81	0.96	1	14.8	1.38	0.84	1	1
	615	18.8	0.87	0.79	0.95	1	17.7	1.03	0.81	0.98	1	16.5	1.19	0.84	1	1	15.4	1.38	0.88	1	1
67°F	535	19.4	0.87	0.6	0.73	0.86	18.3	1.03	0.61	0.75	0.89	17.1	1.2	0.63	0.78	0.93	15.8	1.38	0.64	0.81	0.97
	535	19.4	0.87	0.6	0.73	0.86	18.3	1.03	0.61	0.75	0.89	17.1	1.2	0.62	0.78	0.92	15.8	1.38	0.64	0.81	0.96
	615	20	0.87	0.62	0.76	0.91	18.9	1.03	0.63	0.79	0.94	17.6	1.2	0.65	0.82	0.97	16.2	1.38	0.67	0.85	1
71°F	535	20.6	0.87	0.45	0.58	0.71	19.4	1.03	0.46	0.59	0.72	18.2	1.2	0.46	0.61	0.75	16.8	1.38	0.47	0.63	0.78
	535	20.6	0.87	0.45	0.58	0.7	19.4	1.03	0.46	0.59	0.72	18.2	1.2	0.46	0.61	0.75	16.8	1.38	0.47	0.63	0.78
	615	21.2	0.88	0.46	0.6	0.74	20	1.03	0.47	0.62	0.76	18.7	1.2	0.48	0.63	0.79	17.3	1.38	0.48	0.66	0.82

XP16-024-230-05 - CR33-30/36A-F + SL280DF070V36A - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	800	25.4	1.51	0.79	0.94	1	23.8	1.71	0.81	0.97	1	22.4	1.93	0.84	0.99	1	20.8	2.19	0.87	1	1
	800	25.4	1.51	0.79	0.94	1	23.8	1.71	0.81	0.97	1	22.4	1.93	0.84	0.99	1	20.8	2.19	0.87	1	1
	920	26.2	1.51	0.82	0.98	1	24.6	1.71	0.85	1	1	23.2	1.94	0.88	1	1	21.6	2.2	0.92	1	1
67°F	800	26.8	1.52	0.62	0.76	0.9	25.4	1.72	0.63	0.78	0.93	23.8	1.95	0.65	0.81	0.96	22	2.2	0.67	0.84	1
	800	26.8	1.52	0.62	0.76	0.9	25.4	1.72	0.63	0.78	0.93	23.8	1.95	0.65	0.81	0.96	22	2.2	0.67	0.84	1
	920	27.6	1.53	0.64	0.8	0.95	26	1.73	0.66	0.82	0.98	24.2	1.96	0.67	0.86	1	22.4	2.21	0.7	0.89	1
71°F	800	28.4	1.54	0.46	0.6	0.74	26.8	1.74	0.47	0.62	0.76	25	1.97	0.48	0.63	0.78	23.4	2.22	0.48	0.65	0.82
	800	28.4	1.54	0.46	0.6	0.74	26.8	1.74	0.47	0.62	0.76	25	1.97	0.48	0.63	0.78	23.4	2.22	0.48	0.65	0.82
	920	29.2	1.54	0.47	0.63	0.77	27.6	1.75	0.48	0.64	0.8	25.8	1.98	0.49	0.66	0.83	23.8	2.23	0.5	0.69	0.87

XP16-024-230-05 - CR33-30/36A-F + SL280DF070V36A - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
537	20.6	1.43	19.4	1.41	18.2	1.38	16.9	1.36
537	20.6	1.43	19.4	1.41	18.1	1.38	16.9	1.36
615	21	1.38	19.7	1.36	18.5	1.33	17.3	1.31

XP16-024-230-05 - CR33-30/36A-F + SL280DF070V36A - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
800	28.8	2.01	22.5	1.8	15.8	1.57	11.3	1.41	5.8	1.03
800	28.8	2.01	22.5	1.8	15.8	1.57	11.3	1.41	5.8	1.03
920	29	1.97	22.7	1.75	16	1.52	11.6	1.36	6	0.99

XP16-024-230-05 - CR33-30/36A-F + SL280DF070V36A HEATING PERFORMANCE at 800 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.01	28.8
60	1.97	27.3
55	1.92	25.9
50	1.87	24.4
47	1.85	23.5
45	1.8	22.5
40	1.68	19.8
35	1.57	17.1
30	1.57	16.4
25	1.57	15.8
20	1.57	15.1
17	1.56	14.7
15	1.55	14.2
10	1.5	12.7
5	1.41	11.3
0	1.31	9.9
-5	1.22	8.6
-10	1.13	7.2
-15	1.03	5.8
-20	0.94	4.4

XP16-024-230-05 - CR33-30/36B-F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	525	18.1	0.87	0.76	0.9	1	17.1	1.03	0.78	0.93	1	16	1.2	0.81	0.97	1	14.8	1.38	0.84	1	1				
	600	18.8	0.87	0.8	0.95	1	17.7	1.03	0.82	0.98	1	16.5	1.19	0.85	1	1	15.5	1.38	0.89	1	1				
	675	19.3	0.87	0.83	0.99	1	18.2	1.03	0.85	1	1	17.2	1.2	0.89	1	1	16	1.38	0.93	1	1				
67°F	525	19.4	0.87	0.61	0.74	0.87	18.3	1.03	0.62	0.76	0.89	17.1	1.2	0.63	0.78	0.93	15.8	1.38	0.65	0.81	0.97				
	600	20	0.87	0.62	0.77	0.91	18.9	1.03	0.64	0.79	0.94	17.6	1.2	0.66	0.82	0.98	16.2	1.38	0.68	0.86	1				
	675	20.6	0.87	0.64	0.8	0.95	19.3	1.03	0.66	0.83	0.98	18	1.2	0.68	0.86	1	16.6	1.38	0.71	0.9	1				
71°F	525	20.6	0.87	0.46	0.59	0.71	19.5	1.03	0.47	0.6	0.73	18.2	1.2	0.47	0.62	0.75	16.9	1.38	0.48	0.64	0.78				
	600	21.4	0.88	0.47	0.61	0.74	20	1.03	0.48	0.62	0.76	18.7	1.2	0.49	0.64	0.79	17.3	1.38	0.5	0.66	0.83				
	675	21.8	0.88	0.48	0.63	0.77	20.6	1.03	0.49	0.65	0.8	19.2	1.2	0.5	0.67	0.83	17.7	1.38	0.51	0.69	0.87				

XP16-024-230-05 - CR33-30/36B-F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	700	24.6	1.5	0.76	0.9	1	23.2	1.7	0.79	0.93	1	21.8	1.92	0.81	0.96	1	20.2	2.17	0.84	1	1				
	800	25.4	1.51	0.8	0.94	1	24	1.71	0.82	0.97	1	22.4	1.93	0.85	1	1	21	2.19	0.88	1	1				
	900	26	1.51	0.83	0.98	1	24.6	1.71	0.85	1	1	23.2	1.94	0.88	1	1	21.8	2.2	0.92	1	1				
67°F	700	26.2	1.52	0.61	0.74	0.87	24.8	1.71	0.62	0.76	0.89	23.2	1.94	0.63	0.78	0.93	21.6	2.19	0.65	0.81	0.96				
	800	27	1.52	0.63	0.77	0.91	25.4	1.72	0.64	0.79	0.94	23.8	1.95	0.66	0.82	0.97	22	2.2	0.68	0.85	1				
	900	27.6	1.53	0.64	0.8	0.95	26	1.73	0.66	0.83	0.98	24.2	1.96	0.68	0.86	1	22.4	2.21	0.7	0.9	1				
71°F	700	27.6	1.53	0.46	0.59	0.71	26.2	1.73	0.47	0.6	0.73	24.6	1.96	0.48	0.62	0.75	22.8	2.21	0.48	0.64	0.79				
	800	28.4	1.54	0.48	0.61	0.74	27	1.74	0.48	0.62	0.77	25.2	1.97	0.49	0.64	0.79	23.4	2.23	0.5	0.66	0.83				
	900	29.2	1.54	0.48	0.63	0.78	27.6	1.75	0.49	0.65	0.8	25.8	1.98	0.5	0.67	0.83	24	2.23	0.51	0.69	0.87				

XP16-024-230-05 - CR33-30/36B-F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
525	21	1.45	19.8	1.43	18.5	1.41	17.3	1.4
600	21.2	1.4	20	1.38	18.7	1.36	17.5	1.34
675	21.5	1.36	20.3	1.34	19	1.32	17.8	1.3

XP16-024-230-05 - CR33-30/36B-F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
700	29	2.07	22.7	1.86	16	1.62	11.5	1.46	5.8	1.09
800	29.3	2.03	22.9	1.81	16.2	1.58	11.8	1.42	6	1.04
900	29.5	1.99	23.1	1.77	16.5	1.54	12	1.38	6.2	1

XP16-024-230-05 - CR33-30/36B-F

HEATING PERFORMANCE at 800 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.03	29.3
60	1.98	27.8
55	1.93	26.3
50	1.89	24.9
47	1.86	24
45	1.81	22.9
40	1.7	20.2
35	1.58	17.5
30	1.58	16.9
25	1.58	16.2
20	1.58	15.6
17	1.58	15.3
15	1.56	14.7
10	1.51	13.2
5	1.42	11.8
0	1.32	10.3
-5	1.23	8.9
-10	1.14	7.5
-15	1.04	6
-20	0.95	4.6

XP16-024-230-05 - CR33-30/36B-F + EL296DF045V36B - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	545	18.3	0.87	0.76	0.91	1	17.2	1.03	0.78	0.93	1	16	1.2	0.81	0.97	1	14.8	1.38	0.84	1	1
	645	19	0.87	0.8	0.96	1	17.8	1.03	0.83	0.99	1	16.7	1.2	0.86	1	1	15.6	1.38	0.89	1	1
	695	19.3	0.87	0.82	0.98	1	18.2	1.03	0.85	1	1	17.2	1.2	0.88	1	1	16	1.38	0.92	1	1
67°F	545	19.5	0.87	0.6	0.73	0.87	18.3	1.03	0.61	0.75	0.89	17.1	1.2	0.63	0.78	0.93	15.8	1.38	0.64	0.81	0.97
	645	20.2	0.87	0.62	0.77	0.92	19	1.03	0.64	0.8	0.95	17.7	1.2	0.65	0.83	0.99	16.4	1.38	0.68	0.86	1
	695	20.6	0.87	0.64	0.8	0.95	19.3	1.03	0.65	0.82	0.98	18	1.2	0.67	0.85	1	16.6	1.38	0.7	0.89	1
71°F	545	20.6	0.87	0.45	0.58	0.71	19.5	1.03	0.45	0.59	0.73	18.2	1.2	0.46	0.61	0.75	16.9	1.38	0.47	0.63	0.78
	645	21.6	0.88	0.46	0.61	0.75	20.2	1.03	0.47	0.62	0.77	18.9	1.2	0.48	0.64	0.8	17.5	1.38	0.48	0.66	0.84
	695	21.8	0.88	0.47	0.62	0.77	20.6	1.03	0.48	0.64	0.79	19.2	1.2	0.48	0.66	0.83	17.7	1.38	0.49	0.68	0.86

XP16-024-230-05 - CR33-30/36B-F + EL296DF045V36B - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	740	24.8	1.5	0.77	0.91	1	23.4	1.7	0.79	0.94	1	21.8	1.93	0.81	0.97	1	20.4	2.18	0.84	1	1
	855	25.6	1.51	0.8	0.96	1	24.2	1.71	0.83	0.98	1	22.6	1.93	0.85	1	1	21.2	2.19	0.89	1	1
	965	26.4	1.52	0.84	0.99	1	25	1.72	0.86	1	1	23.4	1.94	0.9	1	1	22	2.2	0.93	1	1
67°F	740	26.4	1.52	0.6	0.74	0.88	25	1.72	0.62	0.76	0.9	23.4	1.94	0.63	0.79	0.94	21.6	2.2	0.65	0.82	0.97
	855	27.2	1.52	0.62	0.78	0.92	25.6	1.72	0.64	0.8	0.95	24	1.95	0.66	0.83	0.98	22.2	2.2	0.68	0.86	1
	965	27.8	1.53	0.65	0.81	0.96	26.2	1.73	0.66	0.84	0.99	24.4	1.96	0.68	0.87	1	22.6	2.21	0.71	0.91	1
71°F	740	27.8	1.53	0.46	0.59	0.72	26.4	1.73	0.46	0.6	0.73	24.8	1.96	0.47	0.62	0.76	23	2.22	0.48	0.63	0.79
	855	28.6	1.54	0.47	0.61	0.75	27.2	1.74	0.47	0.63	0.77	25.4	1.97	0.48	0.64	0.8	23.6	2.23	0.49	0.67	0.84
	965	29.4	1.55	0.48	0.63	0.79	27.8	1.75	0.49	0.65	0.81	26	1.98	0.49	0.67	0.84	24.2	2.24	0.5	0.7	0.88

XP16-024-230-05 - CR33-30/36B-F + EL296DF045V36B - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
545	20.6	1.42	19.3	1.4	18	1.38	16.8	1.37
645	20.9	1.35	19.6	1.34	18.3	1.32	17.1	1.3
695	21	1.33	19.8	1.31	18.5	1.3	17.2	1.28

XP16-024-230-05 - CR33-30/36B-F + EL296DF045V36B - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
740	28.6	2.03	22.3	1.83	15.6	1.61	11.1	1.45	5.6	1.08
855	28.9	1.98	22.5	1.77	15.8	1.55	11.3	1.4	5.8	1.03
965	29.1	1.94	22.7	1.74	16	1.52	11.5	1.37	6	1

XP16-024-230-05 - CR33-30/36B-F + EL296DF045V36B HEATING PERFORMANCE at 855 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.98	28.9
60	1.93	27.4
55	1.89	25.9
50	1.84	24.5
47	1.82	23.6
45	1.77	22.5
40	1.66	19.8
35	1.55	17.1
30	1.55	16.5
25	1.55	15.8
20	1.55	15.1
17	1.55	14.8
15	1.54	14.2
10	1.49	12.7
5	1.4	11.3
0	1.31	9.9
-5	1.21	8.6
-10	1.12	7.2
-15	1.03	5.8
-20	0.93	4.4

XP16-024-230-05 - CR33-30/36B-F + EL296DF070V48B - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	575	18.5	0.87	0.77	0.92	1	17.4	1.03	0.8	0.95	1	16.2	1.19	0.82	0.99	1	15.1	1.38	0.86	1	1
	575	18.5	0.87	0.77	0.92	1	17.4	1.03	0.79	0.95	1	16.2	1.19	0.82	0.99	1	15.1	1.38	0.86	1	1
	660	19.1	0.87	0.81	0.97	1	18	1.03	0.83	1	1	16.9	1.2	0.87	1	1	15.8	1.38	0.91	1	1
67°F	575	19.7	0.87	0.61	0.75	0.89	18.6	1.03	0.62	0.77	0.91	17.3	1.2	0.64	0.79	0.95	16	1.38	0.65	0.83	0.99
	575	19.7	0.87	0.61	0.75	0.88	18.6	1.03	0.62	0.77	0.91	17.3	1.2	0.63	0.79	0.95	16	1.38	0.65	0.83	0.99
	660	20.4	0.87	0.63	0.78	0.93	19.2	1.03	0.64	0.81	0.96	17.9	1.2	0.66	0.84	0.99	16.4	1.38	0.68	0.88	1
71°F	575	21	0.87	0.46	0.59	0.72	19.8	1.03	0.46	0.6	0.74	18.5	1.2	0.47	0.62	0.77	17.1	1.38	0.48	0.64	0.8
	575	21	0.87	0.46	0.59	0.72	19.7	1.03	0.46	0.6	0.74	18.5	1.2	0.47	0.62	0.77	17.1	1.38	0.48	0.64	0.8
	660	21.6	0.88	0.47	0.61	0.75	20.4	1.03	0.47	0.63	0.78	19	1.2	0.48	0.65	0.81	17.6	1.38	0.49	0.67	0.85

XP16-024-230-05 - CR33-30/36B-F + EL296DF070V48B - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	880	25.8	1.51	0.81	0.97	1	24.4	1.71	0.84	0.99	1	23	1.94	0.87	1	1	21.4	2.19	0.9	1	1
	880	25.8	1.51	0.81	0.97	1	24.4	1.71	0.84	0.99	1	23	1.94	0.87	1	1	21.4	2.19	0.9	1	1
	980	26.4	1.52	0.84	1	1	25	1.72	0.87	1	1	23.6	1.95	0.9	1	1	22	2.2	0.94	1	1
67°F	880	27.4	1.53	0.63	0.78	0.93	25.8	1.72	0.65	0.81	0.96	24	1.95	0.66	0.84	0.99	22.4	2.21	0.69	0.88	1
	880	27.4	1.53	0.63	0.78	0.93	25.8	1.72	0.65	0.81	0.96	24	1.95	0.66	0.84	0.99	22.4	2.21	0.69	0.88	1
	980	28	1.53	0.65	0.82	0.97	26.4	1.73	0.67	0.84	0.99	24.6	1.96	0.69	0.88	1	22.8	2.21	0.71	0.92	1
71°F	880	28.8	1.54	0.47	0.62	0.76	27.4	1.75	0.48	0.63	0.78	25.6	1.97	0.48	0.65	0.81	23.8	2.23	0.49	0.67	0.85
	880	28.8	1.54	0.47	0.62	0.76	27.4	1.75	0.48	0.63	0.78	25.6	1.97	0.48	0.65	0.81	23.8	2.23	0.49	0.67	0.85
	980	29.4	1.55	0.48	0.64	0.79	27.8	1.75	0.49	0.66	0.82	26	1.98	0.5	0.68	0.85	24.2	2.24	0.51	0.7	0.89

XP16-024-230-05 - CR33-30/36B-F + EL296DF070V48B - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
575	20.7	1.4	19.5	1.38	18.2	1.36	17	1.34
575	20.7	1.4	19.4	1.38	18.2	1.36	17	1.34
660	21	1.35	19.8	1.33	18.5	1.31	17.3	1.29

XP16-024-230-05 - CR33-30/36B-F + EL296DF070V48B - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
880	29	1.97	22.6	1.77	15.9	1.55	11.4	1.4	5.8	1.03
880	29	1.97	22.6	1.77	15.9	1.55	11.4	1.4	5.8	1.03
980	29.2	1.94	22.8	1.74	16.1	1.52	11.6	1.37	6	1

XP16-024-230-05 - CR33-30/36B-F + EL296DF070V48B HEATING PERFORMANCE at 880 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.97	29
60	1.92	27.5
55	1.88	26
50	1.84	24.6
47	1.81	23.7
45	1.77	22.6
40	1.66	19.9
35	1.55	17.2
30	1.55	16.6
25	1.55	15.9
20	1.55	15.3
17	1.55	14.9
15	1.54	14.3
10	1.49	12.8
5	1.4	11.4
0	1.31	10
-5	1.21	8.6
-10	1.12	7.2
-15	1.03	5.8
-20	0.93	4.5

XP16-024-230-05 - CX34-31A-6F + SL280UH070V36A - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	645	19.1	0.87	0.79	0.94	1	18.1	1.02	0.81	0.97	1	17	1.19	0.84	1	1	15.9	1.38	0.88	1	1				
	645	19.1	0.87	0.79	0.94	1	18.1	1.02	0.81	0.97	1	16.9	1.19	0.84	1	1	15.9	1.38	0.88	1	1				
	690	19.4	0.87	0.8	0.96	1	18.4	1.02	0.83	0.99	1	17.3	1.19	0.86	1	1	16.2	1.38	0.9	1	1				
67°F	645	20.2	0.87	0.62	0.76	0.9	19.2	1.03	0.61	0.78	0.93	18	1.19	0.65	0.81	0.97	16.7	1.38	0.67	0.85	1				
	645	20.2	0.87	0.62	0.76	0.9	19.2	1.03	0.61	0.78	0.93	18	1.19	0.65	0.81	0.97	16.7	1.38	0.67	0.84	1				
	690	20.6	0.87	0.62	0.77	0.92	19.5	1.03	0.64	0.8	0.95	18.2	1.19	0.66	0.83	0.99	16.9	1.38	0.68	0.87	1				
71°F	645	21	0.87	0.47	0.6	0.73	20.2	1.03	0.47	0.62	0.75	19	1.2	0.48	0.62	0.78	17.8	1.38	0.49	0.65	0.82				
	645	21	0.87	0.46	0.6	0.73	20.2	1.03	0.47	0.62	0.75	19	1.2	0.48	0.62	0.78	17.8	1.38	0.48	0.65	0.82				
	690	21.2	0.87	0.46	0.61	0.74	20.4	1.03	0.47	0.62	0.77	19.2	1.2	0.48	0.64	0.8	18	1.38	0.49	0.67	0.84				

XP16-024-230-05 - CX34-31A-6F + SL280UH070V36A - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	830	26	1.54	0.77	0.92	1	24.6	1.74	0.8	0.95	1	23	1.98	0.82	0.99	1	21.4	2.25	0.85	1	1				
	835	26	1.54	0.77	0.92	1	24.6	1.74	0.8	0.95	1	23	1.98	0.83	0.99	1	21.6	2.25	0.85	1	1				
	930	26.6	1.54	0.8	0.95	1	25.2	1.74	0.82	0.98	1	23.6	1.98	0.85	1	1	22.2	2.26	0.89	1	1				
67°F	830	27.4	1.54	0.6	0.75	0.88	26	1.75	0.62	0.77	0.91	24.4	1.99	0.64	0.8	0.95	22.8	2.25	0.66	0.83	0.99				
	835	27.4	1.54	0.61	0.75	0.88	26	1.75	0.62	0.77	0.91	24.4	1.99	0.64	0.8	0.95	22.8	2.25	0.66	0.83	0.99				
	930	28	1.55	0.62	0.77	0.92	26.6	1.76	0.64	0.8	0.95	25	2	0.65	0.82	0.98	23.2	2.26	0.68	0.86	1				
71°F	830	28.4	1.55	0.47	0.59	0.72	27.2	1.76	0.46	0.61	0.74	25.6	2	0.47	0.61	0.77	24	2.26	0.48	0.64	0.8				
	835	28.4	1.55	0.47	0.59	0.72	27.2	1.76	0.46	0.61	0.74	25.6	2	0.48	0.61	0.77	24	2.26	0.48	0.64	0.8				
	930	29	1.56	0.48	0.6	0.74	27.8	1.77	0.47	0.62	0.77	26.2	2.01	0.47	0.64	0.8	24.4	2.27	0.49	0.66	0.83				

XP16-024-230-05 - CX34-31A-6F + SL280UH070V36A - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
647	19.3	1.29	18	1.27	16.8	1.24	15.5	1.21
647	19.3	1.29	18	1.26	16.7	1.24	15.5	1.21
690	19.5	1.27	18.2	1.24	17	1.22	15.7	1.19

XP16-024-230-05 - CX34-31A-6F + SL280UH070V36A - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
830	26.7	1.9	20.6	1.7	14.3	1.49	10	1.33	5.2	0.98
833	26.7	1.89	20.7	1.7	14.3	1.49	10	1.33	5.2	0.98
930	27	1.85	20.9	1.65	14.5	1.44	10.3	1.28	5.4	0.93

XP16-024-230-05 - CX34-31A-6F + SL280UH070V36A HEATING PERFORMANCE at 833 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.89	26.7
60	1.85	25.3
55	1.81	23.9
50	1.76	22.5
47	1.74	21.7
45	1.7	20.7
40	1.6	18.2
35	1.5	15.7
30	1.49	15
25	1.49	14.3
20	1.48	13.6
17	1.48	13.2
15	1.46	12.6
10	1.42	11.2
5	1.33	10
0	1.24	8.8
-5	1.15	7.6
-10	1.07	6.4
-15	0.98	5.2
-20	0.89	4

XP16-024-230-05 - CX34-31B-6F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	525	18.3	0.87	0.75	0.89	1	17.3	1.02	0.78	0.91	1	16.2	1.19	0.8	0.95	1	15	1.38	0.83	0.99	1				
	600	18.9	0.87	0.78	0.93	1	17.9	1.02	0.81	0.96	1	16.8	1.19	0.83	0.99	1	15.7	1.38	0.87	1	1				
	675	19.5	0.87	0.8	0.96	1	18.4	1.02	0.84	0.99	1	17.4	1.19	0.87	1	1	16.3	1.38	0.91	1	1				
67°F	525	19.4	0.87	0.6	0.73	0.85	18.4	1.02	0.62	0.75	0.87	17.3	1.19	0.63	0.77	0.91	16.1	1.38	0.65	0.8	0.95				
	600	20	0.87	0.62	0.76	0.89	19	1.03	0.63	0.78	0.92	17.9	1.19	0.65	0.8	0.96	16.6	1.38	0.67	0.84	0.99				
	675	20.6	0.87	0.63	0.78	0.92	19.5	1.03	0.65	0.81	0.95	18.3	1.19	0.67	0.84	0.99	17	1.38	0.69	0.88	1				
71°F	525	20	0.87	0.47	0.59	0.7	19.4	1.03	0.47	0.59	0.72	18.4	1.19	0.48	0.62	0.74	17.2	1.38	0.48	0.63	0.77				
	600	21	0.87	0.47	0.6	0.73	19.8	1.03	0.47	0.6	0.75	18.9	1.2	0.49	0.63	0.78	17.6	1.38	0.5	0.65	0.81				
	675	21.4	0.87	0.48	0.62	0.75	20.4	1.03	0.48	0.64	0.78	19.3	1.2	0.5	0.65	0.81	18	1.38	0.5	0.68	0.84				

XP16-024-230-05 - CX34-31B-6F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	700	25	1.53	0.75	0.88	1	23.8	1.74	0.77	0.91	1	22.2	1.97	0.79	0.94	1	20.8	2.25	0.82	0.98	1				
	800	25.8	1.54	0.78	0.92	1	24.4	1.74	0.8	0.95	1	23	1.98	0.83	0.98	1	21.4	2.24	0.85	1	1				
	900	26.4	1.54	0.8	0.95	1	25.2	1.74	0.83	0.98	1	23.6	1.98	0.85	1	1	22.2	2.26	0.89	1	1				
67°F	700	26.4	1.54	0.6	0.72	0.84	25	1.75	0.61	0.74	0.87	23.6	1.98	0.63	0.76	0.9	22	2.25	0.64	0.79	0.94				
	800	27.2	1.54	0.61	0.75	0.88	25.8	1.75	0.62	0.77	0.91	24.4	1.99	0.65	0.8	0.94	22.6	2.26	0.66	0.83	0.98				
	900	28	1.55	0.63	0.77	0.91	26.4	1.76	0.65	0.8	0.95	25	1.99	0.66	0.82	0.98	23.2	2.26	0.69	0.86	1				
71°F	700	27.6	1.55	0.47	0.58	0.7	26.4	1.75	0.47	0.59	0.71	25	1.99	0.47	0.61	0.74	23.4	2.26	0.48	0.63	0.76				
	800	28.4	1.55	0.48	0.59	0.72	27	1.76	0.48	0.61	0.74	25.6	2	0.49	0.63	0.77	24	2.27	0.5	0.64	0.8				
	900	29	1.56	0.48	0.62	0.75	27.8	1.77	0.49	0.63	0.77	26.2	2.01	0.5	0.65	0.8	24.4	2.28	0.5	0.67	0.83				

XP16-024-230-05 - CX34-31B-6F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
525	19.1	1.41	17.9	1.38	16.7	1.35	15.4	1.32
600	19.5	1.35	18.3	1.32	17.1	1.28	15.8	1.25
675	19.9	1.29	18.7	1.26	17.4	1.23	16.2	1.2

XP16-024-230-05 - CX34-31B-6F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
700	26.8	2.01	20.8	1.81	14.4	1.58	10.2	1.42	5	1.06
800	27.2	1.94	21.2	1.73	14.8	1.51	10.5	1.35	5.4	0.99
900	27.5	1.88	21.5	1.68	15.1	1.46	10.9	1.29	5.7	0.93

XP16-024-230-05 - CX34-31B-6F

HEATING PERFORMANCE at 800 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.94	27.2
60	1.89	25.8
55	1.85	24.4
50	1.8	23
47	1.77	22.2
45	1.73	21.2
40	1.63	18.6
35	1.52	16.1
30	1.52	15.5
25	1.51	14.8
20	1.5	14.2
17	1.5	13.8
15	1.48	13.2
10	1.44	11.8
5	1.35	10.5
0	1.26	9.3
-5	1.17	8
-10	1.08	6.7
-15	0.99	5.4
-20	0.9	4.1

XP16-024-230-05 - CX34-31B-6F + EL296UH045V36B - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	540	18.3	0.87	0.75	0.88	1	17.3	1.02	0.77	0.91	1	16.2	1.19	0.79	0.95	1	15	1.38	0.83	0.99	1				
	595	18.8	0.87	0.77	0.91	1	17.7	1.02	0.79	0.94	1	16.6	1.19	0.82	0.98	1	15.5	1.38	0.85	1	1				
	695	19.5	0.87	0.81	0.96	1	18.4	1.02	0.83	0.99	1	17.3	1.19	0.86	1	1	16.3	1.38	0.91	1	1				
67°F	540	19.4	0.87	0.59	0.72	0.84	18.3	1.02	0.61	0.74	0.87	17.3	1.19	0.62	0.77	0.91	16.1	1.38	0.64	0.8	0.95				
	595	19.8	0.87	0.6	0.74	0.87	18.8	1.02	0.62	0.76	0.9	17.7	1.19	0.63	0.79	0.94	16.4	1.38	0.65	0.82	0.98				
	695	20.6	0.87	0.63	0.78	0.92	19.5	1.03	0.64	0.8	0.95	18.2	1.19	0.66	0.83	0.99	16.9	1.38	0.68	0.87	1				
71°F	540	20.3	0.87	0.46	0.56	0.7	19.4	1.03	0.46	0.58	0.71	18.4	1.19	0.47	0.6	0.74	17.1	1.38	0.47	0.62	0.77				
	595	20.6	0.87	0.46	0.58	0.71	19.7	1.03	0.46	0.58	0.73	18.7	1.19	0.47	0.62	0.76	17.5	1.38	0.48	0.64	0.79				
	695	21.4	0.87	0.47	0.61	0.74	20.4	1.03	0.48	0.63	0.77	19.2	1.2	0.48	0.64	0.8	18	1.38	0.49	0.67	0.84				

XP16-024-230-05 - CX34-31B-6F + EL296UH045V36B - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	815	25.8	1.53	0.77	0.91	1	24.4	1.74	0.79	0.95	1	23	1.98	0.82	0.98	1	21.4	2.24	0.85	1	1				
	905	26.4	1.54	0.79	0.95	1	25	1.75	0.82	0.98	1	23.4	1.98	0.85	1	1	22	2.25	0.88	1	1				
	1020	27	1.54	0.82	0.98	1	25.6	1.75	0.85	1	1	24.2	1.99	0.88	1	1	22.8	2.26	0.93	1	1				
67°F	815	27.2	1.54	0.6	0.74	0.88	25.8	1.75	0.62	0.77	0.9	24.4	1.99	0.63	0.79	0.94	22.6	2.26	0.65	0.82	0.98				
	905	27.8	1.55	0.62	0.77	0.91	26.4	1.75	0.64	0.79	0.94	24.8	1.99	0.65	0.82	0.97	23	2.26	0.68	0.85	1				
	1020	28.4	1.55	0.64	0.79	0.94	27	1.76	0.65	0.82	0.98	25.4	2	0.67	0.85	1	23.6	2.26	0.7	0.89	1				
71°F	815	28.2	1.55	0.46	0.59	0.72	27	1.76	0.46	0.61	0.74	25.6	2	0.47	0.61	0.76	24	2.27	0.48	0.63	0.79				
	905	28.8	1.55	0.47	0.6	0.74	27.6	1.76	0.48	0.62	0.76	26	2	0.48	0.64	0.79	24.4	2.28	0.49	0.66	0.82				
	1020	29.4	1.56	0.48	0.62	0.76	28.2	1.77	0.48	0.64	0.79	26.6	2.01	0.49	0.66	0.82	24.8	2.28	0.51	0.68	0.86				

XP16-024-230-05 - CX34-31B-6F + EL296UH045V36B - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
540	18.9	1.38	17.6	1.35	16.4	1.32	15.2	1.29
595	18.9	1.33	17.7	1.3	16.5	1.27	15.3	1.24
695	19.5	1.27	18.3	1.24	17.1	1.21	15.9	1.18

XP16-024-230-05 - CX34-31B-6F + EL296UH045V36B - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
815	26.8	1.9	20.6	1.71	14.2	1.51	9.8	1.36	5	1.01
905	27.1	1.85	20.9	1.66	14.4	1.46	10.1	1.31	5.2	0.96
1020	27.4	1.8	21.2	1.62	14.8	1.42	10.4	1.27	5.6	0.92

XP16-024-230-05 - CX34-31B-6F + EL296UH045V36B HEATING PERFORMANCE at 905 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.85	27.1
60	1.81	25.6
55	1.77	24.2
50	1.73	22.8
47	1.7	21.9
45	1.66	20.9
40	1.57	18.4
35	1.47	15.8
30	1.47	15.1
25	1.46	14.4
20	1.46	13.7
17	1.46	13.3
15	1.44	12.7
10	1.4	11.3
5	1.31	10.1
0	1.23	8.9
-5	1.14	7.6
-10	1.05	6.4
-15	0.96	5.2
-20	0.88	4

XP16-024-230-05 - CX34-31B-6F + SL280UH090V36B - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW				
63°F	545	18.4	0.87	0.75	0.89	1	17.4	1.02	0.77	0.92	1	16.3	1.19	0.8	0.95	1	15.1	1.38	0.83	0.99	1
	595	18.8	0.87	0.77	0.91	1	17.7	1.02	0.79	0.94	1	16.6	1.19	0.82	0.98	1	15.5	1.38	0.85	1	1
	640	19.1	0.87	0.79	0.94	1	18.1	1.02	0.81	0.97	1	16.9	1.19	0.84	1	1	15.8	1.38	0.88	1	1
67°F	545	19.4	0.87	0.59	0.73	0.85	18.4	1.02	0.61	0.74	0.88	17.4	1.19	0.62	0.77	0.91	16.2	1.38	0.64	0.8	0.95
	595	19.8	0.87	0.6	0.74	0.87	18.8	1.02	0.62	0.76	0.9	17.7	1.19	0.63	0.79	0.94	16.4	1.38	0.65	0.82	0.98
	640	20.2	0.87	0.61	0.76	0.89	19.2	1.03	0.63	0.78	0.93	18	1.19	0.64	0.81	0.97	16.6	1.38	0.67	0.85	1
71°F	545	20.4	0.87	0.46	0.58	0.7	19.4	1.03	0.46	0.58	0.71	18.4	1.19	0.46	0.61	0.74	17.2	1.38	0.47	0.62	0.77
	595	20.6	0.87	0.47	0.58	0.71	19.7	1.03	0.46	0.58	0.73	18.7	1.19	0.47	0.62	0.76	17.5	1.38	0.48	0.64	0.79
	640	21	0.87	0.46	0.6	0.73	20.2	1.03	0.47	0.61	0.75	19	1.2	0.48	0.62	0.78	17.8	1.38	0.48	0.65	0.81

XP16-024-230-05 - CX34-31B-6F + SL280UH090V36B - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW				
63°F	780	25.6	1.53	0.76	0.9	1	24.2	1.74	0.78	0.93	1	22.8	1.98	0.81	0.97	1	21.2	2.25	0.84	1	1
	880	26.2	1.54	0.79	0.94	1	24.8	1.74	0.81	0.97	1	23.4	1.98	0.84	1	1	21.8	2.25	0.87	1	1
	925	26.4	1.54	0.8	0.95	1	25	1.74	0.82	0.98	1	23.6	1.98	0.85	1	1	22.2	2.26	0.89	1	1
67°F	780	27	1.54	0.6	0.73	0.86	25.6	1.75	0.6	0.76	0.89	24	1.99	0.63	0.78	0.93	22.4	2.25	0.64	0.8	0.97
	880	27.6	1.55	0.62	0.76	0.9	26.2	1.75	0.63	0.78	0.93	24.6	2	0.64	0.81	0.96	23	2.26	0.67	0.84	1
	925	28	1.55	0.62	0.77	0.91	26.4	1.76	0.64	0.79	0.94	25	1.99	0.65	0.82	0.98	23.2	2.26	0.68	0.86	1
71°F	780	28	1.55	0.46	0.58	0.71	26.8	1.76	0.46	0.59	0.73	25.4	2	0.46	0.61	0.75	23.8	2.27	0.48	0.63	0.78
	880	28.6	1.55	0.47	0.6	0.73	27.4	1.76	0.47	0.61	0.75	26	2	0.48	0.63	0.78	24.2	2.27	0.49	0.65	0.81
	925	28.8	1.55	0.47	0.6	0.74	27.6	1.76	0.47	0.62	0.77	26.2	2	0.47	0.64	0.79	24.4	2.27	0.49	0.66	0.83

XP16-024-230-05 - CX34-31B-6F + SL280UH090V36B - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
547	18.9	1.38	17.7	1.35	16.4	1.32	15.2	1.29
594	19	1.33	17.7	1.3	16.5	1.27	15.3	1.24
640	19.2	1.3	18	1.27	16.8	1.24	15.6	1.21

XP16-024-230-05 - CX34-31B-6F + SL280UH090V36B - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
780	26.7	1.92	20.5	1.73	14.1	1.53	9.7	1.38	4.9	1.03
879	26.9	1.86	20.8	1.68	14.3	1.47	10	1.32	5.2	0.97
925	27	1.84	20.9	1.65	14.4	1.45	10.1	1.3	5.3	0.94

XP16-024-230-05 - CX34-31B-6F + SL280UH090V36B HEATING PERFORMANCE at 879 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.86	26.9
60	1.82	25.5
55	1.78	24.1
50	1.74	22.7
47	1.71	21.8
45	1.68	20.8
40	1.58	18.3
35	1.48	15.7
30	1.47	15
25	1.47	14.3
20	1.47	13.6
17	1.47	13.2
15	1.45	12.6
10	1.41	11.2
5	1.32	10
0	1.23	8.8
-5	1.14	7.6
-10	1.06	6.4
-15	0.97	5.2
-20	0.88	4

XP16-024-230-05 - CX34-31B-6F + SLP98UH070V36B - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	505	18	0.87	0.73	0.87	0.99	17	1.02	0.76	0.89	1	15.9	1.19	0.78	0.93	1	14.8	1.38	0.8	0.97	1				
	560	18.5	0.87	0.75	0.89	1	17.5	1.02	0.77	0.92	1	16.3	1.19	0.8	0.96	1	15.1	1.38	0.83	1	1				
	665	19.2	0.87	0.79	0.95	1	18.2	1.02	0.82	0.98	1	17.1	1.19	0.85	1	1	16	1.38	0.89	1	1				
67°F	505	19	0.87	0.58	0.71	0.83	18.1	1.02	0.59	0.73	0.85	17.1	1.19	0.61	0.75	0.88	15.8	1.38	0.62	0.77	0.92				
	560	19.5	0.87	0.59	0.73	0.85	18.5	1.02	0.61	0.75	0.88	17.4	1.19	0.62	0.77	0.92	16.2	1.38	0.64	0.8	0.96				
	665	20.4	0.87	0.62	0.77	0.91	19.3	1.03	0.64	0.79	0.94	18.1	1.19	0.65	0.82	0.98	16.8	1.38	0.68	0.86	1				
71°F	505	19.7	0.87	0.46	0.57	0.68	19.1	1.03	0.45	0.57	0.7	18.1	1.19	0.46	0.59	0.72	16.9	1.38	0.46	0.61	0.75				
	560	20.4	0.87	0.46	0.58	0.7	19.5	1.03	0.46	0.58	0.72	18.5	1.19	0.46	0.61	0.74	17.3	1.38	0.47	0.63	0.77				
	665	21.2	0.87	0.47	0.6	0.74	20.2	1.03	0.47	0.62	0.76	19.1	1.2	0.48	0.63	0.79	17.9	1.38	0.49	0.66	0.82				

XP16-024-230-05 - CX34-31B-6F + SLP98UH070V36B - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	705	25	1.53	0.74	0.87	0.99	23.6	1.74	0.76	0.9	1	22.2	1.97	0.79	0.93	1	20.6	2.24	0.81	0.97	1				
	810	25.8	1.53	0.77	0.91	1	24.4	1.74	0.79	0.94	1	22.8	1.98	0.82	0.98	1	21.4	2.24	0.85	1	1				
	960	26.8	1.54	0.8	0.96	1	25.2	1.75	0.83	0.99	1	23.8	1.99	0.86	1	1	22.4	2.26	0.9	1	1				
67°F	705	26.2	1.54	0.59	0.72	0.83	25	1.75	0.59	0.73	0.86	23.6	1.98	0.61	0.76	0.89	22	2.25	0.63	0.78	0.93				
	810	27.2	1.54	0.6	0.74	0.87	25.8	1.75	0.61	0.76	0.9	24.2	1.99	0.63	0.79	0.94	22.6	2.26	0.65	0.82	0.98				
	960	28	1.55	0.63	0.78	0.92	26.6	1.76	0.64	0.8	0.96	25	2	0.66	0.83	0.99	23.4	2.26	0.68	0.87	1				
71°F	705	27.4	1.55	0.46	0.57	0.69	26.2	1.75	0.46	0.58	0.71	24.8	1.99	0.46	0.59	0.73	23.4	2.26	0.47	0.61	0.76				
	810	28.2	1.55	0.47	0.59	0.72	27	1.76	0.46	0.6	0.74	25.4	2	0.47	0.62	0.76	23.8	2.27	0.48	0.63	0.79				
	960	29	1.56	0.48	0.61	0.75	27.8	1.77	0.48	0.63	0.77	26.4	2.01	0.48	0.65	0.8	24.6	2.28	0.48	0.67	0.84				

XP16-024-230-05 - CX34-31B-6F + SLP98UH070V36B - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
504	18.6	1.42	17.4	1.39	16.1	1.36	14.9	1.32
558	18.9	1.37	17.7	1.34	16.4	1.3	15.2	1.27
665	19.4	1.28	18.1	1.25	16.9	1.22	15.7	1.18

XP16-024-230-05 - CX34-31B-6F + SLP98UH070V36B - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
705	26.4	1.99	20.3	1.79	13.9	1.57	9.6	1.4	4.8	1.05
810	26.7	1.92	20.6	1.71	14.2	1.49	10	1.33	5.1	0.98
960	27.1	1.84	21	1.64	14.7	1.42	10.4	1.26	5.6	0.9

XP16-024-230-05 - CX34-31B-6F + SLP98UH070V36B HEATING PERFORMANCE at 810 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.92	26.7
60	1.87	25.3
55	1.83	23.9
50	1.78	22.5
47	1.75	21.6
45	1.71	20.6
40	1.61	18.1
35	1.51	15.6
30	1.5	14.9
25	1.49	14.2
20	1.49	13.6
17	1.48	13.1
15	1.46	12.6
10	1.42	11.2
5	1.33	10
0	1.24	8.8
-5	1.15	7.6
-10	1.07	6.4
-15	0.98	5.1
-20	0.89	3.9

XP16-024-230-05 - CX34-38A-6F + SL280UH070V36A - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	645	19.1	0.87	0.8	0.96	1	18	1.03	0.83	0.99	1	16.9	1.2	0.86	1	1	15.8	1.38	0.89	1	1
	645	19.1	0.87	0.8	0.96	1	18	1.03	0.82	0.99	1	16.9	1.2	0.86	1	1	15.8	1.38	0.89	1	1
	690	19.4	0.87	0.82	0.98	1	18.3	1.03	0.84	1	1	17.2	1.2	0.88	1	1	16.1	1.38	0.92	1	1
67°F	645	20.4	0.87	0.62	0.77	0.92	19.2	1.03	0.64	0.8	0.95	17.9	1.2	0.65	0.83	0.99	16.5	1.38	0.68	0.86	1
	645	20.4	0.87	0.62	0.77	0.92	19.2	1.03	0.63	0.8	0.95	17.9	1.2	0.65	0.83	0.99	16.5	1.38	0.68	0.86	1
	690	20.8	0.87	0.63	0.79	0.94	19.5	1.03	0.65	0.82	0.98	18.2	1.2	0.67	0.85	1	16.7	1.38	0.69	0.89	1
71°F	645	21.8	0.88	0.46	0.61	0.75	20.6	1.03	0.47	0.62	0.77	19.1	1.2	0.48	0.64	0.8	17.7	1.38	0.49	0.66	0.83
	645	21.8	0.88	0.46	0.6	0.74	20.4	1.03	0.47	0.62	0.77	19.1	1.2	0.47	0.64	0.8	17.7	1.38	0.48	0.66	0.83
	690	22	0.88	0.47	0.62	0.76	20.8	1.03	0.47	0.63	0.79	19.4	1.2	0.48	0.65	0.82	17.9	1.38	0.49	0.68	0.86

XP16-024-230-05 - CX34-38A-6F + SL280UH070V36A - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	830	26.2	1.54	0.78	0.93	1	24.6	1.74	0.81	0.97	1	23.2	1.99	0.84	1	1	21.6	2.25	0.87	1	1
	835	26.2	1.54	0.79	0.94	1	24.8	1.74	0.81	0.97	1	23.2	1.99	0.84	1	1	21.6	2.24	0.87	1	1
	930	26.8	1.54	0.81	0.97	1	25.4	1.75	0.84	1	1	24	1.99	0.87	1	1	22.4	2.26	0.91	1	1
67°F	830	27.6	1.55	0.62	0.76	0.9	26.2	1.75	0.63	0.78	0.93	24.6	1.99	0.64	0.81	0.96	22.8	2.26	0.66	0.84	1
	835	27.6	1.55	0.62	0.76	0.9	26.2	1.75	0.63	0.78	0.93	24.6	1.99	0.65	0.81	0.96	22.8	2.26	0.66	0.84	1
	930	28.4	1.55	0.63	0.79	0.93	26.8	1.76	0.65	0.81	0.97	25.2	2	0.66	0.84	1	23.2	2.27	0.69	0.88	1
71°F	830	28.8	1.56	0.46	0.59	0.73	27.6	1.77	0.47	0.61	0.75	26	2.01	0.48	0.63	0.78	24.2	2.27	0.48	0.65	0.81
	835	28.8	1.56	0.46	0.59	0.73	27.6	1.77	0.47	0.62	0.76	26	2.01	0.48	0.63	0.78	24.2	2.27	0.48	0.65	0.81
	930	29.6	1.56	0.46	0.62	0.76	28	1.77	0.48	0.62	0.78	26.6	2.01	0.49	0.65	0.81	24.8	2.28	0.49	0.67	0.85

XP16-024-230-05 - CX34-38A-6F + SL280UH070V36A - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
647	18.9	1.18	17.7	1.17	16.5	1.15	15.4	1.13
647	18.8	1.18	17.7	1.16	16.5	1.15	15.3	1.13
690	19.1	1.16	18	1.14	16.8	1.12	15.6	1.1

XP16-024-230-05 - CX34-38A-6F + SL280UH070V36A - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
830	25.7	1.79	20.2	1.6	14.2	1.4	10.7	1.22	5.4	0.9
833	25.7	1.78	20.2	1.6	14.2	1.4	10.7	1.22	5.5	0.9
930	26	1.74	20.4	1.55	14.5	1.35	11	1.17	5.7	0.85

XP16-024-230-05 - CX34-38A-6F + SL280UH070V36A HEATING PERFORMANCE at 833 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.78	25.7
60	1.74	24.5
55	1.7	23.2
50	1.65	22
47	1.63	21.3
45	1.6	20.2
40	1.52	17.5
35	1.44	14.8
30	1.42	14.5
25	1.4	14.2
20	1.37	14
17	1.36	13.8
15	1.34	13.3
10	1.3	12.1
5	1.22	10.7
0	1.14	9.4
-5	1.06	8.1
-10	0.98	6.8
-15	0.9	5.5
-20	0.82	4.1

XP16-024-230-05 - CX34-38B-6F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	525	18.2	0.87	0.76	0.9	1	17.2	1.03	0.78	0.93	1	16.1	1.2	0.81	0.96	1	14.9	1.38	0.84	1	1				
	600	18.9	0.87	0.79	0.95	1	17.8	1.03	0.82	0.98	1	16.6	1.2	0.85	1	1	15.6	1.38	0.88	1	1				
	675	19.4	0.87	0.83	0.99	1	18.4	1.03	0.85	1	1	17.3	1.2	0.89	1	1	16.2	1.38	0.93	1	1				
67°F	525	19.6	0.87	0.6	0.73	0.86	18.4	1.03	0.62	0.75	0.89	17.2	1.2	0.63	0.78	0.93	15.9	1.38	0.65	0.81	0.97				
	600	20.2	0.87	0.62	0.77	0.91	19	1.03	0.64	0.79	0.94	17.8	1.2	0.66	0.82	0.97	16.4	1.38	0.68	0.85	1				
	675	20.8	0.88	0.64	0.8	0.95	19.5	1.03	0.66	0.82	0.98	18.2	1.2	0.68	0.86	1	16.8	1.38	0.7	0.9	1				
71°F	525	20.8	0.87	0.46	0.59	0.71	19.6	1.03	0.47	0.6	0.73	18.4	1.2	0.47	0.61	0.75	17	1.38	0.48	0.63	0.78				
	600	21.6	0.88	0.47	0.61	0.74	20.2	1.03	0.48	0.62	0.76	18.9	1.2	0.49	0.64	0.79	17.5	1.38	0.5	0.66	0.82				
	675	22.2	0.88	0.48	0.63	0.77	20.8	1.03	0.49	0.64	0.8	19.4	1.2	0.5	0.66	0.83	17.9	1.38	0.51	0.69	0.87				

XP16-024-230-05 - CX34-38B-6F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	700	25.2	1.53	0.75	0.89	1	23.8	1.74	0.78	0.92	1	22.4	1.98	0.8	0.95	1	20.8	2.25	0.83	0.99	1				
	800	26	1.54	0.79	0.93	1	24.6	1.74	0.81	0.96	1	23.2	1.99	0.84	0.99	1	21.6	2.25	0.87	1	1				
	900	26.8	1.54	0.81	0.97	1	25.4	1.75	0.84	1	1	23.8	1.99	0.87	1	1	22.4	2.26	0.91	1	1				
67°F	700	26.6	1.54	0.6	0.73	0.85	25.4	1.75	0.62	0.75	0.88	23.8	1.99	0.63	0.77	0.91	22.2	2.26	0.65	0.8	0.95				
	800	27.6	1.55	0.62	0.76	0.89	26	1.75	0.64	0.78	0.92	24.4	1.99	0.65	0.81	0.96	22.8	2.26	0.67	0.84	1				
	900	28.2	1.55	0.62	0.79	0.93	26.8	1.76	0.65	0.81	0.97	25	2	0.67	0.84	1	23.2	2.27	0.69	0.88	1				
71°F	700	28.2	1.55	0.46	0.59	0.7	26.8	1.76	0.46	0.6	0.72	25.2	2	0.47	0.61	0.75	23.6	2.27	0.48	0.63	0.77				
	800	28.8	1.56	0.47	0.6	0.73	27.6	1.77	0.48	0.62	0.76	26	2	0.49	0.64	0.78	24.2	2.27	0.49	0.66	0.81				
	900	29.6	1.56	0.47	0.63	0.76	28	1.77	0.49	0.63	0.79	26.6	2.01	0.5	0.66	0.81	24.8	2.28	0.5	0.68	0.85				

XP16-024-230-05 - CX34-38B-6F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
525	18.8	1.3	17.7	1.28	16.5	1.26	15.4	1.24
600	19.1	1.23	18	1.21	16.9	1.19	15.7	1.17
675	19.5	1.18	18.3	1.16	17.2	1.14	16.1	1.12

XP16-024-230-05 - CX34-38B-6F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
700	25.8	1.89	20.3	1.69	14.4	1.49	10.9	1.31	5.3	0.98
800	26.2	1.82	20.7	1.63	14.7	1.42	11.3	1.24	5.7	0.91
900	26.5	1.77	21	1.58	15	1.37	11.6	1.19	6	0.86

XP16-024-230-05 - CX34-38B-6F

HEATING PERFORMANCE at 800 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.82	26.2
60	1.78	25
55	1.73	23.7
50	1.69	22.5
47	1.66	21.8
45	1.63	20.7
40	1.55	17.9
35	1.47	15.2
30	1.45	15
25	1.42	14.7
20	1.4	14.5
17	1.38	14.4
15	1.37	13.9
10	1.32	12.6
5	1.24	11.3
0	1.16	9.9
-5	1.08	8.5
-10	0.99	7.1
-15	0.91	5.7
-20	0.83	4.3

XP16-024-230-05 - CX34-38B-6F + EL296UH045V36B - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	540	18.3	0.87	0.76	0.9	1	17.2	1.03	0.78	0.93	1	16.1	1.2	0.8	0.97	1	14.9	1.38	0.84	1	1				
	595	18.7	0.87	0.78	0.93	1	17.6	1.03	0.8	0.96	1	16.5	1.2	0.83	0.99	1	15.3	1.38	0.86	1	1				
	695	19.4	0.87	0.82	0.99	1	18.4	1.03	0.85	1	1	17.3	1.2	0.88	1	1	16.2	1.38	0.92	1	1				
67°F	540	19.6	0.87	0.6	0.73	0.86	18.4	1.03	0.61	0.75	0.89	17.2	1.2	0.62	0.77	0.92	15.9	1.38	0.64	0.81	0.97				
	595	20	0.87	0.61	0.75	0.89	18.9	1.03	0.62	0.77	0.92	17.6	1.2	0.64	0.8	0.96	16.3	1.38	0.66	0.83	1				
	695	20.8	0.88	0.63	0.79	0.95	19.5	1.03	0.65	0.82	0.98	18.2	1.2	0.67	0.85	1	16.7	1.38	0.69	0.89	1				
71°F	540	20.8	0.87	0.45	0.58	0.7	19.7	1.03	0.46	0.59	0.72	18.4	1.2	0.46	0.61	0.75	17	1.38	0.47	0.63	0.78				
	595	21.4	0.88	0.45	0.59	0.72	20	1.03	0.46	0.61	0.75	18.8	1.2	0.47	0.62	0.77	17.4	1.38	0.48	0.64	0.8				
	695	22.2	0.88	0.47	0.62	0.76	20.8	1.03	0.48	0.64	0.79	19.4	1.2	0.48	0.66	0.82	17.9	1.38	0.49	0.68	0.86				

XP16-024-230-05 - CX34-38B-6F + EL296UH045V36B - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	815	26	1.54	0.78	0.93	1	24.6	1.74	0.8	0.96	1	23	1.98	0.83	0.99	1	21.6	2.25	0.86	1	1				
	905	26.6	1.54	0.81	0.96	1	25.2	1.75	0.83	0.99	1	23.8	1.98	0.86	1	1	22.2	2.26	0.9	1	1				
	1020	27.4	1.54	0.84	1	1	26	1.75	0.86	1	1	24.6	2	0.9	1	1	23	2.26	0.94	1	1				
67°F	815	27.6	1.55	0.62	0.75	0.89	26	1.75	0.63	0.78	0.92	24.4	1.99	0.64	0.8	0.96	22.8	2.26	0.66	0.84	0.99				
	905	28.2	1.55	0.63	0.78	0.93	26.6	1.76	0.64	0.8	0.96	25	2	0.66	0.83	0.99	23.2	2.26	0.68	0.87	1				
	1020	28.8	1.55	0.65	0.81	0.97	27.2	1.76	0.67	0.84	1	25.6	2	0.68	0.87	1	23.6	2.27	0.71	0.91	1				
71°F	815	28.8	1.56	0.46	0.59	0.73	27.4	1.77	0.47	0.61	0.75	26	2	0.48	0.63	0.78	24.2	2.27	0.48	0.65	0.81				
	905	29.4	1.56	0.46	0.62	0.75	28	1.77	0.48	0.62	0.78	26.4	2.01	0.48	0.64	0.81	24.6	2.28	0.49	0.67	0.84				
	1020	30.2	1.57	0.47	0.64	0.78	28.6	1.77	0.48	0.65	0.81	27	2.02	0.5	0.67	0.84	25.2	2.29	0.51	0.7	0.89				

XP16-024-230-05 - CX34-38B-6F + EL296UH045V36B - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
540	18.5	1.27	17.3	1.25	16.2	1.23	15	1.21
595	18.6	1.22	17.5	1.2	16.3	1.18	15.2	1.16
695	19.2	1.16	18	1.14	16.9	1.12	15.8	1.1

XP16-024-230-05 - CX34-38B-6F + EL296UH045V36B - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
815	25.7	1.79	20.1	1.61	14.1	1.42	10.6	1.25	5.2	0.93
905	26	1.74	20.4	1.56	14.4	1.38	10.8	1.2	5.5	0.89
1020	26.3	1.7	20.7	1.52	14.7	1.33	11.1	1.16	5.8	0.84

XP16-024-230-05 - CX34-38B-6F + EL296UH045V36B HEATING PERFORMANCE at 905 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.74	26
60	1.7	24.7
55	1.66	23.5
50	1.62	22.2
47	1.59	21.5
45	1.56	20.4
40	1.49	17.7
35	1.42	15
30	1.4	14.7
25	1.38	14.4
20	1.35	14.1
17	1.34	13.9
15	1.32	13.4
10	1.28	12.1
5	1.2	10.8
0	1.12	9.5
-5	1.04	8.2
-10	0.96	6.8
-15	0.89	5.5
-20	0.81	4.2

XP16-024-230-05 - CX34-38B-6F + SL280UH090V36B - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	545	18.3	0.87	0.76	0.91	1	17.3	1.03	0.78	0.93	1	16.2	1.19	0.81	0.97	1	14.9	1.38	0.84	1	1				
	595	18.7	0.87	0.78	0.93	1	17.6	1.03	0.8	0.96	1	16.4	1.19	0.83	1	1	15.3	1.38	0.86	1	1				
	640	19	0.87	0.8	0.96	1	18	1.03	0.82	0.99	1	16.8	1.2	0.85	1	1	15.7	1.38	0.89	1	1				
67°F	545	19.6	0.87	0.6	0.73	0.87	18.5	1.03	0.61	0.75	0.89	17.3	1.2	0.62	0.78	0.93	16	1.38	0.64	0.81	0.97				
	595	20	0.87	0.61	0.75	0.89	18.9	1.03	0.62	0.77	0.92	17.6	1.2	0.64	0.8	0.96	16.2	1.38	0.66	0.83	1				
	640	20.4	0.87	0.62	0.77	0.92	19.2	1.03	0.63	0.79	0.95	17.9	1.2	0.65	0.82	0.99	16.5	1.38	0.67	0.86	1				
71°F	545	20.8	0.87	0.45	0.58	0.7	19.7	1.03	0.46	0.59	0.72	18.5	1.2	0.46	0.61	0.75	17.1	1.38	0.47	0.63	0.78				
	595	21.4	0.88	0.46	0.59	0.72	20	1.03	0.46	0.61	0.74	18.8	1.2	0.47	0.62	0.77	17.4	1.38	0.48	0.64	0.8				
	640	21.8	0.88	0.46	0.6	0.74	20.4	1.03	0.47	0.62	0.77	19.1	1.2	0.47	0.64	0.8	17.6	1.38	0.48	0.66	0.83				

XP16-024-230-05 - CX34-38B-6F + SL280UH090V36B - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	780	25.8	1.53	0.77	0.91	1	24.4	1.74	0.79	0.94	1	22.8	1.98	0.82	0.98	1	21.2	2.25	0.85	1	1				
	880	26.4	1.54	0.8	0.95	1	25	1.75	0.82	0.98	1	23.4	1.98	0.85	1	1	22	2.26	0.89	1	1				
	925	26.8	1.54	0.81	0.97	1	25.2	1.75	0.84	1	1	23.8	1.99	0.87	1	1	22.4	2.26	0.9	1	1				
67°F	780	27.2	1.54	0.61	0.74	0.87	25.8	1.75	0.62	0.76	0.9	24.2	1.99	0.63	0.79	0.94	22.6	2.26	0.65	0.82	0.98				
	880	28	1.55	0.62	0.77	0.92	26.4	1.76	0.64	0.8	0.95	24.8	1.99	0.65	0.82	0.98	23	2.27	0.67	0.86	1				
	925	28.2	1.55	0.62	0.78	0.93	26.8	1.76	0.64	0.81	0.96	25	2	0.66	0.84	1	23.2	2.27	0.68	0.87	1				
71°F	780	28.6	1.55	0.46	0.59	0.72	27.2	1.76	0.46	0.6	0.74	25.8	2	0.47	0.62	0.76	24	2.27	0.48	0.64	0.79				
	880	29.2	1.56	0.46	0.59	0.75	27.8	1.77	0.48	0.61	0.77	26.2	2.01	0.48	0.63	0.8	24.6	2.28	0.49	0.66	0.83				
	925	29.6	1.56	0.46	0.62	0.76	28	1.77	0.48	0.62	0.78	26.4	2.01	0.48	0.65	0.81	24.6	2.28	0.49	0.67	0.84				

XP16-024-230-05 - CX34-38B-6F + SL280UH090V36B - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
547	18.5	1.26	17.4	1.24	16.2	1.22	15.1	1.2
594	18.6	1.22	17.5	1.2	16.4	1.18	15.2	1.16
640	18.8	1.19	17.7	1.17	16.6	1.15	15.4	1.13

XP16-024-230-05 - CX34-38B-6F + SL280UH090V36B - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
780	25.6	1.81	20	1.63	14	1.44	10.5	1.26	5.2	0.94
879	25.9	1.76	20.3	1.57	14.3	1.38	10.7	1.21	5.5	0.89
925	26	1.74	20.4	1.55	14.4	1.36	10.9	1.19	5.6	0.87

XP16-024-230-05 - CX34-38B-6F + SL280UH090V36B HEATING PERFORMANCE at 879 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.76	25.9
60	1.71	24.6
55	1.67	23.4
50	1.63	22.1
47	1.6	21.4
45	1.57	20.3
40	1.5	17.6
35	1.43	14.9
30	1.4	14.6
25	1.38	14.3
20	1.36	14
17	1.35	13.8
15	1.33	13.3
10	1.29	12.1
5	1.21	10.7
0	1.13	9.4
-5	1.05	8.1
-10	0.97	6.8
-15	0.89	5.5
-20	0.81	4.1

XP16-024-230-05 - CX34-38B-6F + SLP98UH070V36B - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	505	18	0.87	0.74	0.88	1	16.9	1.03	0.76	0.91	1	15.8	1.19	0.79	0.94	1	14.6	1.38	0.82	0.98	1				
	560	18.4	0.87	0.76	0.91	1	17.3	1.03	0.78	0.94	1	16.2	1.2	0.81	0.97	1	15	1.38	0.84	1	1				
	665	19.2	0.87	0.81	0.97	1	18.2	1.03	0.83	1	1	17.1	1.2	0.87	1	1	15.9	1.38	0.9	1	1				
67°F	505	19.2	0.87	0.59	0.72	0.84	18.4	1.03	0.59	0.73	0.86	17	1.2	0.61	0.76	0.9	15.7	1.38	0.63	0.79	0.94				
	560	19.7	0.87	0.6	0.74	0.87	18.6	1.03	0.61	0.76	0.9	17.3	1.2	0.63	0.78	0.93	16	1.38	0.64	0.81	0.98				
	665	20.6	0.87	0.63	0.78	0.93	19.4	1.03	0.64	0.81	0.96	18	1.2	0.66	0.84	1	16.6	1.38	0.68	0.88	1				
71°F	505	20.4	0.87	0.45	0.57	0.69	19.3	1.03	0.45	0.58	0.71	18.1	1.2	0.46	0.59	0.73	16.7	1.38	0.46	0.61	0.76				
	560	21	0.87	0.45	0.58	0.71	19.8	1.03	0.46	0.59	0.73	18.5	1.2	0.46	0.61	0.75	17.1	1.38	0.47	0.63	0.78				
	665	22	0.88	0.46	0.61	0.75	20.6	1.03	0.47	0.63	0.78	19.3	1.2	0.48	0.64	0.81	17.8	1.38	0.49	0.67	0.84				

XP16-024-230-05 - CX34-38B-6F + SLP98UH070V36B - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	705	25.2	1.53	0.74	0.88	1	23.8	1.74	0.77	0.91	1	22.2	1.98	0.79	0.94	1	20.6	2.25	0.82	0.98	1				
	810	26	1.54	0.78	0.93	1	24.6	1.74	0.8	0.96	1	23	1.98	0.83	0.99	1	21.4	2.25	0.86	1	1				
	960	27	1.54	0.82	0.98	1	25.4	1.74	0.85	1	1	24.2	1.99	0.88	1	1	22.6	2.26	0.92	1	1				
67°F	705	26.6	1.54	0.59	0.72	0.84	25.2	1.75	0.61	0.74	0.87	23.8	1.98	0.62	0.76	0.9	22	2.25	0.63	0.79	0.94				
	810	27.4	1.55	0.61	0.75	0.89	26	1.75	0.63	0.77	0.92	24.4	1.99	0.64	0.8	0.95	22.6	2.26	0.66	0.83	0.99				
	960	28.4	1.55	0.64	0.79	0.95	27	1.76	0.65	0.82	0.98	25.2	2	0.67	0.85	1	23.4	2.27	0.7	0.89	1				
71°F	705	28	1.55	0.45	0.58	0.69	26.6	1.76	0.45	0.58	0.71	25.2	2	0.46	0.6	0.74	23.6	2.27	0.47	0.62	0.76				
	810	28.8	1.56	0.46	0.59	0.73	27.4	1.77	0.47	0.61	0.75	25.8	2	0.47	0.63	0.77	24.2	2.28	0.48	0.64	0.8				
	960	29.8	1.56	0.46	0.63	0.77	28.2	1.78	0.48	0.63	0.79	26.6	2.01	0.49	0.66	0.82	24.8	2.29	0.49	0.67	0.86				

XP16-024-230-05 - CX34-38B-6F + SLP98UH070V36B - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
504	18.3	1.31	17.2	1.28	16	1.26	14.9	1.24
558	18.4	1.25	17.3	1.23	16.2	1.2	15.1	1.18
665	18.9	1.18	17.8	1.15	16.7	1.13	15.6	1.11

XP16-024-230-05 - CX34-38B-6F + SLP98UH070V36B - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
705	25.2	1.87	19.7	1.67	13.7	1.46	10.2	1.29	5	0.96
810	25.7	1.8	20.1	1.61	14.2	1.4	10.7	1.22	5.4	0.9
960	26.1	1.73	20.5	1.54	14.6	1.33	11.1	1.15	5.8	0.83

XP16-024-230-05 - CX34-38B-6F + SLP98UH070V36B HEATING PERFORMANCE at 810 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.8	25.7
60	1.76	24.4
55	1.71	23.2
50	1.67	22
47	1.64	21.2
45	1.61	20.1
40	1.53	17.4
35	1.45	14.7
30	1.42	14.5
25	1.4	14.2
20	1.38	13.9
17	1.37	13.7
15	1.35	13.3
10	1.3	12
5	1.22	10.7
0	1.14	9.4
-5	1.06	8.1
-10	0.98	6.8
-15	0.9	5.4
-20	0.82	4.1

XP16-036-230-05 - CBX26UH-036 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	995	27.6	1.2	0.79	0.95	1	26.6	1.39	0.82	0.98	1	25.4	1.6	0.85	1	1	24	1.85	0.88	1	1				
	995	27.6	1.2	0.79	0.95	1	26.6	1.39	0.82	0.98	1	25.4	1.6	0.85	1	1	24	1.85	0.88	1	1				
	1260	29.2	1.18	0.85	1	1	28.2	1.37	0.88	1	1	27	1.58	0.92	1	1	25.8	1.82	0.96	1	1				
67°F	995	29.2	1.18	0.62	0.77	0.91	28	1.37	0.63	0.79	0.94	26.8	1.58	0.65	0.82	0.97	25.2	1.83	0.67	0.85	1				
	995	29.2	1.18	0.62	0.77	0.91	28	1.37	0.63	0.79	0.94	26.8	1.58	0.65	0.82	0.97	25.2	1.83	0.67	0.85	1				
	1260	30.2	1.17	0.65	0.82	0.98	29.2	1.36	0.67	0.85	1	27.8	1.57	0.69	0.89	1	26.2	1.82	0.72	0.93	1				
71°F	995	30.8	1.17	0.47	0.61	0.74	29.6	1.35	0.47	0.62	0.76	28.4	1.56	0.48	0.64	0.79	26.8	1.81	0.48	0.66	0.82				
	995	30.8	1.17	0.47	0.61	0.74	29.6	1.35	0.47	0.62	0.76	28.4	1.56	0.48	0.64	0.79	26.8	1.81	0.48	0.66	0.82				
	1260	31.6	1.15	0.48	0.64	0.79	30.6	1.33	0.49	0.66	0.82	29.4	1.54	0.5	0.68	0.86	27.8	1.79	0.51	0.7	0.9				

XP16-036-230-05 - CBX26UH-036 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1080	37	2.14	0.74	0.87	0.99	35.4	2.41	0.76	0.89	1	33.6	2.73	0.78	0.92	1	31.6	3.1	0.8	0.96	1				
	1260	38	2.14	0.77	0.91	1	36.4	2.42	0.79	0.94	1	34.6	2.73	0.81	0.97	1	32.8	3.11	0.84	1	1				
	1380	38.5	2.15	0.78	0.93	1	37	2.42	0.81	0.96	1	35.4	2.74	0.83	0.99	1	33.6	3.11	0.87	1	1				
67°F	1080	39	2.15	0.6	0.71	0.84	37.4	2.43	0.6	0.73	0.86	35.6	2.74	0.61	0.75	0.89	33.6	3.11	0.63	0.77	0.92				
	1260	40	2.16	0.61	0.74	0.87	38.5	2.43	0.62	0.76	0.9	36.6	2.75	0.63	0.78	0.93	34.4	3.12	0.65	0.81	0.97				
	1380	40.5	2.16	0.62	0.76	0.9	39	2.43	0.63	0.78	0.93	37	2.75	0.64	0.8	0.96	34.8	3.11	0.66	0.84	0.99				
71°F	1080	41	2.16	0.46	0.58	0.69	39.5	2.44	0.46	0.59	0.71	37.6	2.75	0.47	0.6	0.73	35.4	3.13	0.47	0.61	0.75				
	1260	42	2.17	0.46	0.59	0.72	40.5	2.44	0.47	0.61	0.74	38.5	2.76	0.48	0.62	0.76	36.4	3.13	0.48	0.64	0.78				
	1380	43	2.18	0.47	0.6	0.73	41	2.45	0.48	0.62	0.76	39	2.77	0.48	0.63	0.78	36.8	3.14	0.49	0.65	0.81				

XP16-036-230-05 - CBX26UH-036 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
995	31.4	1.98	29.3	1.97	27.2	1.96	25.2	1.95
995	31.4	1.98	29.3	1.97	27.2	1.96	25.2	1.95
1260	32.2	1.88	30.1	1.87	28	1.86	25.9	1.85

XP16-036-230-05 - CBX26UH-036 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1079	42.4	3.09	33.7	2.79	24.7	2.47	17.9	2.23	8.8	1.66
1260	42.8	2.99	34.2	2.69	25.2	2.37	18.4	2.13	9.3	1.56
1382	43.1	2.94	34.5	2.65	25.5	2.33	18.6	2.08	9.6	1.51

XP16-036-230-05 - CBX26UH-036

HEATING PERFORMANCE at 1260 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.99	42.8
60	2.92	40.8
55	2.86	38.8
50	2.79	36.8
47	2.75	35.6
45	2.69	34.2
40	2.54	30.8
35	2.39	27.4
30	2.38	26.3
25	2.37	25.2
20	2.37	24.1
17	2.36	23.5
15	2.34	22.7
10	2.27	20.7
5	2.13	18.4
0	1.99	16.1
-5	1.84	13.8
-10	1.7	11.6
-15	1.56	9.3
-20	1.42	7

XP16-036-230-05 - CBX27UH-036 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	840	27.2	1.2	0.78	0.93	1	25.8	1.39	0.8	0.96	1	24.4	1.61	0.82	0.98	1	22.8	1.86	0.85	1	1				
	840	27.2	1.2	0.78	0.93	1	25.8	1.39	0.8	0.96	1	24.4	1.61	0.82	0.98	1	22.8	1.86	0.85	1	1				
	1200	29.6	1.18	0.88	1	1	28.4	1.36	0.9	1	1	27	1.57	0.94	1	1	25.4	1.82	0.97	1	1				
67°F	840	29	1.18	0.61	0.75	0.89	27.6	1.37	0.62	0.77	0.92	26	1.59	0.63	0.79	0.95	24.4	1.84	0.65	0.82	0.98				
	840	29	1.18	0.61	0.75	0.89	27.6	1.37	0.62	0.77	0.92	26	1.59	0.63	0.79	0.95	24.4	1.84	0.65	0.82	0.98				
	1200	31	1.16	0.67	0.85	1	29.4	1.35	0.68	0.88	1	27.8	1.56	0.7	0.91	1	25.8	1.81	0.73	0.95	1				
71°F	840	30.6	1.16	0.45	0.59	0.73	29.2	1.35	0.46	0.6	0.74	27.8	1.56	0.46	0.62	0.76	25.8	1.81	0.47	0.63	0.79				
	840	30.6	1.16	0.45	0.59	0.73	29.2	1.35	0.46	0.6	0.74	27.8	1.56	0.46	0.62	0.76	25.8	1.81	0.47	0.63	0.79				
	1200	32.8	1.14	0.48	0.66	0.83	31.2	1.32	0.49	0.67	0.85	29.6	1.53	0.5	0.69	0.88	27.6	1.78	0.5	0.71	0.92				

XP16-036-230-05 - CBX27UH-036 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	975	36.4	2.14	0.74	0.87	0.99	34.6	2.41	0.75	0.9	1	32.4	2.72	0.78	0.93	1	30.2	3.1	0.8	0.96	1				
	1200	38	2.15	0.78	0.94	1	36	2.42	0.8	0.97	1	33.8	2.74	0.83	0.99	1	31.6	3.1	0.86	1	1				
	1330	39	2.16	0.81	0.97	1	36.8	2.43	0.83	0.99	1	34.6	2.74	0.86	1	1	32.6	3.12	0.89	1	1				
67°F	975	39	2.16	0.58	0.71	0.84	36.8	2.43	0.59	0.73	0.86	34.6	2.74	0.61	0.75	0.89	32.2	3.12	0.62	0.78	0.93				
	1200	40.5	2.17	0.61	0.76	0.9	38	2.44	0.62	0.78	0.93	36	2.75	0.64	0.8	0.97	33.4	3.12	0.66	0.84	0.99				
	1330	41	2.18	0.63	0.79	0.94	39	2.44	0.64	0.81	0.97	36.6	2.76	0.66	0.84	0.99	34	3.13	0.68	0.87	1				
71°F	975	41	2.17	0.44	0.57	0.69	39	2.44	0.45	0.58	0.7	36.6	2.76	0.45	0.59	0.72	34.2	3.13	0.46	0.61	0.75				
	1200	42.5	2.19	0.46	0.6	0.73	40.5	2.46	0.46	0.61	0.75	38	2.77	0.47	0.62	0.78	35.4	3.13	0.47	0.64	0.81				
	1330	43.5	2.19	0.46	0.61	0.76	41.5	2.46	0.47	0.63	0.78	39	2.77	0.47	0.64	0.81	36	3.13	0.48	0.67	0.84				

XP16-036-230-05 - CBX27UH-036 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
840	29.8	1.86	27.8	1.82	25.7	1.78	23.7	1.75
840	29.8	1.86	27.8	1.82	25.7	1.78	23.7	1.75
1200	30.6	1.68	28.6	1.64	26.6	1.6	24.6	1.56

XP16-036-230-05 - CBX27UH-036 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
975	41.2	2.94	32.2	2.66	22.8	2.37	16.2	2.08	8.1	1.57
1200	41.7	2.78	32.7	2.5	23.3	2.21	16.7	1.91	8.5	1.41
1330	42.1	2.72	33.1	2.44	23.7	2.15	17.1	1.85	8.9	1.34

XP16-036-230-05 - CBX27UH-036

HEATING PERFORMANCE at 1200 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.78	41.7
60	2.71	39.6
55	2.65	37.5
50	2.58	35.4
47	2.54	34.2
45	2.5	32.7
40	2.4	29
35	2.31	25.3
30	2.26	24.3
25	2.21	23.3
20	2.16	22.3
17	2.13	21.7
15	2.11	20.8
10	2.04	18.7
5	1.91	16.7
0	1.79	14.7
-5	1.66	12.6
-10	1.53	10.6
-15	1.41	8.5
-20	1.28	6.5

XP16-036-230-05 - CBX27UH-042 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F	75°F	80°F	85°F	
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1000	28	1.22	0.84	1	1	26.8	1.4	0.86	1	1	25.4	1.6	0.89	1	1	24	1.84	0.93	1	1				
	1000	28	1.22	0.84	1	1	26.8	1.4	0.86	1	1	25.4	1.6	0.89	1	1	24	1.84	0.93	1	1				
	1200	29.4	1.21	0.9	1	1	28.2	1.39	0.93	1	1	26.8	1.59	0.96	1	1	25.2	1.82	0.99	1	1				
67°F	1000	29.6	1.21	0.64	0.81	0.97	28.2	1.39	0.66	0.84	1	26.6	1.59	0.67	0.86	1	24.6	1.83	0.7	0.9	1				
	1000	29.6	1.21	0.64	0.81	0.97	28.2	1.39	0.66	0.84	1	26.6	1.59	0.67	0.86	1	24.6	1.83	0.7	0.9	1				
	1200	30.4	1.2	0.68	0.87	1	29	1.38	0.7	0.9	1	27.2	1.58	0.72	0.94	1	25.4	1.82	0.74	0.97	1				
71°F	1000	31.2	1.19	0.47	0.63	0.79	29.8	1.37	0.48	0.65	0.81	28.2	1.57	0.48	0.66	0.84	26.4	1.81	0.49	0.68	0.87				
	1000	31.2	1.19	0.47	0.63	0.79	29.8	1.37	0.48	0.65	0.81	28.2	1.57	0.48	0.66	0.84	26.4	1.81	0.49	0.68	0.87				
	1200	32.2	1.18	0.49	0.67	0.85	30.8	1.36	0.49	0.68	0.88	29	1.56	0.5	0.71	0.91	27	1.8	0.51	0.73	0.95				

XP16-036-230-05 - CBX27UH-042 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F	75°F	80°F	85°F	
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1020	36.4	2.25	0.76	0.91	1	34.6	2.5	0.78	0.93	1	32.4	2.8	0.8	0.96	1	30.4	3.14	0.83	0.99	1				
	1200	37.6	2.27	0.8	0.96	1	35.6	2.52	0.82	0.99	1	33.6	2.81	0.85	1	1	31.6	3.17	0.88	1	1				
	1385	39	2.28	0.84	1	1	37	2.54	0.86	1	1	35	2.83	0.89	1	1	33	3.18	0.93	1	1				
67°F	1020	38.5	2.28	0.6	0.74	0.87	36.6	2.53	0.61	0.75	0.9	34.6	2.83	0.62	0.77	0.93	32.2	3.17	0.63	0.8	0.96				
	1200	40	2.3	0.62	0.78	0.93	37.8	2.55	0.63	0.8	0.96	35.6	2.84	0.65	0.82	0.98	33.2	3.19	0.67	0.85	1				
	1385	41	2.31	0.65	0.82	0.98	38.5	2.56	0.66	0.84	1	36.4	2.85	0.68	0.87	1	33.8	3.2	0.7	0.91	1				
71°F	1020	40.5	2.31	0.45	0.58	0.71	38.5	2.56	0.45	0.59	0.73	36.4	2.86	0.46	0.61	0.75	34	3.2	0.46	0.62	0.78				
	1200	42	2.33	0.46	0.61	0.75	40	2.58	0.46	0.62	0.77	37.6	2.88	0.47	0.64	0.8	35	3.22	0.48	0.66	0.83				
	1385	43	2.34	0.47	0.63	0.79	41	2.59	0.48	0.65	0.82	38.5	2.89	0.48	0.67	0.85	35.8	3.23	0.49	0.69	0.89				

XP16-036-230-05 - CBX27UH-042 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1000	30.3	1.73	28.2	1.69	26.1	1.65	24	1.61
1000	30.3	1.73	28.2	1.69	26.1	1.65	24	1.61
1200	30.8	1.64	28.7	1.6	26.7	1.56	24.6	1.52

XP16-036-230-05 - CBX27UH-042 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1020	41.5	2.94	32.4	2.59	22.9	2.23	16.1	1.91	8.1	1.46
1200	41.8	2.81	32.7	2.46	23.2	2.1	16.4	1.78	8.4	1.33
1385	42.7	2.73	33.6	2.38	24.1	2.02	17.3	1.7	9.4	1.24

XP16-036-230-05 - CBX27UH-042

HEATING PERFORMANCE at 1200 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.81	41.8
60	2.73	39.6
55	2.64	37.5
50	2.56	35.4
47	2.51	34.1
45	2.46	32.7
40	2.34	29
35	2.21	25.4
30	2.16	24.3
25	2.1	23.2
20	2.05	22
17	2.02	21.4
15	1.98	20.5
10	1.9	18.4
5	1.78	16.4
0	1.67	14.4
-5	1.56	12.4
-10	1.44	10.4
-15	1.33	8.4
-20	1.21	6.4

XP16-036-230-05 - CBX32M-036 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
63°F	1055	28.6	1.19	0.84	1	1	27.4	1.37	0.86	1	1	26	1.58	0.89	1	1	24.4	1.84	0.93	1	1				
	1055	28.6	1.19	0.84	1	1	27.4	1.37	0.86	1	1	26	1.58	0.89	1	1	24.4	1.84	0.93	1	1				
	1175	29.4	1.18	0.87	1	1	28.2	1.36	0.9	1	1	26.8	1.57	0.93	1	1	25.2	1.83	0.97	1	1				
67°F	1055	30.4	1.17	0.64	0.81	0.97	28.8	1.36	0.66	0.84	0.99	27.2	1.57	0.67	0.86	1	25.2	1.83	0.7	0.9	1				
	1055	30.4	1.17	0.64	0.81	0.97	28.8	1.36	0.66	0.84	0.99	27.2	1.57	0.67	0.86	1	25.2	1.83	0.7	0.9	1				
	1175	30.8	1.16	0.66	0.84	1	29.4	1.35	0.68	0.87	1	27.6	1.56	0.7	0.9	1	25.8	1.82	0.72	0.94	1				
71°F	1055	32	1.14	0.47	0.63	0.79	30.6	1.33	0.48	0.65	0.81	29	1.55	0.48	0.66	0.84	27	1.79	0.49	0.68	0.87				
	1055	32	1.14	0.47	0.63	0.79	30.6	1.33	0.48	0.65	0.81	29	1.55	0.48	0.66	0.84	27	1.79	0.49	0.68	0.87				
	1175	32.6	1.14	0.48	0.65	0.82	31.2	1.33	0.49	0.67	0.84	29.4	1.54	0.49	0.68	0.87	27.6	1.79	0.5	0.71	0.91				

XP16-036-230-05 - CBX32M-036 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
63°F	1050	37	2.15	0.75	0.9	1	35	2.41	0.77	0.92	1	33	2.73	0.79	0.95	1	30.6	3.1	0.82	0.98	1				
	1175	38	2.15	0.78	0.93	1	35.8	2.42	0.8	0.96	1	33.8	2.73	0.82	0.98	1	31.4	3.1	0.85	1	1				
	1415	39.5	2.16	0.83	0.99	1	37.2	2.43	0.85	1	1	35.2	2.74	0.88	1	1	33	3.12	0.92	1	1				
67°F	1050	39.5	2.16	0.59	0.73	0.86	37.2	2.43	0.6	0.75	0.89	35	2.75	0.62	0.77	0.92	32.6	3.12	0.63	0.8	0.96				
	1175	40.5	2.17	0.61	0.75	0.9	38	2.43	0.62	0.77	0.93	35.8	2.75	0.63	0.8	0.96	33.4	3.12	0.65	0.83	0.99				
	1415	41.5	2.18	0.64	0.8	0.96	39.5	2.44	0.65	0.83	0.98	37	2.75	0.67	0.86	1	34.4	3.13	0.69	0.89	1				
71°F	1050	41.5	2.18	0.45	0.58	0.7	39.5	2.45	0.45	0.59	0.72	37.2	2.76	0.46	0.6	0.74	34.6	3.13	0.46	0.62	0.77				
	1175	42.5	2.19	0.45	0.59	0.73	40.5	2.45	0.46	0.61	0.75	38	2.77	0.46	0.62	0.77	35.4	3.14	0.47	0.64	0.8				
	1415	44	2.19	0.47	0.63	0.78	41.5	2.46	0.47	0.64	0.8	39	2.77	0.48	0.66	0.83	36.4	3.14	0.49	0.68	0.87				

XP16-036-230-05 - CBX32M-036 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1055	31.2	1.73	29	1.7	26.9	1.68	24.7	1.65
1055	31.2	1.73	29	1.7	26.9	1.68	24.7	1.65
1175	31.1	1.68	29	1.65	26.8	1.63	24.7	1.6

XP16-036-230-05 - CBX32M-036 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1050	42	2.89	32.9	2.6	23.3	2.3	16.6	1.99	8.3	1.49
1175	42.4	2.81	33.3	2.52	23.7	2.22	17	1.92	8.7	1.41
1415	42.9	2.7	33.7	2.41	24.2	2.1	17.5	1.8	9.1	1.3

XP16-036-230-05 - CBX32M-036

HEATING PERFORMANCE at 1175 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.81	42.4
60	2.74	40.3
55	2.67	38.2
50	2.6	36
47	2.56	34.8
45	2.52	33.3
40	2.42	29.5
35	2.32	25.8
30	2.27	24.8
25	2.22	23.7
20	2.17	22.7
17	2.14	22
15	2.11	21.2
10	2.04	19.1
5	1.92	17
0	1.79	14.9
-5	1.66	12.8
-10	1.54	10.8
-15	1.41	8.7
-20	1.29	6.6

XP16-036-230-05 - CBX32MV-036 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F					
63°F	710	26.2	1.21	0.74	0.88	1	25	1.4	0.76	0.9	1	23.4	1.63	0.78	0.93	1	21.8	1.88	0.8	0.96	1				
	890	27.6	1.2	0.79	0.95	1	26.2	1.39	0.81	0.97	1	24.8	1.6	0.84	1	1	23.2	1.85	0.87	1	1				
	970	28.2	1.19	0.81	0.98	1	26.8	1.38	0.84	1	1	25.4	1.6	0.86	1	1	23.8	1.84	0.9	1	1				
67°F	710	27.8	1.19	0.59	0.72	0.84	26.6	1.38	0.59	0.73	0.86	25	1.6	0.6	0.75	0.89	23.4	1.85	0.62	0.77	0.92				
	890	29.4	1.18	0.61	0.76	0.91	28	1.37	0.62	0.78	0.94	26.4	1.58	0.64	0.81	0.97	24.6	1.84	0.66	0.84	1				
	970	29.8	1.17	0.63	0.79	0.94	28.4	1.36	0.64	0.81	0.97	26.8	1.58	0.66	0.84	0.99	25	1.83	0.68	0.87	1				
71°F	710	29.6	1.17	0.44	0.57	0.69	28.2	1.36	0.45	0.58	0.7	26.6	1.58	0.45	0.59	0.72	25	1.83	0.46	0.6	0.74				
	890	31	1.16	0.46	0.6	0.74	29.6	1.34	0.46	0.61	0.76	28	1.56	0.47	0.62	0.78	26.2	1.81	0.47	0.64	0.81				
	970	31.6	1.15	0.46	0.61	0.76	30.2	1.34	0.46	0.63	0.78	28.6	1.55	0.47	0.64	0.81	26.6	1.8	0.48	0.66	0.84				

XP16-036-230-05 - CBX32MV-036 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F					
63°F	1000	36.6	2.14	0.74	0.88	1	34.8	2.41	0.76	0.91	1	32.6	2.73	0.78	0.94	1	30.4	3.1	0.81	0.97	1				
	1255	38.5	2.15	0.79	0.96	1	36.4	2.42	0.82	0.98	1	34.2	2.74	0.84	1	1	32	3.11	0.87	1	1				
	1380	39	2.16	0.82	0.98	1	37	2.43	0.84	1	1	35	2.74	0.87	1	1	32.8	3.12	0.91	1	1				
67°F	1000	39	2.16	0.59	0.72	0.85	37	2.43	0.6	0.73	0.87	34.6	2.74	0.61	0.76	0.9	32.4	3.11	0.62	0.78	0.94				
	1255	41	2.17	0.62	0.77	0.92	38.5	2.44	0.63	0.79	0.95	36.2	2.75	0.65	0.82	0.98	33.8	3.12	0.66	0.85	1				
	1380	41.5	2.18	0.63	0.8	0.96	39	2.45	0.65	0.82	0.98	36.8	2.76	0.66	0.85	1	34.2	3.12	0.68	0.88	1				
71°F	1000	41	2.18	0.45	0.57	0.69	39	2.44	0.45	0.58	0.71	36.8	2.76	0.45	0.59	0.73	34.2	3.12	0.46	0.61	0.76				
	1255	43	2.19	0.46	0.6	0.75	41	2.46	0.46	0.62	0.77	38.5	2.77	0.47	0.63	0.79	35.8	3.13	0.48	0.65	0.82				
	1380	44	2.19	0.47	0.62	0.77	41.5	2.46	0.47	0.63	0.8	39	2.77	0.48	0.65	0.82	36.2	3.14	0.49	0.67	0.86				

XP16-036-230-05 - CBX32MV-036 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
710	28.9	1.98	26.9	1.94	24.8	1.91	22.8	1.87
888	29.8	1.83	27.8	1.79	25.8	1.76	23.7	1.72
970	30.2	1.78	28.1	1.74	26.1	1.7	24.1	1.67

XP16-036-230-05 - CBX32MV-036 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1000	41.4	2.91	32.3	2.64	22.8	2.36	16.2	2.07	8	1.57
1255	42	2.74	32.9	2.47	23.4	2.19	16.8	1.9	8.6	1.4
1380	42.5	2.69	33.4	2.42	23.9	2.14	17.3	1.85	9.1	1.35

XP16-036-230-05 - CBX32MV-036

HEATING PERFORMANCE at 1255 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.74	42
60	2.68	39.9
55	2.61	37.8
50	2.55	35.7
47	2.51	34.4
45	2.47	32.9
40	2.38	29.2
35	2.28	25.5
30	2.24	24.5
25	2.19	23.4
20	2.15	22.4
17	2.12	21.8
15	2.1	21
10	2.03	18.9
5	1.9	16.8
0	1.78	14.7
-5	1.65	12.7
-10	1.53	10.6
-15	1.4	8.6
-20	1.27	6.5

XP16-036-230-05 - CBX32MV-048 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	785	26.4	1.23	0.77	0.93	1	25.2	1.41	0.79	0.95	1	23.6	1.62	0.81	0.98	1	22.2	1.86	0.84	1	1
	785	26.4	1.23	0.77	0.93	1	25.2	1.41	0.79	0.95	1	23.6	1.62	0.81	0.98	1	22.2	1.86	0.84	1	1
	930	27.6	1.23	0.82	0.98	1	26.2	1.4	0.84	1	1	25	1.61	0.87	1	1	23.4	1.85	0.9	1	1
67°F	785	28.2	1.22	0.6	0.75	0.89	26.8	1.4	0.61	0.76	0.91	25.2	1.61	0.63	0.79	0.94	23.6	1.85	0.64	0.82	0.98
	785	28.2	1.22	0.6	0.75	0.89	26.8	1.4	0.61	0.76	0.91	25.2	1.61	0.63	0.79	0.94	23.6	1.85	0.64	0.82	0.98
	930	29.2	1.21	0.63	0.79	0.95	27.8	1.39	0.64	0.81	0.97	26.2	1.6	0.66	0.84	1	24.4	1.84	0.68	0.87	1
71°F	785	29.8	1.21	0.45	0.59	0.72	28.4	1.38	0.45	0.6	0.74	26.8	1.59	0.46	0.61	0.76	25.2	1.83	0.47	0.63	0.79
	785	29.8	1.21	0.45	0.59	0.72	28.4	1.38	0.45	0.6	0.74	26.8	1.59	0.46	0.61	0.76	25.2	1.83	0.47	0.63	0.79
	930	30.8	1.2	0.47	0.62	0.77	29.4	1.37	0.47	0.63	0.79	27.8	1.58	0.47	0.65	0.81	26	1.81	0.48	0.67	0.84

XP16-036-230-05 - CBX32MV-048 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	1205	37.6	2.27	0.8	0.96	1	35.6	2.52	0.82	0.99	1	33.8	2.81	0.85	1	1	31.8	3.17	0.88	1	1
	1205	37.6	2.27	0.8	0.96	1	35.6	2.52	0.82	0.99	1	33.8	2.81	0.85	1	1	31.8	3.17	0.88	1	1
	1375	38.5	2.28	0.84	1	1	36.8	2.54	0.86	1	1	35	2.83	0.89	1	1	32.8	3.18	0.93	1	1
67°F	1205	40	2.3	0.62	0.78	0.93	37.8	2.55	0.63	0.8	0.96	35.6	2.84	0.65	0.82	0.98	33.2	3.19	0.67	0.86	1
	1205	40	2.3	0.62	0.78	0.93	37.8	2.55	0.63	0.8	0.96	35.6	2.84	0.65	0.82	0.98	33.2	3.19	0.67	0.86	1
	1375	41	2.31	0.64	0.82	0.98	38.5	2.56	0.66	0.84	1	36.4	2.85	0.68	0.87	1	33.8	3.2	0.7	0.91	1
71°F	1205	42	2.33	0.46	0.61	0.75	40	2.58	0.46	0.62	0.77	37.6	2.87	0.47	0.64	0.8	35.2	3.22	0.48	0.66	0.83
	1205	42	2.33	0.46	0.61	0.75	40	2.58	0.46	0.62	0.77	37.6	2.87	0.47	0.64	0.8	35.2	3.22	0.48	0.66	0.83
	1375	43	2.34	0.47	0.63	0.79	41	2.59	0.48	0.65	0.82	38.5	2.89	0.48	0.67	0.85	35.8	3.23	0.49	0.69	0.88

XP16-036-230-05 - CBX32MV-048 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
785	29.2	1.9	27.2	1.84	25.3	1.78	23.3	1.73
785	29.2	1.9	27.2	1.84	25.3	1.78	23.3	1.73
930	29.8	1.78	27.9	1.73	25.9	1.67	24	1.61

XP16-036-230-05 - CBX32MV-048 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1205	41.7	2.8	32.6	2.46	23.1	2.1	16.3	1.78	8.4	1.32
1205	41.7	2.8	32.6	2.46	23.1	2.1	16.3	1.78	8.4	1.32
1375	42.3	2.72	33.2	2.38	23.7	2.02	17	1.7	9	1.24

XP16-036-230-05 - CBX32MV-048

HEATING PERFORMANCE at 1205 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.8	41.7
60	2.72	39.6
55	2.64	37.5
50	2.56	35.3
47	2.51	34.1
45	2.46	32.6
40	2.33	29
35	2.21	25.4
30	2.15	24.2
25	2.1	23.1
20	2.05	22
17	2.01	21.3
15	1.98	20.5
10	1.9	18.3
5	1.78	16.3
0	1.67	14.4
-5	1.55	12.4
-10	1.44	10.4
-15	1.32	8.4
-20	1.21	6.4

XP16-036-230-05 - CBX40UHV-030 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	700	26.2	1.21	0.74	0.87	0.99	24.8	1.41	0.75	0.9	1	23.4	1.63	0.77	0.93	1	21.8	1.87	0.8	0.96	1				
	845	27.2	1.2	0.78	0.93	1	26	1.39	0.8	0.96	1	24.4	1.61	0.82	0.98	1	22.8	1.86	0.85	1	1				
	950	28	1.19	0.81	0.97	1	26.6	1.38	0.83	0.99	1	25.2	1.6	0.86	1	1	23.8	1.85	0.89	1	1				
67°F	700	27.8	1.2	0.58	0.71	0.84	26.4	1.39	0.59	0.73	0.86	25	1.6	0.6	0.75	0.89	23.4	1.85	0.62	0.77	0.92				
	845	29	1.18	0.61	0.75	0.89	27.6	1.37	0.62	0.77	0.92	26.2	1.59	0.63	0.79	0.95	24.4	1.84	0.65	0.82	0.98				
	950	29.6	1.17	0.62	0.78	0.93	28.2	1.36	0.64	0.8	0.96	26.8	1.58	0.65	0.83	0.99	24.8	1.83	0.67	0.86	1				
71°F	700	29.4	1.18	0.44	0.56	0.69	28.2	1.37	0.45	0.58	0.7	26.6	1.58	0.45	0.59	0.72	24.8	1.83	0.46	0.6	0.74				
	845	30.8	1.16	0.46	0.59	0.73	29.4	1.35	0.46	0.6	0.75	27.8	1.56	0.46	0.62	0.77	26	1.81	0.47	0.63	0.79				
	950	31.4	1.15	0.46	0.61	0.76	30	1.34	0.47	0.62	0.78	28.4	1.56	0.47	0.64	0.8	26.6	1.8	0.48	0.66	0.83				

XP16-036-230-05 - CBX40UHV-030 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1000	36.6	2.14	0.74	0.88	1	34.8	2.41	0.76	0.91	1	32.6	2.73	0.78	0.94	1	30.4	3.1	0.81	0.97	1				
	1200	38	2.15	0.78	0.94	1	36	2.42	0.8	0.97	1	33.8	2.74	0.83	0.99	1	31.6	3.1	0.86	1	1				
	1320	39	2.16	0.81	0.97	1	36.6	2.42	0.83	0.99	1	34.6	2.74	0.86	1	1	32.4	3.11	0.89	1	1				
67°F	1000	39	2.16	0.59	0.72	0.85	37	2.43	0.6	0.73	0.87	34.6	2.74	0.61	0.76	0.9	32.4	3.11	0.62	0.78	0.94				
	1200	40.5	2.17	0.61	0.76	0.9	38	2.44	0.62	0.78	0.93	36	2.75	0.64	0.8	0.97	33.4	3.12	0.66	0.84	0.99				
	1320	41	2.18	0.63	0.78	0.94	39	2.44	0.64	0.81	0.97	36.6	2.76	0.65	0.83	0.99	34	3.13	0.68	0.87	1				
71°F	1000	41	2.18	0.45	0.57	0.69	39	2.44	0.45	0.58	0.71	36.8	2.76	0.45	0.59	0.73	34.2	3.12	0.46	0.61	0.76				
	1200	42.5	2.19	0.46	0.6	0.73	40.5	2.46	0.46	0.61	0.75	38	2.77	0.47	0.62	0.78	35.4	3.13	0.47	0.64	0.81				
	1320	43.5	2.19	0.46	0.61	0.76	41	2.46	0.47	0.63	0.78	38.5	2.77	0.47	0.64	0.81	36	3.14	0.48	0.67	0.84				

XP16-036-230-05 - CBX40UHV-030 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
700	29.1	2	27.1	1.96	25.1	1.92	23.1	1.88
845	29.7	1.86	27.7	1.82	25.6	1.78	23.6	1.74
950	30.1	1.79	28	1.75	26	1.71	24	1.68

XP16-036-230-05 - CBX40UHV-030 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1000	41.3	2.92	32.3	2.64	22.9	2.35	16.4	2.05	8.2	1.55
1200	41.6	2.78	32.6	2.5	23.2	2.21	16.6	1.91	8.5	1.41
1320	42.1	2.72	33.1	2.44	23.7	2.15	17.2	1.85	9	1.34

XP16-036-230-05 - CBX40UHV-030 HEATING PERFORMANCE at 1200 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.78	41.6
60	2.71	39.5
55	2.65	37.4
50	2.58	35.3
47	2.54	34.1
45	2.5	32.6
40	2.4	28.9
35	2.31	25.2
30	2.26	24.2
25	2.21	23.2
20	2.16	22.2
17	2.13	21.6
15	2.11	20.8
10	2.04	18.7
5	1.91	16.6
0	1.79	14.6
-5	1.66	12.6
-10	1.53	10.5
-15	1.41	8.5
-20	1.28	6.5

XP16-036-230-05 - CBX40UHV-036 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	640	25.4	1.22	0.72	0.85	0.97	24.2	1.41	0.74	0.87	0.99	22.8	1.63	0.75	0.9	1	21.4	1.88	0.78	0.93	1
	815	27	1.2	0.77	0.92	1	25.8	1.39	0.79	0.95	1	24.2	1.61	0.81	0.98	1	22.6	1.87	0.84	1	1
	950	28	1.19	0.81	0.97	1	26.6	1.38	0.83	0.99	1	25.2	1.6	0.86	1	1	23.8	1.85	0.89	1	1
67°F	640	27.2	1.2	0.57	0.7	0.81	26	1.39	0.58	0.71	0.83	24.4	1.61	0.59	0.73	0.86	22.8	1.86	0.6	0.75	0.89
	815	28.8	1.18	0.6	0.74	0.88	27.4	1.37	0.61	0.76	0.91	26	1.59	0.63	0.78	0.94	24.2	1.84	0.64	0.81	0.97
	950	29.6	1.17	0.62	0.78	0.93	28.2	1.36	0.64	0.8	0.96	26.8	1.58	0.65	0.83	0.99	24.8	1.83	0.67	0.86	1
71°F	640	28.8	1.18	0.44	0.56	0.67	27.6	1.37	0.44	0.56	0.68	26	1.59	0.45	0.57	0.7	24.4	1.83	0.45	0.59	0.72
	815	30.4	1.16	0.45	0.59	0.72	29	1.35	0.46	0.6	0.73	27.6	1.56	0.46	0.61	0.76	25.8	1.82	0.47	0.63	0.78
	950	31.4	1.15	0.46	0.61	0.76	30	1.34	0.47	0.62	0.78	28.4	1.56	0.47	0.64	0.8	26.6	1.8	0.48	0.66	0.83

XP16-036-230-05 - CBX40UHV-036 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	1000	36.6	2.14	0.74	0.88	1	34.8	2.41	0.76	0.91	1	32.6	2.73	0.78	0.94	1	30.4	3.1	0.81	0.97	1
	1225	38	2.15	0.79	0.95	1	36.2	2.43	0.81	0.97	1	34	2.74	0.84	0.99	1	31.8	3.1	0.87	1	1
	1380	39	2.16	0.82	0.98	1	37	2.43	0.84	1	1	35	2.74	0.87	1	1	32.8	3.12	0.91	1	1
67°F	1000	39	2.16	0.59	0.72	0.85	37	2.43	0.6	0.73	0.87	34.6	2.74	0.61	0.76	0.9	32.4	3.11	0.62	0.78	0.94
	1225	40.5	2.17	0.61	0.76	0.91	38.5	2.44	0.63	0.79	0.94	36	2.75	0.64	0.81	0.97	33.6	3.12	0.66	0.84	1
	1380	41.5	2.18	0.63	0.8	0.96	39	2.45	0.65	0.82	0.98	36.8	2.76	0.66	0.85	1	34.2	3.12	0.68	0.88	1
71°F	1000	41	2.18	0.45	0.57	0.69	39	2.44	0.45	0.58	0.71	36.8	2.76	0.45	0.59	0.73	34.2	3.12	0.46	0.61	0.76
	1225	43	2.19	0.46	0.6	0.74	40.5	2.46	0.46	0.61	0.76	38	2.77	0.47	0.63	0.79	35.6	3.13	0.48	0.65	0.82
	1380	44	2.19	0.47	0.62	0.77	41.5	2.46	0.47	0.63	0.8	39	2.77	0.48	0.65	0.82	36.2	3.14	0.49	0.67	0.86

XP16-036-230-05 - CBX40UHV-036 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
640	28.8	2.07	26.8	2.03	24.8	1.99	22.8	1.95
815	29.5	1.88	27.5	1.84	25.6	1.8	23.6	1.76
950	30	1.79	28.1	1.75	26.1	1.71	24.1	1.67

XP16-036-230-05 - CBX40UHV-036 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1000	41.3	2.92	32.3	2.64	23	2.36	16.2	2.06	8.1	1.56
1225	41.7	2.76	32.7	2.49	23.4	2.2	16.7	1.91	8.5	1.4
1380	42.3	2.7	33.4	2.42	24	2.14	17.3	1.84	9.1	1.34

XP16-036-230-05 - CBX40UHV-036 HEATING PERFORMANCE at 1225 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.76	41.7
60	2.7	39.6
55	2.63	37.5
50	2.56	35.4
47	2.52	34.2
45	2.49	32.7
40	2.39	29.1
35	2.3	25.6
30	2.25	24.5
25	2.2	23.4
20	2.16	22.3
17	2.13	21.6
15	2.1	20.8
10	2.04	18.7
5	1.91	16.7
0	1.78	14.6
-5	1.66	12.6
-10	1.53	10.6
-15	1.4	8.5
-20	1.28	6.5

XP16-036-230-05 - CBX40UHV-042 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	685	25.6	1.24	0.74	0.88	1	24.4	1.42	0.76	0.9	1	23	1.63	0.78	0.93	1	21.4	1.87	0.8	0.97	1				
	890	27.2	1.23	0.8	0.97	1	26	1.41	0.83	0.99	1	24.6	1.61	0.85	1	1	23.2	1.85	0.88	1	1				
	980	27.8	1.22	0.83	1	1	26.6	1.4	0.86	1	1	25.2	1.61	0.88	1	1	23.8	1.84	0.92	1	1				
67°F	685	27.2	1.23	0.59	0.72	0.84	26	1.41	0.59	0.73	0.86	24.4	1.61	0.61	0.75	0.89	23	1.85	0.62	0.78	0.93				
	890	29	1.21	0.63	0.78	0.93	27.6	1.39	0.63	0.8	0.96	26	1.6	0.65	0.82	0.99	24.2	1.84	0.67	0.86	1				
	980	29.4	1.21	0.64	0.81	0.97	28	1.39	0.65	0.83	0.99	26.4	1.59	0.67	0.86	1	24.6	1.83	0.69	0.89	1				
71°F	685	28.8	1.21	0.44	0.57	0.69	27.6	1.39	0.45	0.58	0.7	26	1.6	0.45	0.59	0.72	24.4	1.83	0.46	0.6	0.75				
	890	30.6	1.2	0.46	0.61	0.76	29.2	1.37	0.47	0.62	0.77	27.6	1.58	0.47	0.64	0.8	25.8	1.82	0.48	0.66	0.83				
	980	31.2	1.19	0.47	0.63	0.78	29.8	1.37	0.47	0.64	0.8	28	1.57	0.48	0.66	0.83	26.2	1.81	0.49	0.68	0.87				

XP16-036-230-05 - CBX40UHV-042 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1000	36.2	2.25	0.76	0.9	1	34.4	2.5	0.77	0.92	1	32.4	2.79	0.79	0.95	1	30.2	3.14	0.82	0.99	1				
	1200	37.6	2.27	0.8	0.96	1	35.6	2.52	0.82	0.99	1	33.6	2.81	0.85	1	1	31.6	3.17	0.88	1	1				
	1320	38.5	2.28	0.83	0.99	1	36.4	2.53	0.85	1	1	34.6	2.83	0.88	1	1	32.6	3.18	0.91	1	1				
67°F	1000	38.5	2.28	0.59	0.73	0.87	36.4	2.53	0.6	0.75	0.89	34.4	2.83	0.62	0.77	0.92	32.2	3.17	0.63	0.8	0.95				
	1200	40	2.3	0.62	0.78	0.93	37.8	2.55	0.63	0.8	0.96	35.6	2.84	0.65	0.82	0.98	33.2	3.19	0.67	0.85	1				
	1320	40.5	2.31	0.64	0.8	0.96	38.5	2.56	0.65	0.83	0.99	36.2	2.85	0.67	0.85	1	33.6	3.2	0.69	0.89	1				
71°F	1000	40.5	2.31	0.45	0.58	0.71	38.5	2.56	0.45	0.59	0.72	36.4	2.86	0.46	0.6	0.74	34	3.2	0.46	0.62	0.77				
	1200	42	2.33	0.46	0.61	0.75	40	2.58	0.46	0.62	0.77	37.6	2.88	0.47	0.64	0.8	35	3.22	0.48	0.66	0.83				
	1320	42.5	2.34	0.47	0.63	0.78	40.5	2.59	0.47	0.64	0.8	38	2.88	0.48	0.66	0.83	35.6	3.23	0.49	0.68	0.87				

XP16-036-230-05 - CBX40UHV-042 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
684	28.8	2.01	26.8	1.96	24.8	1.91	22.8	1.86
889	29.7	1.81	27.7	1.76	25.7	1.71	23.7	1.66
981	30.2	1.74	28.2	1.69	26.1	1.65	24.1	1.6

XP16-036-230-05 - CBX40UHV-042 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1000	41.4	2.96	32.3	2.61	22.8	2.25	16	1.93	8	1.47
1200	41.7	2.81	32.6	2.46	23.1	2.1	16.4	1.78	8.4	1.33
1320	42.4	2.75	33.3	2.41	23.8	2.05	17	1.73	9	1.27

XP16-036-230-05 - CBX40UHV-042

HEATING PERFORMANCE at 1200 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.81	41.7
60	2.73	39.6
55	2.64	37.5
50	2.56	35.4
47	2.51	34.1
45	2.46	32.6
40	2.34	29
35	2.21	25.4
30	2.16	24.3
25	2.1	23.1
20	2.05	22
17	2.02	21.4
15	1.98	20.5
10	1.9	18.4
5	1.78	16.4
0	1.67	14.4
-5	1.56	12.4
-10	1.44	10.4
-15	1.33	8.4
-20	1.21	6.4

XP16-036-230-05 - CBX40UHV-048 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	725	26	1.24	0.76	0.9	1	24.6	1.42	0.77	0.92	1	23.2	1.63	0.79	0.95	1	21.8	1.87	0.82	0.99	1				
	725	26	1.24	0.76	0.9	1	24.6	1.42	0.77	0.92	1	23.2	1.63	0.79	0.95	1	21.8	1.87	0.82	0.99	1				
	890	27.2	1.23	0.8	0.97	1	25.8	1.41	0.83	0.99	1	24.6	1.61	0.85	1	1	23.2	1.85	0.88	1	1				
67°F	725	27.6	1.22	0.59	0.73	0.86	26.4	1.4	0.6	0.74	0.88	24.8	1.61	0.61	0.77	0.91	23.2	1.85	0.63	0.79	0.95				
	725	27.6	1.22	0.59	0.73	0.86	26.4	1.4	0.6	0.74	0.88	24.8	1.61	0.61	0.77	0.91	23.2	1.85	0.63	0.79	0.95				
	890	29	1.21	0.63	0.78	0.93	27.6	1.39	0.64	0.8	0.96	26	1.6	0.65	0.82	0.99	24.2	1.84	0.67	0.86	1				
71°F	725	29.2	1.21	0.45	0.58	0.7	28	1.39	0.45	0.59	0.72	26.4	1.59	0.45	0.6	0.74	24.8	1.83	0.46	0.61	0.76				
	725	29.2	1.21	0.45	0.58	0.7	28	1.39	0.45	0.59	0.72	26.4	1.59	0.45	0.6	0.74	24.8	1.83	0.46	0.61	0.76				
	890	30.6	1.2	0.46	0.61	0.76	29.2	1.38	0.47	0.62	0.77	27.6	1.58	0.47	0.64	0.8	25.8	1.82	0.48	0.66	0.83				

XP16-036-230-05 - CBX40UHV-048 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	1205	37.6	2.27	0.8	0.96	1	35.6	2.52	0.82	0.99	1	33.8	2.81	0.85	1	1	31.8	3.17	0.88	1	1				
	1205	37.6	2.27	0.8	0.96	1	35.6	2.52	0.82	0.99	1	33.8	2.81	0.85	1	1	31.8	3.17	0.88	1	1				
	1375	38.5	2.28	0.84	1	1	36.8	2.54	0.86	1	1	35	2.83	0.89	1	1	32.8	3.18	0.93	1	1				
67°F	1205	40	2.3	0.62	0.78	0.93	37.8	2.55	0.63	0.8	0.96	35.6	2.84	0.65	0.82	0.98	33.2	3.19	0.67	0.86	1				
	1205	40	2.3	0.62	0.78	0.93	37.8	2.55	0.63	0.8	0.96	35.6	2.84	0.65	0.82	0.98	33.2	3.19	0.67	0.86	1				
	1375	41	2.31	0.64	0.82	0.98	38.5	2.56	0.66	0.84	1	36.4	2.85	0.68	0.87	1	33.8	3.2	0.7	0.91	1				
71°F	1205	42	2.33	0.46	0.61	0.75	40	2.58	0.46	0.62	0.77	37.6	2.87	0.47	0.64	0.8	35.2	3.22	0.48	0.66	0.83				
	1205	42	2.33	0.46	0.61	0.75	40	2.58	0.46	0.62	0.77	37.6	2.87	0.47	0.64	0.8	35.2	3.22	0.48	0.66	0.83				
	1375	43	2.34	0.47	0.63	0.79	41	2.59	0.48	0.65	0.82	38.5	2.89	0.48	0.67	0.85	35.8	3.23	0.49	0.69	0.88				

XP16-036-230-05 - CBX40UHV-048 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
725	28.8	1.96	27	1.9	25.1	1.84	23.2	1.77
725	28.8	1.96	27	1.9	25.1	1.84	23.2	1.77
890	29.7	1.81	27.8	1.75	25.9	1.69	24	1.62

XP16-036-230-05 - CBX40UHV-048 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1205	41.7	2.8	32.6	2.46	23.1	2.1	16.3	1.78	8.4	1.32
1205	41.7	2.8	32.6	2.46	23.1	2.1	16.3	1.78	8.4	1.32
1375	42.3	2.72	33.2	2.38	23.7	2.02	16.9	1.7	9	1.24

XP16-036-230-05 - CBX40UHV-048 HEATING PERFORMANCE at 1205 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.8	41.7
60	2.72	39.5
55	2.64	37.4
50	2.56	35.3
47	2.51	34
45	2.46	32.6
40	2.33	28.9
35	2.21	25.3
30	2.15	24.2
25	2.1	23.1
20	2.05	21.9
17	2.01	21.3
15	1.98	20.4
10	1.9	18.3
5	1.78	16.3
0	1.67	14.3
-5	1.55	12.3
-10	1.44	10.3
-15	1.32	8.4
-20	1.21	6.4

XP16-036-230-05 - CH33-43B-2F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	790	26.6	1.22	0.78	0.93	1	25.2	1.4	0.8	0.95	1	23.8	1.61	0.82	0.98	1	22.2	1.85	0.85	1	1				
	900	27.4	1.21	0.82	0.97	1	26	1.39	0.84	1	1	24.6	1.6	0.86	1	1	23.2	1.84	0.9	1	1				
	1015	28.2	1.2	0.85	1	1	27	1.38	0.87	1	1	25.6	1.59	0.9	1	1	24.2	1.82	0.94	1	1				
67°F	790	28.4	1.2	0.62	0.75	0.88	27.2	1.38	0.63	0.77	0.91	25.6	1.59	0.64	0.79	0.94	23.8	1.83	0.65	0.82	0.98				
	900	29.2	1.19	0.64	0.79	0.93	27.8	1.37	0.65	0.81	0.96	26.2	1.58	0.66	0.83	0.99	24.4	1.82	0.68	0.86	1				
	1015	30	1.19	0.66	0.82	0.98	28.6	1.37	0.67	0.85	1	26.8	1.57	0.69	0.87	1	25	1.81	0.71	0.91	1				
71°F	790	30.4	1.18	0.48	0.6	0.72	29	1.36	0.47	0.61	0.75	27.4	1.57	0.47	0.62	0.77	25.6	1.81	0.48	0.64	0.79				
	900	31.2	1.17	0.48	0.62	0.76	29.8	1.35	0.49	0.63	0.78	28.2	1.56	0.49	0.65	0.81	26.2	1.8	0.5	0.67	0.84				
	1015	31.8	1.17	0.49	0.64	0.79	30.4	1.34	0.49	0.65	0.82	28.6	1.55	0.5	0.67	0.85	26.8	1.79	0.51	0.7	0.88				

XP16-036-230-05 - CH33-43B-2F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	1050	36.8	2.25	0.77	0.91	1	35	2.51	0.79	0.94	1	32.8	2.8	0.81	0.97	1	30.6	3.14	0.84	1	1				
	1200	37.8	2.27	0.8	0.96	1	35.8	2.52	0.83	0.99	1	33.8	2.81	0.85	1	1	31.8	3.17	0.89	1	1				
	1350	38.5	2.28	0.84	1	1	37	2.54	0.86	1	1	35	2.84	0.9	1	1	33	3.18	0.93	1	1				
67°F	1050	39.5	2.29	0.61	0.75	0.88	37.2	2.54	0.62	0.76	0.91	35	2.84	0.63	0.79	0.94	32.6	3.18	0.65	0.82	0.97				
	1200	40.5	2.3	0.63	0.78	0.93	38	2.55	0.64	0.8	0.96	36	2.85	0.66	0.83	0.99	33.4	3.19	0.68	0.86	1				
	1350	41	2.32	0.66	0.82	0.97	39	2.57	0.67	0.84	1	36.6	2.86	0.69	0.87	1	34	3.2	0.71	0.91	1				
71°F	1050	41.5	2.32	0.47	0.59	0.72	39.5	2.57	0.47	0.61	0.74	37.4	2.87	0.48	0.62	0.76	34.8	3.21	0.48	0.64	0.79				
	1200	43	2.34	0.47	0.62	0.76	40.5	2.59	0.48	0.63	0.78	38	2.88	0.49	0.65	0.8	35.6	3.23	0.5	0.67	0.84				
	1350	43.5	2.35	0.49	0.64	0.79	41.5	2.6	0.49	0.66	0.82	39	2.9	0.5	0.68	0.85	36.2	3.24	0.51	0.7	0.88				

XP16-036-230-05 - CH33-43B-2F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
788	28.4	1.71	26.4	1.69	24.4	1.66	22.5	1.64
900	29.3	1.63	27.3	1.61	25.4	1.58	23.4	1.56
1013	29.7	1.56	27.7	1.54	25.7	1.51	23.8	1.49

XP16-036-230-05 - CH33-43B-2F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1050	40.2	2.57	31.6	2.31	22.5	2.03	16.1	1.85	8	1.38
1200	40.7	2.47	32.1	2.21	23	1.93	16.6	1.74	8.5	1.28
1350	41.2	2.4	32.5	2.14	23.5	1.85	17.1	1.67	9	1.21

XP16-036-230-05 - CH33-43B-2F

HEATING PERFORMANCE at 1200 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.47	40.7
60	2.41	38.7
55	2.36	36.7
50	2.3	34.7
47	2.27	33.5
45	2.21	32.1
40	2.06	28.5
35	1.91	24.9
30	1.92	24
25	1.93	23
20	1.93	22
17	1.94	21.4
15	1.92	20.6
10	1.86	18.6
5	1.74	16.6
0	1.63	14.6
-5	1.51	12.5
-10	1.4	10.5
-15	1.28	8.5
-20	1.16	6.4

XP16-036-230-05 - CH33-43B-2F + EL296UH045V36B - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	695	25.6	1.22	0.74	0.88	1	24.4	1.41	0.76	0.9	1	23	1.62	0.78	0.93	1	21.4	1.86	0.8	0.97	1				
	865	27	1.21	0.8	0.95	1	25.6	1.39	0.81	0.98	1	24.2	1.6	0.84	1	1	22.8	1.84	0.87	1	1				
	980	27.8	1.21	0.83	1	1	26.6	1.39	0.86	1	1	25.2	1.59	0.88	1	1	23.8	1.83	0.92	1	1				
67°F	695	27.4	1.21	0.59	0.71	0.84	26.2	1.39	0.6	0.73	0.86	24.8	1.6	0.61	0.75	0.89	23	1.84	0.62	0.77	0.92				
	865	28.8	1.2	0.62	0.76	0.91	27.4	1.38	0.63	0.78	0.94	26	1.58	0.64	0.81	0.97	24.2	1.82	0.66	0.84	1				
	980	29.6	1.19	0.65	0.8	0.96	28.2	1.37	0.66	0.83	0.99	26.6	1.58	0.67	0.85	1	24.8	1.82	0.69	0.89	1				
71°F	695	29.2	1.19	0.45	0.57	0.69	28	1.37	0.46	0.58	0.7	26.4	1.58	0.46	0.59	0.72	24.8	1.82	0.46	0.6	0.74				
	865	30.8	1.18	0.47	0.6	0.73	29.4	1.36	0.47	0.62	0.75	27.8	1.56	0.48	0.63	0.78	26	1.8	0.48	0.65	0.81				
	980	31.6	1.17	0.48	0.63	0.78	30.2	1.35	0.48	0.64	0.8	28.4	1.55	0.49	0.66	0.83	26.6	1.79	0.5	0.68	0.86				

XP16-036-230-05 - CH33-43B-2F + EL296UH045V36B - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1020	36.4	2.25	0.76	0.9	1	34.6	2.5	0.78	0.93	1	32.6	2.8	0.8	0.96	1	30.2	3.14	0.82	0.99	1				
	1210	37.8	2.27	0.8	0.96	1	35.8	2.52	0.82	0.99	1	33.8	2.81	0.85	1	1	31.8	3.17	0.88	1	1				
	1370	39	2.28	0.84	1	1	37	2.54	0.87	1	1	35.2	2.84	0.9	1	1	33	3.19	0.94	1	1				
67°F	1020	39	2.28	0.6	0.73	0.87	37	2.54	0.61	0.75	0.89	34.8	2.83	0.62	0.77	0.92	32.4	3.18	0.64	0.8	0.96				
	1210	40.5	2.3	0.63	0.78	0.93	38	2.55	0.64	0.8	0.96	36	2.85	0.66	0.83	0.99	33.4	3.19	0.68	0.86	1				
	1370	41	2.32	0.66	0.82	0.98	39	2.57	0.67	0.84	1	36.6	2.86	0.69	0.87	1	34	3.2	0.71	0.91	1				
71°F	1020	41.5	2.32	0.45	0.58	0.71	39	2.57	0.46	0.6	0.73	37	2.86	0.47	0.61	0.75	34.4	3.21	0.47	0.63	0.77				
	1210	43	2.34	0.47	0.62	0.76	40.5	2.59	0.48	0.63	0.78	38	2.88	0.48	0.64	0.8	35.6	3.23	0.49	0.66	0.83				
	1370	43.5	2.35	0.49	0.65	0.8	41.5	2.6	0.49	0.66	0.82	39	2.9	0.5	0.68	0.85	36.4	3.24	0.51	0.7	0.89				

XP16-036-230-05 - CH33-43B-2F + EL296UH045V36B - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
695	27.7	1.79	25.7	1.76	23.8	1.74	21.8	1.71
865	28.7	1.64	26.7	1.62	24.7	1.59	22.8	1.57
980	29.2	1.57	27.2	1.55	25.2	1.52	23.3	1.49

XP16-036-230-05 - CH33-43B-2F + EL296UH045V36B - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1020	39.8	2.58	31.1	2.32	21.9	2.04	15.5	1.86	7.6	1.4
1210	40.5	2.46	31.8	2.2	22.6	1.92	16.1	1.74	8.3	1.27
1370	41.1	2.39	32.4	2.13	23.2	1.84	16.8	1.66	8.9	1.2

XP16-036-230-05 - CH33-43B-2F + EL296UH045V36B HEATING PERFORMANCE at 1210 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.46	40.5
60	2.4	38.5
55	2.35	36.4
50	2.29	34.4
47	2.26	33.2
45	2.2	31.8
40	2.05	28.2
35	1.9	24.7
30	1.91	23.6
25	1.92	22.6
20	1.92	21.6
17	1.93	21
15	1.91	20.1
10	1.85	18.1
5	1.74	16.1
0	1.62	14.2
-5	1.5	12.2
-10	1.39	10.2
-15	1.27	8.3
-20	1.16	6.3

XP16-036-230-05 - CH33-43B-2F + SL280UH090V36B - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	700	25.6	1.22	0.74	0.88	1	24.4	1.41	0.76	0.9	1	23	1.62	0.78	0.93	1	21.4	1.86	0.8	0.97	1				
	775	26.2	1.22	0.76	0.91	1	25	1.4	0.78	0.94	1	23.6	1.61	0.8	0.97	1	21.8	1.85	0.83	1	1				
	875	27	1.21	0.79	0.95	1	25.6	1.39	0.81	0.98	1	24.2	1.6	0.84	1	1	22.8	1.84	0.87	1	1				
67°F	700	27.6	1.21	0.58	0.71	0.84	26.2	1.39	0.6	0.73	0.86	24.8	1.6	0.61	0.75	0.89	23	1.84	0.62	0.78	0.93				
	775	28.2	1.2	0.6	0.74	0.87	26.8	1.38	0.61	0.76	0.89	25.4	1.59	0.62	0.77	0.93	23.6	1.83	0.64	0.8	0.96				
	875	29	1.2	0.63	0.76	0.91	27.6	1.38	0.63	0.78	0.94	26	1.58	0.65	0.81	0.97	24.2	1.82	0.66	0.84	1				
71°F	700	29.4	1.19	0.45	0.57	0.68	28	1.37	0.45	0.58	0.7	26.6	1.58	0.45	0.59	0.72	24.8	1.82	0.46	0.6	0.74				
	775	30	1.18	0.46	0.58	0.71	28.8	1.36	0.46	0.6	0.73	27.2	1.57	0.46	0.6	0.75	25.4	1.81	0.47	0.62	0.77				
	875	30.8	1.18	0.47	0.61	0.73	29.4	1.36	0.47	0.62	0.76	27.8	1.56	0.47	0.63	0.79	26	1.8	0.48	0.65	0.81				

XP16-036-230-05 - CH33-43B-2F + SL280UH090V36B - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1055	36.6	2.25	0.76	0.91	1	34.8	2.5	0.78	0.94	1	32.8	2.8	0.8	0.97	1	30.4	3.14	0.83	1	1				
	1150	37.4	2.26	0.78	0.94	1	35.4	2.51	0.8	0.97	1	33.2	2.81	0.83	1	1	31.2	3.16	0.86	1	1				
	1390	39	2.28	0.84	1	1	37.2	2.54	0.87	1	1	35.2	2.84	0.9	1	1	33	3.19	0.94	1	1				
67°F	1055	39	2.29	0.6	0.74	0.87	37.2	2.54	0.61	0.76	0.9	35	2.83	0.62	0.78	0.93	32.6	3.18	0.64	0.81	0.97				
	1150	40	2.3	0.61	0.76	0.9	37.6	2.55	0.63	0.78	0.93	35.6	2.84	0.64	0.8	0.96	33	3.19	0.66	0.83	1				
	1390	41.5	2.32	0.66	0.82	0.98	39	2.57	0.67	0.84	1	36.6	2.86	0.69	0.87	1	34.2	3.2	0.71	0.91	1				
71°F	1055	41.5	2.32	0.46	0.59	0.71	39.5	2.57	0.46	0.6	0.73	37.2	2.87	0.46	0.61	0.75	34.6	3.21	0.47	0.63	0.78				
	1150	42	2.33	0.46	0.6	0.74	40	2.58	0.47	0.61	0.76	37.8	2.88	0.47	0.63	0.78	35.2	3.22	0.48	0.65	0.81				
	1390	44	2.35	0.48	0.64	0.8	41.5	2.6	0.49	0.66	0.82	39	2.9	0.5	0.67	0.85	36.4	3.24	0.51	0.7	0.89				

XP16-036-230-05 - CH33-43B-2F + SL280UH090V36B - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
702	27.5	1.78	25.7	1.75	24	1.72	22.2	1.69
776	27.8	1.71	26	1.68	24.2	1.65	22.5	1.62
875	28.5	1.64	26.7	1.61	24.9	1.58	23.1	1.55

XP16-036-230-05 - CH33-43B-2F + SL280UH090V36B - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1055	39.5	2.56	30.9	2.29	21.9	1.99	15.5	1.81	7.8	1.34
1149	39.9	2.49	31.2	2.22	22.2	1.93	15.9	1.74	8.1	1.28
1390	40.7	2.38	32.1	2.11	23.1	1.82	16.7	1.63	9	1.17

XP16-036-230-05 - CH33-43B-2F + SL280UH090V36B HEATING PERFORMANCE at 1149 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.49	39.9
60	2.43	37.8
55	2.38	35.8
50	2.32	33.8
47	2.28	32.6
45	2.22	31.2
40	2.07	27.7
35	1.92	24.2
30	1.92	23.2
25	1.93	22.2
20	1.94	21.2
17	1.94	20.6
15	1.92	19.8
10	1.86	17.8
5	1.74	15.9
0	1.63	13.9
-5	1.51	12
-10	1.4	10.1
-15	1.28	8.1
-20	1.16	6.2

XP16-036-230-05 - CH33-43B-2F + SL280UH090V48B - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	690	25.6	1.22	0.74	0.87	1	24.4	1.41	0.76	0.9	1	23	1.62	0.78	0.93	1	21.4	1.86	0.8	0.96	1				
	815	26.6	1.22	0.78	0.92	1	25.2	1.4	0.79	0.95	1	23.8	1.61	0.82	0.98	1	22.2	1.85	0.85	1	1				
	890	27.2	1.21	0.8	0.96	1	25.8	1.39	0.82	0.99	1	24.4	1.6	0.85	1	1	23	1.84	0.88	1	1				
67°F	690	27.4	1.21	0.58	0.71	0.84	26.2	1.39	0.6	0.73	0.86	24.6	1.6	0.61	0.75	0.89	23	1.84	0.62	0.77	0.92				
	815	28.6	1.2	0.61	0.75	0.89	27	1.38	0.62	0.77	0.91	25.6	1.59	0.63	0.79	0.95	23.8	1.83	0.65	0.82	0.98				
	890	29.2	1.19	0.63	0.77	0.92	27.6	1.38	0.64	0.79	0.95	26	1.58	0.65	0.82	0.98	24.2	1.82	0.67	0.85	1				
71°F	690	29.2	1.19	0.45	0.57	0.68	28	1.37	0.45	0.58	0.7	26.4	1.58	0.45	0.59	0.72	24.8	1.82	0.46	0.6	0.74				
	815	30.4	1.18	0.46	0.59	0.72	29	1.36	0.46	0.6	0.74	27.4	1.57	0.47	0.61	0.76	25.6	1.8	0.47	0.63	0.79				
	890	31	1.17	0.47	0.61	0.75	29.6	1.35	0.47	0.62	0.76	28	1.56	0.48	0.64	0.79	26	1.8	0.48	0.65	0.82				

XP16-036-230-05 - CH33-43B-2F + SL280UH090V48B - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1060	36.8	2.25	0.76	0.91	1	34.8	2.51	0.78	0.94	1	32.8	2.8	0.8	0.97	1	30.4	3.14	0.83	1	1				
	1205	37.6	2.27	0.8	0.96	1	35.8	2.52	0.82	0.98	1	33.6	2.81	0.84	1	1	31.8	3.16	0.88	1	1				
	1335	38.5	2.28	0.83	0.99	1	36.6	2.53	0.85	1	1	34.8	2.83	0.88	1	1	32.8	3.18	0.92	1	1				
67°F	1060	39	2.29	0.6	0.74	0.87	37.2	2.54	0.61	0.76	0.9	35	2.83	0.62	0.78	0.93	32.6	3.18	0.64	0.81	0.97				
	1205	40	2.3	0.62	0.77	0.92	38	2.55	0.63	0.79	0.95	35.8	2.85	0.65	0.82	0.98	33.4	3.19	0.67	0.85	1				
	1335	41	2.31	0.64	0.8	0.96	39	2.56	0.66	0.83	0.99	36.4	2.86	0.67	0.86	1	33.8	3.2	0.7	0.89	1				
71°F	1060	41.5	2.32	0.46	0.59	0.71	39.5	2.57	0.46	0.6	0.73	37.2	2.87	0.47	0.61	0.75	34.8	3.21	0.47	0.63	0.78				
	1205	42.5	2.34	0.46	0.61	0.75	40.5	2.59	0.47	0.62	0.77	38	2.88	0.48	0.64	0.79	35.6	3.22	0.49	0.66	0.83				
	1335	43.5	2.35	0.48	0.63	0.79	41.5	2.6	0.48	0.65	0.81	39	2.89	0.49	0.66	0.83	36.2	3.23	0.5	0.68	0.87				

XP16-036-230-05 - CH33-43B-2F + SL280UH090V48B - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
690	27.5	1.79	25.7	1.77	23.9	1.74	22.1	1.71
813	28	1.68	26.2	1.65	24.4	1.62	22.6	1.6
890	28.6	1.63	26.8	1.6	25	1.57	23.2	1.55

XP16-036-230-05 - CH33-43B-2F + SL280UH090V48B - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1060	39.5	2.54	30.9	2.29	21.9	2.01	15.6	1.83	7.7	1.37
1204	40	2.45	31.4	2.2	22.4	1.92	16	1.74	8.2	1.28
1335	40.5	2.39	31.9	2.14	22.9	1.86	16.5	1.68	8.7	1.22

XP16-036-230-05 - CH33-43B-2F + SL280UH090V48B HEATING PERFORMANCE at 1204 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.45	40
60	2.39	38
55	2.34	36
50	2.29	34
47	2.25	32.8
45	2.2	31.4
40	2.05	27.9
35	1.9	24.3
30	1.91	23.4
25	1.92	22.4
20	1.93	21.4
17	1.93	20.8
15	1.91	20
10	1.86	18
5	1.74	16
0	1.62	14.1
-5	1.51	12.1
-10	1.39	10.2
-15	1.28	8.2
-20	1.16	6.2

XP16-036-230-05 - CH33-43B-2F + SLP98UH070V36B - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	740	26	1.22	0.75	0.89	1	24.8	1.4	0.77	0.92	1	23.2	1.61	0.79	0.95	1	21.6	1.86	0.82	0.99	1				
	845	26.8	1.22	0.79	0.94	1	25.4	1.4	0.8	0.97	1	24	1.61	0.83	1	1	22.6	1.85	0.86	1	1				
	970	27.8	1.21	0.83	0.99	1	26.4	1.39	0.85	1	1	25.2	1.59	0.87	1	1	23.6	1.83	0.91	1	1				
67°F	740	27.8	1.2	0.6	0.73	0.85	26.6	1.39	0.61	0.74	0.89	25	1.59	0.61	0.76	0.91	23.4	1.83	0.63	0.79	0.95				
	845	28.8	1.2	0.62	0.76	0.9	27.4	1.38	0.62	0.78	0.93	25.8	1.59	0.64	0.8	0.96	24	1.83	0.66	0.83	1				
	970	29.6	1.19	0.64	0.8	0.95	28.2	1.37	0.66	0.82	0.98	26.6	1.58	0.67	0.85	1	24.6	1.82	0.69	0.88	1				
71°F	740	29.8	1.19	0.45	0.58	0.7	28.4	1.37	0.46	0.59	0.71	26.8	1.57	0.46	0.6	0.74	25.2	1.81	0.47	0.61	0.76				
	845	30.6	1.18	0.46	0.61	0.73	29.2	1.36	0.47	0.61	0.75	27.6	1.56	0.47	0.63	0.77	25.8	1.8	0.48	0.64	0.8				
	970	31.4	1.17	0.48	0.63	0.77	30	1.35	0.48	0.64	0.79	28.4	1.55	0.48	0.65	0.82	26.6	1.79	0.49	0.67	0.85				

XP16-036-230-05 - CH33-43B-2F + SLP98UH070V36B - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1060	36.8	2.25	0.77	0.91	1	34.8	2.51	0.78	0.94	1	32.8	2.8	0.81	0.97	1	30.4	3.14	0.83	1	1				
	1220	37.8	2.27	0.8	0.96	1	35.8	2.52	0.82	0.99	1	33.8	2.82	0.85	1	1	31.8	3.17	0.88	1	1				
	1365	38.5	2.28	0.84	1	1	37	2.54	0.86	1	1	35.2	2.84	0.9	1	1	33	3.19	0.93	1	1				
67°F	1060	39	2.29	0.6	0.74	0.87	37.2	2.54	0.61	0.76	0.9	35	2.83	0.63	0.78	0.93	32.6	3.18	0.64	0.81	0.97				
	1220	40.5	2.31	0.63	0.78	0.93	38	2.55	0.64	0.8	0.96	36	2.85	0.66	0.83	0.99	33.4	3.19	0.68	0.86	1				
	1365	41	2.32	0.66	0.82	0.98	39	2.57	0.67	0.84	1	36.6	2.86	0.68	0.87	1	34	3.2	0.71	0.91	1				
71°F	1060	41.5	2.32	0.46	0.59	0.72	39.5	2.57	0.46	0.6	0.73	37.2	2.87	0.47	0.61	0.75	34.8	3.21	0.47	0.63	0.78				
	1220	43	2.34	0.47	0.62	0.76	40.5	2.59	0.48	0.63	0.78	38	2.88	0.48	0.64	0.8	35.6	3.23	0.49	0.66	0.84				
	1365	43.5	2.35	0.48	0.64	0.79	41.5	2.6	0.49	0.66	0.82	39	2.9	0.5	0.67	0.85	36.4	3.24	0.51	0.7	0.88				

XP16-036-230-05 - CH33-43B-2F + SLP98UH070V36B - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
740	27.8	1.74	25.9	1.72	23.9	1.69	22	1.66
843	28.5	1.66	26.5	1.63	24.5	1.6	22.6	1.58
970	29	1.58	27	1.55	25.1	1.53	23.1	1.5

XP16-036-230-05 - CH33-43B-2F + SLP98UH070V36B - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1060	39.6	2.54	31	2.29	22	2.01	15.6	1.84	7.6	1.37
1218	40.3	2.44	31.7	2.19	22.6	1.92	16.3	1.74	8.3	1.28
1365	40.9	2.38	32.3	2.13	23.3	1.85	16.9	1.68	8.9	1.21

XP16-036-230-05 - CH33-43B-2F + SLP98UH070V36B HEATING PERFORMANCE at 1218 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.44	40.3
60	2.39	38.3
55	2.34	36.3
50	2.28	34.3
47	2.25	33.1
45	2.19	31.7
40	2.04	28.1
35	1.9	24.6
30	1.91	23.6
25	1.92	22.6
20	1.93	21.7
17	1.93	21.1
15	1.91	20.3
10	1.86	18.3
5	1.74	16.3
0	1.62	14.3
-5	1.51	12.3
-10	1.39	10.3
-15	1.28	8.3
-20	1.16	6.3

XP16-036-230-05 - CH33-43C-2F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	790	26.6	1.22	0.78	0.92	1	25.4	1.4	0.8	0.95	1	24	1.61	0.82	0.98	1	22.6	1.85	0.85	1	1				
	900	27.4	1.21	0.81	0.96	1	26.2	1.39	0.83	0.99	1	24.8	1.6	0.86	1	1	23.6	1.84	0.89	1	1				
	1015	28	1.21	0.84	1	1	27	1.39	0.86	1	1	25.8	1.59	0.89	1	1	24.4	1.83	0.93	1	1				
67°F	790	28.2	1.21	0.62	0.75	0.88	27	1.39	0.63	0.77	0.91	25.6	1.6	0.64	0.79	0.94	24	1.84	0.66	0.82	0.97				
	900	29	1.2	0.64	0.78	0.92	27.8	1.38	0.65	0.8	0.95	26.2	1.59	0.66	0.83	0.98	24.6	1.83	0.68	0.86	1				
	1015	29.6	1.19	0.65	0.81	0.96	28.4	1.37	0.67	0.83	0.99	26.8	1.58	0.69	0.86	1	25.2	1.82	0.71	0.9	1				
71°F	790	29.4	1.2	0.47	0.6	0.73	28.2	1.38	0.47	0.6	0.74	27	1.58	0.48	0.63	0.76	25.4	1.82	0.49	0.64	0.79				
	900	30.4	1.19	0.48	0.62	0.75	29.2	1.37	0.47	0.64	0.78	27.6	1.57	0.49	0.64	0.8	26	1.81	0.5	0.66	0.83				
	1015	31	1.18	0.49	0.64	0.78	29.8	1.36	0.5	0.65	0.8	28.2	1.56	0.5	0.67	0.83	26.6	1.8	0.51	0.69	0.87				

XP16-036-230-05 - CH33-43C-2F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1050	36.8	2.24	0.76	0.9	1	35	2.49	0.78	0.93	1	33.2	2.78	0.8	0.96	1	31.2	3.12	0.83	0.99	1				
	1200	37.8	2.25	0.79	0.94	1	36	2.5	0.81	0.97	1	34	2.79	0.84	1	1	32	3.14	0.87	1	1				
	1350	38.5	2.26	0.82	0.98	1	36.8	2.51	0.84	1	1	35	2.81	0.87	1	1	33	3.15	0.9	1	1				
67°F	1050	38.5	2.26	0.61	0.74	0.87	36.8	2.51	0.62	0.76	0.89	35	2.81	0.63	0.78	0.92	32.8	3.15	0.65	0.8	0.95				
	1200	39.5	2.28	0.62	0.77	0.91	37.8	2.53	0.64	0.79	0.93	35.8	2.82	0.66	0.81	0.96	33.6	3.16	0.67	0.84	0.99				
	1350	40.5	2.29	0.63	0.79	0.94	38.5	2.54	0.66	0.82	0.97	36.6	2.83	0.67	0.84	1	34.2	3.17	0.69	0.88	1				
71°F	1050	40	2.28	0.47	0.59	0.71	38.5	2.54	0.48	0.61	0.73	36.6	2.83	0.48	0.62	0.75	34.4	3.17	0.49	0.64	0.78				
	1200	41	2.3	0.48	0.61	0.74	39.5	2.55	0.48	0.63	0.76	37.4	2.85	0.49	0.64	0.79	35.2	3.19	0.5	0.66	0.82				
	1350	42	2.31	0.49	0.62	0.77	40.5	2.56	0.49	0.64	0.79	38.5	2.86	0.5	0.66	0.82	36	3.2	0.51	0.68	0.85				

XP16-036-230-05 - CH33-43C-2F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
788	29	2.1	27.1	2.07	25.2	2.03	23.3	2
900	29.5	2	27.6	1.96	25.7	1.93	23.8	1.89
1013	29.9	1.92	28	1.88	26.1	1.85	24.2	1.81

XP16-036-230-05 - CH33-43C-2F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1050	40.5	3.45	32.2	3.07	23.4	2.64	17.1	2.39	8.3	1.8
1200	41.2	3.32	32.9	2.94	24.1	2.51	17.8	2.26	9	1.67
1350	41.3	3.21	33	2.82	24.2	2.39	17.9	2.14	9.1	1.55

XP16-036-230-05 - CH33-43C-2F

HEATING PERFORMANCE at 1200 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.32	41.2
60	3.24	39.3
55	3.16	37.4
50	3.07	35.4
47	3.02	34.3
45	2.94	32.9
40	2.71	29.4
35	2.49	25.8
30	2.5	25
25	2.51	24.1
20	2.52	23.2
17	2.53	22.7
15	2.49	22
10	2.41	20
5	2.26	17.8
0	2.11	15.6
-5	1.96	13.4
-10	1.81	11.2
-15	1.67	9
-20	1.52	6.8

XP16-036-230-05 - CH33-43C-2F + EL296UH110V48C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
63°F	760	26.2	1.22	0.76	0.9	1	25	1.4	0.78	0.93	1	23.6	1.61	0.8	0.96	1	22.2	1.86	0.83	0.99	1
	875	27.2	1.22	0.79	0.94	1	25.8	1.4	0.81	0.97	1	24.4	1.61	0.84	1	1	23	1.84	0.87	1	1
	1010	28	1.21	0.83	0.99	1	26.6	1.39	0.85	1	1	25.6	1.6	0.88	1	1	24.2	1.83	0.92	1	1
67°F	760	27.8	1.21	0.6	0.73	0.86	26.6	1.39	0.61	0.75	0.89	25.2	1.6	0.63	0.77	0.92	23.6	1.84	0.64	0.8	0.95
	875	28.6	1.2	0.62	0.76	0.91	27.4	1.38	0.63	0.78	0.93	26	1.59	0.65	0.81	0.96	24.2	1.83	0.66	0.84	1
	1010	29.6	1.2	0.64	0.8	0.95	28.2	1.38	0.66	0.82	0.98	26.6	1.58	0.67	0.85	1	25	1.82	0.69	0.88	1
71°F	760	29	1.2	0.46	0.59	0.7	28	1.38	0.46	0.59	0.72	26.6	1.58	0.47	0.61	0.75	25.2	1.82	0.47	0.62	0.76
	875	30	1.19	0.47	0.6	0.74	28.8	1.37	0.46	0.62	0.76	27.4	1.57	0.48	0.63	0.78	25.8	1.81	0.48	0.65	0.81
	1010	30.8	1.18	0.47	0.63	0.77	29.6	1.36	0.47	0.64	0.79	28.2	1.57	0.48	0.66	0.82	26.4	1.8	0.49	0.68	0.86

XP16-036-230-05 - CH33-43C-2F + EL296UH110V48C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
63°F	1025	36.4	2.23	0.75	0.89	1	34.8	2.48	0.77	0.91	1	32.8	2.77	0.79	0.94	1	30.8	3.12	0.81	0.97	1
	1205	37.6	2.25	0.79	0.93	1	35.8	2.5	0.81	0.96	1	34	2.79	0.83	0.99	1	31.8	3.14	0.86	1	1
	1405	38.5	2.26	0.82	0.98	1	36.8	2.51	0.84	1	1	35	2.81	0.87	1	1	33.2	3.16	0.91	1	1
67°F	1025	38	2.26	0.6	0.72	0.85	36.4	2.51	0.6	0.74	0.88	34.6	2.8	0.62	0.76	0.9	32.6	3.15	0.64	0.79	0.94
	1205	39.5	2.27	0.61	0.76	0.9	37.8	2.53	0.63	0.78	0.93	35.8	2.82	0.65	0.8	0.96	33.6	3.16	0.66	0.83	0.99
	1405	40.5	2.29	0.63	0.8	0.95	38.5	2.54	0.65	0.82	0.98	36.6	2.83	0.67	0.85	1	34.4	3.18	0.69	0.88	1
71°F	1025	40	2.28	0.45	0.59	0.7	38	2.53	0.47	0.59	0.72	36	2.82	0.47	0.6	0.74	34.2	3.17	0.47	0.62	0.76
	1205	41	2.3	0.47	0.6	0.73	39.5	2.55	0.47	0.62	0.76	37.4	2.84	0.48	0.63	0.78	35.2	3.19	0.49	0.65	0.81
	1405	42	2.31	0.49	0.62	0.77	40.5	2.56	0.49	0.64	0.79	38.5	2.86	0.49	0.66	0.82	36	3.2	0.51	0.68	0.85

XP16-036-230-05 - CH33-43C-2F + EL296UH110V48C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
760	28.3	2.12	26.5	2.08	24.6	2.04	22.7	2.01
875	28.8	2	26.9	1.97	25	1.93	23.1	1.89
1010	29.2	1.9	27.3	1.87	25.5	1.83	23.6	1.79

XP16-036-230-05 - CH33-43C-2F + EL296UH110V48C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1025	39.8	3.45	31.5	3.07	22.7	2.65	16.4	2.4	8	1.81
1205	40.6	3.29	32.2	2.91	23.4	2.49	17.1	2.24	8.7	1.65
1405	40.9	3.16	32.5	2.77	23.8	2.35	17.5	2.1	9.1	1.51

XP16-036-230-05 - CH33-43C-2F + EL296UH110V48C HEATING PERFORMANCE at 1205 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.29	40.6
60	3.21	38.6
55	3.13	36.7
50	3.05	34.8
47	3	33.6
45	2.91	32.2
40	2.69	28.7
35	2.47	25.2
30	2.48	24.3
25	2.49	23.4
20	2.5	22.5
17	2.51	22
15	2.47	21.2
10	2.39	19.2
5	2.24	17.1
0	2.1	15
-5	1.95	12.9
-10	1.8	10.8
-15	1.65	8.7
-20	1.5	6.6

XP16-036-230-05 - CH33-43C-2F + SL280UH090V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	890	27.2	1.22	0.8	0.95	1	26	1.4	0.82	0.98	1	24.6	1.61	0.84	1	1	23.2	1.84	0.87	1	1
	890	27.2	1.22	0.8	0.95	1	26	1.4	0.82	0.98	1	24.6	1.61	0.84	1	1	23.2	1.84	0.87	1	1
	1005	28	1.21	0.82	0.99	1	26.6	1.39	0.85	1	1	25.4	1.6	0.88	1	1	24	1.83	0.92	1	1
67°F	890	28.8	1.2	0.62	0.77	0.91	27.4	1.38	0.64	0.79	0.94	26	1.59	0.65	0.81	0.97	24.4	1.83	0.67	0.85	1
	890	28.8	1.2	0.62	0.77	0.91	27.4	1.38	0.64	0.79	0.94	26	1.59	0.65	0.81	0.97	24.4	1.83	0.67	0.84	1
	1005	29.4	1.2	0.64	0.8	0.95	28.2	1.38	0.66	0.82	0.98	26.6	1.58	0.67	0.85	1	25	1.82	0.69	0.88	1
71°F	890	30.2	1.19	0.47	0.61	0.74	28.8	1.37	0.46	0.62	0.76	27.4	1.58	0.48	0.63	0.78	25.8	1.81	0.49	0.65	0.82
	890	30	1.19	0.47	0.61	0.74	28.8	1.37	0.46	0.62	0.76	27.4	1.57	0.48	0.63	0.78	25.8	1.81	0.48	0.65	0.81
	1005	30.8	1.18	0.47	0.62	0.77	29.6	1.36	0.48	0.64	0.79	28.2	1.57	0.49	0.66	0.82	26.4	1.8	0.49	0.68	0.85

XP16-036-230-05 - CH33-43C-2F + SL280UH090V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	1295	38	2.26	0.8	0.96	1	36.4	2.51	0.82	0.98	1	34.4	2.8	0.85	1	1	32.4	3.15	0.88	1	1
	1295	38	2.26	0.8	0.96	1	36.4	2.51	0.82	0.98	1	34.4	2.8	0.85	1	1	32.4	3.15	0.88	1	1
	1440	39	2.26	0.82	0.99	1	37	2.52	0.85	1	1	35.2	2.81	0.88	1	1	33.4	3.16	0.92	1	1
67°F	1295	40	2.28	0.62	0.78	0.92	38	2.53	0.64	0.8	0.95	36.2	2.83	0.66	0.82	0.98	34	3.17	0.68	0.85	1
	1295	40	2.28	0.62	0.78	0.92	38	2.53	0.64	0.8	0.95	36.2	2.83	0.66	0.82	0.98	34	3.17	0.68	0.85	1
	1440	40.5	2.29	0.64	0.8	0.95	39	2.54	0.66	0.82	0.98	36.8	2.84	0.67	0.85	1	34.4	3.18	0.69	0.89	1
71°F	1295	41.5	2.3	0.47	0.61	0.75	40	2.56	0.48	0.63	0.77	37.8	2.85	0.48	0.64	0.8	35.6	3.19	0.49	0.66	0.83
	1295	41.5	2.3	0.47	0.61	0.75	40	2.56	0.48	0.63	0.77	37.8	2.85	0.48	0.64	0.8	35.6	3.19	0.49	0.66	0.83
	1440	42	2.31	0.49	0.63	0.77	40.5	2.56	0.49	0.64	0.8	38.5	2.86	0.49	0.66	0.82	36	3.2	0.5	0.68	0.86

XP16-036-230-05 - CH33-43C-2F + SL280UH090V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
888	28.6	1.99	26.8	1.95	25	1.92	23.2	1.88
888	28.5	1.99	26.7	1.95	24.9	1.92	23.1	1.88
1005	29.1	1.91	27.3	1.87	25.5	1.84	23.7	1.8

XP16-036-230-05 - CH33-43C-2F + SL280UH090V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1295	40.8	3.21	32.4	2.85	23.5	2.45	17.2	2.22	8.7	1.63
1295	40.8	3.21	32.4	2.85	23.5	2.45	17.2	2.22	8.7	1.63
1440	40.9	3.12	32.5	2.75	23.7	2.36	17.4	2.12	8.9	1.54

XP16-036-230-05 - CH33-43C-2F + SL280UH090V60C HEATING PERFORMANCE at 1295 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.21	40.8
60	3.13	38.8
55	3.05	36.9
50	2.98	34.9
47	2.93	33.8
45	2.85	32.4
40	2.63	28.8
35	2.42	25.3
30	2.43	24.4
25	2.45	23.5
20	2.46	22.6
17	2.47	22.1
15	2.44	21.3
10	2.36	19.3
5	2.22	17.2
0	2.07	15.1
-5	1.92	13
-10	1.78	10.9
-15	1.63	8.7
-20	1.48	6.6

XP16-036-230-05 - CH33-43C-2F + SL280UH110V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	875	27.2	1.22	0.79	0.95	1	25.8	1.4	0.81	0.97	1	24.6	1.61	0.84	1	1	23.2	1.85	0.87	1	1
	875	27.2	1.22	0.79	0.95	1	25.8	1.4	0.81	0.97	1	24.4	1.61	0.84	1	1	23	1.85	0.87	1	1
	975	27.8	1.21	0.82	0.98	1	26.4	1.39	0.84	1	1	25.2	1.6	0.87	1	1	23.8	1.84	0.91	1	1
67°F	875	28.6	1.2	0.62	0.77	0.91	27.4	1.38	0.63	0.79	0.94	26	1.59	0.65	0.81	0.97	24.4	1.83	0.67	0.84	1
	875	28.6	1.2	0.62	0.77	0.91	27.4	1.38	0.63	0.78	0.93	26	1.59	0.65	0.81	0.97	24.2	1.83	0.67	0.84	1
	975	29.4	1.2	0.64	0.79	0.94	28	1.38	0.65	0.81	0.97	26.6	1.59	0.67	0.84	1	24.8	1.82	0.69	0.87	1
71°F	875	30	1.19	0.48	0.6	0.74	28.8	1.37	0.46	0.62	0.76	27.4	1.57	0.48	0.63	0.78	25.8	1.81	0.49	0.65	0.81
	875	30	1.19	0.47	0.6	0.74	28.8	1.37	0.46	0.62	0.76	27.4	1.57	0.48	0.63	0.78	25.8	1.81	0.49	0.65	0.81
	975	30.6	1.18	0.47	0.62	0.76	29.4	1.36	0.47	0.64	0.78	28	1.57	0.49	0.65	0.81	26.2	1.8	0.49	0.67	0.84

XP16-036-230-05 - CH33-43C-2F + SL280UH110V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	1260	38	2.25	0.8	0.95	1	36.2	2.5	0.82	0.98	1	34.2	2.8	0.84	1	1	32.2	3.14	0.87	1	1
	1260	38	2.25	0.8	0.95	1	36.2	2.5	0.82	0.98	1	34.2	2.8	0.84	1	1	32.2	3.14	0.87	1	1
	1395	38.5	2.26	0.82	0.98	1	36.8	2.51	0.84	1	1	35	2.81	0.87	1	1	33	3.16	0.9	1	1
67°F	1260	40	2.28	0.62	0.77	0.91	38	2.53	0.64	0.79	0.94	36	2.83	0.65	0.82	0.97	33.8	3.17	0.67	0.85	1
	1260	40	2.28	0.62	0.77	0.91	38	2.53	0.64	0.79	0.94	36	2.83	0.65	0.82	0.97	33.8	3.17	0.67	0.85	1
	1395	40.5	2.29	0.63	0.79	0.95	38.5	2.54	0.65	0.82	0.97	36.6	2.83	0.67	0.84	1	34.4	3.18	0.69	0.88	1
71°F	1260	41	2.3	0.48	0.61	0.75	39.5	2.55	0.48	0.62	0.77	37.6	2.85	0.48	0.64	0.79	35.4	3.19	0.49	0.66	0.82
	1260	41	2.3	0.48	0.61	0.75	39.5	2.55	0.48	0.62	0.77	37.6	2.85	0.48	0.64	0.79	35.4	3.19	0.49	0.66	0.82
	1395	42	2.31	0.49	0.62	0.77	40.5	2.56	0.49	0.64	0.79	38.5	2.86	0.49	0.66	0.82	36	3.2	0.5	0.68	0.85

XP16-036-230-05 - CH33-43C-2F + SL280UH110V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
876	28.9	2	27	1.97	25.1	1.93	23.3	1.89
876	28.8	2	26.9	1.97	25.1	1.93	23.2	1.89
975	29	1.93	27.2	1.89	25.3	1.85	23.4	1.82

XP16-036-230-05 - CH33-43C-2F + SL280UH110V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1260	40.8	3.24	32.4	2.87	23.6	2.47	17.3	2.23	8.8	1.64
1260	40.8	3.24	32.4	2.87	23.6	2.47	17.3	2.23	8.8	1.64
1395	40.8	3.15	32.5	2.78	23.6	2.37	17.3	2.13	8.8	1.54

XP16-036-230-05 - CH33-43C-2F + SL280UH110V60C HEATING PERFORMANCE at 1260 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.24	40.8
60	3.16	38.8
55	3.09	36.9
50	3.01	34.9
47	2.96	33.8
45	2.87	32.4
40	2.66	28.9
35	2.44	25.4
30	2.45	24.5
25	2.47	23.6
20	2.48	22.7
17	2.49	22.1
15	2.45	21.3
10	2.38	19.4
5	2.23	17.3
0	2.08	15.1
-5	1.93	13
-10	1.79	10.9
-15	1.64	8.8
-20	1.49	6.6

XP16-036-230-05 - CH33-43C-2F + SLP98UH090V36C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	710	25.8	1.23	0.75	0.88	1	24.6	1.41	0.76	0.91	1	23.2	1.62	0.78	0.93	1	21.8	1.86	0.81	0.97	1				
	830	26.8	1.22	0.78	0.93	1	25.6	1.4	0.8	0.96	1	24.2	1.61	0.82	0.99	1	22.8	1.85	0.85	1	1				
	950	27.6	1.21	0.81	0.97	1	26.4	1.39	0.83	1	1	25	1.6	0.86	1	1	24	1.84	0.9	1	1				
67°F	710	27.2	1.22	0.59	0.72	0.84	26.2	1.4	0.6	0.74	0.86	24.8	1.6	0.62	0.76	0.89	23.4	1.84	0.63	0.78	0.93				
	830	28.4	1.21	0.61	0.75	0.89	27.2	1.39	0.63	0.77	0.92	25.8	1.59	0.64	0.8	0.95	24	1.83	0.66	0.82	0.98				
	950	29.2	1.2	0.63	0.79	0.93	27.8	1.38	0.65	0.81	0.96	26.4	1.59	0.66	0.83	0.99	24.6	1.82	0.68	0.87	1				
71°F	710	28.6	1.2	0.46	0.59	0.69	27.6	1.38	0.46	0.58	0.71	26.2	1.59	0.46	0.6	0.73	24.8	1.83	0.47	0.61	0.75				
	830	29.6	1.19	0.47	0.59	0.73	28.4	1.37	0.46	0.61	0.75	27.2	1.58	0.47	0.62	0.77	25.6	1.81	0.48	0.64	0.8				
	950	30.4	1.19	0.46	0.62	0.76	29.2	1.36	0.47	0.63	0.78	27.8	1.57	0.48	0.65	0.81	26.2	1.81	0.49	0.66	0.84				

XP16-036-230-05 - CH33-43C-2F + SLP98UH090V36C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1040	36.6	2.23	0.75	0.89	1	34.8	2.48	0.77	0.92	1	32.8	2.78	0.79	0.94	1	31	3.12	0.82	0.98	1				
	1210	37.6	2.25	0.79	0.94	1	36	2.5	0.81	0.96	1	34	2.79	0.83	0.99	1	32	3.14	0.86	1	1				
	1360	38.5	2.26	0.81	0.97	1	36.6	2.51	0.84	1	1	34.8	2.81	0.86	1	1	33.2	3.14	0.9	1	1				
67°F	1040	38.5	2.26	0.6	0.73	0.86	36.6	2.51	0.61	0.74	0.88	34.8	2.8	0.62	0.77	0.91	32.6	3.15	0.64	0.79	0.94				
	1210	39.5	2.27	0.61	0.76	0.9	37.8	2.53	0.63	0.78	0.93	35.8	2.82	0.65	0.81	0.96	33.6	3.16	0.67	0.84	0.99				
	1360	40.5	2.29	0.63	0.79	0.94	38.5	2.54	0.65	0.81	0.97	36.4	2.83	0.67	0.84	1	34.2	3.17	0.68	0.87	1				
71°F	1040	40	2.28	0.45	0.59	0.7	38	2.53	0.47	0.59	0.72	36.2	2.83	0.47	0.61	0.74	34.2	3.17	0.48	0.62	0.77				
	1210	41	2.3	0.47	0.6	0.74	39.5	2.55	0.48	0.62	0.76	37.4	2.84	0.48	0.63	0.78	35.2	3.19	0.49	0.65	0.81				
	1360	41.5	2.31	0.48	0.62	0.76	40	2.56	0.49	0.64	0.79	38	2.86	0.49	0.65	0.81	35.8	3.2	0.5	0.67	0.84				

XP16-036-230-05 - CH33-43C-2F + SLP98UH090V36C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
710	28.1	2.18	26.2	2.14	24.4	2.1	22.5	2.06
832	28.6	2.04	26.8	2	24.9	1.96	23	1.92
950	28.9	1.95	27.1	1.91	25.2	1.87	23.4	1.82

XP16-036-230-05 - CH33-43C-2F + SLP98UH090V36C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1040	39.9	3.44	31.5	3.05	22.8	2.63	16.5	2.39	8	1.8
1212	40.6	3.29	32.3	2.91	23.5	2.49	17.2	2.24	8.7	1.65
1360	40.9	3.18	32.5	2.8	23.7	2.38	17.4	2.14	9	1.54

XP16-036-230-05 - CH33-43C-2F + SLP98UH090V36C HEATING PERFORMANCE at 1212 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.29	40.6
60	3.21	38.7
55	3.13	36.8
50	3.04	34.8
47	3	33.7
45	2.91	32.3
40	2.69	28.8
35	2.46	25.3
30	2.48	24.4
25	2.49	23.5
20	2.5	22.6
17	2.5	22
15	2.47	21.3
10	2.39	19.3
5	2.24	17.2
0	2.09	15.1
-5	1.95	13
-10	1.8	10.9
-15	1.65	8.7
-20	1.5	6.6

XP16-036-230-05 - CH33-43C-2F + SLP98UH090V48C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F					
63°F	690	25.6	1.23	0.74	0.87	1	24.4	1.41	0.75	0.9	1	23.2	1.62	0.78	0.93	1	21.6	1.86	0.8	0.96	1				
	815	26.6	1.22	0.77	0.92	1	25.4	1.4	0.79	0.95	1	24	1.61	0.82	0.98	1	22.6	1.85	0.85	1	1				
	890	27.2	1.22	0.8	0.95	1	26	1.4	0.82	0.98	1	24.6	1.61	0.84	1	1	23.2	1.84	0.88	1	1				
67°F	690	27	1.22	0.59	0.71	0.84	26	1.4	0.6	0.73	0.86	24.6	1.6	0.61	0.75	0.88	23.2	1.84	0.62	0.77	0.92				
	815	28.2	1.21	0.61	0.75	0.88	27	1.39	0.62	0.77	0.91	25.6	1.6	0.64	0.79	0.94	24	1.83	0.65	0.82	0.98				
	890	28.8	1.2	0.63	0.77	0.91	27.6	1.38	0.64	0.79	0.94	26	1.59	0.65	0.82	0.97	24.4	1.83	0.67	0.85	1				
71°F	690	28.4	1.21	0.46	0.57	0.69	27.4	1.38	0.46	0.58	0.7	26	1.59	0.46	0.59	0.72	24.6	1.83	0.47	0.61	0.75				
	815	29.4	1.2	0.46	0.59	0.72	28.2	1.38	0.46	0.59	0.74	27	1.58	0.47	0.62	0.76	25.4	1.82	0.48	0.64	0.79				
	890	30.2	1.19	0.47	0.61	0.74	29	1.37	0.46	0.62	0.76	27.4	1.57	0.48	0.62	0.79	26	1.81	0.49	0.65	0.82				

XP16-036-230-05 - CH33-43C-2F + SLP98UH090V48C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F					
63°F	1060	36.6	2.23	0.76	0.9	1	35	2.49	0.78	0.92	1	33	2.78	0.8	0.95	1	31	3.12	0.82	0.99	1				
	1205	37.6	2.25	0.79	0.93	1	35.8	2.5	0.81	0.96	1	34	2.79	0.83	0.99	1	31.8	3.14	0.86	1	1				
	1335	38.5	2.26	0.81	0.97	1	36.6	2.51	0.83	0.99	1	34.6	2.8	0.86	1	1	32.8	3.15	0.89	1	1				
67°F	1060	38.5	2.26	0.6	0.73	0.86	36.8	2.51	0.61	0.75	0.88	35	2.81	0.62	0.77	0.91	32.8	3.15	0.64	0.8	0.95				
	1205	39.5	2.27	0.61	0.76	0.9	37.8	2.53	0.63	0.78	0.93	35.8	2.82	0.65	0.8	0.96	33.6	3.16	0.66	0.83	0.99				
	1335	40.5	2.29	0.63	0.78	0.93	38.5	2.54	0.65	0.81	0.96	36.4	2.83	0.66	0.83	0.99	34	3.17	0.68	0.86	1				
71°F	1060	40	2.28	0.46	0.59	0.71	38.5	2.53	0.47	0.59	0.72	36.4	2.83	0.47	0.61	0.75	34.2	3.17	0.48	0.62	0.77				
	1205	41	2.3	0.47	0.6	0.74	39.5	2.55	0.48	0.62	0.76	37.4	2.84	0.48	0.63	0.78	35.2	3.19	0.49	0.65	0.81				
	1335	41.5	2.3	0.48	0.61	0.76	40	2.56	0.48	0.63	0.78	38	2.85	0.49	0.65	0.81	35.8	3.2	0.5	0.67	0.84				

XP16-036-230-05 - CH33-43C-2F + SLP98UH090V48C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
690	28	2.21	26.1	2.17	24.3	2.12	22.4	2.08
813	28.5	2.06	26.7	2.02	24.8	1.98	23	1.94
890	28.7	1.99	26.8	1.95	25	1.91	23.1	1.87

XP16-036-230-05 - CH33-43C-2F + SLP98UH090V48C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1060	40	3.42	31.6	3.03	22.8	2.61	16.6	2.37	8.1	1.77
1204	40.6	3.3	32.2	2.91	23.4	2.49	17.2	2.24	8.7	1.65
1335	40.7	3.2	32.4	2.81	23.6	2.39	17.3	2.14	8.8	1.55

XP16-036-230-05 - CH33-43C-2F + SLP98UH090V48C HEATING PERFORMANCE at 1204 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.3	40.6
60	3.21	38.7
55	3.13	36.7
50	3.05	34.8
47	3	33.6
45	2.91	32.2
40	2.69	28.7
35	2.47	25.2
30	2.48	24.3
25	2.49	23.4
20	2.5	22.5
17	2.51	22
15	2.47	21.2
10	2.39	19.3
5	2.24	17.2
0	2.1	15
-5	1.95	12.9
-10	1.8	10.8
-15	1.65	8.7
-20	1.51	6.6

XP16-036-230-05 - CH33-43C-2F + SLP98UH090V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW							
63°F	870	27	1.22	0.79	0.94	1	25.8	1.4	0.81	0.97	1	24.4	1.61	0.84	1	1	23	1.85	0.87	1	1				
	870	27	1.22	0.79	0.94	1	25.8	1.4	0.81	0.97	1	24.4	1.61	0.83	1	1	23	1.85	0.87	1	1				
	975	27.8	1.21	0.82	0.98	1	26.4	1.39	0.84	1	1	25.2	1.6	0.87	1	1	23.8	1.84	0.91	1	1				
67°F	870	28.6	1.2	0.62	0.76	0.9	27.4	1.38	0.63	0.78	0.93	26	1.59	0.65	0.81	0.96	24.2	1.83	0.66	0.84	1				
	870	28.6	1.2	0.62	0.76	0.9	27.4	1.38	0.63	0.78	0.93	26	1.59	0.65	0.81	0.96	24.2	1.83	0.66	0.84	1				
	975	29.4	1.2	0.64	0.79	0.94	28	1.38	0.65	0.81	0.97	26.6	1.59	0.67	0.84	1	24.8	1.82	0.69	0.87	1				
71°F	870	30	1.19	0.47	0.6	0.74	28.8	1.37	0.46	0.62	0.76	27.4	1.57	0.48	0.63	0.78	25.8	1.81	0.49	0.65	0.81				
	870	30	1.19	0.47	0.6	0.74	28.8	1.37	0.46	0.62	0.75	27.4	1.57	0.48	0.63	0.78	25.8	1.81	0.48	0.65	0.81				
	975	30.6	1.18	0.47	0.62	0.76	29.4	1.36	0.47	0.64	0.79	28	1.57	0.49	0.65	0.81	26.2	1.8	0.49	0.67	0.84				

XP16-036-230-05 - CH33-43C-2F + SLP98UH090V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW							
63°F	1320	38.5	2.26	0.81	0.96	1	36.6	2.51	0.83	0.99	1	34.6	2.8	0.85	1	1	32.6	3.15	0.89	1	1				
	1320	38.5	2.26	0.81	0.96	1	36.6	2.51	0.83	0.99	1	34.6	2.8	0.85	1	1	32.6	3.15	0.89	1	1				
	1460	39	2.27	0.83	0.99	1	37.2	2.52	0.85	1	1	35.4	2.82	0.88	1	1	33.6	3.16	0.92	1	1				
67°F	1320	40	2.29	0.62	0.78	0.93	38.5	2.54	0.65	0.8	0.96	36.4	2.83	0.66	0.83	0.99	34	3.17	0.68	0.86	1				
	1320	40	2.29	0.62	0.78	0.93	38.5	2.54	0.65	0.8	0.96	36.4	2.83	0.66	0.83	0.99	34	3.17	0.68	0.86	1				
	1460	41	2.29	0.64	0.8	0.96	39	2.54	0.66	0.83	0.99	36.8	2.84	0.68	0.86	1	34.6	3.18	0.7	0.9	1				
71°F	1320	41.5	2.3	0.48	0.61	0.76	40	2.56	0.48	0.63	0.78	38	2.85	0.49	0.65	0.8	35.8	3.2	0.49	0.67	0.83				
	1320	41.5	2.3	0.48	0.61	0.76	40	2.56	0.48	0.63	0.78	38	2.85	0.49	0.65	0.8	35.8	3.2	0.49	0.67	0.83				
	1460	42	2.31	0.49	0.63	0.78	40.5	2.57	0.49	0.65	0.8	38.5	2.86	0.5	0.67	0.83	36.2	3.2	0.51	0.69	0.87				

XP16-036-230-05 - CH33-43C-2F + SLP98UH090V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
868	28.8	2.01	26.9	1.97	25	1.93	23.1	1.9
868	28.7	2.01	26.8	1.97	24.9	1.93	23	1.89
975	29.1	1.93	27.2	1.89	25.3	1.85	23.4	1.81

XP16-036-230-05 - CH33-43C-2F + SLP98UH090V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1320	40.5	3.18	32.3	2.83	23.7	2.44	17.4	2.21	8.8	1.63
1320	40.5	3.18	32.3	2.83	23.7	2.44	17.4	2.21	8.8	1.63
1460	41	3.1	32.8	2.75	24.1	2.37	17.9	2.14	9.3	1.55

XP16-036-230-05 - CH33-43C-2F + SLP98UH090V60C HEATING PERFORMANCE at 1320 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.18	40.5
60	3.1	38.6
55	3.03	36.7
50	2.95	34.8
47	2.91	33.7
45	2.83	32.3
40	2.62	28.9
35	2.41	25.5
30	2.43	24.6
25	2.44	23.7
20	2.46	22.8
17	2.46	22.2
15	2.43	21.4
10	2.36	19.5
5	2.21	17.4
0	2.07	15.2
-5	1.92	13.1
-10	1.77	11
-15	1.63	8.8
-20	1.48	6.7

XP16-036-230-05 - CH33-43C-2F + SLP98UH110V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	890	27.2	1.22	0.8	0.95	1	26	1.4	0.82	0.98	1	24.6	1.61	0.84	1	1	23.2	1.84	0.87	1	1				
	890	27.2	1.22	0.8	0.95	1	26	1.4	0.82	0.98	1	24.6	1.61	0.84	1	1	23.2	1.84	0.87	1	1				
	970	27.8	1.21	0.82	0.98	1	26.4	1.39	0.84	1	1	25.2	1.6	0.87	1	1	23.8	1.84	0.9	1	1				
67°F	890	28.8	1.2	0.62	0.77	0.91	27.4	1.38	0.64	0.79	0.94	26	1.59	0.65	0.81	0.97	24.4	1.83	0.67	0.84	1				
	890	28.8	1.2	0.62	0.77	0.91	27.4	1.38	0.64	0.79	0.94	26	1.59	0.65	0.81	0.97	24.4	1.83	0.67	0.84	1				
	970	29.4	1.2	0.64	0.79	0.94	28	1.38	0.65	0.81	0.97	26.6	1.59	0.66	0.84	1	24.8	1.82	0.69	0.87	1				
71°F	890	30.2	1.19	0.47	0.61	0.74	28.8	1.37	0.46	0.62	0.76	27.4	1.58	0.48	0.63	0.79	25.8	1.81	0.49	0.65	0.82				
	890	30	1.19	0.47	0.61	0.74	28.8	1.37	0.46	0.62	0.76	27.4	1.57	0.48	0.63	0.78	25.8	1.81	0.49	0.65	0.81				
	970	30.6	1.19	0.47	0.62	0.76	29.4	1.36	0.47	0.64	0.78	28	1.57	0.49	0.65	0.81	26.4	1.8	0.49	0.67	0.84				

XP16-036-230-05 - CH33-43C-2F + SLP98UH110V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	1270	38	2.25	0.8	0.95	1	36.2	2.5	0.82	0.98	1	34.2	2.8	0.84	1	1	32.2	3.15	0.88	1	1				
	1270	38	2.25	0.8	0.95	1	36.2	2.51	0.82	0.98	1	34.2	2.8	0.84	1	1	32.4	3.14	0.88	1	1				
	1405	38.5	2.26	0.82	0.98	1	36.8	2.51	0.84	1	1	35	2.81	0.87	1	1	33.2	3.16	0.91	1	1				
67°F	1270	40	2.28	0.62	0.77	0.92	38	2.53	0.64	0.79	0.94	36	2.82	0.66	0.82	0.98	33.8	3.17	0.67	0.85	1				
	1270	40	2.28	0.62	0.77	0.92	38	2.53	0.64	0.79	0.94	36	2.83	0.66	0.82	0.98	33.8	3.17	0.67	0.85	1				
	1405	40.5	2.29	0.63	0.79	0.95	38.5	2.54	0.65	0.82	0.98	36.6	2.83	0.67	0.85	1	34.4	3.18	0.69	0.88	1				
71°F	1270	41.5	2.3	0.48	0.61	0.75	39.5	2.55	0.48	0.62	0.77	37.8	2.85	0.48	0.64	0.79	35.4	3.19	0.49	0.66	0.82				
	1270	41.5	2.3	0.48	0.61	0.75	39.5	2.55	0.48	0.62	0.77	37.8	2.85	0.48	0.64	0.79	35.4	3.19	0.49	0.66	0.82				
	1405	42	2.31	0.49	0.62	0.77	40.5	2.56	0.49	0.64	0.79	38.5	2.86	0.49	0.66	0.82	36	3.2	0.51	0.68	0.85				

XP16-036-230-05 - CH33-43C-2F + SLP98UH110V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
888	28.6	1.99	26.8	1.95	25	1.92	23.2	1.88
888	28.6	1.99	26.7	1.95	24.9	1.92	23.1	1.88
970	29	1.93	27.2	1.9	25.4	1.86	23.6	1.83

XP16-036-230-05 - CH33-43C-2F + SLP98UH110V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1270	40.7	3.23	32.3	2.86	23.5	2.46	17.2	2.22	8.7	1.64
1272	40.7	3.23	32.3	2.86	23.5	2.46	17.2	2.22	8.7	1.64
1405	40.9	3.14	32.5	2.77	23.7	2.37	17.4	2.13	8.9	1.55

XP16-036-230-05 - CH33-43C-2F + SLP98UH110V60C HEATING PERFORMANCE at 1272 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.23	40.7
60	3.15	38.8
55	3.07	36.8
50	3	34.9
47	2.95	33.7
45	2.86	32.3
40	2.65	28.8
35	2.43	25.3
30	2.45	24.4
25	2.46	23.5
20	2.47	22.6
17	2.48	22.1
15	2.45	21.3
10	2.37	19.3
5	2.22	17.2
0	2.08	15.1
-5	1.93	13
-10	1.78	10.9
-15	1.64	8.7
-20	1.49	6.6

XP16-036-230-05 - CH33-48C-2F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	790	26.4	1.22	0.77	0.91	1	25.2	1.4	0.79	0.94	1	23.8	1.61	0.82	0.97	1	22.4	1.85	0.85	1	1				
	900	27.2	1.22	0.81	0.96	1	26	1.4	0.83	0.98	1	24.6	1.61	0.85	1	1	23.4	1.84	0.89	1	1				
	1015	28	1.21	0.83	0.99	1	26.6	1.39	0.86	1	1	25.6	1.6	0.89	1	1	24.2	1.83	0.92	1	1				
67°F	790	28	1.21	0.61	0.75	0.88	26.8	1.39	0.63	0.77	0.9	25.4	1.6	0.64	0.79	0.93	23.8	1.84	0.66	0.82	0.97				
	900	28.8	1.2	0.63	0.78	0.92	27.6	1.38	0.65	0.8	0.95	26.2	1.59	0.66	0.82	0.98	24.4	1.83	0.68	0.86	1				
	1015	29.6	1.2	0.65	0.8	0.96	28.2	1.38	0.67	0.83	0.98	26.6	1.58	0.68	0.86	1	25	1.82	0.7	0.89	1				
71°F	790	29.4	1.2	0.47	0.6	0.72	28	1.38	0.47	0.59	0.74	27	1.58	0.48	0.62	0.76	25.4	1.82	0.49	0.64	0.79				
	900	30.2	1.19	0.48	0.62	0.75	29	1.37	0.48	0.63	0.77	27.4	1.57	0.49	0.63	0.8	26	1.81	0.5	0.67	0.83				
	1015	30.8	1.18	0.49	0.63	0.78	29.6	1.36	0.49	0.65	0.8	28.2	1.57	0.49	0.67	0.83	26.4	1.8	0.5	0.69	0.86				

XP16-036-230-05 - CH33-48C-2F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	1050	36.6	2.23	0.76	0.89	1	34.8	2.48	0.78	0.92	1	32.8	2.78	0.8	0.95	1	31	3.12	0.83	0.98	1				
	1200	37.6	2.25	0.79	0.93	1	35.8	2.5	0.81	0.96	1	33.8	2.79	0.83	0.99	1	31.8	3.13	0.86	1	1				
	1350	38.5	2.26	0.81	0.97	1	36.6	2.51	0.84	0.99	1	34.6	2.8	0.86	1	1	32.8	3.15	0.9	1	1				
67°F	1050	38.5	2.26	0.61	0.73	0.86	36.6	2.51	0.62	0.75	0.88	34.8	2.8	0.63	0.77	0.91	32.6	3.15	0.65	0.8	0.95				
	1200	39.5	2.27	0.62	0.76	0.9	37.6	2.53	0.63	0.78	0.93	35.6	2.82	0.65	0.81	0.96	33.4	3.16	0.67	0.84	0.99				
	1350	40	2.29	0.63	0.79	0.93	38.5	2.54	0.65	0.81	0.96	36.4	2.83	0.67	0.84	0.99	34	3.17	0.69	0.87	1				
71°F	1050	40	2.28	0.46	0.6	0.71	38	2.53	0.48	0.6	0.73	36.2	2.83	0.48	0.61	0.75	34.2	3.17	0.49	0.63	0.77				
	1200	41	2.3	0.48	0.6	0.74	39.5	2.55	0.48	0.62	0.76	37.2	2.84	0.48	0.64	0.78	35	3.19	0.5	0.66	0.81				
	1350	41.5	2.3	0.49	0.62	0.76	40	2.56	0.49	0.64	0.78	38	2.85	0.5	0.66	0.81	35.8	3.2	0.51	0.68	0.84				

XP16-036-230-05 - CH33-48C-2F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
788	29	2.11	27.1	2.07	25.2	2.04	23.3	2
900	29.5	2.01	27.6	1.97	25.7	1.93	23.8	1.9
1013	29.8	1.92	27.9	1.89	26	1.85	24.1	1.81

XP16-036-230-05 - CH33-48C-2F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1050	40.4	3.46	32.2	3.08	23.6	2.65	17.3	2.4	8.5	1.81
1200	41	3.32	32.7	2.94	24.1	2.51	17.9	2.27	9	1.67
1350	41.2	3.21	33	2.82	24.4	2.4	18.1	2.15	9.3	1.56

XP16-036-230-05 - CH33-48C-2F HEATING PERFORMANCE at 1200 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.32	41
60	3.24	39.1
55	3.16	37.2
50	3.08	35.3
47	3.03	34.1
45	2.94	32.7
40	2.71	29.3
35	2.49	25.8
30	2.5	25
25	2.51	24.1
20	2.52	23.2
17	2.53	22.7
15	2.5	22
10	2.42	20.1
5	2.27	17.9
0	2.12	15.6
-5	1.97	13.4
-10	1.82	11.2
-15	1.67	9
-20	1.52	6.8

XP16-036-230-05 - CH33-48C-2F + EL296UH110V48C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW							
63°F	760	26.2	1.23	0.76	0.9	1	25	1.41	0.78	0.92	1	23.6	1.62	0.8	0.95	1	22	1.86	0.82	0.99	1				
	875	27	1.22	0.79	0.94	1	25.8	1.4	0.81	0.97	1	24.4	1.61	0.83	0.99	1	23	1.85	0.87	1	1				
	1010	27.8	1.21	0.82	0.98	1	26.6	1.39	0.85	1	1	25.2	1.6	0.87	1	1	24.2	1.84	0.91	1	1				
67°F	760	27.6	1.21	0.6	0.73	0.86	26.4	1.39	0.61	0.75	0.88	25	1.6	0.62	0.77	0.91	23.6	1.84	0.64	0.8	0.95				
	875	28.4	1.2	0.61	0.76	0.9	27.2	1.39	0.63	0.78	0.93	25.8	1.59	0.64	0.8	0.96	24.2	1.83	0.66	0.83	0.99				
	1010	29.4	1.2	0.64	0.79	0.94	28	1.38	0.65	0.82	0.97	26.6	1.58	0.66	0.84	1	24.8	1.82	0.69	0.88	1				
71°F	760	28.8	1.2	0.46	0.58	0.7	27.8	1.38	0.47	0.59	0.72	26.6	1.58	0.46	0.61	0.74	25	1.82	0.47	0.62	0.76				
	875	29.8	1.19	0.47	0.6	0.73	28.6	1.37	0.46	0.62	0.75	27.2	1.58	0.48	0.63	0.78	25.8	1.81	0.48	0.65	0.8				
	1010	30.6	1.18	0.47	0.62	0.77	29.4	1.36	0.47	0.64	0.79	28	1.57	0.49	0.66	0.81	26.4	1.8	0.5	0.68	0.85				

XP16-036-230-05 - CH33-48C-2F + EL296UH110V48C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW							
63°F	1025	36	2.23	0.75	0.88	1	34.4	2.48	0.76	0.91	1	32.6	2.77	0.79	0.93	1	30.6	3.12	0.8	0.97	1				
	1205	37.4	2.24	0.78	0.93	1	35.6	2.5	0.8	0.95	1	33.8	2.79	0.82	0.98	1	31.6	3.13	0.85	1	1				
	1405	38.5	2.26	0.81	0.97	1	36.6	2.51	0.84	1	1	34.8	2.81	0.86	1	1	33	3.15	0.9	1	1				
67°F	1025	38	2.25	0.6	0.72	0.85	36.2	2.5	0.6	0.74	0.87	34.4	2.8	0.62	0.76	0.9	32.4	3.14	0.63	0.78	0.93				
	1205	39	2.27	0.61	0.75	0.89	37.4	2.52	0.63	0.77	0.92	35.6	2.82	0.64	0.8	0.95	33.4	3.16	0.65	0.83	0.98				
	1405	40.5	2.29	0.63	0.79	0.94	38.5	2.54	0.65	0.81	0.97	36.4	2.83	0.67	0.84	1	34	3.17	0.68	0.87	1				
71°F	1025	39.5	2.28	0.46	0.58	0.7	37.8	2.53	0.46	0.59	0.71	35.8	2.82	0.47	0.6	0.73	34	3.17	0.47	0.62	0.76				
	1205	40.5	2.29	0.47	0.6	0.73	39	2.55	0.47	0.61	0.75	37.2	2.84	0.48	0.63	0.77	35	3.18	0.48	0.65	0.8				
	1405	41.5	2.31	0.48	0.62	0.76	40	2.56	0.49	0.64	0.79	38	2.85	0.49	0.65	0.81	35.8	3.2	0.5	0.67	0.84				

XP16-036-230-05 - CH33-48C-2F + EL296UH110V48C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
760	28.3	2.12	26.4	2.08	24.5	2.05	22.6	2.01
875	28.8	2.01	26.9	1.97	25	1.93	23.1	1.89
1010	29.2	1.91	27.3	1.87	25.4	1.83	23.5	1.8

XP16-036-230-05 - CH33-48C-2F + EL296UH110V48C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1025	39.8	3.46	31.4	3.08	22.7	2.66	16.4	2.42	8	1.82
1205	40.6	3.3	32.2	2.92	23.4	2.5	17.1	2.26	8.7	1.66
1405	40.9	3.16	32.5	2.78	23.7	2.36	17.5	2.12	9	1.52

XP16-036-230-05 - CH33-48C-2F + EL296UH110V48C HEATING PERFORMANCE at 1205 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.3	40.6
60	3.22	38.6
55	3.14	36.7
50	3.06	34.7
47	3.01	33.6
45	2.92	32.2
40	2.69	28.7
35	2.47	25.2
30	2.48	24.3
25	2.5	23.4
20	2.51	22.5
17	2.52	22
15	2.49	21.2
10	2.41	19.2
5	2.26	17.1
0	2.11	15
-5	1.96	12.9
-10	1.81	10.8
-15	1.66	8.7
-20	1.51	6.6

XP16-036-230-05 - CH33-48C-2F + SL280UH090V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	890	27	1.22	0.79	0.94	1	25.8	1.4	0.81	0.97	1	24.4	1.61	0.84	1	1	23	1.85	0.87	1	1
	890	27	1.22	0.79	0.94	1	25.8	1.4	0.81	0.97	1	24.4	1.61	0.84	1	1	23	1.85	0.87	1	1
	1005	27.8	1.21	0.82	0.98	1	26.4	1.39	0.84	1	1	25.2	1.6	0.87	1	1	24.2	1.84	0.91	1	1
67°F	890	28.6	1.2	0.62	0.76	0.9	27.4	1.38	0.63	0.78	0.93	26	1.59	0.65	0.81	0.97	24.2	1.83	0.66	0.84	1
	890	28.6	1.2	0.62	0.76	0.9	27.4	1.38	0.63	0.78	0.93	25.8	1.59	0.65	0.81	0.96	24.2	1.83	0.66	0.84	1
	1005	29.4	1.2	0.64	0.79	0.94	28	1.38	0.65	0.82	0.97	26.6	1.58	0.66	0.84	1	24.8	1.83	0.69	0.88	1
71°F	890	30	1.19	0.47	0.6	0.74	28.8	1.37	0.46	0.62	0.76	27.4	1.57	0.48	0.63	0.78	25.8	1.81	0.49	0.65	0.81
	890	30	1.19	0.47	0.6	0.74	28.8	1.37	0.46	0.62	0.76	27.4	1.58	0.48	0.63	0.78	25.8	1.81	0.48	0.65	0.81
	1005	30.6	1.18	0.47	0.62	0.77	29.4	1.36	0.47	0.64	0.79	28	1.57	0.49	0.66	0.81	26.4	1.8	0.49	0.68	0.85

XP16-036-230-05 - CH33-48C-2F + SL280UH090V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	1295	38	2.25	0.79	0.95	1	36.2	2.5	0.82	0.98	1	34.2	2.8	0.84	1	1	32.2	3.14	0.87	1	1
	1295	38	2.25	0.79	0.95	1	36.2	2.5	0.82	0.98	1	34.2	2.8	0.84	1	1	32.2	3.14	0.87	1	1
	1440	38.5	2.26	0.82	0.98	1	36.8	2.51	0.84	1	1	35	2.81	0.87	1	1	33.2	3.15	0.91	1	1
67°F	1295	39.5	2.28	0.62	0.77	0.91	38	2.53	0.64	0.79	0.94	36	2.82	0.65	0.82	0.97	33.8	3.17	0.67	0.85	1
	1295	39.5	2.28	0.62	0.77	0.91	38	2.53	0.64	0.79	0.94	36	2.82	0.65	0.82	0.97	33.8	3.17	0.67	0.85	1
	1440	40.5	2.29	0.63	0.79	0.95	38.5	2.54	0.65	0.82	0.97	36.6	2.83	0.67	0.84	1	34.2	3.17	0.69	0.88	1
71°F	1295	41	2.3	0.47	0.61	0.74	39.5	2.55	0.48	0.62	0.77	37.6	2.85	0.48	0.64	0.79	35.4	3.19	0.49	0.66	0.82
	1295	41	2.3	0.47	0.61	0.74	39.5	2.55	0.48	0.62	0.77	37.6	2.85	0.48	0.64	0.79	35.4	3.19	0.49	0.66	0.82
	1440	41.5	2.31	0.49	0.62	0.77	40	2.56	0.49	0.64	0.79	38	2.86	0.49	0.66	0.81	36	3.2	0.5	0.68	0.85

XP16-036-230-05 - CH33-48C-2F + SL280UH090V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
888	28.8	2	27	1.96	25.1	1.92	23.2	1.89
888	28.8	2	26.9	1.96	25	1.92	23.1	1.89
1005	29.2	1.91	27.3	1.88	25.4	1.84	23.5	1.8

XP16-036-230-05 - CH33-48C-2F + SL280UH090V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1295	40.8	3.22	32.3	2.85	23.5	2.45	17.2	2.22	8.7	1.63
1295	40.8	3.22	32.3	2.85	23.5	2.45	17.2	2.22	8.7	1.63
1440	40.9	3.12	32.5	2.76	23.7	2.36	17.4	2.13	8.9	1.54

XP16-036-230-05 - CH33-48C-2F + SL280UH090V60C HEATING PERFORMANCE at 1295 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.22	40.8
60	3.14	38.8
55	3.06	36.9
50	2.99	34.9
47	2.94	33.7
45	2.85	32.3
40	2.64	28.8
35	2.43	25.3
30	2.44	24.4
25	2.45	23.5
20	2.47	22.6
17	2.47	22.1
15	2.44	21.3
10	2.37	19.3
5	2.22	17.2
0	2.07	15.1
-5	1.93	13
-10	1.78	10.9
-15	1.63	8.7
-20	1.49	6.6

XP16-036-230-05 - CH33-48C-2F + SL280UH110V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	875	27	1.22	0.79	0.94	1	25.8	1.4	0.81	0.97	1	24.4	1.61	0.84	1	1	23	1.85	0.87	1	1
	875	27	1.22	0.79	0.94	1	25.8	1.4	0.81	0.97	1	24.4	1.61	0.83	1	1	23	1.85	0.87	1	1
	975	27.6	1.21	0.81	0.97	1	26.4	1.39	0.84	1	1	25	1.6	0.86	1	1	23.6	1.84	0.9	1	1
67°F	875	28.6	1.2	0.62	0.76	0.9	27.2	1.39	0.63	0.78	0.93	25.8	1.59	0.65	0.81	0.96	24.2	1.83	0.66	0.83	0.99
	875	28.6	1.2	0.62	0.76	0.9	27.2	1.39	0.63	0.78	0.93	25.8	1.59	0.65	0.81	0.96	24.2	1.83	0.66	0.84	0.99
	975	29.2	1.2	0.63	0.79	0.93	27.8	1.38	0.65	0.81	0.96	26.4	1.59	0.66	0.84	0.99	24.6	1.82	0.68	0.87	1
71°F	875	29.8	1.19	0.47	0.6	0.74	28.6	1.37	0.47	0.62	0.75	27.2	1.58	0.48	0.63	0.78	25.8	1.81	0.49	0.65	0.81
	875	29.8	1.19	0.47	0.6	0.73	28.6	1.37	0.46	0.62	0.75	27.2	1.58	0.48	0.63	0.78	25.8	1.81	0.48	0.65	0.81
	975	30.4	1.19	0.47	0.62	0.76	29.2	1.36	0.47	0.63	0.78	27.8	1.57	0.49	0.65	0.81	26.2	1.81	0.49	0.67	0.84

XP16-036-230-05 - CH33-48C-2F + SL280UH110V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	1260	37.8	2.25	0.79	0.94	1	36	2.5	0.81	0.97	1	34	2.79	0.84	1	1	32	3.14	0.87	1	1
	1260	37.8	2.25	0.79	0.94	1	36	2.5	0.81	0.97	1	34	2.79	0.84	1	1	32	3.14	0.87	1	1
	1395	38.5	2.26	0.81	0.97	1	36.6	2.51	0.83	1	1	34.8	2.81	0.86	1	1	32.8	3.15	0.9	1	1
67°F	1260	39.5	2.28	0.61	0.76	0.91	37.8	2.53	0.63	0.79	0.93	35.8	2.82	0.65	0.81	0.97	33.6	3.16	0.66	0.84	1
	1260	39.5	2.28	0.61	0.76	0.91	37.8	2.53	0.63	0.79	0.93	35.8	2.82	0.65	0.81	0.97	33.6	3.16	0.66	0.84	1
	1395	40.5	2.29	0.63	0.79	0.94	38.5	2.54	0.65	0.81	0.96	36.4	2.83	0.67	0.83	0.99	34	3.17	0.68	0.87	1
71°F	1260	41	2.3	0.47	0.6	0.74	39.5	2.55	0.48	0.62	0.76	37.4	2.85	0.48	0.64	0.78	35.2	3.19	0.49	0.66	0.81
	1260	41	2.3	0.47	0.6	0.74	39.5	2.55	0.48	0.62	0.76	37.4	2.85	0.48	0.64	0.78	35.2	3.19	0.49	0.66	0.81
	1395	41.5	2.3	0.48	0.62	0.76	40	2.56	0.49	0.63	0.78	38	2.85	0.49	0.65	0.81	35.8	3.2	0.5	0.67	0.84

XP16-036-230-05 - CH33-48C-2F + SL280UH110V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
876	28.9	2.01	27	1.97	25.1	1.93	23.2	1.89
876	28.8	2.01	26.9	1.97	25	1.93	23.1	1.89
975	29	1.93	27.1	1.89	25.2	1.86	23.3	1.82

XP16-036-230-05 - CH33-48C-2F + SL280UH110V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1260	40.8	3.25	32.4	2.88	23.6	2.47	17.3	2.23	8.8	1.64
1260	40.8	3.25	32.4	2.88	23.6	2.47	17.3	2.23	8.8	1.64
1395	40.8	3.16	32.4	2.78	23.6	2.37	17.3	2.14	8.8	1.55

XP16-036-230-05 - CH33-48C-2F + SL280UH110V60C HEATING PERFORMANCE at 1260 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.25	40.8
60	3.17	38.8
55	3.09	36.9
50	3.01	34.9
47	2.97	33.8
45	2.88	32.4
40	2.66	28.9
35	2.44	25.4
30	2.46	24.5
25	2.47	23.6
20	2.48	22.7
17	2.49	22.1
15	2.46	21.3
10	2.38	19.4
5	2.23	17.3
0	2.08	15.1
-5	1.94	13
-10	1.79	10.9
-15	1.64	8.8
-20	1.49	6.6

XP16-036-230-05 - CH33-48C-2F + SLP98UH090V36C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F	75°F	80°F	85°F	
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	710	25.6	1.23	0.74	0.88	1	24.6	1.41	0.75	0.9	1	23.2	1.62	0.78	0.93	1	21.6	1.86	0.81	0.96	1				
	830	26.6	1.22	0.77	0.92	1	25.4	1.4	0.8	0.95	1	24	1.61	0.82	0.98	1	22.6	1.85	0.85	1	1				
	950	27.4	1.21	0.81	0.97	1	26.2	1.4	0.83	0.99	1	24.8	1.6	0.86	1	1	23.6	1.84	0.89	1	1				
67°F	710	27.2	1.22	0.59	0.72	0.84	26	1.4	0.6	0.73	0.86	24.8	1.6	0.61	0.75	0.89	23.2	1.84	0.63	0.78	0.93				
	830	28.2	1.21	0.61	0.75	0.88	27	1.39	0.62	0.77	0.91	25.6	1.6	0.64	0.79	0.94	24	1.84	0.65	0.82	0.98				
	950	29	1.2	0.63	0.78	0.93	27.8	1.38	0.64	0.8	0.96	26.2	1.59	0.66	0.83	0.99	24.6	1.83	0.67	0.86	1				
71°F	710	28.4	1.2	0.46	0.58	0.69	27.4	1.38	0.46	0.58	0.7	26.2	1.59	0.46	0.59	0.72	24.6	1.83	0.47	0.61	0.75				
	830	29.4	1.2	0.47	0.59	0.72	28.2	1.37	0.46	0.59	0.74	27	1.58	0.47	0.62	0.76	25.6	1.82	0.48	0.64	0.79				
	950	30.4	1.19	0.47	0.61	0.75	29.2	1.37	0.47	0.63	0.77	27.6	1.57	0.48	0.63	0.8	26	1.81	0.49	0.66	0.83				

XP16-036-230-05 - CH33-48C-2F + SLP98UH090V36C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F	75°F	80°F	85°F	
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1040	36.2	2.23	0.75	0.88	1	34.6	2.48	0.77	0.91	1	32.8	2.77	0.79	0.94	1	30.8	3.12	0.81	0.97	1				
	1210	37.4	2.25	0.78	0.93	1	35.8	2.5	0.8	0.96	1	33.8	2.79	0.83	0.99	1	31.6	3.13	0.86	1	1				
	1360	38.5	2.26	0.81	0.97	1	36.4	2.51	0.83	0.99	1	34.6	2.8	0.86	1	1	32.6	3.15	0.89	1	1				
67°F	1040	38	2.25	0.6	0.72	0.85	36.4	2.51	0.61	0.74	0.87	34.6	2.8	0.62	0.76	0.9	32.4	3.15	0.64	0.79	0.94				
	1210	39.5	2.27	0.61	0.76	0.89	37.6	2.52	0.63	0.78	0.92	35.6	2.82	0.64	0.8	0.95	33.4	3.16	0.66	0.83	0.99				
	1360	40	2.28	0.63	0.78	0.93	38.5	2.54	0.65	0.8	0.96	36.2	2.83	0.66	0.83	0.99	34	3.17	0.68	0.86	1				
71°F	1040	39.5	2.28	0.46	0.58	0.7	38	2.53	0.47	0.59	0.72	36	2.82	0.47	0.6	0.74	34	3.17	0.47	0.62	0.76				
	1210	41	2.29	0.47	0.6	0.73	39	2.55	0.48	0.61	0.75	37.2	2.84	0.48	0.63	0.78	35	3.19	0.48	0.65	0.8				
	1360	41.5	2.3	0.48	0.61	0.76	40	2.56	0.48	0.63	0.78	38	2.85	0.49	0.65	0.81	35.8	3.2	0.5	0.67	0.84				

XP16-036-230-05 - CH33-48C-2F + SLP98UH090V36C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
710	28.1	2.19	26.2	2.14	24.3	2.1	22.5	2.06
832	28.6	2.05	26.7	2.01	24.9	1.97	23	1.92
950	28.9	1.95	27.1	1.91	25.2	1.87	23.3	1.83

XP16-036-230-05 - CH33-48C-2F + SLP98UH090V36C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1040	39.9	3.45	31.5	3.06	22.7	2.64	16.5	2.39	8	1.8
1212	40.6	3.3	32.3	2.91	23.5	2.49	17.2	2.25	8.7	1.65
1360	40.9	3.19	32.5	2.81	23.7	2.38	17.4	2.14	8.9	1.55

XP16-036-230-05 - CH33-48C-2F + SLP98UH090V36C HEATING PERFORMANCE at 1212 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.3	40.6
60	3.22	38.7
55	3.13	36.8
50	3.05	34.8
47	3	33.7
45	2.91	32.3
40	2.69	28.8
35	2.47	25.3
30	2.48	24.4
25	2.49	23.5
20	2.5	22.6
17	2.51	22
15	2.48	21.3
10	2.39	19.3
5	2.25	17.2
0	2.1	15.1
-5	1.95	13
-10	1.8	10.8
-15	1.65	8.7
-20	1.51	6.6

XP16-036-230-05 - CH33-48C-2F + SLP98UH090V48C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	690	25.4	1.23	0.74	0.87	0.99	24.4	1.41	0.75	0.89	1	23	1.62	0.77	0.92	1	21.4	1.86	0.8	0.96	1				
	815	26.6	1.22	0.77	0.91	1	25.2	1.4	0.79	0.94	1	24	1.61	0.81	0.97	1	22.4	1.85	0.84	1	1				
	890	27.2	1.22	0.79	0.95	1	25.8	1.4	0.81	0.97	1	24.4	1.61	0.84	1	1	23	1.85	0.87	1	1				
67°F	690	26.8	1.22	0.59	0.71	0.83	25.8	1.4	0.6	0.73	0.85	24.6	1.6	0.61	0.75	0.88	23	1.85	0.62	0.77	0.92				
	815	28	1.21	0.6	0.74	0.88	26.8	1.39	0.62	0.76	0.9	25.4	1.6	0.63	0.78	0.93	24	1.84	0.65	0.81	0.97				
	890	28.6	1.2	0.62	0.77	0.91	27.4	1.38	0.64	0.79	0.93	26	1.59	0.65	0.81	0.97	24.2	1.83	0.67	0.84	1				
71°F	690	28.4	1.21	0.46	0.58	0.69	27.2	1.38	0.46	0.58	0.7	26	1.59	0.46	0.59	0.72	24.6	1.83	0.46	0.61	0.74				
	815	29.4	1.2	0.46	0.59	0.72	28	1.38	0.46	0.59	0.74	27	1.58	0.47	0.62	0.76	25.4	1.82	0.48	0.63	0.78				
	890	30	1.19	0.47	0.6	0.74	28.8	1.37	0.46	0.62	0.76	27.4	1.57	0.48	0.63	0.78	25.8	1.81	0.49	0.65	0.81				

XP16-036-230-05 - CH33-48C-2F + SLP98UH090V48C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1060	36.4	2.23	0.75	0.89	1	34.8	2.48	0.77	0.92	1	32.8	2.78	0.79	0.94	1	30.8	3.12	0.82	0.98	1				
	1205	37.4	2.24	0.78	0.93	1	35.6	2.5	0.8	0.95	1	33.8	2.79	0.82	0.98	1	31.6	3.13	0.85	1	1				
	1335	38	2.26	0.8	0.96	1	36.4	2.51	0.83	0.99	1	34.4	2.8	0.85	1	1	32.4	3.15	0.89	1	1				
67°F	1060	38	2.26	0.6	0.73	0.85	36.6	2.51	0.61	0.75	0.88	34.6	2.8	0.62	0.77	0.91	32.6	3.15	0.64	0.79	0.94				
	1205	39	2.27	0.61	0.75	0.89	37.6	2.52	0.63	0.77	0.92	35.6	2.82	0.64	0.8	0.95	33.4	3.16	0.66	0.83	0.99				
	1335	40	2.28	0.62	0.78	0.92	38	2.53	0.64	0.8	0.95	36.2	2.83	0.66	0.83	0.98	34	3.17	0.68	0.86	1				
71°F	1060	40	2.28	0.45	0.59	0.7	38	2.53	0.46	0.59	0.72	36.2	2.83	0.47	0.61	0.74	34.2	3.17	0.48	0.63	0.77				
	1205	40.5	2.29	0.47	0.6	0.73	39	2.55	0.47	0.61	0.75	37.2	2.84	0.48	0.63	0.77	35	3.18	0.48	0.65	0.8				
	1335	41.5	2.3	0.48	0.61	0.75	40	2.56	0.48	0.63	0.77	37.8	2.85	0.48	0.65	0.8	35.6	3.19	0.5	0.67	0.83				

XP16-036-230-05 - CH33-48C-2F + SLP98UH090V48C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
690	28	2.21	26.1	2.17	24.3	2.13	22.4	2.08
813	28.5	2.07	26.7	2.03	24.8	1.98	23	1.94
890	28.9	2	27	1.96	25.2	1.91	23.3	1.87

XP16-036-230-05 - CH33-48C-2F + SLP98UH090V48C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1060	40	3.42	31.6	3.04	22.8	2.62	16.5	2.38	8.1	1.78
1204	40.6	3.3	32.2	2.92	23.4	2.5	17.2	2.26	8.7	1.66
1335	40.7	3.2	32.3	2.82	23.5	2.4	17.3	2.16	8.8	1.56

XP16-036-230-05 - CH33-48C-2F + SLP98UH090V48C HEATING PERFORMANCE at 1204 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.3	40.6
60	3.22	38.6
55	3.14	36.7
50	3.06	34.8
47	3.01	33.6
45	2.92	32.2
40	2.7	28.7
35	2.47	25.2
30	2.49	24.3
25	2.5	23.4
20	2.51	22.5
17	2.52	22
15	2.49	21.2
10	2.4	19.3
5	2.26	17.2
0	2.11	15
-5	1.96	12.9
-10	1.81	10.8
-15	1.66	8.7
-20	1.51	6.6

XP16-036-230-05 - CH33-48C-2F + SLP98UH090V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	870	27	1.22	0.79	0.94	1	25.6	1.4	0.81	0.96	1	24.4	1.61	0.83	0.99	1	23	1.85	0.86	1	1
	870	27	1.22	0.79	0.94	1	25.6	1.4	0.81	0.96	1	24.2	1.61	0.83	0.99	1	22.8	1.85	0.86	1	1
	975	27.6	1.21	0.81	0.97	1	26.4	1.39	0.84	1	1	25	1.6	0.86	1	1	23.6	1.84	0.9	1	1
67°F	870	28.4	1.21	0.61	0.76	0.9	27.2	1.39	0.63	0.78	0.93	25.8	1.59	0.64	0.8	0.96	24.2	1.83	0.66	0.83	0.99
	870	28.4	1.21	0.61	0.76	0.9	27.2	1.39	0.63	0.78	0.92	25.8	1.59	0.64	0.8	0.96	24.2	1.83	0.66	0.83	0.99
	975	29.2	1.2	0.63	0.79	0.93	27.8	1.38	0.65	0.81	0.96	26.4	1.59	0.66	0.84	0.99	24.6	1.82	0.68	0.87	1
71°F	870	29.8	1.19	0.47	0.6	0.73	28.6	1.37	0.46	0.62	0.75	27.2	1.58	0.48	0.63	0.77	25.6	1.81	0.48	0.65	0.8
	870	29.8	1.19	0.47	0.59	0.73	28.6	1.37	0.46	0.61	0.75	27.2	1.58	0.47	0.63	0.77	25.6	1.81	0.48	0.64	0.8
	975	30.4	1.19	0.47	0.62	0.76	29.2	1.36	0.47	0.63	0.78	27.8	1.57	0.49	0.65	0.81	26.2	1.81	0.49	0.67	0.84

XP16-036-230-05 - CH33-48C-2F + SLP98UH090V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	1320	38	2.25	0.8	0.96	1	36.2	2.5	0.82	0.98	1	34.4	2.8	0.85	1	1	32.4	3.14	0.88	1	1
	1320	38	2.25	0.8	0.96	1	36.2	2.5	0.82	0.98	1	34.4	2.8	0.85	1	1	32.4	3.14	0.88	1	1
	1460	38.5	2.26	0.82	0.98	1	36.8	2.51	0.85	1	1	35	2.81	0.88	1	1	33.2	3.16	0.91	1	1
67°F	1320	40	2.28	0.62	0.77	0.92	38	2.53	0.64	0.8	0.95	36.2	2.83	0.66	0.82	0.98	33.8	3.17	0.68	0.85	1
	1320	40	2.28	0.62	0.77	0.92	38	2.53	0.64	0.8	0.95	36.2	2.83	0.66	0.82	0.98	33.8	3.17	0.68	0.85	1
	1460	40.5	2.29	0.64	0.8	0.95	38.5	2.54	0.66	0.82	0.98	36.6	2.83	0.67	0.85	1	34.4	3.18	0.69	0.89	1
71°F	1320	41.5	2.3	0.48	0.61	0.75	39.5	2.55	0.48	0.63	0.77	37.8	2.85	0.48	0.64	0.8	35.6	3.19	0.49	0.66	0.82
	1320	41.5	2.3	0.48	0.61	0.75	39.5	2.55	0.48	0.63	0.77	37.8	2.85	0.48	0.64	0.8	35.6	3.19	0.49	0.66	0.82
	1460	42	2.31	0.49	0.63	0.77	40.5	2.56	0.49	0.64	0.8	38.5	2.86	0.49	0.66	0.82	36	3.2	0.51	0.68	0.86

XP16-036-230-05 - CH33-48C-2F + SLP98UH090V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
868	28.8	2.02	26.9	1.98	25	1.94	23.1	1.9
868	28.7	2.01	26.8	1.97	24.9	1.94	23	1.9
975	29	1.93	27.1	1.89	25.2	1.86	23.3	1.82

XP16-036-230-05 - CH33-48C-2F + SLP98UH090V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1320	40.5	3.18	32.3	2.83	23.7	2.44	17.4	2.22	8.8	1.63
1320	40.5	3.18	32.3	2.83	23.7	2.44	17.4	2.22	8.8	1.63
1460	41	3.11	32.8	2.76	24.1	2.37	17.9	2.14	9.3	1.55

XP16-036-230-05 - CH33-48C-2F + SLP98UH090V60C HEATING PERFORMANCE at 1320 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.18	40.5
60	3.11	38.6
55	3.03	36.7
50	2.96	34.8
47	2.92	33.6
45	2.83	32.3
40	2.62	28.9
35	2.42	25.5
30	2.43	24.6
25	2.44	23.7
20	2.46	22.8
17	2.47	22.2
15	2.44	21.4
10	2.36	19.5
5	2.22	17.4
0	2.07	15.2
-5	1.92	13.1
-10	1.78	11
-15	1.63	8.8
-20	1.48	6.7

XP16-036-230-05 - CH33-48C-2F + SLP98UH110V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW							
63°F	890	27	1.22	0.79	0.94	1	25.8	1.4	0.81	0.97	1	24.4	1.61	0.84	1	1	23	1.85	0.87	1	1				
	890	27	1.22	0.79	0.94	1	25.8	1.4	0.81	0.97	1	24.4	1.61	0.84	1	1	23	1.85	0.87	1	1				
	970	27.6	1.21	0.81	0.97	1	26.4	1.39	0.84	1	1	25	1.6	0.86	1	1	23.6	1.84	0.9	1	1				
67°F	890	28.6	1.2	0.62	0.76	0.9	27.4	1.38	0.63	0.78	0.93	26	1.59	0.65	0.81	0.97	24.2	1.83	0.67	0.84	1				
	890	28.6	1.2	0.62	0.76	0.9	27.4	1.38	0.63	0.78	0.93	26	1.59	0.65	0.81	0.96	24.2	1.83	0.66	0.84	1				
	970	29.2	1.2	0.63	0.78	0.93	27.8	1.38	0.65	0.81	0.96	26.4	1.59	0.66	0.83	0.99	24.8	1.83	0.68	0.87	1				
71°F	890	30	1.19	0.47	0.6	0.74	28.8	1.37	0.46	0.62	0.76	27.4	1.57	0.48	0.63	0.78	25.8	1.81	0.49	0.65	0.81				
	890	30	1.19	0.47	0.6	0.74	28.8	1.37	0.46	0.62	0.76	27.4	1.57	0.48	0.63	0.78	25.8	1.81	0.48	0.65	0.81				
	970	30.4	1.19	0.47	0.62	0.76	29.2	1.36	0.47	0.63	0.78	27.8	1.57	0.49	0.65	0.81	26.2	1.81	0.49	0.67	0.83				

XP16-036-230-05 - CH33-48C-2F + SLP98UH110V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW							
63°F	1270	37.8	2.25	0.79	0.94	1	36	2.5	0.81	0.97	1	34	2.79	0.84	1	1	32	3.14	0.87	1	1				
	1270	37.8	2.25	0.79	0.94	1	36	2.5	0.81	0.97	1	34	2.79	0.84	1	1	32	3.14	0.87	1	1				
	1405	38.5	2.26	0.81	0.97	1	36.6	2.51	0.84	1	1	34.8	2.81	0.86	1	1	33	3.15	0.9	1	1				
67°F	1270	39.5	2.28	0.61	0.77	0.91	37.8	2.53	0.63	0.79	0.94	35.8	2.82	0.65	0.81	0.97	33.6	3.16	0.67	0.84	1				
	1270	39.5	2.28	0.61	0.77	0.91	37.8	2.53	0.63	0.79	0.94	35.8	2.82	0.65	0.81	0.97	33.6	3.16	0.67	0.84	1				
	1405	40.5	2.29	0.63	0.79	0.94	38.5	2.54	0.65	0.81	0.97	36.4	2.83	0.67	0.84	1	34	3.17	0.68	0.87	1				
71°F	1270	41	2.3	0.47	0.6	0.74	39.5	2.55	0.48	0.62	0.76	37.4	2.85	0.48	0.64	0.79	35.2	3.19	0.49	0.66	0.81				
	1270	41	2.3	0.47	0.6	0.74	39.5	2.55	0.48	0.62	0.76	37.6	2.85	0.48	0.64	0.79	35.2	3.19	0.49	0.66	0.81				
	1405	41.5	2.31	0.48	0.62	0.76	40	2.56	0.49	0.64	0.79	38	2.85	0.49	0.65	0.81	35.8	3.2	0.5	0.67	0.84				

XP16-036-230-05 - CH33-48C-2F + SLP98UH110V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
888	28.9	2	27	1.96	25.1	1.92	23.2	1.89
888	28.8	2	26.9	1.96	25	1.92	23.1	1.89
970	29.1	1.94	27.2	1.9	25.3	1.86	23.4	1.83

XP16-036-230-05 - CH33-48C-2F + SLP98UH110V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1270	40.7	3.24	32.3	2.87	23.5	2.46	17.2	2.23	8.7	1.64
1272	40.7	3.24	32.3	2.87	23.5	2.46	17.2	2.23	8.7	1.64
1405	40.9	3.15	32.5	2.78	23.7	2.37	17.4	2.14	8.9	1.55

XP16-036-230-05 - CH33-48C-2F + SLP98UH110V60C HEATING PERFORMANCE at 1272 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.24	40.7
60	3.16	38.8
55	3.08	36.8
50	3	34.9
47	2.96	33.7
45	2.87	32.3
40	2.65	28.8
35	2.44	25.3
30	2.45	24.4
25	2.46	23.5
20	2.48	22.6
17	2.48	22.1
15	2.45	21.3
10	2.37	19.3
5	2.23	17.2
0	2.08	15.1
-5	1.93	13
-10	1.79	10.9
-15	1.64	8.7
-20	1.49	6.6

XP16-036-230-05 - CR33-48B-F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F	75°F	80°F	85°F	
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	790	26.2	1.21	0.77	0.9	1	25.2	1.4	0.79	0.93	1	24	1.61	0.81	0.96	1	22.6	1.85	0.84	1	1				
	900	26.8	1.21	0.79	0.94	1	25.8	1.39	0.82	0.97	1	24.8	1.6	0.84	1	1	23.4	1.84	0.88	1	1				
	1015	27.4	1.2	0.82	0.97	1	26.6	1.38	0.85	1	1	25.6	1.59	0.88	1	1	24.2	1.83	0.92	1	1				
67°F	790	27.6	1.2	0.61	0.74	0.86	26.8	1.38	0.63	0.76	0.89	25.6	1.59	0.64	0.78	0.92	24.2	1.83	0.65	0.81	0.96				
	900	28.4	1.19	0.63	0.77	0.9	27.4	1.37	0.64	0.79	0.93	26.2	1.58	0.66	0.81	0.97	24.6	1.82	0.68	0.85	1				
	1015	28.8	1.19	0.65	0.79	0.93	28	1.37	0.66	0.82	0.97	26.8	1.57	0.68	0.85	1	25.2	1.81	0.7	0.88	1				
71°F	790	29.2	1.18	0.47	0.6	0.71	28.2	1.36	0.47	0.61	0.73	27	1.57	0.47	0.62	0.75	25.6	1.81	0.48	0.64	0.78				
	900	29.8	1.18	0.48	0.61	0.74	29	1.35	0.49	0.63	0.76	27.8	1.56	0.49	0.64	0.79	26.2	1.8	0.5	0.66	0.82				
	1015	30.4	1.17	0.49	0.63	0.77	29.4	1.35	0.5	0.65	0.79	28.2	1.55	0.5	0.66	0.82	26.8	1.79	0.51	0.69	0.85				

XP16-036-230-05 - CR33-48B-F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F	75°F	80°F	85°F	
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1050	35.2	2.15	0.75	0.87	0.99	33.8	2.41	0.77	0.9	1	32.2	2.71	0.79	0.93	1	30.4	3.07	0.81	0.96	1				
	1200	36	2.16	0.77	0.91	1	34.6	2.42	0.79	0.93	1	33	2.72	0.81	0.97	1	31.2	3.08	0.84	0.99	1				
	1350	36.6	2.17	0.79	0.94	1	35.2	2.43	0.81	0.97	1	33.8	2.73	0.84	0.99	1	32.2	3.09	0.87	1	1				
67°F	1050	36.6	2.17	0.61	0.73	0.84	35.4	2.43	0.62	0.74	0.86	33.8	2.73	0.63	0.76	0.89	32	3.09	0.64	0.79	0.93				
	1200	37.6	2.18	0.62	0.75	0.87	36.2	2.44	0.63	0.77	0.9	34.6	2.74	0.65	0.79	0.93	32.8	3.1	0.66	0.82	0.97				
	1350	38.5	2.19	0.63	0.77	0.9	36.8	2.45	0.65	0.79	0.93	35.2	2.75	0.66	0.81	0.97	33.2	3.1	0.68	0.84	0.99				
71°F	1050	38.5	2.19	0.48	0.59	0.7	37	2.45	0.48	0.6	0.72	35.6	2.75	0.49	0.61	0.74	33.8	3.11	0.49	0.63	0.76				
	1200	39.5	2.2	0.49	0.6	0.72	37.8	2.46	0.49	0.62	0.74	36.4	2.76	0.49	0.63	0.76	34.4	3.12	0.5	0.65	0.79				
	1350	40	2.21	0.49	0.62	0.74	38.5	2.47	0.5	0.63	0.76	37	2.77	0.5	0.65	0.79	34.8	3.12	0.51	0.67	0.82				

XP16-036-230-05 - CR33-48B-F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
788	30.7	2.15	28.7	2.11	26.7	2.06	24.7	2.02
900	31.2	2.05	29.2	2.01	27.2	1.96	25.2	1.92
1013	31.4	1.97	29.4	1.93	27.4	1.89	25.4	1.84

XP16-036-230-05 - CR33-48B-F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1050	43.1	3.18	34	2.84	24.5	2.48	17.6	2.18	8.8	1.64
1200	43.5	3.07	34.4	2.73	24.9	2.38	18	2.08	9.2	1.53
1350	44.1	2.99	35	2.65	25.5	2.3	18.6	2	9.7	1.45

XP16-036-230-05 - CR33-48B-F HEATING PERFORMANCE at 1200 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.07	43.5
60	2.99	41.4
55	2.91	39.3
50	2.83	37.1
47	2.79	35.9
45	2.73	34.4
40	2.59	30.8
35	2.44	27.1
30	2.41	26
25	2.38	24.9
20	2.34	23.8
17	2.32	23.2
15	2.29	22.3
10	2.21	20.2
5	2.08	18
0	1.94	15.8
-5	1.8	13.6
-10	1.67	11.4
-15	1.53	9.2
-20	1.39	7

XP16-036-230-05 - CR33-48B-F + EL296DF045V36B - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	755	25.6	1.23	0.76	0.9	1	24.6	1.41	0.78	0.92	1	23.4	1.62	0.8	0.95	1	21.8	1.85	0.82	0.98	1
	850	26.2	1.22	0.78	0.93	1	25.2	1.4	0.8	0.96	1	24	1.61	0.83	0.99	1	22.4	1.85	0.86	1	1
	980	27	1.21	0.81	0.97	1	26	1.39	0.84	0.99	1	24.8	1.6	0.87	1	1	23.4	1.83	0.9	1	1
67°F	755	27	1.21	0.6	0.73	0.86	26	1.39	0.61	0.75	0.88	24.8	1.6	0.62	0.77	0.91	23.2	1.84	0.64	0.8	0.95
	850	27.6	1.21	0.62	0.75	0.89	26.6	1.39	0.63	0.78	0.92	25.4	1.59	0.64	0.8	0.95	23.8	1.83	0.66	0.83	0.98
	980	28.4	1.2	0.64	0.79	0.93	27.4	1.38	0.65	0.81	0.96	26	1.59	0.67	0.84	0.99	24.4	1.83	0.69	0.88	1
71°F	755	28.4	1.2	0.46	0.59	0.71	27.4	1.38	0.46	0.6	0.72	26.2	1.59	0.46	0.61	0.74	24.8	1.82	0.48	0.62	0.77
	850	29	1.2	0.46	0.6	0.73	28	1.37	0.47	0.61	0.75	26.8	1.58	0.48	0.63	0.77	25.2	1.81	0.48	0.64	0.8
	980	29.6	1.19	0.48	0.62	0.76	28.6	1.37	0.48	0.64	0.78	27.4	1.57	0.49	0.65	0.81	25.8	1.81	0.5	0.67	0.85

XP16-036-230-05 - CR33-48B-F + EL296DF045V36B - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	1050	35.8	2.16	0.76	0.9	1	34.2	2.41	0.78	0.92	1	32.4	2.71	0.8	0.95	1	30.2	3.05	0.83	0.98	1
	1210	37	2.17	0.79	0.94	1	35.2	2.43	0.81	0.96	1	33.2	2.72	0.84	0.99	1	31.2	3.06	0.87	1	1
	1310	37.6	2.18	0.81	0.96	1	35.8	2.43	0.83	0.98	1	33.8	2.73	0.86	1	1	31.8	3.07	0.9	1	1
67°F	1050	37.8	2.18	0.6	0.74	0.86	36	2.44	0.61	0.75	0.89	34.2	2.73	0.63	0.77	0.92	32	3.08	0.64	0.8	0.95
	1210	39	2.19	0.63	0.77	0.9	37	2.45	0.64	0.79	0.93	35	2.74	0.65	0.81	0.96	32.8	3.08	0.67	0.84	0.99
	1310	39.5	2.2	0.64	0.79	0.93	37.6	2.45	0.65	0.81	0.96	35.6	2.75	0.67	0.84	0.98	33.2	3.09	0.69	0.87	1
71°F	1050	40	2.2	0.47	0.59	0.71	38	2.46	0.47	0.6	0.73	36	2.76	0.47	0.61	0.75	33.8	3.1	0.48	0.63	0.77
	1210	41	2.21	0.47	0.61	0.74	39	2.47	0.48	0.62	0.76	37	2.77	0.48	0.64	0.79	34.6	3.11	0.49	0.66	0.82
	1310	41.5	2.22	0.48	0.63	0.76	39.5	2.48	0.49	0.64	0.79	37.4	2.77	0.5	0.65	0.81	35	3.11	0.51	0.68	0.85

XP16-036-230-05 - CR33-48B-F + EL296DF045V36B - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
755	29.8	1.82	28	1.78	26.2	1.74	24.5	1.7
850	30.1	1.74	28.4	1.7	26.6	1.66	24.8	1.62
980	30.7	1.67	29	1.63	27.2	1.59	25.4	1.55

XP16-036-230-05 - CR33-48B-F + EL296DF045V36B - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1050	43.2	2.84	33.9	2.49	24.1	2.13	16.9	1.82	8.3	1.37
1210	43.9	2.76	34.6	2.4	24.8	2.04	17.6	1.73	9	1.29
1310	44.4	2.71	35	2.36	25.3	2	18.1	1.69	9.5	1.24

XP16-036-230-05 - CR33-48B-F + EL296DF045V36B HEATING PERFORMANCE at 1210 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.76	43.9
60	2.67	41.7
55	2.59	39.5
50	2.51	37.3
47	2.46	36
45	2.4	34.6
40	2.27	30.9
35	2.15	27.3
30	2.09	26
25	2.04	24.8
20	1.99	23.6
17	1.96	22.9
15	1.92	22
10	1.84	19.8
5	1.73	17.6
0	1.62	15.5
-5	1.51	13.3
-10	1.4	11.2
-15	1.29	9
-20	1.17	6.9

XP16-036-230-05 - CR33-48B-F + EL296DF070V48B - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	735	25.6	1.23	0.76	0.89	1	24.4	1.41	0.77	0.92	1	23.2	1.62	0.79	0.94	1	21.6	1.86	0.82	0.98	1				
	820	26	1.22	0.77	0.92	1	25	1.4	0.8	0.95	1	23.8	1.61	0.82	0.98	1	22.2	1.85	0.85	1	1				
	915	26.6	1.22	0.8	0.95	1	25.6	1.4	0.83	0.98	1	24.4	1.6	0.85	1	1	23	1.84	0.89	1	1				
67°F	735	27	1.22	0.6	0.73	0.85	25.8	1.39	0.61	0.74	0.88	24.6	1.6	0.62	0.77	0.91	23.2	1.84	0.63	0.79	0.94				
	820	27.4	1.21	0.61	0.75	0.88	26.4	1.39	0.62	0.77	0.91	25.2	1.6	0.64	0.79	0.94	23.6	1.83	0.65	0.82	0.97				
	915	28.2	1.21	0.63	0.77	0.92	27	1.38	0.64	0.8	0.94	25.6	1.59	0.66	0.82	0.97	24.2	1.83	0.68	0.86	1				
71°F	735	28.4	1.2	0.46	0.59	0.7	27.4	1.38	0.46	0.59	0.72	26	1.59	0.46	0.61	0.74	24.6	1.82	0.47	0.62	0.76				
	820	29	1.2	0.47	0.6	0.72	27.8	1.38	0.47	0.61	0.74	26.6	1.58	0.47	0.62	0.76	25.2	1.81	0.48	0.64	0.79				
	915	29.4	1.19	0.48	0.61	0.75	28.4	1.37	0.48	0.62	0.77	27.2	1.57	0.49	0.64	0.8	25.6	1.81	0.49	0.66	0.82				

XP16-036-230-05 - CR33-48B-F + EL296DF070V48B - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1065	36	2.16	0.76	0.9	1	34.4	2.42	0.78	0.93	1	32.4	2.71	0.8	0.96	1	30.2	3.05	0.83	0.99	1				
	1230	37.2	2.17	0.79	0.94	1	35.4	2.43	0.82	0.97	1	33.4	2.72	0.84	0.99	1	31.4	3.06	0.87	1	1				
	1340	37.8	2.18	0.82	0.97	1	36	2.43	0.84	0.99	1	34	2.73	0.87	1	1	32	3.08	0.9	1	1				
67°F	1065	38	2.18	0.61	0.74	0.87	36.2	2.44	0.62	0.76	0.89	34.4	2.73	0.63	0.78	0.92	32	3.08	0.65	0.81	0.95				
	1230	39	2.19	0.63	0.77	0.91	37.2	2.45	0.64	0.79	0.93	35.2	2.74	0.65	0.82	0.97	33	3.09	0.67	0.85	1				
	1340	39.5	2.2	0.64	0.79	0.93	37.8	2.46	0.66	0.81	0.96	35.6	2.75	0.67	0.84	0.99	33.4	3.09	0.69	0.88	1				
71°F	1065	40	2.21	0.46	0.59	0.72	38	2.46	0.47	0.6	0.73	36.2	2.76	0.48	0.62	0.75	34	3.1	0.48	0.63	0.78				
	1230	41	2.22	0.48	0.61	0.75	39	2.47	0.48	0.63	0.77	37	2.77	0.48	0.64	0.79	34.6	3.11	0.5	0.66	0.82				
	1340	41.5	2.22	0.49	0.63	0.77	39.5	2.48	0.49	0.64	0.79	37.6	2.77	0.5	0.66	0.82	35.2	3.12	0.51	0.68	0.85				

XP16-036-230-05 - CR33-48B-F + EL296DF070V48B - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
735	29.8	1.84	28	1.8	26.3	1.76	24.5	1.71
820	30.1	1.77	28.3	1.72	26.5	1.68	24.8	1.64
915	30.5	1.71	28.8	1.66	27	1.62	25.2	1.58

XP16-036-230-05 - CR33-48B-F + EL296DF070V48B - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1065	43.4	2.83	34	2.48	24.2	2.12	17	1.81	8.4	1.37
1230	44	2.74	34.7	2.4	24.9	2.04	17.7	1.73	9	1.28
1340	44.4	2.69	35	2.35	25.3	1.99	18.1	1.68	9.4	1.23

XP16-036-230-05 - CR33-48B-F + EL296DF070V48B HEATING PERFORMANCE at 1230 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.74	44
60	2.66	41.8
55	2.58	39.6
50	2.5	37.4
47	2.45	36.1
45	2.4	34.7
40	2.27	31
35	2.14	27.3
30	2.09	26.1
25	2.04	24.9
20	1.98	23.7
17	1.95	22.9
15	1.92	22.1
10	1.84	19.9
5	1.73	17.7
0	1.61	15.5
-5	1.5	13.4
-10	1.39	11.2
-15	1.28	9
-20	1.17	6.9

XP16-036-230-05 - CR33-48B-F + SL280DF090V48B-3 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	745	25.8	1.22	0.75	0.88	1	24.8	1.4	0.77	0.91	1	23.6	1.61	0.79	0.94	1	22.2	1.86	0.81	0.97	1				
	885	26.6	1.21	0.78	0.92	1	25.6	1.39	0.8	0.96	1	24.4	1.6	0.83	0.99	1	23	1.84	0.86	1	1				
	905	26.8	1.21	0.79	0.93	1	25.8	1.39	0.81	0.97	1	24.6	1.6	0.84	1	1	23.2	1.84	0.87	1	1				
67°F	745	27.4	1.2	0.6	0.72	0.84	26.4	1.38	0.61	0.74	0.87	25.2	1.59	0.62	0.76	0.9	23.8	1.83	0.63	0.78	0.93				
	885	28.2	1.19	0.62	0.75	0.89	27.2	1.37	0.63	0.77	0.92	26	1.58	0.64	0.8	0.95	24.6	1.82	0.66	0.83	0.99				
	905	28.2	1.19	0.62	0.76	0.89	27.4	1.37	0.63	0.78	0.92	26.2	1.58	0.65	0.81	0.96	24.6	1.82	0.67	0.84	1				
71°F	745	28.8	1.19	0.45	0.58	0.7	27.8	1.37	0.46	0.59	0.71	26.6	1.57	0.46	0.6	0.73	25.2	1.81	0.46	0.62	0.75				
	885	29.6	1.18	0.46	0.6	0.73	28.8	1.36	0.47	0.61	0.75	27.6	1.56	0.47	0.63	0.77	26	1.8	0.48	0.65	0.8				
	905	29.8	1.18	0.47	0.6	0.73	28.8	1.35	0.48	0.62	0.75	27.6	1.56	0.48	0.63	0.78	26.2	1.8	0.48	0.65	0.81				

XP16-036-230-05 - CR33-48B-F + SL280DF090V48B-3 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1075	35.2	2.15	0.75	0.87	0.99	33.8	2.41	0.76	0.9	1	32.2	2.71	0.78	0.93	1	30.4	3.07	0.81	0.96	1				
	1270	36.2	2.16	0.77	0.91	1	34.8	2.42	0.79	0.94	1	33.2	2.73	0.82	0.98	1	31.4	3.08	0.85	1	1				
	1330	36.4	2.17	0.78	0.93	1	35	2.43	0.8	0.96	1	33.4	2.73	0.83	0.99	1	31.8	3.09	0.86	1	1				
67°F	1075	36.8	2.17	0.6	0.72	0.84	35.4	2.43	0.61	0.74	0.86	34	2.74	0.63	0.76	0.89	32	3.09	0.64	0.78	0.93				
	1270	37.6	2.18	0.62	0.75	0.88	36.4	2.44	0.63	0.77	0.91	34.8	2.75	0.64	0.79	0.94	32.8	3.1	0.66	0.82	0.98				
	1330	38	2.18	0.63	0.76	0.89	36.6	2.45	0.64	0.78	0.92	35	2.75	0.65	0.8	0.95	33.2	3.1	0.67	0.83	0.99				
71°F	1075	38.5	2.19	0.47	0.59	0.7	37	2.45	0.47	0.6	0.71	35.6	2.76	0.48	0.61	0.73	33.8	3.11	0.48	0.63	0.76				
	1270	39.5	2.2	0.48	0.61	0.73	38	2.46	0.48	0.62	0.75	36.6	2.77	0.49	0.63	0.77	34.6	3.12	0.49	0.65	0.79				
	1330	40	2.2	0.48	0.61	0.73	38.5	2.47	0.49	0.62	0.75	36.8	2.77	0.49	0.64	0.78	34.8	3.12	0.5	0.66	0.81				

XP16-036-230-05 - CR33-48B-F + SL280DF090V48B-3 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
745	30.1	2.18	28	2.13	26	2.09	23.9	2.04
885	30.5	2.04	28.5	2	26.5	1.95	24.4	1.91
905	30.7	2.03	28.7	1.99	26.6	1.94	24.6	1.9

XP16-036-230-05 - CR33-48B-F + SL280DF090V48B-3 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1075	42.8	3.13	33.5	2.8	23.8	2.46	16.8	2.17	8.3	1.63
1270	43.4	3	34.1	2.68	24.4	2.34	17.4	2.05	8.9	1.51
1330	43.6	2.97	34.3	2.65	24.6	2.31	17.6	2.02	9.1	1.48

XP16-036-230-05 - CR33-48B-F + SL280DF090V48B-3 HEATING PERFORMANCE at 1270 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3	43.4
60	2.93	41.3
55	2.85	39.1
50	2.78	36.9
47	2.74	35.6
45	2.68	34.1
40	2.54	30.4
35	2.4	26.6
30	2.37	25.5
25	2.34	24.4
20	2.31	23.3
17	2.29	22.6
15	2.26	21.7
10	2.18	19.6
5	2.05	17.4
0	1.91	15.3
-5	1.78	13.2
-10	1.64	11
-15	1.51	8.9
-20	1.37	6.8

XP16-036-230-05 - CR33-48C-F + SL280DF090V48B - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	850	26.4	1.21	0.77	0.91	1	25.4	1.39	0.79	0.95	1	24.2	1.6	0.82	0.98	1	22.8	1.84	0.85	1	1				
	935	26.8	1.21	0.79	0.94	1	25.8	1.39	0.81	0.97	1	24.8	1.6	0.84	1	1	23.4	1.84	0.88	1	1				
	1000	27.2	1.2	0.81	0.96	1	26.2	1.39	0.83	0.99	1	25.4	1.59	0.86	1	1	24	1.83	0.9	1	1				
67°F	850	28	1.2	0.61	0.74	0.88	27	1.38	0.63	0.77	0.9	25.8	1.58	0.64	0.79	0.94	24.4	1.83	0.65	0.82	0.97				
	935	28.4	1.19	0.62	0.76	0.9	27.4	1.37	0.64	0.79	0.93	26.2	1.58	0.65	0.81	0.97	24.8	1.82	0.67	0.85	1				
	1000	28.8	1.19	0.64	0.78	0.92	27.8	1.37	0.65	0.8	0.96	26.6	1.58	0.67	0.83	0.99	25	1.82	0.69	0.87	1				
71°F	850	29.4	1.18	0.46	0.6	0.72	28.6	1.36	0.47	0.61	0.74	27.2	1.57	0.47	0.62	0.76	25.8	1.8	0.48	0.64	0.79				
	935	30	1.18	0.47	0.61	0.74	29	1.35	0.48	0.62	0.76	27.8	1.56	0.48	0.64	0.78	26.2	1.8	0.49	0.66	0.82				
	1000	30.4	1.17	0.48	0.62	0.75	29.4	1.35	0.48	0.63	0.78	28	1.56	0.49	0.65	0.8	26.6	1.79	0.5	0.67	0.84				

XP16-036-230-05 - CR33-48C-F + SL280DF090V48B - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1085	35.2	2.15	0.75	0.87	0.99	33.8	2.41	0.77	0.9	1	32.2	2.71	0.78	0.93	1	30.4	3.07	0.81	0.97	1				
	1250	36	2.16	0.77	0.91	1	34.8	2.42	0.79	0.94	1	33	2.72	0.82	0.97	1	31.4	3.08	0.85	1	1				
	1410	36.8	2.17	0.79	0.94	1	35.4	2.43	0.82	0.97	1	34	2.73	0.84	0.99	1	32.4	3.09	0.88	1	1				
67°F	1085	36.8	2.17	0.6	0.72	0.84	35.4	2.43	0.61	0.74	0.87	34	2.74	0.63	0.76	0.89	32.2	3.09	0.64	0.78	0.93				
	1250	37.6	2.18	0.62	0.75	0.87	36.2	2.44	0.63	0.77	0.9	34.8	2.75	0.64	0.79	0.93	32.8	3.1	0.66	0.82	0.97				
	1410	38.5	2.19	0.63	0.77	0.91	37	2.45	0.65	0.79	0.94	35.4	2.75	0.66	0.82	0.97	33.4	3.1	0.68	0.85	1				
71°F	1085	38.5	2.19	0.47	0.59	0.7	37.2	2.45	0.47	0.6	0.71	35.6	2.76	0.47	0.61	0.73	33.8	3.11	0.48	0.63	0.76				
	1250	39.5	2.2	0.48	0.6	0.72	38	2.46	0.49	0.61	0.74	36.4	2.77	0.49	0.63	0.77	34.6	3.12	0.49	0.65	0.79				
	1410	40	2.21	0.49	0.62	0.75	38.5	2.47	0.5	0.63	0.77	37	2.77	0.5	0.65	0.79	35	3.12	0.51	0.67	0.82				

XP16-036-230-05 - CR33-48C-F + SL280DF090V48B - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
848	30.5	2.07	28.4	2.03	26.4	1.99	24.4	1.95
933	30.7	2.01	28.7	1.97	26.7	1.92	24.6	1.88
1000	30.8	1.97	28.8	1.92	26.8	1.88	24.7	1.84

XP16-036-230-05 - CR33-48C-F + SL280DF090V48B - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1085	42.8	3.12	33.5	2.79	23.8	2.45	16.8	2.15	8.3	1.61
1249	43.4	3.02	34.1	2.69	24.4	2.34	17.4	2.05	8.9	1.51
1410	43.8	2.94	34.5	2.61	24.8	2.27	17.9	1.98	9.3	1.44

XP16-036-230-05 - CR33-48C-F + SL280DF090V48B HEATING PERFORMANCE at 1249 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.02	43.4
60	2.94	41.2
55	2.87	39.1
50	2.79	36.9
47	2.75	35.6
45	2.69	34.1
40	2.55	30.4
35	2.41	26.6
30	2.38	25.5
25	2.34	24.4
20	2.31	23.3
17	2.29	22.6
15	2.26	21.7
10	2.19	19.6
5	2.05	17.4
0	1.92	15.3
-5	1.78	13.2
-10	1.65	11
-15	1.51	8.9
-20	1.38	6.8

XP16-036-230-05 - CR33-48C-F + SL280DF090V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	930	26.8	1.21	0.79	0.94	1	25.8	1.39	0.81	0.97	1	24.8	1.6	0.84	1	1	23.4	1.83	0.87	1	1				
	930	26.8	1.21	0.79	0.94	1	25.8	1.39	0.81	0.97	1	24.8	1.6	0.84	1	1	23.4	1.84	0.87	1	1				
	1020	27.4	1.2	0.81	0.97	1	26.4	1.38	0.84	0.99	1	25.4	1.59	0.87	1	1	24	1.83	0.91	1	1				
67°F	930	28.4	1.19	0.62	0.76	0.9	27.4	1.37	0.63	0.78	0.93	26.2	1.58	0.65	0.81	0.97	24.8	1.82	0.67	0.85	1				
	930	28.4	1.19	0.62	0.76	0.9	27.4	1.37	0.63	0.78	0.93	26.2	1.58	0.65	0.81	0.97	24.8	1.82	0.67	0.84	1				
	1020	28.8	1.19	0.64	0.78	0.93	27.8	1.37	0.65	0.81	0.96	26.6	1.58	0.67	0.84	0.99	25.2	1.81	0.69	0.87	1				
71°F	930	30	1.18	0.47	0.61	0.74	29	1.35	0.48	0.62	0.76	27.8	1.56	0.48	0.64	0.78	26.2	1.8	0.48	0.66	0.81				
	930	30	1.18	0.47	0.61	0.74	29	1.35	0.47	0.62	0.76	27.8	1.56	0.48	0.64	0.78	26.2	1.8	0.48	0.65	0.81				
	1020	30.4	1.17	0.48	0.62	0.76	29.4	1.35	0.48	0.64	0.78	28.2	1.56	0.49	0.65	0.81	26.6	1.79	0.5	0.68	0.84				

XP16-036-230-05 - CR33-48C-F + SL280DF090V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1305	36.4	2.17	0.78	0.92	1	35	2.43	0.8	0.95	1	33.2	2.73	0.82	0.98	1	31.6	3.08	0.85	1	1				
	1305	36.4	2.17	0.78	0.92	1	35	2.43	0.8	0.95	1	33.2	2.73	0.82	0.98	1	31.6	3.08	0.86	1	1				
	1420	36.8	2.17	0.79	0.94	1	35.4	2.43	0.81	0.97	1	34	2.73	0.84	0.99	1	32.4	3.09	0.88	1	1				
67°F	1305	37.8	2.18	0.62	0.75	0.88	36.4	2.44	0.63	0.77	0.91	35	2.75	0.65	0.8	0.95	33	3.1	0.66	0.83	0.98				
	1305	37.8	2.18	0.62	0.75	0.88	36.4	2.44	0.63	0.77	0.91	35	2.75	0.65	0.8	0.95	33	3.1	0.66	0.83	0.98				
	1420	38.5	2.19	0.63	0.77	0.91	37	2.45	0.64	0.79	0.94	35.4	2.75	0.66	0.82	0.97	33.4	3.1	0.68	0.85	1				
71°F	1305	39.5	2.2	0.48	0.61	0.73	38	2.47	0.48	0.62	0.75	36.6	2.77	0.49	0.63	0.77	34.8	3.12	0.5	0.65	0.8				
	1305	39.5	2.2	0.48	0.61	0.73	38	2.47	0.49	0.62	0.75	36.6	2.77	0.49	0.63	0.77	34.8	3.12	0.5	0.65	0.8				
	1420	40	2.21	0.49	0.62	0.74	38.5	2.47	0.49	0.63	0.77	37	2.77	0.49	0.65	0.79	35	3.12	0.5	0.67	0.82				

XP16-036-230-05 - CR33-48C-F + SL280DF090V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
929	30.7	2.01	28.7	1.97	26.6	1.93	24.6	1.88
929	30.6	2.01	28.6	1.97	26.6	1.92	24.5	1.88
1020	30.8	1.95	28.8	1.91	26.7	1.87	24.7	1.83

XP16-036-230-05 - CR33-48C-F + SL280DF090V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1305	43.4	2.97	34	2.66	24.3	2.32	17.3	2.04	8.9	1.5
1306	43.4	2.97	34	2.66	24.3	2.32	17.3	2.04	8.9	1.5
1420	43.7	2.93	34.3	2.61	24.6	2.27	17.6	1.99	9.1	1.45

XP16-036-230-05 - CR33-48C-F + SL280DF090V60C HEATING PERFORMANCE at 1306 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.97	43.4
60	2.9	41.2
55	2.83	39
50	2.76	36.8
47	2.71	35.5
45	2.66	34
40	2.52	30.3
35	2.38	26.6
30	2.35	25.4
25	2.32	24.3
20	2.29	23.2
17	2.28	22.5
15	2.25	21.6
10	2.17	19.4
5	2.04	17.3
0	1.9	15.2
-5	1.77	13.1
-10	1.64	11
-15	1.5	8.9
-20	1.37	6.7

XP16-036-230-05 - CR33-48C-F + SL280DF110V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	895	26.6	1.21	0.78	0.93	1	25.8	1.39	0.8	0.96	1	24.6	1.6	0.83	0.99	1	23.2	1.84	0.86	1	1				
	895	26.6	1.21	0.78	0.93	1	25.6	1.39	0.8	0.96	1	24.6	1.6	0.83	0.99	1	23.2	1.84	0.86	1	1				
	1005	27.2	1.2	0.81	0.96	1	26.2	1.39	0.83	0.99	1	25.4	1.59	0.86	1	1	24	1.83	0.9	1	1				
67°F	895	28.2	1.19	0.62	0.76	0.89	27.2	1.37	0.63	0.78	0.92	26	1.58	0.65	0.8	0.96	24.6	1.82	0.66	0.83	0.99				
	895	28.2	1.19	0.62	0.76	0.89	27.2	1.37	0.63	0.78	0.92	26	1.58	0.64	0.8	0.96	24.6	1.82	0.66	0.83	0.99				
	1005	28.8	1.19	0.63	0.78	0.92	27.8	1.37	0.65	0.8	0.96	26.6	1.58	0.66	0.83	0.99	25	1.82	0.68	0.87	1				
71°F	895	29.8	1.18	0.46	0.61	0.73	28.8	1.36	0.47	0.62	0.75	27.6	1.56	0.47	0.63	0.77	26	1.8	0.48	0.65	0.8				
	895	29.8	1.18	0.46	0.6	0.73	28.8	1.36	0.47	0.61	0.75	27.6	1.56	0.47	0.63	0.77	26	1.8	0.48	0.65	0.8				
	1005	30.4	1.17	0.47	0.62	0.75	29.4	1.35	0.48	0.63	0.78	28	1.56	0.49	0.65	0.8	26.6	1.8	0.49	0.67	0.84				

XP16-036-230-05 - CR33-48C-F + SL280DF110V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1225	36	2.16	0.77	0.9	1	34.6	2.42	0.79	0.93	1	33	2.72	0.81	0.96	1	31.2	3.08	0.84	0.99	1				
	1225	36	2.16	0.77	0.9	1	34.6	2.42	0.79	0.93	1	33	2.72	0.81	0.96	1	31.2	3.08	0.84	0.99	1				
	1400	36.8	2.17	0.79	0.94	1	35.2	2.43	0.81	0.97	1	33.8	2.73	0.84	0.99	1	32.2	3.09	0.87	1	1				
67°F	1225	37.6	2.18	0.62	0.74	0.87	36.2	2.44	0.62	0.76	0.89	34.6	2.74	0.64	0.78	0.93	32.8	3.1	0.65	0.81	0.97				
	1225	37.6	2.18	0.62	0.74	0.87	36.2	2.44	0.63	0.76	0.9	34.6	2.74	0.64	0.78	0.93	32.8	3.1	0.65	0.81	0.97				
	1400	38.5	2.19	0.63	0.76	0.9	37	2.45	0.64	0.79	0.93	35.2	2.75	0.66	0.81	0.97	33.4	3.1	0.68	0.84	0.99				
71°F	1225	39.5	2.2	0.48	0.6	0.72	37.8	2.46	0.48	0.61	0.74	36.2	2.76	0.48	0.62	0.76	34.4	3.12	0.49	0.64	0.79				
	1225	39.5	2.2	0.48	0.6	0.72	37.8	2.46	0.48	0.61	0.74	36.4	2.76	0.48	0.62	0.76	34.4	3.12	0.49	0.64	0.79				
	1400	40	2.21	0.49	0.61	0.74	38.5	2.47	0.49	0.63	0.76	37	2.77	0.49	0.64	0.79	35	3.12	0.5	0.66	0.82				

XP16-036-230-05 - CR33-48C-F + SL280DF110V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
897	30.6	2.03	28.5	1.99	26.5	1.95	24.5	1.9
897	30.5	2.03	28.5	1.99	26.4	1.94	24.4	1.9
1005	30.7	1.96	28.7	1.92	26.6	1.87	24.6	1.83

XP16-036-230-05 - CR33-48C-F + SL280DF110V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1225	42.9	3.02	33.7	2.69	24.2	2.35	17.3	2.05	8.8	1.51
1227	42.9	3.02	33.7	2.69	24.2	2.35	17.3	2.05	8.8	1.51
1400	43.5	2.94	34.3	2.61	24.8	2.27	17.9	1.97	9.4	1.43

XP16-036-230-05 - CR33-48C-F + SL280DF110V60C HEATING PERFORMANCE at 1227 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.02	42.9
60	2.95	40.7
55	2.87	38.6
50	2.79	36.5
47	2.75	35.2
45	2.69	33.7
40	2.55	30.1
35	2.41	26.4
30	2.38	25.3
25	2.35	24.2
20	2.31	23.1
17	2.29	22.4
15	2.26	21.5
10	2.19	19.4
5	2.05	17.3
0	1.92	15.2
-5	1.78	13.1
-10	1.65	10.9
-15	1.51	8.8
-20	1.38	6.7

XP16-036-230-05 - CX34-43B-6F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
63°F	790	26.4	1.22	0.78	0.92	1	25.2	1.4	0.8	0.95	1	23.8	1.61	0.82	0.98	1	22.4	1.85	0.86	1	1				
	900	27.2	1.21	0.81	0.97	1	26	1.39	0.83	0.99	1	24.6	1.6	0.86	1	1	23.2	1.84	0.9	1	1				
	1015	27.8	1.21	0.84	1	1	26.6	1.39	0.87	1	1	25.4	1.59	0.9	1	1	24.2	1.83	0.94	1	1				
67°F	790	27.8	1.21	0.62	0.75	0.88	26.6	1.39	0.61	0.77	0.91	25.2	1.6	0.64	0.8	0.94	23.6	1.83	0.66	0.82	0.98				
	900	28.6	1.2	0.64	0.78	0.93	27.4	1.38	0.65	0.81	0.96	26	1.59	0.67	0.83	0.99	24.4	1.82	0.69	0.87	1				
	1015	29.2	1.2	0.65	0.81	0.96	28	1.37	0.67	0.84	0.99	26.6	1.58	0.69	0.87	1	24.8	1.82	0.71	0.9	1				
71°F	790	29	1.2	0.48	0.6	0.73	28	1.37	0.49	0.61	0.74	26.6	1.58	0.48	0.63	0.77	25.2	1.81	0.49	0.65	0.8				
	900	29.8	1.19	0.48	0.61	0.76	28.6	1.37	0.49	0.64	0.78	27.4	1.57	0.5	0.65	0.8	25.8	1.81	0.5	0.67	0.84				
	1015	30.4	1.18	0.49	0.64	0.78	29.4	1.36	0.49	0.65	0.81	28	1.56	0.5	0.67	0.84	26.2	1.8	0.52	0.69	0.87				

XP16-036-230-05 - CX34-43B-6F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
63°F	1050	36.6	2.17	0.77	0.91	1	34.8	2.42	0.79	0.94	1	32.8	2.71	0.81	0.97	1	30.6	3.06	0.84	1	1				
	1200	37.6	2.18	0.8	0.95	1	35.8	2.43	0.82	0.98	1	33.8	2.73	0.85	1	1	31.8	3.07	0.88	1	1				
	1350	38.5	2.19	0.83	0.99	1	36.6	2.44	0.85	1	1	34.8	2.74	0.88	1	1	32.8	3.09	0.92	1	1				
67°F	1050	38.5	2.19	0.61	0.74	0.87	36.6	2.44	0.62	0.76	0.9	34.6	2.74	0.64	0.79	0.93	32.4	3.08	0.65	0.82	0.97				
	1200	39.5	2.2	0.63	0.77	0.91	37.8	2.46	0.64	0.8	0.94	35.6	2.75	0.66	0.82	0.98	33.2	3.09	0.68	0.85	1				
	1350	40.5	2.21	0.65	0.8	0.95	38.5	2.47	0.66	0.83	0.98	36.2	2.76	0.68	0.86	1	33.8	3.1	0.7	0.89	1				
71°F	1050	40.5	2.21	0.47	0.6	0.72	38.5	2.47	0.47	0.61	0.74	36.4	2.76	0.48	0.62	0.76	34.4	3.11	0.49	0.64	0.79				
	1200	41.5	2.22	0.48	0.61	0.75	39.5	2.47	0.48	0.63	0.77	37.4	2.77	0.49	0.65	0.8	35	3.11	0.5	0.67	0.83				
	1350	42	2.23	0.49	0.63	0.78	40	2.49	0.49	0.65	0.8	38	2.78	0.5	0.67	0.83	35.6	3.12	0.51	0.69	0.86				

XP16-036-230-05 - CX34-43B-6F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
788	29.5	2.04	27.8	1.97	26.1	1.91	24.4	1.85
900	30.1	1.94	28.4	1.88	26.6	1.81	24.9	1.75
1013	30.5	1.86	28.8	1.8	27.1	1.74	25.4	1.67

XP16-036-230-05 - CX34-43B-6F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1050	41.6	3.45	33	2.91	24	2.37	17.5	1.87	8.6	1.46
1200	42.2	3.32	33.6	2.78	24.6	2.24	18.1	1.74	9.2	1.32
1350	42.7	3.23	34.1	2.69	25.1	2.15	18.6	1.65	9.7	1.24

XP16-036-230-05 - CX34-43B-6F

HEATING PERFORMANCE at 1200 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.32	42.2
60	3.19	40.2
55	3.05	38.2
50	2.92	36.2
47	2.84	35
45	2.78	33.6
40	2.64	30
35	2.5	26.4
30	2.37	25.5
25	2.24	24.6
20	2.11	23.7
17	2.03	23.1
15	1.98	22.3
10	1.84	20.3
5	1.74	18.1
0	1.64	15.9
-5	1.53	13.6
-10	1.43	11.4
-15	1.32	9.2
-20	1.22	6.9

XP16-036-230-05 - CX34-43B-6F + EL296UH045V36B - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	695	25.6	1.23	0.75	0.88	1	24.4	1.41	0.76	0.9	1	23	1.62	0.78	0.93	1	21.6	1.86	0.81	0.96	1				
	865	27	1.22	0.79	0.94	1	25.8	1.4	0.81	0.97	1	24.4	1.6	0.84	1	1	23	1.84	0.87	1	1				
	980	27.8	1.21	0.82	0.98	1	26.4	1.39	0.85	1	1	25.2	1.59	0.88	1	1	23.8	1.83	0.91	1	1				
67°F	695	27	1.21	0.6	0.72	0.84	25.8	1.4	0.6	0.73	0.86	24.6	1.6	0.61	0.75	0.89	23	1.84	0.63	0.78	0.93				
	865	28.4	1.2	0.61	0.76	0.9	27.2	1.38	0.63	0.78	0.93	25.8	1.59	0.65	0.81	0.96	24.2	1.83	0.66	0.84	1				
	980	29.2	1.2	0.64	0.79	0.95	28	1.38	0.66	0.82	0.98	26.4	1.58	0.66	0.84	1	25	1.82	0.69	0.87	1				
71°F	695	28.2	1.2	0.46	0.58	0.69	27.2	1.38	0.46	0.58	0.7	26	1.59	0.46	0.59	0.73	24.6	1.82	0.47	0.61	0.75				
	865	29.6	1.19	0.47	0.6	0.74	28.4	1.37	0.47	0.62	0.76	27	1.57	0.48	0.63	0.78	25.6	1.81	0.49	0.65	0.81				
	980	30.2	1.19	0.48	0.62	0.77	29.2	1.36	0.49	0.64	0.79	27.8	1.57	0.48	0.66	0.81	26.2	1.8	0.5	0.67	0.85				

XP16-036-230-05 - CX34-43B-6F + EL296UH045V36B - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1020	36.4	2.16	0.75	0.89	1	34.6	2.42	0.77	0.92	1	32.6	2.71	0.8	0.95	1	30.6	3.05	0.82	0.98	1				
	1210	37.8	2.18	0.79	0.94	1	36	2.43	0.81	0.97	1	33.8	2.73	0.84	1	1	31.8	3.08	0.87	1	1				
	1370	39	2.19	0.83	0.99	1	36.8	2.45	0.85	1	1	35	2.74	0.88	1	1	33	3.09	0.92	1	1				
67°F	1020	38.5	2.19	0.6	0.73	0.86	36.4	2.44	0.61	0.75	0.88	34.6	2.74	0.62	0.77	0.91	32.4	3.08	0.64	0.8	0.95				
	1210	40	2.2	0.62	0.77	0.91	37.8	2.46	0.64	0.79	0.94	35.8	2.75	0.65	0.81	0.97	33.4	3.09	0.67	0.85	1				
	1370	40.5	2.21	0.65	0.8	0.95	38.5	2.47	0.66	0.82	0.98	36.4	2.76	0.68	0.85	1	34	3.1	0.7	0.89	1				
71°F	1020	40	2.21	0.46	0.59	0.7	38.5	2.46	0.46	0.6	0.72	36.4	2.76	0.47	0.6	0.74	34.2	3.1	0.48	0.63	0.77				
	1210	41.5	2.22	0.47	0.61	0.74	39.5	2.48	0.47	0.62	0.76	37.4	2.77	0.48	0.64	0.79	35.2	3.12	0.49	0.66	0.82				
	1370	42.5	2.23	0.49	0.63	0.77	40.5	2.49	0.49	0.65	0.8	38.5	2.78	0.5	0.67	0.83	35.8	3.12	0.5	0.69	0.86				

XP16-036-230-05 - CX34-43B-6F + EL296UH045V36B - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
695	28.5	2.13	26.8	2.06	25.1	2	23.4	1.94
865	29.3	1.95	27.6	1.89	25.9	1.82	24.2	1.76
980	29.9	1.87	28.2	1.8	26.5	1.74	24.8	1.68

XP16-036-230-05 - CX34-43B-6F + EL296UH045V36B - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1020	41.1	3.47	32.4	2.93	23.3	2.39	16.8	1.89	8.2	1.48
1210	41.9	3.3	33.2	2.76	24.1	2.22	17.6	1.73	9	1.32
1370	42.5	3.21	33.9	2.68	24.8	2.14	18.2	1.64	9.6	1.23

XP16-036-230-05 - CX34-43B-6F + EL296UH045V36B HEATING PERFORMANCE at 1210 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.3	41.9
60	3.17	39.9
55	3.03	37.9
50	2.9	35.9
47	2.82	34.7
45	2.76	33.2
40	2.62	29.6
35	2.48	26.1
30	2.35	25.1
25	2.22	24.1
20	2.1	23.2
17	2.02	22.6
15	1.97	21.8
10	1.83	19.8
5	1.73	17.6
0	1.63	15.5
-5	1.52	13.3
-10	1.42	11.1
-15	1.32	9
-20	1.21	6.8

XP16-036-230-05 - CX34-43B-6F + SL280UH090V36B - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F	75°F	80°F	85°F	
63°F	700	25.4	1.23	0.75	0.88	1	24.4	1.41	0.76	0.91	1	23	1.62	0.78	0.94	1	21.4	1.86	0.81	0.97	1				
	775	26	1.22	0.77	0.91	1	24.8	1.4	0.78	0.94	1	23.6	1.61	0.81	0.97	1	22	1.85	0.84	1	1				
	875	26.8	1.22	0.79	0.95	1	25.6	1.4	0.82	0.98	1	24.2	1.6	0.84	1	1	23	1.84	0.88	1	1				
67°F	700	26.8	1.22	0.6	0.72	0.84	25.8	1.4	0.6	0.73	0.87	24.4	1.6	0.61	0.76	0.9	23	1.84	0.63	0.78	0.93				
	775	27.6	1.21	0.61	0.74	0.87	26.4	1.39	0.61	0.76	0.89	25	1.6	0.63	0.78	0.93	23.4	1.83	0.65	0.81	0.96				
	875	28.2	1.2	0.62	0.77	0.91	27.2	1.38	0.64	0.79	0.94	25.8	1.59	0.65	0.81	0.97	24	1.83	0.67	0.85	1				
71°F	700	28.2	1.2	0.46	0.58	0.69	27.2	1.38	0.46	0.58	0.71	25.8	1.59	0.46	0.59	0.72	24.4	1.82	0.47	0.61	0.75				
	775	28.8	1.2	0.46	0.59	0.71	27.6	1.38	0.47	0.6	0.73	26.4	1.58	0.47	0.61	0.75	25	1.82	0.47	0.63	0.78				
	875	29.4	1.19	0.47	0.6	0.74	28.4	1.37	0.47	0.62	0.76	27	1.58	0.48	0.64	0.79	25.4	1.81	0.49	0.65	0.81				

XP16-036-230-05 - CX34-43B-6F + SL280UH090V36B - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F	75°F	80°F	85°F	
63°F	1055	36.4	2.16	0.76	0.9	1	34.6	2.42	0.78	0.93	1	32.6	2.71	0.8	0.96	1	30.4	3.05	0.83	0.99	1				
	1150	37.2	2.17	0.78	0.93	1	35.2	2.43	0.8	0.96	1	33.4	2.72	0.83	0.99	1	31.2	3.07	0.86	1	1				
	1390	38.5	2.19	0.83	0.99	1	36.6	2.44	0.85	1	1	34.8	2.74	0.88	1	1	33	3.09	0.92	1	1				
67°F	1055	38.5	2.19	0.61	0.74	0.86	36.4	2.44	0.61	0.75	0.89	34.6	2.74	0.63	0.78	0.92	32.2	3.08	0.64	0.81	0.96				
	1150	39	2.2	0.61	0.75	0.89	37.2	2.45	0.62	0.77	0.92	35.2	2.74	0.64	0.8	0.95	32.8	3.08	0.66	0.83	0.99				
	1390	40.5	2.21	0.65	0.8	0.96	38.5	2.47	0.66	0.83	0.99	36.4	2.76	0.68	0.86	1	33.8	3.1	0.7	0.9	1				
71°F	1055	40	2.21	0.46	0.59	0.71	38.5	2.46	0.46	0.6	0.73	36.4	2.76	0.47	0.61	0.75	34.2	3.1	0.48	0.63	0.78				
	1150	41	2.21	0.47	0.6	0.73	39	2.47	0.47	0.61	0.75	37	2.77	0.47	0.63	0.77	34.6	3.11	0.49	0.65	0.8				
	1390	42	2.23	0.48	0.63	0.78	40.5	2.49	0.49	0.65	0.8	38	2.78	0.5	0.67	0.83	35.6	3.12	0.5	0.69	0.87				

XP16-036-230-05 - CX34-43B-6F + SL280UH090V36B - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
702	28.5	2.12	26.9	2.05	25.2	1.98	23.6	1.91
776	28.8	2.03	27.2	1.96	25.5	1.89	23.9	1.82
875	29.3	1.95	27.7	1.88	26.1	1.81	24.4	1.74

XP16-036-230-05 - CX34-43B-6F + SL280UH090V36B - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1055	41	3.45	32.4	2.9	23.4	2.35	17	1.83	8.5	1.42
1149	41.3	3.35	32.8	2.8	23.8	2.25	17.3	1.74	8.8	1.32
1390	42.3	3.21	33.7	2.66	24.7	2.11	18.3	1.6	9.7	1.18

XP16-036-230-05 - CX34-43B-6F + SL280UH090V36B HEATING PERFORMANCE at 1149 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.35	41.3
60	3.22	39.4
55	3.08	37.4
50	2.94	35.4
47	2.86	34.2
45	2.8	32.8
40	2.66	29.2
35	2.52	25.7
30	2.39	24.7
25	2.25	23.8
20	2.12	22.8
17	2.03	22.3
15	1.98	21.5
10	1.84	19.5
5	1.74	17.3
0	1.64	15.2
-5	1.53	13.1
-10	1.43	10.9
-15	1.32	8.8
-20	1.22	6.7

XP16-036-230-05 - CX34-43B-6F + SL280UH090V48B - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	690	25.4	1.23	0.74	0.88	1	24.2	1.41	0.76	0.9	1	23	1.62	0.78	0.93	1	21.4	1.86	0.81	0.97	1
	815	26.4	1.22	0.78	0.92	1	25.2	1.4	0.8	0.95	1	23.8	1.61	0.82	0.98	1	22.4	1.85	0.85	1	1
	890	27	1.21	0.8	0.96	1	25.8	1.4	0.82	0.98	1	24.4	1.6	0.85	1	1	23	1.84	0.88	1	1
67°F	690	26.8	1.22	0.6	0.72	0.84	25.6	1.4	0.6	0.73	0.86	24.4	1.6	0.61	0.75	0.89	23	1.84	0.63	0.78	0.92
	815	27.8	1.21	0.61	0.75	0.88	26.6	1.39	0.61	0.77	0.91	25.2	1.59	0.64	0.79	0.94	23.6	1.83	0.66	0.82	0.98
	890	28.4	1.2	0.62	0.77	0.92	27.2	1.38	0.64	0.79	0.94	25.8	1.59	0.65	0.82	0.98	24.2	1.83	0.67	0.85	1
71°F	690	28	1.21	0.46	0.58	0.69	27	1.38	0.46	0.59	0.71	25.8	1.59	0.46	0.59	0.72	24.4	1.82	0.47	0.61	0.75
	815	29	1.2	0.47	0.59	0.72	28	1.38	0.48	0.61	0.74	26.6	1.58	0.47	0.62	0.76	25.2	1.81	0.48	0.64	0.79
	890	29.6	1.19	0.47	0.6	0.74	28.4	1.37	0.47	0.62	0.77	27	1.57	0.48	0.62	0.79	25.6	1.81	0.49	0.66	0.82

XP16-036-230-05 - CX34-43B-6F + SL280UH090V48B - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	1060	36.4	2.17	0.76	0.9	1	34.8	2.42	0.78	0.93	1	32.6	2.71	0.81	0.96	1	30.6	3.05	0.83	0.99	1
	1205	37.6	2.18	0.79	0.94	1	35.6	2.43	0.81	0.97	1	33.6	2.73	0.84	1	1	31.6	3.07	0.87	1	1
	1335	38.5	2.19	0.82	0.98	1	36.4	2.44	0.84	1	1	34.4	2.73	0.87	1	1	32.4	3.08	0.91	1	1
67°F	1060	38.5	2.19	0.61	0.74	0.87	36.6	2.44	0.61	0.75	0.89	34.6	2.74	0.63	0.78	0.92	32.4	3.08	0.65	0.81	0.96
	1205	39.5	2.2	0.62	0.77	0.9	37.6	2.45	0.63	0.79	0.94	35.4	2.75	0.65	0.81	0.97	33.2	3.09	0.67	0.84	1
	1335	40.5	2.21	0.64	0.79	0.94	38.5	2.46	0.65	0.82	0.97	36.2	2.76	0.67	0.84	1	33.8	3.1	0.69	0.88	1
71°F	1060	40	2.21	0.46	0.59	0.71	38.5	2.46	0.46	0.6	0.73	36.4	2.76	0.47	0.61	0.75	34.2	3.1	0.48	0.63	0.78
	1205	41	2.22	0.47	0.61	0.74	39	2.47	0.47	0.62	0.76	37.2	2.77	0.48	0.63	0.79	35	3.11	0.49	0.66	0.82
	1335	42	2.23	0.48	0.62	0.77	40	2.48	0.48	0.64	0.79	37.8	2.78	0.49	0.66	0.82	35.4	3.12	0.5	0.67	0.85

XP16-036-230-05 - CX34-43B-6F + SL280UH090V48B - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
690	28.5	2.13	26.8	2.07	25.2	2	23.5	1.93
813	29	1.99	27.4	1.93	25.7	1.86	24.1	1.8
890	29.4	1.93	27.8	1.87	26.1	1.8	24.5	1.74

XP16-036-230-05 - CX34-43B-6F + SL280UH090V48B - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1060	41.1	3.43	32.5	2.89	23.4	2.35	16.9	1.86	8.3	1.45
1204	41.7	3.3	33	2.76	23.9	2.22	17.4	1.73	8.8	1.31
1335	42.2	3.23	33.5	2.69	24.4	2.15	17.9	1.65	9.3	1.24

XP16-036-230-05 - CX34-43B-6F + SL280UH090V48B HEATING PERFORMANCE at 1204 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.3	41.7
60	3.16	39.7
55	3.03	37.7
50	2.9	35.6
47	2.82	34.4
45	2.76	33
40	2.62	29.4
35	2.48	25.8
30	2.35	24.9
25	2.22	23.9
20	2.09	22.9
17	2.02	22.4
15	1.96	21.6
10	1.83	19.5
5	1.73	17.4
0	1.62	15.3
-5	1.52	13.1
-10	1.42	11
-15	1.31	8.8
-20	1.21	6.7

XP16-036-230-05 - CX34-43B-6F + SLP98UH070V36B - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	740	25.8	1.22	0.76	0.9	1	24.6	1.41	0.77	0.92	1	23.2	1.61	0.8	0.95	1	21.8	1.85	0.82	0.99	1				
	845	26.6	1.22	0.79	0.94	1	25.4	1.4	0.81	0.96	1	24	1.61	0.83	0.99	1	22.6	1.85	0.86	1	1				
	970	27.4	1.21	0.82	0.98	1	26.2	1.39	0.84	1	1	25	1.6	0.88	1	1	23.6	1.83	0.91	1	1				
67°F	740	27.2	1.21	0.6	0.73	0.86	26	1.39	0.6	0.75	0.88	24.8	1.6	0.62	0.77	0.91	23.2	1.84	0.64	0.8	0.95				
	845	28	1.21	0.61	0.76	0.9	26.8	1.38	0.61	0.78	0.92	25.4	1.59	0.64	0.8	0.96	24	1.83	0.66	0.83	0.99				
	970	28.8	1.2	0.64	0.79	0.94	27.8	1.38	0.65	0.82	0.97	26.2	1.58	0.66	0.84	1	24.6	1.82	0.69	0.88	1				
71°F	740	28.4	1.2	0.46	0.58	0.7	27.4	1.38	0.46	0.59	0.72	26.2	1.59	0.46	0.6	0.74	24.8	1.82	0.47	0.62	0.77				
	845	29.2	1.19	0.47	0.6	0.73	28.2	1.37	0.47	0.61	0.75	26.8	1.58	0.48	0.63	0.77	25.4	1.81	0.48	0.65	0.8				
	970	30	1.19	0.48	0.62	0.76	29	1.36	0.48	0.64	0.79	27.6	1.57	0.49	0.66	0.82	25.8	1.8	0.49	0.67	0.85				

XP16-036-230-05 - CX34-43B-6F + SLP98UH070V36B - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1060	36.6	2.17	0.76	0.9	1	34.8	2.42	0.78	0.93	1	32.8	2.71	0.81	0.96	1	30.6	3.06	0.83	1	1				
	1220	37.6	2.18	0.8	0.95	1	35.8	2.43	0.82	0.98	1	33.8	2.73	0.85	1	1	31.8	3.07	0.88	1	1				
	1365	38.5	2.19	0.83	0.99	1	36.6	2.44	0.85	1	1	34.8	2.74	0.88	1	1	32.8	3.09	0.92	1	1				
67°F	1060	38.5	2.19	0.61	0.74	0.87	36.6	2.44	0.61	0.75	0.9	34.6	2.74	0.63	0.78	0.93	32.4	3.08	0.65	0.81	0.96				
	1220	39.5	2.2	0.62	0.77	0.91	37.8	2.46	0.64	0.79	0.94	35.6	2.75	0.66	0.82	0.98	33.2	3.09	0.68	0.85	1				
	1365	40.5	2.21	0.65	0.8	0.95	38.5	2.47	0.66	0.83	0.98	36.4	2.76	0.68	0.86	1	33.8	3.1	0.7	0.89	1				
71°F	1060	40	2.21	0.46	0.59	0.71	38.5	2.46	0.47	0.6	0.73	36.4	2.76	0.47	0.61	0.75	34.2	3.1	0.48	0.63	0.78				
	1220	41.5	2.22	0.47	0.61	0.75	39.5	2.47	0.47	0.63	0.77	37.4	2.77	0.48	0.64	0.79	35	3.12	0.5	0.66	0.83				
	1365	42	2.23	0.49	0.63	0.78	40	2.49	0.49	0.65	0.8	38	2.78	0.5	0.67	0.83	35.6	3.12	0.5	0.69	0.87				

XP16-036-230-05 - CX34-43B-6F + SLP98UH070V36B - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
740	28.7	2.07	27	2.01	25.3	1.94	23.6	1.88
843	29.2	1.97	27.5	1.9	25.8	1.84	24.1	1.77
970	29.7	1.87	28	1.81	26.3	1.74	24.6	1.68

XP16-036-230-05 - CX34-43B-6F + SLP98UH070V36B - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1060	41.2	3.43	32.5	2.9	23.4	2.36	16.9	1.87	8.2	1.45
1218	42	3.29	33.3	2.76	24.2	2.22	17.6	1.73	9	1.31
1365	42.6	3.21	33.9	2.68	24.8	2.14	18.3	1.65	9.6	1.24

XP16-036-230-05 - CX34-43B-6F + SLP98UH070V36B HEATING PERFORMANCE at 1218 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.29	42
60	3.16	39.9
55	3.03	37.9
50	2.89	35.9
47	2.81	34.7
45	2.76	33.3
40	2.62	29.7
35	2.48	26.1
30	2.35	25.1
25	2.22	24.2
20	2.09	23.2
17	2.02	22.6
15	1.96	21.8
10	1.83	19.8
5	1.73	17.6
0	1.62	15.5
-5	1.52	13.3
-10	1.42	11.1
-15	1.31	9
-20	1.21	6.8

XP16-036-230-05 - CX34-43C-6F + EL296UH110V48C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	760	26	1.22	0.77	0.91	1	24.8	1.4	0.78	0.93	1	23.4	1.61	0.81	0.96	1	21.8	1.85	0.83	1	1				
	875	26.8	1.22	0.79	0.95	1	25.6	1.4	0.82	0.98	1	24.2	1.61	0.84	1	1	22.8	1.84	0.87	1	1				
	1010	27.6	1.21	0.83	0.99	1	26.4	1.39	0.85	1	1	25.2	1.59	0.88	1	1	24	1.83	0.92	1	1				
67°F	760	27.4	1.21	0.6	0.73	0.87	26.2	1.39	0.6	0.75	0.89	24.8	1.6	0.63	0.78	0.92	23.4	1.84	0.64	0.8	0.96				
	875	28.2	1.2	0.62	0.77	0.91	27	1.38	0.63	0.79	0.94	25.6	1.59	0.65	0.81	0.97	24	1.83	0.67	0.84	1				
	1010	29	1.2	0.64	0.8	0.96	28	1.38	0.66	0.82	0.98	26.4	1.58	0.67	0.85	1	24.8	1.82	0.7	0.88	1				
71°F	760	28.6	1.2	0.46	0.59	0.71	27.6	1.38	0.46	0.59	0.73	26.4	1.58	0.46	0.61	0.75	24.8	1.82	0.47	0.63	0.77				
	875	29.4	1.19	0.47	0.6	0.74	28.4	1.37	0.47	0.62	0.76	27	1.58	0.48	0.63	0.78	25.4	1.81	0.49	0.65	0.81				
	1010	30.2	1.19	0.48	0.63	0.77	29.2	1.36	0.48	0.64	0.8	27.8	1.57	0.48	0.66	0.82	26.2	1.8	0.5	0.68	0.86				

XP16-036-230-05 - CX34-43C-6F + EL296UH110V48C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	1025	36.2	2.16	0.75	0.89	1	34.4	2.42	0.77	0.92	1	32.4	2.71	0.8	0.95	1	30.4	3.05	0.82	0.99	1				
	1205	37.6	2.18	0.79	0.94	1	35.6	2.43	0.81	0.97	1	33.6	2.73	0.84	1	1	31.6	3.07	0.87	1	1				
	1405	38.5	2.19	0.83	0.99	1	36.8	2.44	0.86	1	1	35	2.74	0.89	1	1	33	3.09	0.92	1	1				
67°F	1025	38	2.18	0.6	0.73	0.86	36.2	2.44	0.62	0.75	0.88	34.4	2.73	0.62	0.77	0.91	32.2	3.08	0.64	0.8	0.95				
	1205	39.5	2.2	0.62	0.77	0.9	37.6	2.45	0.63	0.79	0.94	35.4	2.75	0.65	0.81	0.97	33.2	3.09	0.67	0.84	1				
	1405	40.5	2.21	0.65	0.8	0.96	38.5	2.47	0.66	0.83	0.99	36.4	2.76	0.68	0.86	1	33.8	3.1	0.7	0.9	1				
71°F	1025	40	2.21	0.46	0.59	0.7	38	2.46	0.46	0.6	0.72	36.2	2.76	0.46	0.6	0.74	34	3.1	0.48	0.63	0.78				
	1205	41	2.22	0.47	0.61	0.74	39	2.47	0.47	0.62	0.76	37.2	2.77	0.48	0.63	0.79	35	3.11	0.49	0.66	0.82				
	1405	42.5	2.23	0.48	0.63	0.78	40.5	2.49	0.48	0.65	0.8	38	2.78	0.5	0.67	0.83	35.6	3.12	0.5	0.69	0.87				

XP16-036-230-05 - CX34-43C-6F + EL296UH110V48C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
760	28.9	2.05	27.1	1.99	25.4	1.92	23.7	1.86
875	29.3	1.94	27.6	1.88	25.9	1.81	24.2	1.75
1010	29.9	1.85	28.2	1.78	26.4	1.72	24.7	1.66

XP16-036-230-05 - CX34-43C-6F + EL296UH110V48C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1025	41	3.45	32.3	2.92	23.2	2.38	16.7	1.88	8.2	1.47
1205	41.7	3.3	33	2.76	23.9	2.22	17.4	1.73	8.8	1.31
1405	42.3	3.19	33.7	2.65	24.6	2.11	18	1.62	9.5	1.2

XP16-036-230-05 - CX34-43C-6F + EL296UH110V48C HEATING PERFORMANCE at 1205 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.3	41.7
60	3.16	39.6
55	3.03	37.6
50	2.9	35.6
47	2.82	34.4
45	2.76	33
40	2.62	29.4
35	2.48	25.8
30	2.35	24.9
25	2.22	23.9
20	2.09	22.9
17	2.02	22.3
15	1.96	21.5
10	1.83	19.5
5	1.73	17.4
0	1.62	15.2
-5	1.52	13.1
-10	1.42	11
-15	1.31	8.8
-20	1.21	6.7

XP16-036-230-05 - CX34-43C-6F + SL280UH090V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	890	27	1.22	0.8	0.95	1	25.8	1.4	0.82	0.98	1	24.4	1.6	0.85	1	1	23	1.84	0.88	1	1
	890	27	1.22	0.8	0.95	1	25.6	1.4	0.82	0.98	1	24.4	1.6	0.85	1	1	23	1.84	0.88	1	1
	1005	27.6	1.21	0.83	0.99	1	26.4	1.39	0.85	1	1	25.2	1.59	0.88	1	1	23.8	1.83	0.92	1	1
67°F	890	28.4	1.2	0.62	0.77	0.91	27.2	1.38	0.64	0.79	0.94	25.8	1.59	0.65	0.82	0.98	24.2	1.83	0.67	0.85	1
	890	28.4	1.2	0.62	0.77	0.91	27.2	1.38	0.64	0.79	0.94	25.8	1.59	0.65	0.82	0.97	24.2	1.83	0.67	0.85	1
	1005	29	1.2	0.64	0.8	0.95	27.8	1.38	0.66	0.82	0.98	26.4	1.58	0.67	0.85	1	24.6	1.82	0.7	0.89	1
71°F	890	29.6	1.19	0.47	0.6	0.74	28.4	1.37	0.47	0.62	0.76	27	1.57	0.48	0.62	0.79	25.6	1.81	0.49	0.66	0.82
	890	29.6	1.19	0.47	0.6	0.74	28.4	1.37	0.47	0.62	0.76	27	1.57	0.48	0.62	0.79	25.6	1.81	0.49	0.66	0.82
	1005	30.2	1.19	0.48	0.63	0.77	29.2	1.36	0.48	0.64	0.79	27.8	1.57	0.48	0.66	0.82	26.2	1.8	0.5	0.68	0.86

XP16-036-230-05 - CX34-43C-6F + SL280UH090V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	1295	38	2.18	0.81	0.97	1	36.2	2.44	0.83	0.99	1	34.2	2.73	0.86	1	1	32.2	3.08	0.89	1	1
	1295	38	2.18	0.81	0.97	1	36.2	2.44	0.83	0.99	1	34.2	2.73	0.86	1	1	32.2	3.08	0.89	1	1
	1440	39	2.19	0.83	1	1	37	2.45	0.86	1	1	35	2.74	0.89	1	1	33.2	3.09	0.93	1	1
67°F	1295	40	2.21	0.63	0.78	0.93	38	2.46	0.65	0.81	0.96	36	2.75	0.66	0.83	0.99	33.4	3.1	0.68	0.87	1
	1295	40	2.21	0.63	0.78	0.93	38	2.46	0.65	0.81	0.96	36	2.75	0.66	0.83	0.99	33.4	3.1	0.68	0.87	1
	1440	41	2.21	0.65	0.81	0.97	39	2.47	0.67	0.84	0.99	36.6	2.76	0.68	0.87	1	34	3.1	0.71	0.9	1
71°F	1295	41.5	2.22	0.48	0.62	0.76	40	2.48	0.48	0.63	0.78	37.6	2.77	0.49	0.65	0.81	35.2	3.12	0.5	0.67	0.84
	1295	41.5	2.22	0.48	0.62	0.76	40	2.48	0.48	0.63	0.78	37.6	2.77	0.49	0.65	0.81	35.2	3.12	0.5	0.67	0.84
	1440	42.5	2.23	0.48	0.64	0.78	40.5	2.49	0.49	0.65	0.81	38.5	2.78	0.5	0.67	0.84	35.8	3.12	0.5	0.69	0.88

XP16-036-230-05 - CX34-43C-6F + SL280UH090V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
888	29.4	1.93	27.7	1.87	26	1.81	24.3	1.75
888	29.4	1.93	27.6	1.87	25.9	1.81	24.2	1.74
1005	29.8	1.85	28.1	1.79	26.4	1.72	24.7	1.66

XP16-036-230-05 - CX34-43C-6F + SL280UH090V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1295	41.9	3.23	33.2	2.71	24.1	2.19	17.5	1.71	8.9	1.3
1295	41.9	3.23	33.2	2.71	24.1	2.19	17.5	1.71	8.9	1.3
1440	42.3	3.15	33.6	2.63	24.5	2.11	17.9	1.63	9.3	1.22

XP16-036-230-05 - CX34-43C-6F + SL280UH090V60C HEATING PERFORMANCE at 1295 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.23	41.9
60	3.1	39.9
55	2.97	37.9
50	2.84	35.9
47	2.77	34.7
45	2.71	33.2
40	2.57	29.6
35	2.43	26
30	2.31	25.1
25	2.19	24.1
20	2.07	23.1
17	1.99	22.5
15	1.94	21.7
10	1.81	19.7
5	1.71	17.5
0	1.61	15.4
-5	1.5	13.2
-10	1.4	11.1
-15	1.3	8.9
-20	1.2	6.8

XP16-036-230-05 - CX34-43C-6F + SL280UH110V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	875	26.8	1.22	0.8	0.95	1	25.6	1.4	0.82	0.98	1	24.2	1.6	0.84	1	1	23	1.84	0.88	1	1
	875	26.8	1.22	0.79	0.95	1	25.6	1.4	0.82	0.98	1	24.2	1.61	0.84	1	1	23	1.84	0.88	1	1
	975	27.4	1.21	0.82	0.98	1	26.2	1.39	0.84	1	1	25	1.6	0.88	1	1	23.6	1.83	0.91	1	1
67°F	875	28.4	1.2	0.62	0.77	0.91	27.2	1.38	0.64	0.79	0.94	25.6	1.59	0.65	0.81	0.97	24	1.83	0.67	0.85	1
	875	28.2	1.2	0.62	0.77	0.91	27	1.38	0.64	0.79	0.94	25.8	1.59	0.65	0.81	0.97	24	1.83	0.67	0.85	1
	975	28.8	1.2	0.64	0.79	0.94	27.8	1.38	0.65	0.82	0.98	26.2	1.58	0.66	0.84	1	24.6	1.82	0.69	0.88	1
71°F	875	29.4	1.19	0.47	0.6	0.74	28.4	1.37	0.47	0.62	0.76	27	1.57	0.48	0.64	0.79	25.6	1.81	0.49	0.66	0.82
	875	29.4	1.19	0.47	0.6	0.74	28.4	1.37	0.47	0.62	0.76	27	1.58	0.48	0.63	0.79	25.4	1.81	0.49	0.65	0.81
	975	30	1.19	0.48	0.62	0.76	29	1.36	0.48	0.64	0.79	27.6	1.57	0.49	0.65	0.82	26	1.8	0.49	0.67	0.85

XP16-036-230-05 - CX34-43C-6F + SL280UH110V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	1260	37.8	2.18	0.8	0.96	1	36	2.44	0.83	0.99	1	34	2.73	0.85	1	1	32	3.07	0.89	1	1
	1260	37.8	2.18	0.8	0.96	1	36	2.44	0.83	0.99	1	34	2.73	0.85	1	1	32	3.07	0.89	1	1
	1395	38.5	2.19	0.83	0.99	1	36.6	2.44	0.85	1	1	34.8	2.74	0.88	1	1	33	3.09	0.92	1	1
67°F	1260	40	2.2	0.63	0.78	0.92	37.8	2.46	0.64	0.8	0.95	35.8	2.75	0.66	0.83	0.99	33.4	3.1	0.68	0.86	1
	1260	40	2.2	0.63	0.78	0.92	37.8	2.46	0.64	0.8	0.95	35.8	2.75	0.66	0.83	0.99	33.4	3.1	0.68	0.86	1
	1395	40.5	2.21	0.64	0.8	0.96	38.5	2.47	0.66	0.83	0.99	36.4	2.76	0.68	0.86	1	33.8	3.1	0.7	0.89	1
71°F	1260	41.5	2.22	0.48	0.61	0.75	39.5	2.48	0.48	0.63	0.77	37.6	2.77	0.49	0.65	0.8	35.2	3.12	0.5	0.67	0.83
	1260	41.5	2.22	0.48	0.61	0.75	39.5	2.48	0.48	0.63	0.77	37.6	2.77	0.49	0.65	0.8	35.2	3.12	0.5	0.67	0.83
	1395	42	2.23	0.48	0.63	0.78	40.5	2.49	0.48	0.65	0.8	38	2.78	0.5	0.67	0.83	35.8	3.12	0.5	0.69	0.87

XP16-036-230-05 - CX34-43C-6F + SL280UH110V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
876	29.4	1.94	27.7	1.88	26	1.82	24.3	1.75
876	29.3	1.94	27.6	1.88	25.9	1.81	24.2	1.75
975	29.7	1.87	28	1.8	26.3	1.74	24.6	1.68

XP16-036-230-05 - CX34-43C-6F + SL280UH110V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1260	41.9	3.25	33.2	2.72	24.1	2.2	17.5	1.72	8.9	1.31
1260	41.9	3.25	33.2	2.72	24.1	2.2	17.5	1.72	8.9	1.31
1395	42.3	3.18	33.6	2.66	24.4	2.13	17.9	1.65	9.3	1.24

XP16-036-230-05 - CX34-43C-6F + SL280UH110V60C HEATING PERFORMANCE at 1260 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.25	41.9
60	3.12	39.9
55	2.99	37.9
50	2.86	35.8
47	2.78	34.6
45	2.72	33.2
40	2.59	29.6
35	2.45	26
30	2.33	25.1
25	2.2	24.1
20	2.08	23.1
17	2	22.5
15	1.95	21.7
10	1.82	19.7
5	1.72	17.5
0	1.61	15.4
-5	1.51	13.2
-10	1.41	11.1
-15	1.31	8.9
-20	1.2	6.8

XP16-036-230-05 - CX34-43C-6F + SLP98UH090V36C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	710	25.6	1.23	0.75	0.89	1	24.4	1.41	0.76	0.91	1	23	1.62	0.79	0.94	1	21.6	1.86	0.81	0.98	1				
	830	26.6	1.22	0.78	0.93	1	25.4	1.4	0.8	0.96	1	24	1.61	0.83	0.99	1	22.6	1.85	0.86	1	1				
	950	27.4	1.21	0.81	0.98	1	26.2	1.39	0.84	1	1	24.8	1.6	0.87	1	1	23.6	1.84	0.9	1	1				
67°F	710	27	1.21	0.6	0.72	0.84	25.8	1.39	0.6	0.74	0.87	24.6	1.6	0.62	0.76	0.9	23	1.84	0.63	0.79	0.93				
	830	28	1.21	0.61	0.76	0.89	26.8	1.39	0.61	0.78	0.92	25.4	1.59	0.64	0.8	0.95	23.8	1.83	0.66	0.83	0.99				
	950	28.8	1.2	0.63	0.79	0.94	27.6	1.38	0.65	0.81	0.97	26.2	1.59	0.65	0.84	1	24.4	1.82	0.68	0.87	1				
71°F	710	28.2	1.2	0.46	0.58	0.7	27.2	1.38	0.46	0.59	0.71	26	1.59	0.46	0.59	0.73	24.6	1.82	0.47	0.62	0.76				
	830	29.2	1.2	0.47	0.6	0.73	28	1.37	0.47	0.61	0.75	26.8	1.58	0.47	0.63	0.77	25.2	1.81	0.48	0.64	0.8				
	950	29.8	1.19	0.48	0.61	0.76	28.8	1.36	0.48	0.63	0.78	27.4	1.57	0.49	0.65	0.81	25.8	1.81	0.49	0.66	0.84				

XP16-036-230-05 - CX34-43C-6F + SLP98UH090V36C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1040	36.4	2.16	0.76	0.9	1	34.6	2.42	0.77	0.93	1	32.6	2.71	0.8	0.96	1	30.4	3.05	0.83	0.99	1				
	1210	37.6	2.18	0.79	0.94	1	35.8	2.43	0.81	0.97	1	33.6	2.73	0.84	1	1	31.6	3.07	0.87	1	1				
	1360	38.5	2.19	0.82	0.98	1	36.6	2.44	0.85	1	1	34.8	2.74	0.88	1	1	32.8	3.08	0.91	1	1				
67°F	1040	38.5	2.19	0.6	0.73	0.86	36.4	2.44	0.62	0.75	0.89	34.4	2.74	0.62	0.77	0.92	32.2	3.08	0.64	0.8	0.95				
	1210	39.5	2.2	0.62	0.77	0.91	37.6	2.45	0.64	0.79	0.94	35.6	2.75	0.65	0.81	0.97	33.2	3.09	0.67	0.85	1				
	1360	40.5	2.21	0.64	0.8	0.95	38.5	2.46	0.66	0.82	0.98	36.2	2.76	0.67	0.85	1	33.8	3.1	0.7	0.89	1				
71°F	1040	40	2.21	0.46	0.59	0.71	38.5	2.46	0.46	0.6	0.73	36.4	2.76	0.47	0.61	0.75	34.2	3.1	0.48	0.63	0.78				
	1210	41	2.22	0.47	0.61	0.74	39.5	2.47	0.47	0.62	0.76	37.2	2.77	0.48	0.64	0.79	35	3.11	0.49	0.66	0.82				
	1360	42	2.23	0.48	0.63	0.77	40	2.48	0.48	0.64	0.8	38	2.78	0.5	0.66	0.83	35.6	3.12	0.51	0.68	0.86				

XP16-036-230-05 - CX34-43C-6F + SLP98UH090V36C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
710	28.6	2.11	26.9	2.04	25.3	1.98	23.6	1.91
832	29.1	1.98	27.5	1.91	25.8	1.85	24.2	1.78
950	29.6	1.89	28	1.82	26.3	1.76	24.7	1.69

XP16-036-230-05 - CX34-43C-6F + SLP98UH090V36C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1040	41.1	3.44	32.4	2.9	23.3	2.37	16.8	1.87	8.2	1.46
1212	41.7	3.29	33.1	2.76	24	2.22	17.4	1.73	8.9	1.31
1360	42.3	3.21	33.6	2.68	24.5	2.14	18	1.64	9.4	1.23

XP16-036-230-05 - CX34-43C-6F + SLP98UH090V36C HEATING PERFORMANCE at 1212 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.29	41.7
60	3.16	39.7
55	3.03	37.7
50	2.89	35.7
47	2.81	34.5
45	2.76	33.1
40	2.62	29.5
35	2.48	25.9
30	2.35	24.9
25	2.22	24
20	2.09	23
17	2.01	22.4
15	1.96	21.6
10	1.83	19.6
5	1.73	17.4
0	1.62	15.3
-5	1.52	13.2
-10	1.42	11
-15	1.31	8.9
-20	1.21	6.7

XP16-036-230-05 - CX34-43C-6F + SLP98UH090V48C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	690	25.4	1.23	0.74	0.88	1	24.2	1.41	0.76	0.9	1	23	1.62	0.78	0.93	1	21.4	1.86	0.81	0.97	1
	815	26.4	1.22	0.78	0.92	1	25.2	1.4	0.8	0.95	1	23.8	1.61	0.82	0.98	1	22.4	1.85	0.85	1	1
	890	27	1.21	0.8	0.96	1	25.8	1.4	0.82	0.98	1	24.4	1.6	0.85	1	1	23	1.84	0.88	1	1
67°F	690	26.8	1.22	0.6	0.72	0.84	25.6	1.4	0.6	0.73	0.86	24.4	1.6	0.61	0.75	0.89	23	1.84	0.63	0.78	0.92
	815	27.8	1.21	0.61	0.75	0.88	26.6	1.39	0.61	0.77	0.91	25.2	1.59	0.64	0.79	0.94	23.6	1.83	0.66	0.82	0.98
	890	28.4	1.2	0.62	0.77	0.92	27.2	1.38	0.64	0.79	0.94	25.8	1.59	0.65	0.82	0.98	24.2	1.83	0.67	0.85	1
71°F	690	28	1.21	0.46	0.58	0.69	27	1.38	0.46	0.59	0.71	25.8	1.59	0.46	0.59	0.72	24.4	1.82	0.47	0.61	0.75
	815	29	1.2	0.47	0.59	0.72	28	1.38	0.48	0.61	0.74	26.6	1.58	0.47	0.62	0.76	25.2	1.81	0.48	0.64	0.79
	890	29.6	1.19	0.47	0.6	0.74	28.4	1.37	0.47	0.62	0.77	27	1.57	0.48	0.62	0.79	25.6	1.81	0.49	0.66	0.82

XP16-036-230-05 - CX34-43C-6F + SLP98UH090V48C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	1060	36.4	2.17	0.76	0.9	1	34.8	2.42	0.78	0.93	1	32.6	2.71	0.81	0.96	1	30.6	3.05	0.83	0.99	1
	1205	37.6	2.18	0.79	0.94	1	35.6	2.43	0.81	0.97	1	33.6	2.73	0.84	1	1	31.6	3.07	0.87	1	1
	1335	38.5	2.19	0.82	0.98	1	36.4	2.44	0.84	1	1	34.4	2.73	0.87	1	1	32.4	3.08	0.91	1	1
67°F	1060	38.5	2.19	0.61	0.74	0.87	36.6	2.44	0.61	0.75	0.89	34.6	2.74	0.63	0.78	0.92	32.4	3.08	0.65	0.81	0.96
	1205	39.5	2.2	0.62	0.77	0.9	37.6	2.45	0.63	0.79	0.94	35.4	2.75	0.65	0.81	0.97	33.2	3.09	0.67	0.84	1
	1335	40.5	2.21	0.64	0.79	0.94	38.5	2.46	0.65	0.82	0.97	36.2	2.76	0.67	0.84	1	33.8	3.1	0.69	0.88	1
71°F	1060	40	2.21	0.46	0.59	0.71	38.5	2.46	0.46	0.6	0.73	36.4	2.76	0.47	0.61	0.75	34.2	3.1	0.48	0.63	0.78
	1205	41	2.22	0.47	0.61	0.74	39	2.47	0.47	0.62	0.76	37.2	2.77	0.48	0.63	0.79	35	3.11	0.49	0.66	0.82
	1335	42	2.23	0.48	0.62	0.77	40	2.48	0.48	0.64	0.79	37.8	2.78	0.49	0.66	0.82	35.4	3.12	0.5	0.67	0.85

XP16-036-230-05 - CX34-43C-6F + SLP98UH090V48C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
690	28.5	2.13	26.8	2.07	25.2	2	23.5	1.93
813	29	1.99	27.4	1.93	25.7	1.86	24.1	1.8
890	29.4	1.93	27.8	1.87	26.1	1.8	24.5	1.74

XP16-036-230-05 - CX34-43C-6F + SLP98UH090V48C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1060	41.1	3.43	32.5	2.89	23.4	2.35	16.9	1.86	8.3	1.45
1204	41.7	3.3	33	2.76	23.9	2.22	17.4	1.73	8.8	1.31
1335	42.2	3.23	33.5	2.69	24.4	2.15	17.9	1.65	9.3	1.24

XP16-036-230-05 - CX34-43C-6F + SLP98UH090V48C HEATING PERFORMANCE at 1204 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.3	41.7
60	3.16	39.7
55	3.03	37.7
50	2.9	35.6
47	2.82	34.4
45	2.76	33
40	2.62	29.4
35	2.48	25.8
30	2.35	24.9
25	2.22	23.9
20	2.09	22.9
17	2.02	22.4
15	1.96	21.6
10	1.83	19.5
5	1.73	17.4
0	1.62	15.3
-5	1.52	13.1
-10	1.42	11
-15	1.31	8.8
-20	1.21	6.7

XP16-036-230-05 - CX34-43C-6F + SLP98UH090V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	870	26.8	1.22	0.79	0.95	1	25.6	1.4	0.81	0.97	1	24.2	1.61	0.84	1	1	22.8	1.84	0.87	1	1
	870	26.8	1.22	0.79	0.95	1	25.6	1.4	0.81	0.97	1	24.2	1.61	0.84	1	1	22.8	1.84	0.87	1	1
	975	27.4	1.21	0.82	0.98	1	26.2	1.39	0.84	1	1	25	1.6	0.88	1	1	23.6	1.83	0.91	1	1
67°F	870	28.2	1.2	0.62	0.77	0.91	27	1.38	0.63	0.79	0.94	25.6	1.59	0.65	0.81	0.97	24	1.83	0.67	0.84	1
	870	28.2	1.2	0.62	0.76	0.91	27	1.38	0.63	0.79	0.93	25.6	1.59	0.65	0.81	0.97	24	1.83	0.67	0.84	1
	975	28.8	1.2	0.64	0.79	0.94	27.8	1.38	0.65	0.82	0.98	26.2	1.58	0.66	0.84	1	24.6	1.82	0.69	0.88	1
71°F	870	29.4	1.19	0.47	0.6	0.74	28.4	1.37	0.47	0.62	0.76	27	1.57	0.48	0.63	0.78	25.4	1.81	0.49	0.65	0.81
	870	29.4	1.19	0.46	0.6	0.74	28.2	1.37	0.47	0.61	0.76	27	1.58	0.48	0.63	0.78	25.4	1.81	0.49	0.65	0.81
	975	30	1.19	0.48	0.62	0.76	29	1.36	0.48	0.64	0.79	27.6	1.57	0.49	0.65	0.82	26	1.8	0.49	0.67	0.85

XP16-036-230-05 - CX34-43C-6F + SLP98UH090V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	1320	38	2.19	0.81	0.97	1	36.4	2.44	0.84	1	1	34.4	2.74	0.87	1	1	32.4	3.08	0.9	1	1
	1320	38	2.19	0.81	0.97	1	36.4	2.44	0.84	1	1	34.4	2.74	0.87	1	1	32.4	3.08	0.9	1	1
	1460	39	2.19	0.84	1	1	37.2	2.45	0.87	1	1	35.2	2.75	0.9	1	1	33.4	3.09	0.94	1	1
67°F	1320	40	2.21	0.64	0.79	0.94	38	2.46	0.65	0.81	0.97	36	2.76	0.67	0.84	1	33.6	3.1	0.69	0.88	1
	1320	40	2.21	0.64	0.79	0.94	38	2.46	0.65	0.81	0.97	36	2.76	0.67	0.84	1	33.6	3.1	0.69	0.88	1
	1460	41	2.22	0.65	0.81	0.97	39	2.47	0.67	0.84	1	36.6	2.76	0.69	0.87	1	34	3.1	0.71	0.91	1
71°F	1320	42	2.23	0.48	0.62	0.76	40	2.48	0.48	0.64	0.79	37.8	2.78	0.49	0.66	0.81	35.2	3.12	0.5	0.67	0.85
	1320	42	2.23	0.48	0.62	0.76	40	2.48	0.48	0.64	0.79	37.8	2.78	0.49	0.66	0.81	35.2	3.12	0.5	0.67	0.85
	1460	42.5	2.23	0.49	0.64	0.79	40.5	2.49	0.49	0.66	0.82	38.5	2.78	0.5	0.68	0.85	36	3.13	0.51	0.7	0.88

XP16-036-230-05 - CX34-43C-6F + SLP98UH090V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
868	29.3	1.95	27.6	1.88	25.9	1.82	24.2	1.76
868	29.3	1.94	27.6	1.88	25.9	1.82	24.1	1.76
975	29.7	1.87	28	1.8	26.3	1.74	24.6	1.68

XP16-036-230-05 - CX34-43C-6F + SLP98UH090V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1320	42.1	3.21	33.4	2.7	24.2	2.18	17.7	1.71	9	1.3
1320	42.1	3.21	33.4	2.7	24.2	2.18	17.7	1.71	9	1.3
1460	42.6	3.14	33.8	2.63	24.7	2.11	18.1	1.63	9.4	1.22

XP16-036-230-05 - CX34-43C-6F + SLP98UH090V60C HEATING PERFORMANCE at 1320 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.21	42.1
60	3.08	40.1
55	2.96	38.1
50	2.83	36.1
47	2.75	34.8
45	2.7	33.4
40	2.56	29.8
35	2.43	26.2
30	2.3	25.2
25	2.18	24.2
20	2.06	23.3
17	1.99	22.7
15	1.94	21.9
10	1.81	19.9
5	1.71	17.7
0	1.6	15.5
-5	1.5	13.3
-10	1.4	11.2
-15	1.3	9
-20	1.19	6.8

XP16-036-230-05 - CX34-43C-6F + SLP98UH110V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	890	27	1.22	0.8	0.95	1	25.8	1.4	0.82	0.98	1	24.4	1.6	0.85	1	1	23	1.84	0.88	1	1				
	890	27	1.22	0.8	0.95	1	25.6	1.4	0.82	0.98	1	24.4	1.6	0.85	1	1	23	1.84	0.88	1	1				
	970	27.4	1.21	0.82	0.98	1	26.2	1.39	0.84	1	1	25	1.6	0.87	1	1	23.6	1.83	0.91	1	1				
67°F	890	28.4	1.2	0.62	0.77	0.91	27.2	1.38	0.64	0.79	0.94	25.8	1.59	0.65	0.82	0.98	24.2	1.83	0.67	0.85	1				
	890	28.4	1.2	0.62	0.77	0.91	27.2	1.38	0.64	0.79	0.94	25.8	1.59	0.65	0.82	0.97	24.2	1.83	0.67	0.85	1				
	970	28.8	1.2	0.64	0.79	0.94	27.6	1.38	0.65	0.81	0.97	26.2	1.58	0.66	0.84	1	24.6	1.82	0.69	0.88	1				
71°F	890	29.6	1.19	0.47	0.6	0.74	28.4	1.37	0.47	0.62	0.76	27	1.57	0.48	0.62	0.79	25.6	1.81	0.49	0.66	0.82				
	890	29.6	1.19	0.47	0.6	0.74	28.4	1.37	0.47	0.62	0.76	27	1.57	0.48	0.62	0.79	25.6	1.81	0.49	0.66	0.82				
	970	30	1.19	0.48	0.62	0.76	29	1.36	0.48	0.64	0.79	27.6	1.57	0.49	0.65	0.82	25.8	1.8	0.49	0.67	0.85				

XP16-036-230-05 - CX34-43C-6F + SLP98UH110V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1270	38	2.18	0.8	0.96	1	36	2.44	0.83	0.99	1	34	2.73	0.85	1	1	32	3.08	0.89	1	1				
	1270	38	2.18	0.8	0.96	1	36	2.44	0.83	0.99	1	34	2.73	0.85	1	1	32	3.08	0.89	1	1				
	1405	38.5	2.19	0.83	0.99	1	36.8	2.44	0.86	1	1	35	2.74	0.89	1	1	33	3.09	0.92	1	1				
67°F	1270	40	2.21	0.63	0.78	0.92	38	2.46	0.64	0.8	0.95	35.8	2.75	0.66	0.83	0.99	33.4	3.1	0.68	0.86	1				
	1270	40	2.21	0.63	0.78	0.93	38	2.46	0.64	0.8	0.95	35.8	2.75	0.66	0.83	0.99	33.4	3.1	0.68	0.86	1				
	1405	40.5	2.21	0.65	0.8	0.96	38.5	2.47	0.66	0.83	0.99	36.4	2.76	0.68	0.86	1	33.8	3.1	0.7	0.9	1				
71°F	1270	41.5	2.22	0.48	0.61	0.75	39.5	2.48	0.48	0.63	0.78	37.6	2.77	0.49	0.65	0.8	35.2	3.12	0.5	0.67	0.84				
	1270	41.5	2.22	0.48	0.61	0.75	39.5	2.48	0.48	0.63	0.78	37.6	2.77	0.49	0.65	0.8	35.2	3.12	0.5	0.67	0.84				
	1405	42.5	2.23	0.48	0.63	0.78	40.5	2.49	0.48	0.65	0.8	38	2.78	0.5	0.67	0.83	35.6	3.12	0.5	0.69	0.87				

XP16-036-230-05 - CX34-43C-6F + SLP98UH110V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
888	29.4	1.93	27.7	1.87	26	1.81	24.3	1.75
888	29.4	1.93	27.7	1.87	25.9	1.81	24.2	1.74
970	29.7	1.87	28	1.81	26.3	1.75	24.6	1.68

XP16-036-230-05 - CX34-43C-6F + SLP98UH110V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1270	41.9	3.23	33.2	2.72	24	2.2	17.5	1.72	8.9	1.3
1272	41.9	3.23	33.2	2.72	24	2.2	17.5	1.71	8.9	1.3
1405	42.3	3.17	33.6	2.65	24.5	2.13	18	1.65	9.4	1.24

XP16-036-230-05 - CX34-43C-6F + SLP98UH110V60C HEATING PERFORMANCE at 1272 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.23	41.9
60	3.1	39.9
55	2.98	37.8
50	2.85	35.8
47	2.77	34.6
45	2.72	33.2
40	2.58	29.6
35	2.45	26
30	2.32	25
25	2.2	24
20	2.07	23.1
17	2	22.5
15	1.95	21.7
10	1.82	19.7
5	1.71	17.5
0	1.61	15.4
-5	1.51	13.2
-10	1.41	11
-15	1.3	8.9
-20	1.2	6.7

XP16-036-230-05 - CX34-50/60C-6F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	790	26.2	1.22	0.78	0.92	1	25	1.4	0.8	0.95	1	23.6	1.61	0.82	0.98	1	22.2	1.85	0.85	1	1				
	900	27	1.21	0.81	0.96	1	25.8	1.4	0.83	0.99	1	24.4	1.6	0.86	1	1	23.2	1.84	0.89	1	1				
	1015	27.6	1.21	0.84	0.99	1	26.4	1.39	0.86	1	1	25.2	1.59	0.89	1	1	24	1.83	0.93	1	1				
67°F	790	27.6	1.21	0.61	0.75	0.88	26.4	1.39	0.61	0.77	0.91	25.2	1.6	0.64	0.79	0.94	23.6	1.83	0.66	0.82	0.97				
	900	28.6	1.2	0.63	0.78	0.92	27.2	1.38	0.65	0.8	0.95	25.8	1.59	0.67	0.83	0.98	24.2	1.83	0.68	0.86	1				
	1015	29.2	1.2	0.65	0.81	0.96	28	1.37	0.67	0.83	0.99	26.4	1.58	0.69	0.86	1	24.6	1.82	0.71	0.9	1				
71°F	790	29	1.2	0.47	0.6	0.72	27.8	1.38	0.48	0.61	0.74	26.6	1.58	0.48	0.63	0.76	25	1.81	0.49	0.64	0.79				
	900	29.8	1.19	0.48	0.62	0.75	28.6	1.37	0.48	0.63	0.77	27.2	1.57	0.49	0.63	0.8	25.6	1.81	0.5	0.66	0.83				
	1015	30.6	1.18	0.49	0.64	0.78	29.4	1.36	0.49	0.65	0.8	27.8	1.57	0.49	0.67	0.83	26.2	1.8	0.51	0.69	0.87				

XP16-036-230-05 - CX34-50/60C-6F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1050	36.4	2.16	0.77	0.9	1	34.6	2.42	0.79	0.93	1	32.6	2.71	0.81	0.96	1	30.4	3.06	0.84	0.99	1				
	1200	37.4	2.18	0.8	0.94	1	35.6	2.43	0.81	0.97	1	33.6	2.73	0.84	1	1	31.4	3.07	0.87	1	1				
	1350	38.5	2.19	0.82	0.98	1	36.4	2.44	0.85	1	1	34.4	2.74	0.88	1	1	32.4	3.08	0.91	1	1				
67°F	1050	38.5	2.19	0.61	0.74	0.87	36.4	2.44	0.63	0.76	0.89	34.4	2.74	0.63	0.78	0.93	32.4	3.08	0.65	0.81	0.96				
	1200	39.5	2.2	0.63	0.77	0.91	37.4	2.45	0.64	0.79	0.93	35.4	2.75	0.66	0.82	0.97	33	3.09	0.68	0.85	1				
	1350	40.5	2.21	0.64	0.8	0.94	38.5	2.46	0.66	0.82	0.97	36.2	2.76	0.68	0.85	1	33.6	3.1	0.7	0.89	1				
71°F	1050	40	2.21	0.47	0.6	0.71	38.5	2.46	0.47	0.61	0.73	36.4	2.76	0.48	0.62	0.76	34.2	3.1	0.49	0.64	0.78				
	1200	41	2.22	0.49	0.61	0.74	39	2.47	0.48	0.63	0.76	37.2	2.77	0.49	0.64	0.79	35	3.11	0.5	0.66	0.82				
	1350	42	2.23	0.48	0.63	0.77	40	2.48	0.49	0.65	0.79	37.8	2.78	0.5	0.66	0.82	35.6	3.12	0.51	0.68	0.86				

XP16-036-230-05 - CX34-50/60C-6F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
788	29.4	2.05	27.8	1.99	26.1	1.93	24.4	1.86
900	30	1.95	28.3	1.89	26.6	1.83	25	1.76
1013	30.4	1.87	28.7	1.81	27.1	1.75	25.4	1.68

XP16-036-230-05 - CX34-50/60C-6F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1050	41.6	3.5	33	2.94	24	2.38	17.5	1.87	8.6	1.46
1200	42.1	3.36	33.6	2.81	24.6	2.25	18.1	1.74	9.2	1.33
1350	42.7	3.26	34.1	2.71	25.1	2.15	18.6	1.64	9.7	1.23

XP16-036-230-05 - CX34-50/60C-6F HEATING PERFORMANCE at 1200 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.36	42.1
60	3.22	40.1
55	3.09	38.2
50	2.95	36.2
47	2.86	35
45	2.81	33.6
40	2.66	30
35	2.52	26.4
30	2.38	25.5
25	2.25	24.6
20	2.12	23.6
17	2.04	23.1
15	1.98	22.3
10	1.84	20.3
5	1.74	18.1
0	1.64	15.9
-5	1.53	13.6
-10	1.43	11.4
-15	1.33	9.2
-20	1.22	6.9

XP16-036-230-05 - CX34-50/60C-6F + EL296UH110V48C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F
63°F	760	25.8	1.22	0.76	0.9	1	24.6	1.41	0.78	0.93	1	23.4	1.61	0.8	0.96	1	21.8	1.85	0.83	0.99	1
	875	26.6	1.22	0.79	0.94	1	25.4	1.4	0.81	0.97	1	24	1.61	0.84	1	1	22.8	1.84	0.87	1	1
	1010	27.4	1.21	0.82	0.99	1	26.2	1.39	0.85	1	1	25	1.6	0.88	1	1	23.8	1.83	0.92	1	1
67°F	760	27.2	1.21	0.6	0.73	0.86	26.2	1.39	0.61	0.75	0.89	24.8	1.6	0.63	0.77	0.92	23.2	1.84	0.64	0.8	0.95
	875	28.2	1.21	0.61	0.76	0.9	27	1.38	0.63	0.78	0.93	25.6	1.59	0.65	0.81	0.96	24	1.83	0.66	0.84	1
	1010	29	1.2	0.64	0.8	0.95	27.8	1.38	0.66	0.82	0.98	26.4	1.58	0.67	0.85	1	24.6	1.82	0.69	0.88	1
71°F	760	28.6	1.2	0.46	0.58	0.7	27.4	1.38	0.46	0.59	0.72	26.2	1.58	0.46	0.61	0.74	24.8	1.82	0.47	0.62	0.77
	875	29.4	1.19	0.47	0.6	0.74	28.4	1.37	0.47	0.61	0.75	27	1.58	0.48	0.63	0.78	25.4	1.81	0.49	0.65	0.81
	1010	30.4	1.19	0.48	0.62	0.77	29.2	1.36	0.48	0.64	0.79	27.8	1.57	0.49	0.66	0.82	26	1.8	0.5	0.68	0.85

XP16-036-230-05 - CX34-50/60C-6F + EL296UH110V48C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F
63°F	1025	36	2.16	0.76	0.89	1	34.2	2.41	0.77	0.91	1	32.4	2.71	0.79	0.94	1	30.2	3.05	0.82	0.98	1
	1205	37.2	2.17	0.79	0.94	1	35.4	2.43	0.81	0.96	1	33.4	2.72	0.83	0.99	1	31.4	3.07	0.87	1	1
	1405	38.5	2.19	0.82	0.98	1	36.4	2.44	0.85	1	1	34.6	2.74	0.88	1	1	32.6	3.08	0.92	1	1
67°F	1025	37.8	2.18	0.6	0.73	0.85	36	2.44	0.61	0.74	0.88	34.2	2.73	0.62	0.77	0.91	32	3.07	0.64	0.79	0.94
	1205	39.5	2.2	0.62	0.76	0.9	37.2	2.45	0.63	0.78	0.93	35.2	2.75	0.65	0.81	0.96	33	3.09	0.67	0.84	1
	1405	40.5	2.21	0.64	0.8	0.95	38.5	2.46	0.66	0.82	0.98	36.2	2.76	0.68	0.85	1	33.8	3.1	0.7	0.89	1
71°F	1025	40	2.2	0.46	0.58	0.7	38	2.46	0.46	0.6	0.72	36	2.76	0.47	0.6	0.74	34	3.1	0.47	0.62	0.77
	1205	41	2.22	0.48	0.6	0.73	39	2.47	0.47	0.62	0.76	37.2	2.77	0.48	0.63	0.78	34.8	3.11	0.49	0.65	0.81
	1405	42	2.23	0.48	0.63	0.77	40	2.49	0.48	0.65	0.8	38	2.78	0.5	0.65	0.83	35.6	3.12	0.51	0.69	0.86

XP16-036-230-05 - CX34-50/60C-6F + EL296UH110V48C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
760	28.8	2.06	27.1	2	25.4	1.94	23.8	1.87
875	29.2	1.95	27.6	1.89	25.9	1.82	24.2	1.76
1010	29.8	1.86	28.1	1.79	26.4	1.73	24.8	1.67

XP16-036-230-05 - CX34-50/60C-6F + EL296UH110V48C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1025	40.9	3.49	32.3	2.95	23.2	2.4	16.7	1.89	8.2	1.48
1205	41.5	3.32	32.9	2.78	23.9	2.23	17.4	1.73	8.8	1.32
1405	42.2	3.21	33.6	2.67	24.6	2.12	18.1	1.62	9.5	1.2

XP16-036-230-05 - CX34-50/60C-6F + EL296UH110V48C HEATING PERFORMANCE at 1205 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.32	41.5
60	3.19	39.5
55	3.05	37.5
50	2.91	35.5
47	2.83	34.3
45	2.78	32.9
40	2.64	29.3
35	2.5	25.8
30	2.37	24.8
25	2.23	23.9
20	2.1	22.9
17	2.02	22.3
15	1.96	21.5
10	1.83	19.5
5	1.73	17.4
0	1.62	15.2
-5	1.52	13.1
-10	1.42	11
-15	1.32	8.8
-20	1.21	6.7

XP16-036-230-05 - CX34-50/60C-6F + SL280UH090V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	890	26.8	1.22	0.79	0.95	1	25.6	1.4	0.81	0.98	1	24.2	1.61	0.84	1	1	22.8	1.84	0.88	1	1
	890	26.8	1.22	0.79	0.95	1	25.6	1.4	0.81	0.98	1	24.2	1.61	0.84	1	1	22.8	1.84	0.88	1	1
	1005	27.4	1.21	0.82	0.98	1	26.2	1.39	0.85	1	1	25	1.6	0.88	1	1	23.8	1.83	0.91	1	1
67°F	890	28.2	1.2	0.62	0.77	0.91	27	1.38	0.64	0.79	0.94	25.6	1.59	0.65	0.81	0.97	24	1.83	0.67	0.84	1
	890	28.2	1.2	0.61	0.77	0.91	27	1.38	0.63	0.79	0.94	25.6	1.59	0.65	0.81	0.97	24	1.83	0.67	0.84	1
	1005	29	1.2	0.64	0.8	0.95	27.8	1.38	0.66	0.82	0.98	26.2	1.58	0.67	0.85	1	24.6	1.82	0.69	0.88	1
71°F	890	29.6	1.19	0.47	0.6	0.74	28.4	1.37	0.47	0.62	0.76	27	1.58	0.48	0.63	0.78	25.4	1.81	0.49	0.65	0.81
	890	29.6	1.19	0.47	0.6	0.74	28.4	1.37	0.47	0.62	0.76	27	1.58	0.48	0.63	0.78	25.4	1.81	0.49	0.65	0.81
	1005	30.2	1.19	0.48	0.62	0.77	29.2	1.36	0.48	0.64	0.79	27.6	1.57	0.49	0.66	0.82	26	1.8	0.49	0.68	0.85

XP16-036-230-05 - CX34-50/60C-6F + SL280UH090V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	1295	37.8	2.18	0.8	0.96	1	36	2.43	0.83	0.99	1	34	2.73	0.85	1	1	32	3.08	0.89	1	1
	1295	37.8	2.18	0.8	0.96	1	36	2.43	0.83	0.99	1	34	2.73	0.85	1	1	32	3.08	0.89	1	1
	1440	38.5	2.19	0.83	0.99	1	36.6	2.44	0.85	1	1	34.8	2.74	0.89	1	1	32.8	3.09	0.93	1	1
67°F	1295	40	2.2	0.63	0.78	0.92	37.8	2.46	0.65	0.8	0.95	35.8	2.75	0.66	0.83	0.99	33.4	3.09	0.68	0.86	1
	1295	40	2.2	0.63	0.78	0.92	37.8	2.46	0.65	0.8	0.95	35.8	2.75	0.66	0.83	0.99	33.4	3.09	0.68	0.86	1
	1440	40.5	2.21	0.65	0.8	0.96	38.5	2.47	0.66	0.83	0.99	36.4	2.76	0.68	0.86	1	33.8	3.1	0.7	0.9	1
71°F	1295	41.5	2.22	0.47	0.62	0.75	39.5	2.48	0.47	0.63	0.77	37.6	2.77	0.49	0.65	0.8	35	3.11	0.5	0.66	0.83
	1295	41.5	2.22	0.47	0.62	0.75	39.5	2.48	0.47	0.63	0.77	37.6	2.77	0.49	0.65	0.8	35	3.11	0.5	0.66	0.83
	1440	42.5	2.23	0.48	0.63	0.78	40.5	2.49	0.49	0.65	0.8	38	2.78	0.5	0.67	0.83	35.8	3.12	0.5	0.69	0.87

XP16-036-230-05 - CX34-50/60C-6F + SL280UH090V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
888	29.3	1.94	27.7	1.88	26	1.82	24.3	1.76
888	29.3	1.94	27.6	1.88	25.9	1.82	24.3	1.75
1005	29.8	1.86	28.1	1.8	26.4	1.74	24.7	1.67

XP16-036-230-05 - CX34-50/60C-6F + SL280UH090V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1295	41.9	3.25	33.2	2.73	24.1	2.19	17.5	1.71	8.9	1.3
1295	41.9	3.25	33.2	2.73	24.1	2.19	17.5	1.71	8.9	1.3
1440	42.3	3.17	33.6	2.65	24.4	2.11	17.9	1.63	9.3	1.22

XP16-036-230-05 - CX34-50/60C-6F + SL280UH090V60C HEATING PERFORMANCE at 1295 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.25	41.9
60	3.12	39.9
55	2.99	37.9
50	2.86	35.8
47	2.78	34.6
45	2.73	33.2
40	2.58	29.6
35	2.44	26
30	2.32	25
25	2.19	24.1
20	2.07	23.1
17	1.99	22.5
15	1.94	21.7
10	1.81	19.7
5	1.71	17.5
0	1.61	15.4
-5	1.5	13.2
-10	1.4	11.1
-15	1.3	8.9
-20	1.2	6.7

XP16-036-230-05 - CX34-50/60C-6F + SL280UH110V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	875	26.6	1.22	0.79	0.94	1	25.6	1.4	0.81	0.97	1	24	1.61	0.84	1	1	22.8	1.84	0.87	1	1
	875	26.6	1.22	0.79	0.94	1	25.4	1.4	0.81	0.97	1	24	1.61	0.84	1	1	22.8	1.84	0.87	1	1
	975	27.2	1.21	0.82	0.98	1	26	1.39	0.84	1	1	24.8	1.6	0.87	1	1	23.4	1.84	0.9	1	1
67°F	875	28.2	1.2	0.62	0.77	0.9	27	1.38	0.63	0.78	0.93	25.6	1.59	0.65	0.81	0.97	24	1.83	0.67	0.84	1
	875	28.2	1.2	0.61	0.76	0.9	27	1.38	0.63	0.78	0.93	25.6	1.59	0.65	0.81	0.96	24	1.83	0.67	0.84	1
	975	28.8	1.2	0.63	0.79	0.94	27.6	1.38	0.65	0.81	0.97	26	1.59	0.65	0.84	1	24.4	1.82	0.68	0.87	1
71°F	875	29.4	1.19	0.47	0.6	0.74	28.4	1.37	0.47	0.62	0.76	27	1.58	0.48	0.63	0.78	25.4	1.81	0.49	0.65	0.81
	875	29.4	1.19	0.47	0.6	0.74	28.4	1.37	0.47	0.62	0.76	27	1.58	0.48	0.63	0.78	25.4	1.81	0.49	0.65	0.81
	975	30.2	1.19	0.47	0.62	0.76	29	1.36	0.47	0.63	0.78	27.6	1.57	0.49	0.65	0.81	25.8	1.81	0.49	0.67	0.84

XP16-036-230-05 - CX34-50/60C-6F + SL280UH110V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	1260	37.6	2.18	0.8	0.95	1	35.8	2.43	0.82	0.98	1	33.8	2.73	0.85	1	1	31.8	3.07	0.88	1	1
	1260	37.6	2.18	0.8	0.95	1	35.8	2.43	0.82	0.98	1	33.8	2.73	0.85	1	1	31.8	3.07	0.88	1	1
	1395	38.5	2.19	0.82	0.98	1	36.4	2.44	0.85	1	1	34.6	2.74	0.88	1	1	32.6	3.08	0.91	1	1
67°F	1260	39.5	2.2	0.63	0.77	0.92	37.6	2.46	0.64	0.79	0.94	35.6	2.75	0.66	0.82	0.98	33.2	3.09	0.68	0.85	1
	1260	39.5	2.2	0.63	0.77	0.92	37.6	2.46	0.64	0.79	0.94	35.6	2.75	0.66	0.82	0.98	33.2	3.09	0.68	0.85	1
	1395	40.5	2.21	0.64	0.8	0.95	38.5	2.46	0.66	0.82	0.98	36.2	2.76	0.67	0.85	1	33.8	3.1	0.69	0.89	1
71°F	1260	41.5	2.22	0.48	0.61	0.75	39.5	2.48	0.48	0.62	0.77	37.4	2.77	0.49	0.64	0.8	35	3.11	0.49	0.66	0.83
	1260	41.5	2.22	0.48	0.61	0.75	39.5	2.48	0.48	0.62	0.77	37.4	2.77	0.49	0.64	0.8	35	3.11	0.49	0.66	0.83
	1395	42	2.23	0.48	0.63	0.77	40	2.48	0.48	0.64	0.8	38	2.78	0.5	0.66	0.82	35.6	3.12	0.5	0.69	0.86

XP16-036-230-05 - CX34-50/60C-6F + SL280UH110V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
876	29.3	1.95	27.7	1.89	26	1.83	24.3	1.77
876	29.3	1.95	27.6	1.89	25.9	1.83	24.3	1.76
975	29.6	1.88	27.9	1.81	26.3	1.75	24.6	1.69

XP16-036-230-05 - CX34-50/60C-6F + SL280UH110V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1260	41.8	3.27	33.2	2.74	24.1	2.21	17.5	1.72	8.9	1.31
1260	41.8	3.27	33.2	2.74	24.1	2.21	17.5	1.72	8.9	1.31
1395	42.2	3.2	33.5	2.67	24.4	2.14	17.9	1.65	9.3	1.24

XP16-036-230-05 - CX34-50/60C-6F + SL280UH110V60C HEATING PERFORMANCE at 1260 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.27	41.8
60	3.14	39.8
55	3.01	37.8
50	2.88	35.8
47	2.8	34.6
45	2.74	33.2
40	2.61	29.6
35	2.47	26
30	2.34	25
25	2.21	24.1
20	2.08	23.1
17	2.01	22.5
15	1.95	21.7
10	1.82	19.7
5	1.72	17.5
0	1.61	15.4
-5	1.51	13.2
-10	1.41	11.1
-15	1.31	8.9
-20	1.2	6.8

XP16-036-230-05 - CX34-50/60C-6F + SLP98UH090V36C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW							
63°F	710	25.4	1.23	0.74	0.88	1	24.2	1.41	0.76	0.91	1	23	1.62	0.79	0.93	1	21.4	1.86	0.81	0.97	1				
	830	26.4	1.22	0.78	0.93	1	25.2	1.4	0.8	0.95	1	23.8	1.61	0.82	0.99	1	22.4	1.85	0.86	1	1				
	950	27.2	1.21	0.81	0.97	1	26	1.39	0.83	0.99	1	24.6	1.6	0.86	1	1	23.2	1.84	0.9	1	1				
67°F	710	26.8	1.22	0.6	0.72	0.84	25.6	1.4	0.6	0.73	0.87	24.4	1.6	0.61	0.76	0.89	23	1.84	0.63	0.78	0.93				
	830	27.8	1.21	0.61	0.75	0.89	26.6	1.39	0.62	0.77	0.91	25.2	1.6	0.64	0.8	0.95	23.6	1.83	0.66	0.82	0.98				
	950	28.6	1.2	0.63	0.78	0.93	27.4	1.38	0.65	0.8	0.96	26	1.59	0.66	0.83	0.99	24.4	1.82	0.68	0.87	1				
71°F	710	28.2	1.2	0.46	0.58	0.69	27.2	1.38	0.46	0.59	0.71	25.8	1.59	0.46	0.59	0.73	24.4	1.82	0.47	0.61	0.75				
	830	29.2	1.2	0.47	0.59	0.72	28	1.37	0.46	0.61	0.74	26.8	1.58	0.47	0.62	0.77	25.2	1.81	0.48	0.64	0.79				
	950	30	1.19	0.47	0.62	0.75	28.8	1.36	0.47	0.63	0.78	27.4	1.57	0.49	0.65	0.8	25.8	1.81	0.49	0.66	0.84				

XP16-036-230-05 - CX34-50/60C-6F + SLP98UH090V36C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW							
63°F	1040	36.2	2.16	0.76	0.89	1	34.4	2.42	0.77	0.92	1	32.4	2.71	0.8	0.95	1	30.2	3.05	0.82	0.99	1				
	1210	37.2	2.18	0.79	0.94	1	35.4	2.43	0.81	0.97	1	33.4	2.72	0.84	1	1	31.4	3.07	0.87	1	1				
	1360	38	2.19	0.82	0.98	1	36.4	2.44	0.84	1	1	34.4	2.74	0.87	1	1	32.4	3.08	0.91	1	1				
67°F	1040	38	2.18	0.6	0.73	0.86	36.2	2.44	0.61	0.75	0.88	34.4	2.73	0.62	0.77	0.91	32.2	3.08	0.64	0.8	0.95				
	1210	39.5	2.2	0.62	0.76	0.9	37.4	2.45	0.63	0.78	0.93	35.2	2.75	0.65	0.81	0.96	33	3.09	0.67	0.84	1				
	1360	40	2.21	0.64	0.79	0.94	38	2.46	0.65	0.82	0.97	36	2.76	0.67	0.84	1	33.6	3.1	0.69	0.88	1				
71°F	1040	40	2.21	0.46	0.59	0.71	38	2.46	0.46	0.6	0.72	36.2	2.76	0.47	0.61	0.74	34	3.1	0.48	0.63	0.77				
	1210	41	2.22	0.47	0.6	0.74	39	2.47	0.47	0.62	0.76	37.2	2.77	0.48	0.64	0.78	34.8	3.11	0.49	0.66	0.82				
	1360	42	2.23	0.48	0.62	0.77	40	2.48	0.48	0.64	0.79	37.8	2.78	0.5	0.66	0.82	35.4	3.12	0.5	0.68	0.85				

XP16-036-230-05 - CX34-50/60C-6F + SLP98UH090V36C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
710	28.5	2.12	26.9	2.06	25.2	1.99	23.6	1.92
832	29.1	1.99	27.4	1.92	25.8	1.86	24.1	1.79
950	29.6	1.9	27.9	1.83	26.3	1.77	24.6	1.7

XP16-036-230-05 - CX34-50/60C-6F + SLP98UH090V36C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1040	41	3.47	32.4	2.93	23.3	2.39	16.8	1.88	8.2	1.47
1212	41.6	3.32	33	2.77	23.9	2.23	17.4	1.73	8.9	1.31
1360	42.2	3.23	33.6	2.69	24.5	2.15	18	1.65	9.5	1.23

XP16-036-230-05 - CX34-50/60C-6F + SLP98UH090V36C HEATING PERFORMANCE at 1212 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.32	41.6
60	3.18	39.6
55	3.05	37.6
50	2.91	35.6
47	2.83	34.4
45	2.77	33
40	2.64	29.4
35	2.5	25.9
30	2.36	24.9
25	2.23	23.9
20	2.1	23
17	2.02	22.4
15	1.96	21.6
10	1.83	19.6
5	1.73	17.4
0	1.62	15.3
-5	1.52	13.2
-10	1.42	11
-15	1.31	8.9
-20	1.21	6.7

XP16-036-230-05 - CX34-50/60C-6F + SLP98UH090V48C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW							
63°F	690	25.2	1.23	0.74	0.87	1	24	1.41	0.76	0.9	1	22.8	1.62	0.78	0.92	1	21.4	1.86	0.8	0.96	1				
	815	26.2	1.22	0.77	0.92	1	25	1.4	0.79	0.95	1	23.6	1.61	0.82	0.98	1	22.2	1.85	0.85	1	1				
	890	26.8	1.22	0.8	0.95	1	25.6	1.4	0.82	0.98	1	24.2	1.6	0.84	1	1	22.8	1.84	0.88	1	1				
67°F	690	26.6	1.22	0.6	0.72	0.83	25.6	1.4	0.6	0.73	0.86	24.2	1.6	0.61	0.74	0.88	22.8	1.84	0.63	0.77	0.92				
	815	27.8	1.21	0.61	0.75	0.88	26.6	1.39	0.62	0.76	0.91	25.2	1.6	0.63	0.79	0.94	23.6	1.83	0.65	0.82	0.98				
	890	28.4	1.2	0.62	0.77	0.91	27	1.38	0.64	0.79	0.94	25.6	1.59	0.65	0.81	0.97	24	1.83	0.67	0.85	1				
71°F	690	28	1.21	0.46	0.58	0.69	27	1.38	0.46	0.59	0.7	25.8	1.59	0.46	0.59	0.72	24.2	1.82	0.47	0.61	0.75				
	815	29	1.2	0.46	0.59	0.72	27.8	1.38	0.47	0.6	0.74	26.6	1.58	0.47	0.62	0.76	25	1.81	0.48	0.64	0.79				
	890	29.6	1.19	0.47	0.6	0.74	28.4	1.37	0.47	0.62	0.76	27	1.58	0.48	0.63	0.79	25.6	1.81	0.49	0.65	0.82				

XP16-036-230-05 - CX34-50/60C-6F + SLP98UH090V48C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW							
63°F	1060	36.2	2.16	0.76	0.9	1	34.4	2.42	0.78	0.92	1	32.6	2.71	0.8	0.96	1	30.4	3.05	0.83	0.99	1				
	1205	37.2	2.17	0.79	0.94	1	35.4	2.43	0.81	0.96	1	33.4	2.72	0.83	0.99	1	31.4	3.07	0.87	1	1				
	1335	38	2.18	0.81	0.97	1	36.2	2.44	0.84	1	1	34.2	2.73	0.86	1	1	32.2	3.08	0.9	1	1				
67°F	1060	38	2.18	0.6	0.73	0.86	36.4	2.44	0.62	0.75	0.89	34.4	2.74	0.63	0.77	0.92	32.2	3.08	0.65	0.8	0.96				
	1205	39.5	2.2	0.62	0.76	0.9	37.2	2.45	0.63	0.78	0.93	35.2	2.75	0.65	0.81	0.96	33	3.09	0.67	0.84	1				
	1335	40	2.21	0.63	0.79	0.93	38	2.46	0.65	0.81	0.96	36	2.75	0.67	0.84	0.99	33.6	3.1	0.68	0.87	1				
71°F	1060	40	2.21	0.46	0.59	0.71	38.5	2.46	0.46	0.6	0.72	36.2	2.76	0.47	0.61	0.75	34	3.1	0.48	0.63	0.78				
	1205	41	2.22	0.47	0.6	0.73	39	2.47	0.47	0.62	0.76	37.2	2.77	0.48	0.63	0.78	34.8	3.11	0.49	0.65	0.81				
	1335	42	2.23	0.48	0.62	0.76	40	2.48	0.48	0.64	0.78	37.8	2.78	0.49	0.65	0.81	35.4	3.12	0.5	0.68	0.85				

XP16-036-230-05 - CX34-50/60C-6F + SLP98UH090V48C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
690	28.4	2.15	26.8	2.08	25.1	2.02	23.5	1.95
813	29	2.01	27.3	1.94	25.7	1.87	24.1	1.81
890	29.4	1.94	27.7	1.88	26.1	1.81	24.4	1.74

XP16-036-230-05 - CX34-50/60C-6F + SLP98UH090V48C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1060	41	3.45	32.4	2.91	23.4	2.36	16.9	1.86	8.3	1.45
1204	41.5	3.32	32.9	2.78	23.9	2.23	17.4	1.73	8.8	1.32
1335	42.1	3.25	33.4	2.71	24.4	2.16	17.9	1.65	9.4	1.24

XP16-036-230-05 - CX34-50/60C-6F + SLP98UH090V48C HEATING PERFORMANCE at 1204 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.32	41.5
60	3.19	39.5
55	3.05	37.5
50	2.92	35.5
47	2.83	34.3
45	2.78	32.9
40	2.64	29.4
35	2.5	25.8
30	2.37	24.9
25	2.23	23.9
20	2.1	22.9
17	2.02	22.3
15	1.97	21.5
10	1.83	19.5
5	1.73	17.4
0	1.62	15.3
-5	1.52	13.1
-10	1.42	11
-15	1.32	8.8
-20	1.21	6.7

XP16-036-230-05 - CX34-50/60C-6F + SLP98UH090V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	
63°F	870	26.6	1.22	0.79	0.94	1	25.4	1.4	0.81	0.97	1	24	1.61	0.84	1	1	22.6	1.84	0.87	1	1
	870	26.6	1.22	0.79	0.94	1	25.4	1.4	0.81	0.97	1	24	1.61	0.83	1	1	22.6	1.85	0.87	1	1
	975	27.2	1.21	0.82	0.98	1	26	1.39	0.84	1	1	24.8	1.6	0.87	1	1	23.4	1.84	0.91	1	1
67°F	870	28.2	1.2	0.61	0.76	0.9	27	1.39	0.63	0.78	0.93	25.4	1.59	0.65	0.81	0.96	23.8	1.83	0.66	0.84	1
	870	28.2	1.21	0.61	0.76	0.9	27	1.39	0.63	0.78	0.93	25.4	1.59	0.65	0.81	0.96	23.8	1.83	0.66	0.84	1
	975	28.8	1.2	0.63	0.79	0.94	27.6	1.38	0.65	0.81	0.97	26	1.59	0.65	0.84	1	24.4	1.82	0.68	0.87	1
71°F	870	29.4	1.19	0.47	0.6	0.73	28.4	1.37	0.47	0.62	0.75	27	1.58	0.48	0.63	0.78	25.4	1.81	0.49	0.65	0.81
	870	29.4	1.19	0.47	0.6	0.73	28.2	1.37	0.47	0.61	0.75	26.8	1.58	0.48	0.63	0.78	25.4	1.81	0.48	0.65	0.81
	975	30.2	1.19	0.47	0.62	0.76	29	1.36	0.47	0.63	0.78	27.6	1.57	0.49	0.65	0.81	25.8	1.81	0.49	0.67	0.84

XP16-036-230-05 - CX34-50/60C-6F + SLP98UH090V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	
63°F	1320	37.6	2.18	0.81	0.97	1	36.2	2.44	0.83	0.99	1	34	2.73	0.86	1	1	32.2	3.08	0.9	1	1
	1320	37.6	2.18	0.81	0.97	1	36.2	2.44	0.83	0.99	1	34	2.73	0.86	1	1	32.2	3.08	0.9	1	1
	1460	38.5	2.19	0.83	0.99	1	36.8	2.45	0.86	1	1	35	2.74	0.89	1	1	33	3.09	0.93	1	1
67°F	1320	40	2.21	0.63	0.78	0.93	38	2.46	0.64	0.81	0.96	35.8	2.75	0.67	0.83	0.99	33.4	3.09	0.68	0.87	1
	1320	40	2.21	0.63	0.78	0.93	38	2.46	0.64	0.81	0.96	35.8	2.75	0.67	0.83	0.99	33.4	3.09	0.68	0.87	1
	1460	40.5	2.21	0.65	0.81	0.96	38.5	2.47	0.67	0.83	0.99	36.4	2.76	0.68	0.87	1	34	3.1	0.71	0.9	1
71°F	1320	41.5	2.22	0.48	0.62	0.76	40	2.48	0.48	0.63	0.78	37.6	2.77	0.49	0.65	0.81	35.2	3.12	0.5	0.67	0.84
	1320	41.5	2.22	0.48	0.62	0.76	40	2.48	0.48	0.63	0.78	37.6	2.77	0.49	0.65	0.81	35.2	3.12	0.5	0.67	0.84
	1460	42.5	2.23	0.49	0.64	0.78	40.5	2.49	0.49	0.65	0.81	38.5	2.78	0.5	0.67	0.84	35.8	3.12	0.51	0.7	0.88

XP16-036-230-05 - CX34-50/60C-6F + SLP98UH090V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
868	29.3	1.96	27.6	1.89	25.9	1.83	24.3	1.77
868	29.2	1.96	27.5	1.89	25.9	1.83	24.2	1.77
975	29.6	1.88	27.9	1.81	26.3	1.75	24.6	1.69

XP16-036-230-05 - CX34-50/60C-6F + SLP98UH090V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1320	42.1	3.24	33.4	2.71	24.2	2.19	17.7	1.71	9	1.3
1320	42.1	3.24	33.4	2.71	24.2	2.19	17.7	1.71	9	1.3
1460	42.5	3.16	33.8	2.64	24.7	2.11	18.1	1.63	9.4	1.22

XP16-036-230-05 - CX34-50/60C-6F + SLP98UH090V60C HEATING PERFORMANCE at 1320 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.24	42.1
60	3.11	40
55	2.98	38
50	2.85	36
47	2.77	34.8
45	2.71	33.4
40	2.57	29.8
35	2.43	26.1
30	2.31	25.2
25	2.19	24.2
20	2.06	23.2
17	1.99	22.7
15	1.94	21.9
10	1.81	19.8
5	1.71	17.7
0	1.6	15.5
-5	1.5	13.3
-10	1.4	11.1
-15	1.3	9
-20	1.2	6.8

XP16-036-230-05 - CX34-50/60C-6F + SLP98UH110V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	890	26.8	1.22	0.79	0.95	1	25.6	1.4	0.81	0.98	1	24.2	1.61	0.84	1	1	22.8	1.84	0.88	1	1
	890	26.8	1.22	0.79	0.95	1	25.6	1.4	0.81	0.98	1	24.2	1.61	0.84	1	1	22.8	1.84	0.88	1	1
	970	27.2	1.21	0.82	0.98	1	26	1.39	0.84	1	1	24.8	1.6	0.87	1	1	23.4	1.84	0.91	1	1
67°F	890	28.2	1.2	0.62	0.77	0.91	27	1.38	0.64	0.79	0.94	25.6	1.59	0.65	0.81	0.97	24	1.83	0.67	0.84	1
	890	28.2	1.2	0.62	0.77	0.91	27	1.38	0.64	0.79	0.94	25.6	1.59	0.65	0.81	0.97	24	1.83	0.67	0.84	1
	970	28.8	1.2	0.63	0.79	0.94	27.6	1.38	0.65	0.81	0.97	26	1.59	0.65	0.84	1	24.4	1.82	0.69	0.87	1
71°F	890	29.6	1.19	0.47	0.6	0.74	28.4	1.37	0.47	0.62	0.76	27	1.58	0.48	0.63	0.78	25.4	1.81	0.49	0.65	0.82
	890	29.6	1.19	0.47	0.6	0.74	28.4	1.37	0.47	0.62	0.76	27	1.58	0.48	0.63	0.78	25.4	1.81	0.49	0.65	0.81
	970	30.2	1.19	0.47	0.62	0.76	29	1.36	0.47	0.63	0.78	27.6	1.57	0.49	0.65	0.81	25.8	1.81	0.5	0.67	0.84

XP16-036-230-05 - CX34-50/60C-6F + SLP98UH110V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	1270	37.6	2.18	0.8	0.95	1	35.8	2.43	0.82	0.98	1	33.8	2.73	0.85	1	1	31.8	3.07	0.88	1	1
	1270	37.6	2.18	0.8	0.95	1	35.8	2.43	0.82	0.98	1	33.8	2.73	0.85	1	1	31.8	3.07	0.88	1	1
	1405	38.5	2.19	0.82	0.98	1	36.4	2.44	0.85	1	1	34.6	2.74	0.88	1	1	32.6	3.08	0.92	1	1
67°F	1270	39.5	2.2	0.63	0.77	0.92	37.8	2.46	0.64	0.8	0.95	35.6	2.75	0.66	0.82	0.98	33.2	3.09	0.68	0.86	1
	1270	39.5	2.2	0.63	0.77	0.92	37.8	2.46	0.64	0.8	0.95	35.6	2.75	0.66	0.82	0.98	33.2	3.09	0.68	0.86	1
	1405	40.5	2.21	0.64	0.8	0.95	38.5	2.46	0.66	0.82	0.98	36.2	2.76	0.68	0.85	1	33.8	3.1	0.7	0.89	1
71°F	1270	41.5	2.22	0.48	0.61	0.75	39.5	2.48	0.47	0.63	0.77	37.4	2.77	0.49	0.64	0.8	35	3.11	0.5	0.66	0.83
	1270	41.5	2.22	0.47	0.61	0.75	39.5	2.48	0.47	0.63	0.77	37.4	2.77	0.49	0.64	0.8	35	3.11	0.5	0.66	0.83
	1405	42	2.23	0.48	0.63	0.77	40	2.49	0.48	0.65	0.8	38	2.78	0.5	0.65	0.83	35.6	3.12	0.51	0.69	0.86

XP16-036-230-05 - CX34-50/60C-6F + SLP98UH110V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
888	29.3	1.94	27.7	1.88	26	1.82	24.3	1.76
888	29.3	1.94	27.6	1.88	25.9	1.82	24.3	1.75
970	29.7	1.88	28	1.82	26.4	1.76	24.7	1.7

XP16-036-230-05 - CX34-50/60C-6F + SLP98UH110V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1270	41.8	3.26	33.1	2.73	24	2.2	17.5	1.72	8.9	1.31
1272	41.8	3.26	33.1	2.73	24	2.2	17.5	1.71	8.9	1.3
1405	42.3	3.19	33.6	2.67	24.5	2.14	17.9	1.65	9.3	1.24

XP16-036-230-05 - CX34-50/60C-6F + SLP98UH110V60C HEATING PERFORMANCE at 1272 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.26	41.8
60	3.13	39.8
55	3	37.8
50	2.87	35.8
47	2.79	34.6
45	2.73	33.1
40	2.59	29.5
35	2.45	26
30	2.33	25
25	2.2	24
20	2.08	23
17	2	22.5
15	1.95	21.7
10	1.82	19.6
5	1.71	17.5
0	1.61	15.3
-5	1.51	13.2
-10	1.41	11
-15	1.3	8.9
-20	1.2	6.7

XP16-048-230-05 - CBX26UH-048 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	1200	38	1.71	0.78	0.94	1	36.2	1.97	0.8	0.96	1	34.2	2.26	0.83	0.99	1	32.2	2.6	0.85	1	1
	1200	38	1.71	0.78	0.94	1	36.2	1.97	0.8	0.96	1	34.2	2.26	0.83	0.99	1	32.2	2.6	0.85	1	1
	1600	40.5	1.69	0.87	1	1	39	1.94	0.89	1	1	37	2.23	0.92	1	1	35	2.57	0.96	1	1
67°F	1200	40.5	1.69	0.61	0.76	0.9	38.5	1.95	0.62	0.78	0.93	36.4	2.24	0.64	0.8	0.96	34.2	2.58	0.65	0.83	0.99
	1200	40.5	1.69	0.61	0.76	0.9	38.5	1.95	0.62	0.78	0.93	36.4	2.24	0.64	0.8	0.96	34.2	2.58	0.65	0.83	0.99
	1600	42.5	1.67	0.66	0.84	1	40.5	1.92	0.68	0.87	1	38	2.22	0.69	0.9	1	35.8	2.56	0.72	0.93	1
71°F	1200	43	1.67	0.46	0.6	0.73	41	1.92	0.46	0.61	0.75	38.5	2.21	0.47	0.62	0.78	36.2	2.55	0.47	0.64	0.8
	1200	43	1.67	0.46	0.6	0.73	41	1.92	0.46	0.61	0.75	38.5	2.21	0.47	0.62	0.78	36.2	2.55	0.47	0.64	0.8
	1600	45	1.64	0.48	0.65	0.82	43	1.9	0.48	0.67	0.84	40.5	2.19	0.49	0.68	0.87	38	2.53	0.5	0.71	0.91

XP16-048-230-05 - CBX26UH-048 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	1450	50	2.94	0.75	0.89	1	47.5	3.29	0.77	0.91	1	44.5	3.71	0.79	0.94	1	41.5	4.21	0.82	0.98	1
	1600	51	2.95	0.77	0.92	1	48.5	3.3	0.79	0.95	1	45.5	3.72	0.81	0.98	1	42.5	4.22	0.84	1	1
	1840	52.5	2.95	0.8	0.96	1	49.5	3.31	0.83	0.99	1	47	3.72	0.85	1	1	44	4.21	0.89	1	1
67°F	1450	53	2.96	0.59	0.72	0.86	50	3.31	0.6	0.74	0.88	47.5	3.73	0.61	0.76	0.91	44	4.24	0.63	0.79	0.94
	1600	54	2.96	0.6	0.75	0.88	51.5	3.31	0.61	0.77	0.91	48	3.72	0.63	0.79	0.94	45	4.24	0.65	0.82	0.98
	1840	55.5	2.97	0.62	0.78	0.93	52.5	3.32	0.64	0.8	0.96	49.5	3.73	0.65	0.83	0.99	46	4.25	0.67	0.86	1
71°F	1450	56	2.96	0.45	0.58	0.7	53	3.32	0.45	0.59	0.72	50	3.74	0.46	0.6	0.74	47	4.23	0.46	0.62	0.76
	1600	57.5	2.97	0.45	0.59	0.72	54.5	3.32	0.46	0.6	0.74	51	3.73	0.46	0.61	0.76	47.5	4.24	0.47	0.63	0.79
	1840	59	2.98	0.46	0.61	0.76	56	3.33	0.47	0.62	0.78	52.5	3.75	0.47	0.64	0.8	49	4.26	0.48	0.66	0.84

XP16-048-230-05 - CBX26UH-048 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1200	38.2	2.28	36.3	2.24	34.3	2.2	32.3	2.16
1200	38.2	2.28	36.3	2.24	34.3	2.2	32.3	2.16
1600	39.2	2.08	37.2	2.04	35.2	2	33.2	1.96

XP16-048-230-05 - CBX26UH-048 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1450	52.3	3.25	41.5	2.97	29.9	2.68	22.7	2.36	11.2	1.75
1600	52.8	3.18	42	2.89	30.4	2.6	23.2	2.28	11.7	1.67
1839	53.5	3.08	42.7	2.8	31.1	2.51	23.9	2.19	12.4	1.58

XP16-048-230-05 - CBX26UH-048

HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.18	52.8
60	3.11	50.4
55	3.04	48
50	2.97	45.5
47	2.93	44.1
45	2.89	42
40	2.8	36.9
35	2.7	31.7
30	2.65	31.1
25	2.6	30.4
20	2.55	29.8
17	2.53	29.4
15	2.5	28.5
10	2.43	26
5	2.28	23.2
0	2.13	20.3
-5	1.97	17.4
-10	1.82	14.6
-15	1.67	11.7
-20	1.52	8.8

XP16-048-230-05 - CBX27UH-048 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	1120	37.8	1.71	0.77	0.92	1	36	1.99	0.79	0.94	1	34	2.3	0.81	0.97	1	31.8	2.67	0.83	1	1				
	1120	37.8	1.71	0.77	0.92	1	36	1.99	0.79	0.94	1	34	2.3	0.81	0.97	1	31.8	2.67	0.83	1	1				
	1380	39.5	1.69	0.82	0.99	1	37.8	1.96	0.84	1	1	36	2.27	0.87	1	1	33.8	2.63	0.9	1	1				
67°F	1120	40.5	1.68	0.6	0.74	0.88	38.5	1.96	0.61	0.76	0.91	36.4	2.27	0.62	0.78	0.93	34	2.63	0.64	0.81	0.97				
	1120	40.5	1.68	0.6	0.74	0.88	38.5	1.96	0.61	0.76	0.91	36.4	2.27	0.62	0.78	0.93	34	2.63	0.64	0.81	0.97				
	1380	42	1.66	0.63	0.8	0.96	40	1.93	0.65	0.82	0.98	37.8	2.24	0.66	0.84	1	35.4	2.61	0.68	0.88	1				
71°F	1120	42.5	1.66	0.45	0.59	0.72	40.5	1.92	0.45	0.6	0.73	38.5	2.23	0.46	0.61	0.75	36.2	2.59	0.47	0.63	0.78				
	1120	42.5	1.66	0.45	0.59	0.72	40.5	1.92	0.45	0.6	0.73	38.5	2.23	0.46	0.61	0.75	36.2	2.59	0.47	0.63	0.78				
	1380	44.5	1.64	0.46	0.62	0.77	42.5	1.9	0.47	0.63	0.79	40	2.21	0.48	0.65	0.82	37.6	2.57	0.48	0.67	0.85				

XP16-048-230-05 - CBX27UH-048 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	1380	49	2.89	0.75	0.89	1	46.5	3.22	0.76	0.91	1	43.5	3.64	0.78	0.94	1	40.5	4.12	0.81	0.97	1				
	1625	50.5	2.9	0.78	0.94	1	48	3.24	0.8	0.96	1	45	3.64	0.83	0.99	1	42	4.14	0.86	1	1				
	1815	51.5	2.91	0.81	0.97	1	49	3.25	0.83	0.99	1	46	3.66	0.86	1	1	43.5	4.13	0.89	1	1				
67°F	1380	51.5	2.91	0.59	0.72	0.85	49	3.25	0.6	0.74	0.87	46.5	3.65	0.61	0.76	0.9	43	4.13	0.63	0.78	0.94				
	1625	53.5	2.93	0.61	0.76	0.9	51	3.26	0.62	0.78	0.93	48	3.66	0.64	0.8	0.96	44.5	4.14	0.65	0.83	0.99				
	1815	54.5	2.93	0.63	0.79	0.94	51.5	3.26	0.64	0.81	0.97	49	3.67	0.66	0.83	0.99	45.5	4.15	0.68	0.87	1				
71°F	1380	54.5	2.93	0.45	0.57	0.7	52	3.27	0.45	0.58	0.71	49	3.67	0.45	0.6	0.73	46	4.15	0.46	0.61	0.76				
	1625	56.5	2.94	0.46	0.6	0.73	53.5	3.28	0.46	0.61	0.75	50.5	3.68	0.46	0.62	0.78	47	4.16	0.47	0.64	0.81				
	1815	57.5	2.95	0.46	0.62	0.76	54.5	3.28	0.47	0.63	0.78	51.5	3.69	0.47	0.65	0.81	48	4.17	0.48	0.67	0.84				

XP16-048-230-05 - CBX27UH-048 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1120	38.3	2.46	36.3	2.42	34.4	2.37	32.4	2.33
1120	38.3	2.46	36.3	2.42	34.4	2.37	32.4	2.33
1380	39.5	2.29	37.6	2.25	35.7	2.2	33.7	2.16

XP16-048-230-05 - CBX27UH-048 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1380	54	3.7	42.5	3.31	30.3	2.93	22.5	2.49	11	1.88
1625	54.8	3.54	43.3	3.16	31.1	2.77	23.3	2.33	11.8	1.72
1815	55.5	3.47	44	3.08	31.9	2.7	24	2.26	12.5	1.65

XP16-048-230-05 - CBX27UH-048

HEATING PERFORMANCE at 1625 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.54	54.8
60	3.45	52.2
55	3.35	49.6
50	3.25	47
47	3.2	45.4
45	3.16	43.3
40	3.06	38.1
35	2.96	32.8
30	2.87	32
25	2.77	31.1
20	2.68	30.3
17	2.62	29.8
15	2.58	28.7
10	2.49	26.1
5	2.33	23.3
0	2.18	20.4
-5	2.03	17.5
-10	1.88	14.7
-15	1.72	11.8
-20	1.57	8.9

XP16-048-230-05 - CBX27UH-060 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1260	37.6	1.74	0.79	0.94	1	36	2	0.81	0.97	1	34.4	2.31	0.83	0.99	1	32.8	2.66	0.87	1	1				
	1260	37.6	1.74	0.79	0.94	1	36	2	0.81	0.97	1	34.4	2.31	0.83	0.99	1	32.8	2.66	0.87	1	1				
	1600	40.5	1.71	0.86	1	1	38.5	1.97	0.88	1	1	37	2.27	0.91	1	1	35	2.62	0.95	1	1				
67°F	1260	40	1.72	0.62	0.77	0.91	38.5	1.98	0.63	0.79	0.93	36.4	2.28	0.65	0.81	0.96	34.2	2.64	0.67	0.84	0.99				
	1260	40	1.72	0.62	0.77	0.91	38.5	1.98	0.63	0.79	0.93	36.4	2.28	0.65	0.81	0.96	34.2	2.64	0.67	0.84	0.99				
	1600	42	1.7	0.66	0.83	0.98	40	1.96	0.68	0.86	1	38	2.27	0.69	0.89	1	35.6	2.61	0.72	0.92	1				
71°F	1260	42.5	1.69	0.46	0.61	0.75	40.5	1.96	0.47	0.62	0.76	38.5	2.26	0.48	0.64	0.79	36	2.61	0.48	0.65	0.82				
	1260	42.5	1.69	0.46	0.61	0.75	40.5	1.96	0.47	0.62	0.76	38.5	2.26	0.48	0.64	0.79	36	2.61	0.48	0.65	0.82				
	1600	44.5	1.67	0.48	0.65	0.81	42.5	1.93	0.49	0.67	0.83	40	2.23	0.49	0.68	0.86	37.8	2.58	0.51	0.71	0.9				

XP16-048-230-05 - CBX27UH-060 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1270	47	2.96	0.73	0.86	0.97	44.5	3.32	0.75	0.88	0.99	42.5	3.75	0.77	0.91	1	39.5	4.26	0.79	0.94	1				
	1600	49.5	2.96	0.78	0.92	1	47	3.32	0.79	0.95	1	45	3.76	0.82	0.97	1	42	4.26	0.85	1	1				
	1815	51	2.97	0.8	0.96	1	48.5	3.33	0.83	0.98	1	46.5	3.76	0.85	1	1	43.5	4.27	0.89	1	1				
67°F	1270	50	2.97	0.59	0.71	0.82	47.5	3.33	0.6	0.72	0.84	45	3.76	0.61	0.74	0.87	42	4.27	0.62	0.76	0.9				
	1600	52.5	2.97	0.61	0.75	0.89	50	3.34	0.62	0.77	0.91	47.5	3.76	0.64	0.79	0.94	44	4.28	0.66	0.82	0.98				
	1815	54	2.98	0.63	0.78	0.93	51	3.34	0.64	0.8	0.95	48.5	3.77	0.66	0.83	0.98	45	4.28	0.68	0.87	1				
71°F	1270	52.5	2.98	0.45	0.57	0.68	50	3.34	0.45	0.58	0.7	47.5	3.77	0.45	0.59	0.72	44.5	4.27	0.46	0.61	0.74				
	1600	55.5	2.99	0.46	0.6	0.73	53	3.35	0.46	0.61	0.75	50	3.78	0.47	0.63	0.77	46.5	4.29	0.48	0.65	0.8				
	1815	57	3	0.46	0.62	0.76	54	3.35	0.47	0.63	0.78	51	3.78	0.48	0.65	0.81	47.5	4.3	0.49	0.67	0.84				

XP16-048-230-05 - CBX27UH-060 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1260	39	2.26	36.8	2.22	34.6	2.17	32.5	2.12
1260	39	2.26	36.8	2.22	34.6	2.17	32.5	2.12
1600	39.7	2.11	37.6	2.06	35.4	2.02	33.3	1.97

XP16-048-230-05 - CBX27UH-060 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1270	53	3.48	41.4	3.14	29.1	2.79	21.4	2.42	10.2	1.83
1600	54.3	3.29	42.8	2.95	30.5	2.6	22.7	2.23	11.6	1.64
1815	55.2	3.22	43.7	2.87	31.4	2.53	23.6	2.15	12.5	1.57

XP16-048-230-05 - CBX27UH-060

HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.29	54.3
60	3.2	51.7
55	3.12	49.1
50	3.04	46.5
47	2.99	44.9
45	2.95	42.8
40	2.84	37.4
35	2.73	32.1
30	2.67	31.3
25	2.6	30.5
20	2.53	29.7
17	2.49	29.2
15	2.46	28.2
10	2.37	25.5
5	2.23	22.7
0	2.08	19.9
-5	1.93	17.1
-10	1.79	14.4
-15	1.64	11.6
-20	1.49	8.8

XP16-048-230-05 - CBX32M-048 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	1380	39.5	1.69	0.82	0.99	1	37.8	1.96	0.84	1	1	36	2.27	0.87	1	1	33.8	2.63	0.9	1	1				
	1380	39.5	1.69	0.82	0.99	1	37.8	1.96	0.84	1	1	36	2.27	0.87	1	1	33.8	2.63	0.9	1	1				
	1600	41	1.68	0.87	1	1	39.5	1.94	0.89	1	1	37.4	2.25	0.92	1	1	35.2	2.6	0.96	1	1				
67°F	1380	42	1.66	0.63	0.8	0.96	40	1.93	0.65	0.82	0.98	37.8	2.24	0.66	0.84	1	35.4	2.61	0.68	0.88	1				
	1380	42	1.66	0.63	0.8	0.96	40	1.93	0.65	0.82	0.98	37.8	2.24	0.66	0.84	1	35.4	2.61	0.68	0.88	1				
	1600	43	1.65	0.66	0.84	1	41	1.92	0.68	0.87	1	38.5	2.23	0.69	0.9	1	36.2	2.59	0.72	0.93	1				
71°F	1380	44.5	1.64	0.46	0.62	0.77	42.5	1.9	0.47	0.63	0.79	40	2.21	0.48	0.65	0.82	37.6	2.57	0.48	0.67	0.85				
	1380	44.5	1.64	0.46	0.62	0.77	42.5	1.9	0.47	0.63	0.79	40	2.21	0.48	0.65	0.82	37.6	2.57	0.48	0.67	0.85				
	1600	45.5	1.62	0.48	0.65	0.82	43.5	1.89	0.48	0.66	0.84	41	2.19	0.49	0.68	0.87	38.5	2.55	0.5	0.71	0.91				

XP16-048-230-05 - CBX32M-048 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	1380	49	2.89	0.75	0.89	1	46.5	3.22	0.76	0.91	1	43.5	3.64	0.78	0.94	1	40.5	4.12	0.81	0.97	1				
	1600	50.5	2.9	0.78	0.93	1	47.5	3.24	0.8	0.96	1	45	3.65	0.82	0.98	1	42	4.14	0.85	1	1				
	1800	51.5	2.91	0.81	0.97	1	49	3.25	0.83	0.99	1	46	3.65	0.86	1	1	43.5	4.14	0.89	1	1				
67°F	1380	51.5	2.91	0.59	0.72	0.85	49	3.25	0.6	0.74	0.87	46.5	3.65	0.61	0.76	0.9	43	4.13	0.63	0.78	0.94				
	1600	53.5	2.92	0.61	0.75	0.9	50.5	3.26	0.62	0.77	0.92	47.5	3.66	0.63	0.8	0.95	44.5	4.14	0.65	0.83	0.99				
	1800	54.5	2.93	0.63	0.78	0.94	51.5	3.26	0.64	0.81	0.97	49	3.67	0.65	0.83	0.99	45.5	4.15	0.67	0.87	1				
71°F	1380	54.5	2.93	0.45	0.57	0.7	52	3.27	0.45	0.58	0.71	49	3.67	0.45	0.6	0.73	46	4.15	0.46	0.61	0.76				
	1600	56	2.94	0.46	0.59	0.73	53.5	3.28	0.46	0.61	0.75	50.5	3.68	0.46	0.62	0.77	47	4.16	0.47	0.64	0.8				
	1800	57.5	2.95	0.46	0.62	0.76	54.5	3.28	0.47	0.63	0.78	51.5	3.68	0.47	0.64	0.81	48	4.17	0.48	0.66	0.84				

XP16-048-230-05 - CBX32M-048 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1380	40.1	2.28	38	2.25	35.9	2.22	33.8	2.19
1380	40.1	2.28	38	2.25	35.9	2.22	33.8	2.19
1600	40.6	2.18	38.5	2.15	36.4	2.12	34.3	2.09

XP16-048-230-05 - CBX32M-048 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1380	54.5	3.7	43	3.31	30.8	2.92	23	2.48	11.4	1.87
1600	55.1	3.56	43.6	3.17	31.4	2.78	23.6	2.34	12	1.73
1800	55.8	3.47	44.3	3.09	32.1	2.69	24.4	2.26	12.7	1.65

XP16-048-230-05 - CBX32M-048

HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.56	55.1
60	3.46	52.5
55	3.36	49.9
50	3.27	47.3
47	3.21	45.7
45	3.17	43.6
40	3.06	38.3
35	2.96	32.9
30	2.87	32.2
25	2.78	31.4
20	2.68	30.6
17	2.63	30.2
15	2.59	29.1
10	2.49	26.5
5	2.34	23.6
0	2.19	20.7
-5	2.03	17.8
-10	1.88	14.9
-15	1.73	12
-20	1.58	9.1

XP16-048-230-05 - CBX32MV-048 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	930	36.2	1.73	0.73	0.86	0.99	34.6	2.01	0.74	0.88	1	32.6	2.32	0.76	0.91	1	30.6	2.69	0.78	0.94	1				
	1145	38	1.71	0.77	0.93	1	36.2	1.98	0.79	0.95	1	34.2	2.3	0.81	0.98	1	32	2.67	0.84	1	1				
	1315	39	1.7	0.81	0.97	1	37.4	1.97	0.83	0.99	1	35.4	2.28	0.85	1	1	33.4	2.63	0.89	1	1				
67°F	930	38.5	1.7	0.58	0.7	0.83	36.8	1.97	0.59	0.72	0.85	34.8	2.29	0.6	0.73	0.87	32.6	2.65	0.61	0.76	0.9				
	1145	40.5	1.68	0.61	0.75	0.89	38.5	1.95	0.61	0.76	0.91	36.4	2.26	0.63	0.79	0.94	34.2	2.62	0.64	0.81	0.98				
	1315	41.5	1.67	0.62	0.78	0.94	39.5	1.94	0.64	0.8	0.96	37.4	2.25	0.65	0.83	0.99	35	2.61	0.67	0.86	1				
71°F	930	41.1	1.68	0.44	0.56	0.68	39	1.95	0.44	0.57	0.69	37	2.26	0.45	0.58	0.71	34.8	2.62	0.45	0.59	0.73				
	1145	43	1.65	0.45	0.59	0.72	41	1.92	0.46	0.6	0.74	38.5	2.23	0.46	0.61	0.76	36.4	2.59	0.47	0.63	0.79				
	1315	44	1.64	0.46	0.61	0.76	42	1.91	0.47	0.62	0.78	40	2.21	0.47	0.64	0.8	37.2	2.57	0.48	0.66	0.83				

XP16-048-230-05 - CBX32MV-048 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	1375	48.5	2.89	0.75	0.88	1	46.5	3.22	0.76	0.91	1	43.5	3.64	0.78	0.94	1	40.5	4.12	0.81	0.97	1				
	1625	50.5	2.9	0.78	0.94	1	48	3.24	0.8	0.96	1	45	3.64	0.83	0.99	1	42	4.14	0.86	1	1				
	1805	51.5	2.91	0.81	0.97	1	49	3.25	0.83	0.99	1	46	3.65	0.86	1	1	43.5	4.13	0.89	1	1				
67°F	1375	51.5	2.91	0.59	0.72	0.85	49	3.25	0.6	0.74	0.87	46.5	3.65	0.61	0.76	0.9	43	4.13	0.63	0.78	0.94				
	1625	53.5	2.93	0.61	0.76	0.9	51	3.26	0.62	0.78	0.93	48	3.66	0.64	0.8	0.96	44.5	4.14	0.65	0.83	0.99				
	1805	54.5	2.93	0.63	0.79	0.94	51.5	3.26	0.64	0.81	0.97	49	3.67	0.66	0.83	0.99	45.5	4.15	0.68	0.87	1				
71°F	1375	54.5	2.93	0.45	0.57	0.7	52	3.27	0.45	0.58	0.71	49	3.67	0.45	0.6	0.73	46	4.16	0.46	0.61	0.76				
	1625	56.5	2.94	0.46	0.6	0.73	53.5	3.28	0.46	0.61	0.75	50.5	3.68	0.46	0.62	0.78	47	4.16	0.47	0.64	0.81				
	1805	57.5	2.95	0.46	0.62	0.76	54.5	3.28	0.47	0.63	0.78	51.5	3.69	0.47	0.64	0.81	48	4.17	0.48	0.66	0.84				

XP16-048-230-05 - CBX32MV-048 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
930	37.6	2.66	35.7	2.62	33.7	2.58	31.7	2.53
1145	38.6	2.45	36.6	2.4	34.7	2.36	32.7	2.32
1315	39	2.32	37	2.28	35	2.24	33.1	2.19

XP16-048-230-05 - CBX32MV-048 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1375	54	3.7	42.6	3.32	30.4	2.93	22.5	2.49	11	1.88
1625	54.8	3.54	43.3	3.16	31.2	2.77	23.3	2.33	11.8	1.72
1805	55.6	3.47	44.1	3.09	31.9	2.7	24.1	2.26	12.6	1.65

XP16-048-230-05 - CBX32MV-048

HEATING PERFORMANCE at 1625 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.54	54.8
60	3.45	52.2
55	3.35	49.6
50	3.25	47
47	3.2	45.4
45	3.16	43.3
40	3.06	38.1
35	2.96	32.8
30	2.87	32
25	2.77	31.2
20	2.68	30.3
17	2.62	29.8
15	2.58	28.8
10	2.49	26.2
5	2.33	23.3
0	2.18	20.4
-5	2.03	17.6
-10	1.88	14.7
-15	1.72	11.8
-20	1.57	8.9

XP16-048-230-05 - CBX32MV-060 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	975	36.6	1.73	0.74	0.87	0.99	35	2	0.75	0.89	1	33	2.31	0.77	0.92	1	31	2.67	0.79	0.95	1				
	1175	38.5	1.71	0.78	0.93	1	36.6	1.98	0.8	0.95	1	34.6	2.3	0.82	0.98	1	32.4	2.66	0.85	1	1				
	1315	39.5	1.7	0.8	0.96	1	37.4	1.97	0.82	0.99	1	35.4	2.28	0.85	1	1	33.4	2.63	0.88	1	1				
67°F	975	39	1.7	0.58	0.71	0.84	37	1.97	0.59	0.73	0.86	35	2.28	0.6	0.74	0.88	33	2.64	0.62	0.77	0.91				
	1175	40.5	1.68	0.61	0.75	0.89	38.5	1.95	0.62	0.77	0.92	36.6	2.26	0.63	0.79	0.94	34.2	2.62	0.65	0.82	0.98				
	1315	41.5	1.67	0.63	0.78	0.93	39.5	1.94	0.64	0.8	0.95	37.4	2.25	0.65	0.82	0.98	35	2.61	0.67	0.85	1				
71°F	975	41	1.67	0.45	0.57	0.69	39	1.94	0.45	0.58	0.7	37.2	2.25	0.45	0.59	0.72	35	2.6	0.46	0.6	0.74				
	1175	43	1.65	0.46	0.59	0.73	41	1.92	0.46	0.6	0.74	39	2.22	0.46	0.62	0.77	36.4	2.59	0.47	0.63	0.79				
	1315	44	1.64	0.46	0.61	0.76	42	1.91	0.47	0.62	0.77	39.5	2.21	0.47	0.64	0.8	37.2	2.57	0.48	0.66	0.83				

XP16-048-230-05 - CBX32MV-060 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1425	49.5	2.94	0.75	0.89	1	47	3.29	0.77	0.91	1	44	3.71	0.79	0.94	1	41	4.21	0.81	0.97	1				
	1690	51.5	2.95	0.79	0.94	1	48.5	3.3	0.81	0.96	1	45.5	3.72	0.83	0.99	1	43	4.23	0.86	1	1				
	1805	52	2.95	0.8	0.96	1	49	3.3	0.82	0.98	1	46.5	3.72	0.85	1	1	43.5	4.22	0.88	1	1				
67°F	1425	52.5	2.95	0.59	0.72	0.85	49.5	3.3	0.6	0.74	0.88	47	3.72	0.61	0.76	0.9	43.5	4.23	0.63	0.79	0.94				
	1690	54	2.96	0.61	0.76	0.9	51.5	3.31	0.62	0.78	0.93	48.5	3.74	0.64	0.81	0.96	45	4.24	0.66	0.84	0.99				
	1805	54.5	2.96	0.62	0.78	0.93	52	3.31	0.64	0.8	0.95	49	3.72	0.65	0.83	0.98	45.5	4.24	0.67	0.86	1				
71°F	1425	55	2.96	0.45	0.58	0.7	52.5	3.31	0.45	0.59	0.72	49.5	3.74	0.46	0.6	0.74	46	4.24	0.46	0.62	0.76				
	1690	57	2.97	0.46	0.6	0.74	54.5	3.32	0.46	0.61	0.76	51	3.73	0.47	0.63	0.78	47.5	4.24	0.48	0.65	0.81				
	1805	58	2.98	0.46	0.61	0.76	55	3.32	0.47	0.62	0.78	51.5	3.74	0.47	0.64	0.8	48	4.24	0.48	0.66	0.83				

XP16-048-230-05 - CBX32MV-060 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
975	37.9	2.54	35.8	2.49	33.7	2.44	31.7	2.39
1175	38.5	2.37	36.4	2.32	34.3	2.27	32.3	2.22
1315	39.2	2.28	37.1	2.23	35.1	2.18	33	2.13

XP16-048-230-05 - CBX32MV-060 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1425	53.5	3.39	42.1	3.08	29.9	2.76	22.3	2.42	10.8	1.81
1690	54.4	3.26	43	2.95	30.9	2.63	23.2	2.28	11.8	1.68
1805	54.9	3.23	43.5	2.91	31.4	2.59	23.8	2.25	12.3	1.64

XP16-048-230-05 - CBX32MV-060

HEATING PERFORMANCE at 1690 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.26	54.4
60	3.19	51.8
55	3.11	49.3
50	3.04	46.7
47	2.99	45.2
45	2.95	43
40	2.84	37.7
35	2.73	32.3
30	2.68	31.6
25	2.63	30.9
20	2.57	30.1
17	2.54	29.7
15	2.51	28.7
10	2.44	26.1
5	2.28	23.2
0	2.13	20.4
-5	1.98	17.5
-10	1.83	14.6
-15	1.68	11.8
-20	1.53	8.9

XP16-048-230-05 - CBX32MV-068 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	1010	36.6	1.73	0.74	0.87	1	35	2	0.75	0.89	1	33.2	2.32	0.77	0.92	1	31.2	2.68	0.8	0.95	1
	1115	37.6	1.71	0.75	0.9	1	36	1.99	0.77	0.92	1	34	2.3	0.8	0.95	1	31.8	2.66	0.82	0.99	1
	1300	39	1.7	0.79	0.94	1	37.2	1.97	0.81	0.97	1	35.2	2.28	0.83	1	1	33.2	2.64	0.87	1	1
67°F	1010	38.5	1.7	0.58	0.71	0.83	37	1.97	0.59	0.72	0.85	35.2	2.28	0.6	0.74	0.88	33.2	2.65	0.62	0.77	0.91
	1115	39.5	1.69	0.6	0.73	0.86	38	1.96	0.6	0.75	0.88	36	2.27	0.62	0.76	0.91	33.8	2.63	0.63	0.79	0.95
	1300	41	1.68	0.62	0.76	0.91	39	1.94	0.62	0.78	0.93	37.2	2.25	0.63	0.81	0.97	34.8	2.61	0.66	0.84	1
71°F	1010	41	1.68	0.45	0.57	0.69	39.5	1.94	0.45	0.57	0.7	37.4	2.25	0.45	0.58	0.71	35.2	2.61	0.46	0.6	0.74
	1115	42	1.66	0.45	0.58	0.7	40	1.93	0.46	0.59	0.72	38	2.24	0.46	0.59	0.74	36	2.6	0.47	0.62	0.77
	1300	43	1.65	0.46	0.6	0.73	41	1.92	0.46	0.61	0.75	39	2.22	0.47	0.63	0.78	37	2.58	0.48	0.64	0.81

XP16-048-230-05 - CBX32MV-068 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	1390	48.5	2.88	0.73	0.87	0.99	46.5	3.21	0.75	0.89	1	43.5	3.6	0.77	0.92	1	41	4.09	0.79	0.95	1
	1560	50	2.89	0.75	0.89	1	47.5	3.22	0.77	0.92	1	45	3.61	0.79	0.95	1	42	4.09	0.83	0.99	1
	1800	51.5	2.9	0.78	0.94	1	49	3.23	0.8	0.97	1	46	3.62	0.83	1	1	43.5	4.09	0.86	1	1
67°F	1390	51	2.89	0.58	0.71	0.83	49	3.23	0.59	0.73	0.85	46	3.62	0.6	0.74	0.88	43	4.11	0.62	0.77	0.91
	1560	52.5	2.9	0.6	0.73	0.86	50	3.23	0.61	0.75	0.89	47	3.63	0.62	0.77	0.92	44	4.11	0.64	0.8	0.96
	1800	54	2.92	0.62	0.76	0.9	51.5	3.25	0.63	0.78	0.93	48.5	3.64	0.64	0.8	0.96	45.5	4.12	0.65	0.84	1
71°F	1390	54	2.91	0.45	0.57	0.69	51.5	3.25	0.45	0.58	0.7	49	3.64	0.45	0.59	0.72	45.5	4.12	0.46	0.6	0.74
	1560	55.5	2.93	0.45	0.58	0.71	52.5	3.26	0.46	0.59	0.72	50	3.65	0.46	0.61	0.74	46.5	4.13	0.47	0.62	0.77
	1800	56	2.93	0.46	0.6	0.74	53.5	3.26	0.47	0.61	0.76	51	3.66	0.47	0.63	0.78	47.5	4.13	0.48	0.65	0.81

XP16-048-230-05 - CBX32MV-068 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1010	36	2.44	34.2	2.41	32.4	2.37	30.6	2.33
1115	36.6	2.35	34.8	2.31	33	2.28	31.1	2.24
1300	37.1	2.23	35.3	2.19	33.5	2.16	31.6	2.12

XP16-048-230-05 - CBX32MV-068 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1390	51.1	3.38	40.4	3.07	28.9	2.75	21.7	2.41	10.6	1.79
1560	51.9	3.28	41.1	2.97	29.6	2.66	22.4	2.31	11.3	1.7
1800	52.6	3.18	41.9	2.87	30.4	2.56	23.2	2.21	12.1	1.6

XP16-048-230-05 - CBX32MV-068 HEATING PERFORMANCE at 1560 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.28	51.9
60	3.21	49.4
55	3.13	47
50	3.06	44.6
47	3.01	43.1
45	2.97	41.1
40	2.87	36
35	2.76	31
30	2.71	30.3
25	2.66	29.6
20	2.6	29
17	2.57	28.6
15	2.54	27.6
10	2.47	25.2
5	2.31	22.4
0	2.16	19.6
-5	2	16.9
-10	1.85	14.1
-15	1.7	11.3
-20	1.54	8.6

XP16-048-230-05 - CBX40UHV-048 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	890	35.8	1.74	0.72	0.85	0.97	34.2	2.01	0.74	0.87	0.99	32.4	2.32	0.75	0.89	1	30.2	2.7	0.77	0.93	1
	1100	37.8	1.72	0.76	0.91	1	36	1.99	0.78	0.94	1	33.8	2.31	0.8	0.97	1	31.8	2.67	0.83	0.99	1
	1250	39	1.7	0.8	0.96	1	37	1.98	0.81	0.98	1	34.8	2.29	0.84	1	1	33	2.65	0.87	1	1
67°F	890	38	1.71	0.57	0.7	0.81	36.4	1.98	0.58	0.71	0.83	34.4	2.29	0.59	0.73	0.86	32.4	2.66	0.6	0.75	0.89
	1100	40	1.69	0.6	0.74	0.88	38.5	1.96	0.61	0.76	0.9	36.2	2.27	0.62	0.78	0.93	33.8	2.63	0.64	0.8	0.96
	1250	41	1.67	0.62	0.77	0.92	39.5	1.94	0.63	0.79	0.94	37.2	2.25	0.64	0.81	0.97	34.6	2.62	0.66	0.84	1
71°F	890	40.5	1.68	0.44	0.56	0.67	38.5	1.95	0.44	0.56	0.68	36.6	2.26	0.45	0.57	0.7	34.4	2.63	0.45	0.59	0.72
	1100	42.5	1.66	0.45	0.58	0.71	40.5	1.93	0.45	0.59	0.73	38.5	2.24	0.46	0.61	0.75	36	2.59	0.46	0.62	0.78
	1250	43.5	1.64	0.46	0.6	0.74	41.5	1.91	0.46	0.61	0.76	39.5	2.22	0.47	0.63	0.79	37	2.57	0.47	0.65	0.81

XP16-048-230-05 - CBX40UHV-048 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	1375	48.5	2.89	0.75	0.88	1	46.5	3.22	0.76	0.91	1	43.5	3.64	0.78	0.94	1	40.5	4.12	0.81	0.97	1
	1625	50.5	2.9	0.78	0.94	1	48	3.24	0.8	0.96	1	45	3.64	0.83	0.99	1	42	4.14	0.86	1	1
	1805	51.5	2.91	0.81	0.97	1	49	3.25	0.83	0.99	1	46	3.65	0.86	1	1	43.5	4.13	0.89	1	1
67°F	1375	51.5	2.91	0.59	0.72	0.85	49	3.25	0.6	0.74	0.87	46.5	3.65	0.61	0.76	0.9	43	4.13	0.63	0.78	0.94
	1625	53.5	2.93	0.61	0.76	0.9	51	3.26	0.62	0.78	0.93	48	3.66	0.64	0.8	0.96	44.5	4.14	0.65	0.83	0.99
	1805	54.5	2.93	0.63	0.79	0.94	51.5	3.26	0.64	0.81	0.97	49	3.67	0.66	0.83	0.99	45.5	4.15	0.68	0.87	1
71°F	1375	54.5	2.93	0.45	0.57	0.7	52	3.27	0.45	0.58	0.71	49	3.67	0.45	0.6	0.73	46	4.16	0.46	0.61	0.76
	1625	56.5	2.94	0.46	0.6	0.73	53.5	3.28	0.46	0.61	0.75	50.5	3.68	0.46	0.62	0.78	47	4.16	0.47	0.64	0.81
	1805	57.5	2.95	0.46	0.62	0.76	54.5	3.28	0.47	0.63	0.78	51.5	3.69	0.47	0.64	0.81	48	4.17	0.48	0.66	0.84

XP16-048-230-05 - CBX40UHV-048 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
890	37.6	2.72	35.7	2.67	33.7	2.63	31.7	2.58
1100	38.3	2.48	36.4	2.44	34.4	2.39	32.4	2.35
1250	39.1	2.37	37.2	2.32	35.2	2.28	33.2	2.23

XP16-048-230-05 - CBX40UHV-048 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1375	54	3.7	42.5	3.32	30.3	2.93	22.5	2.49	10.9	1.88
1625	55	3.54	43.5	3.16	31.3	2.77	23.5	2.33	11.9	1.72
1805	55.6	3.47	44.1	3.09	31.9	2.7	24	2.26	12.5	1.65

XP16-048-230-05 - CBX40UHV-048

HEATING PERFORMANCE at 1625 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.54	55
60	3.45	52.4
55	3.35	49.8
50	3.25	47.2
47	3.2	45.6
45	3.16	43.5
40	3.06	38.3
35	2.96	33
30	2.87	32.2
25	2.77	31.3
20	2.68	30.5
17	2.62	30
15	2.58	29
10	2.49	26.4
5	2.33	23.5
0	2.18	20.6
-5	2.03	17.7
-10	1.88	14.8
-15	1.72	11.9
-20	1.57	9

XP16-048-230-05 - CBX40UHV-060 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	930	36.2	1.73	0.73	0.86	0.98	34.6	2.01	0.74	0.88	1	32.6	2.33	0.76	0.9	1	30.6	2.68	0.78	0.94	1				
	1100	37.8	1.71	0.76	0.91	1	36	1.98	0.78	0.93	1	34	2.3	0.8	0.96	1	31.8	2.66	0.83	0.99	1				
	1250	39	1.7	0.79	0.95	1	37	1.97	0.81	0.97	1	35	2.28	0.83	1	1	33	2.64	0.86	1	1				
67°F	930	38.5	1.7	0.58	0.7	0.82	36.6	1.98	0.59	0.72	0.84	34.8	2.29	0.6	0.73	0.87	32.6	2.65	0.61	0.76	0.9				
	1100	40	1.69	0.6	0.74	0.87	38	1.96	0.61	0.75	0.89	36	2.26	0.62	0.77	0.92	33.8	2.63	0.63	0.8	0.95				
	1250	41	1.68	0.62	0.77	0.91	39	1.94	0.63	0.79	0.94	37	2.26	0.64	0.81	0.97	34.6	2.61	0.66	0.84	0.99				
71°F	930	40.5	1.68	0.44	0.56	0.68	39	1.95	0.45	0.57	0.69	36.8	2.25	0.45	0.58	0.71	34.6	2.62	0.45	0.59	0.73				
	1100	42.5	1.66	0.45	0.58	0.71	40.5	1.93	0.46	0.59	0.73	38	2.23	0.46	0.61	0.75	35.8	2.59	0.46	0.62	0.77				
	1250	43.5	1.65	0.46	0.6	0.74	41.5	1.91	0.46	0.61	0.76	39.5	2.22	0.47	0.63	0.78	36.8	2.58	0.48	0.65	0.81				

XP16-048-230-05 - CBX40UHV-060 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1425	49.5	2.94	0.75	0.89	1	47	3.29	0.77	0.91	1	44	3.71	0.79	0.94	1	41	4.21	0.81	0.97	1				
	1625	51	2.95	0.78	0.93	1	48	3.3	0.8	0.95	1	45.5	3.72	0.82	0.98	1	42.5	4.22	0.85	1	1				
	1805	52	2.95	0.8	0.96	1	49	3.3	0.82	0.98	1	46.5	3.72	0.85	1	1	43.5	4.22	0.88	1	1				
67°F	1425	52.5	2.95	0.59	0.72	0.85	49.5	3.3	0.6	0.74	0.88	47	3.72	0.61	0.76	0.9	43.5	4.23	0.63	0.79	0.94				
	1625	53.5	2.96	0.61	0.75	0.89	51	3.31	0.62	0.77	0.92	48	3.73	0.63	0.8	0.95	44.5	4.24	0.65	0.83	0.98				
	1805	54.5	2.96	0.62	0.78	0.93	52	3.31	0.64	0.8	0.95	49	3.72	0.65	0.83	0.98	45.5	4.24	0.67	0.86	1				
71°F	1425	55	2.96	0.45	0.58	0.7	52.5	3.31	0.45	0.59	0.72	49.5	3.74	0.46	0.6	0.74	46	4.24	0.46	0.62	0.76				
	1625	56.5	2.98	0.45	0.59	0.73	54	3.33	0.46	0.61	0.75	51	3.73	0.47	0.62	0.77	47.5	4.24	0.47	0.64	0.8				
	1805	58	2.98	0.46	0.61	0.76	55	3.32	0.47	0.62	0.78	51.5	3.74	0.47	0.64	0.8	48	4.24	0.48	0.66	0.83				

XP16-048-230-05 - CBX40UHV-060 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
930	37.7	2.6	35.7	2.54	33.7	2.48	31.8	2.43
1100	38	2.43	36.1	2.37	34.1	2.31	32.1	2.26
1250	38.4	2.31	36.5	2.26	34.5	2.2	32.5	2.14

XP16-048-230-05 - CBX40UHV-060 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1425	53.5	3.4	42.1	3.08	30	2.75	22.5	2.4	11.1	1.79
1625	54.2	3.3	42.8	2.97	30.7	2.64	23.1	2.3	11.7	1.69
1805	54.9	3.24	43.5	2.91	31.4	2.58	23.8	2.23	12.4	1.63

XP16-048-230-05 - CBX40UHV-060 HEATING PERFORMANCE at 1625 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.3	54.2
60	3.22	51.6
55	3.14	49
50	3.07	46.5
47	3.02	44.9
45	2.97	42.8
40	2.86	37.5
35	2.75	32.1
30	2.7	31.4
25	2.64	30.7
20	2.59	30
17	2.56	29.6
15	2.52	28.5
10	2.45	26
5	2.3	23.1
0	2.14	20.3
-5	1.99	17.4
-10	1.84	14.6
-15	1.69	11.7
-20	1.53	8.9

XP16-048-230-05 - CH23-68 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	1050	37.6	1.72	0.76	0.9	1	35.8	1.99	0.78	0.92	1	33.8	2.31	0.8	0.95	1	31.8	2.66	0.83	0.98	1
	1200	39	1.7	0.79	0.94	1	37	1.98	0.81	0.97	1	35	2.29	0.84	0.99	1	33.2	2.84	0.87	1	1
	1350	40	1.69	0.82	0.98	1	38	1.96	0.85	1	1	36.4	2.27	0.87	1	1	34.4	2.62	0.91	1	1
67°F	1050	40	1.69	0.61	0.74	0.86	38.5	1.96	0.62	0.75	0.89	36.2	2.27	0.63	0.77	0.92	34	2.63	0.65	0.8	0.95
	1200	41.5	1.67	0.63	0.77	0.91	39.5	1.94	0.64	0.79	0.93	37.2	2.25	0.65	0.81	0.96	34.8	2.62	0.67	0.84	0.99
	1350	42.5	1.66	0.64	0.8	0.95	40.5	1.93	0.66	0.82	0.97	38	2.24	0.67	0.85	1	35.6	2.6	0.7	0.88	1
71°F	1050	42.5	1.65	0.46	0.59	0.71	41	1.93	0.47	0.6	0.73	38.5	2.23	0.47	0.61	0.75	36.4	2.59	0.48	0.63	0.77
	1200	44	1.64	0.48	0.61	0.74	42	1.9	0.48	0.62	0.76	40	2.21	0.48	0.64	0.78	37.2	2.57	0.49	0.66	0.81
	1350	45	1.63	0.48	0.63	0.77	43	1.89	0.49	0.64	0.8	40.5	2.2	0.49	0.66	0.82	38	2.55	0.5	0.68	0.86

XP16-048-230-05 - CH23-68 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	1400	49	2.99	0.76	0.9	1	46.5	3.31	0.78	0.92	1	44	3.69	0.8	0.95	1	41	4.16	0.83	0.98	1
	1600	50	3.01	0.79	0.94	1	48	3.33	0.81	0.97	1	45.5	3.71	0.84	0.99	1	42.5	4.18	0.87	1	1
	1800	51.5	3.03	0.83	0.98	1	49	3.34	0.85	1	1	46.5	3.73	0.87	1	1	44	4.19	0.91	1	1
67°F	1400	51.5	3.03	0.61	0.74	0.87	49.5	3.35	0.62	0.76	0.89	46.5	3.73	0.63	0.78	0.92	43.5	4.19	0.65	0.8	0.95
	1600	53	3.05	0.63	0.77	0.91	50.5	3.37	0.64	0.79	0.94	48	3.75	0.65	0.81	0.96	44.5	4.2	0.67	0.85	0.99
	1800	54.5	3.06	0.65	0.8	0.95	51.5	3.38	0.66	0.82	0.97	49	3.76	0.68	0.85	1	45.5	4.22	0.7	0.89	1
71°F	1400	55	3.07	0.47	0.59	0.71	52.5	3.39	0.47	0.6	0.73	49.5	3.77	0.48	0.62	0.75	46.5	4.23	0.48	0.63	0.78
	1600	56.5	3.09	0.47	0.61	0.75	53.5	3.41	0.48	0.63	0.77	51	3.78	0.49	0.64	0.79	47.5	4.24	0.49	0.66	0.82
	1800	57.5	3.1	0.48	0.63	0.78	55	3.42	0.49	0.65	0.8	52	3.8	0.5	0.66	0.83	48.5	4.25	0.51	0.69	0.86

XP16-048-230-05 - CH23-68 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1050	39.4	2.4	37.3	2.37	35.3	2.33	33.2	2.3
1200	40.2	2.29	38.1	2.25	36.1	2.22	34	2.19
1350	40.5	2.2	38.4	2.17	36.3	2.13	34.2	2.1

XP16-048-230-05 - CH23-68 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1400	55.3	3.33	43.7	3.04	31.3	2.75	23.5	2.41	11.6	1.8
1600	55.9	3.22	44.3	2.94	32	2.64	24.1	2.31	12.2	1.69
1800	56.5	3.15	44.9	2.86	32.5	2.57	24.7	2.23	12.8	1.62

XP16-048-230-05 - CH23-68 HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.22	55.9
60	3.15	53.3
55	3.09	50.7
50	3.02	48.1
47	2.98	46.5
45	2.94	44.3
40	2.84	38.9
35	2.74	33.4
30	2.69	32.7
25	2.64	32
20	2.59	31.2
17	2.56	30.8
15	2.53	29.7
10	2.46	27.1
5	2.31	24.1
0	2.16	21.2
-5	2	18.2
-10	1.85	15.2
-15	1.69	12.2
-20	1.54	9.2

XP16-048-230-05 - CH23-68 + SL280UH135V60D - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	965	36.6	1.73	0.74	0.87	0.99	35	2	0.75	0.89	1	33	2.32	0.77	0.92	1	31	2.68	0.8	0.95	1				
	1120	38	1.71	0.77	0.91	1	36.2	1.99	0.79	0.94	1	34.2	2.3	0.81	0.96	1	32.2	2.67	0.84	1	1				
	1325	39.5	1.7	0.81	0.97	1	37.6	1.97	0.83	0.99	1	35.8	2.27	0.86	1	1	34	2.63	0.89	1	1				
67°F	965	39	1.7	0.59	0.71	0.83	37.2	1.97	0.6	0.73	0.85	35.4	2.28	0.6	0.74	0.88	33	2.65	0.62	0.77	0.91				
	1120	40.5	1.68	0.61	0.74	0.88	38.5	1.95	0.61	0.76	0.9	36.6	2.26	0.63	0.78	0.93	34.2	2.62	0.64	0.81	0.96				
	1325	42	1.66	0.63	0.79	0.93	40	1.93	0.64	0.81	0.96	37.8	2.24	0.66	0.83	0.99	35.4	2.6	0.68	0.86	1				
71°F	965	41.5	1.67	0.45	0.57	0.68	40	1.94	0.45	0.58	0.7	37.8	2.24	0.46	0.59	0.72	35.4	2.6	0.45	0.6	0.74				
	1120	43	1.65	0.46	0.59	0.72	41	1.92	0.46	0.6	0.73	39	2.22	0.46	0.61	0.75	36.6	2.58	0.47	0.63	0.78				
	1325	44.5	1.63	0.47	0.62	0.76	42.5	1.9	0.48	0.63	0.78	40.5	2.2	0.48	0.65	0.81	37.6	2.55	0.49	0.67	0.84				

XP16-048-230-05 - CH23-68 + SL280UH135V60D - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	1420	49	2.99	0.76	0.9	1	46.5	3.31	0.78	0.92	1	44	3.69	0.8	0.95	1	41	4.16	0.82	0.98	1				
	1600	50	3.01	0.79	0.94	1	47.5	3.33	0.81	0.96	1	45	3.71	0.83	0.99	1	42.5	4.17	0.86	1	1				
	1840	51.5	3.03	0.83	0.98	1	49	3.35	0.85	1	1	47	3.73	0.88	1	1	44	4.19	0.91	1	1				
67°F	1420	51.5	3.03	0.6	0.73	0.87	49.5	3.35	0.61	0.75	0.89	46.5	3.73	0.62	0.77	0.92	43.5	4.19	0.64	0.8	0.95				
	1600	53	3.05	0.62	0.76	0.9	50.5	3.37	0.63	0.78	0.93	47.5	3.74	0.65	0.81	0.96	44.5	4.2	0.66	0.84	0.99				
	1840	54.5	3.07	0.65	0.8	0.95	52	3.38	0.66	0.83	0.98	49	3.76	0.67	0.85	1	45.5	4.21	0.7	0.89	1				
71°F	1420	55	3.07	0.46	0.59	0.71	52.5	3.39	0.46	0.6	0.73	49.5	3.77	0.47	0.61	0.75	46.5	4.23	0.47	0.63	0.77				
	1600	56.5	3.09	0.47	0.61	0.74	53.5	3.41	0.47	0.62	0.76	50.5	3.78	0.48	0.63	0.78	47.5	4.24	0.49	0.65	0.81				
	1840	57.5	3.1	0.48	0.63	0.78	55	3.42	0.49	0.65	0.8	52	3.8	0.49	0.66	0.83	48.5	4.26	0.5	0.69	0.86				

XP16-048-230-05 - CH23-68 + SL280UH135V60D - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
964	38.5	2.47	36.4	2.43	34.3	2.39	32.3	2.36
1122	39.1	2.32	37.1	2.29	35	2.25	32.9	2.21
1325	39.7	2.2	37.6	2.16	35.5	2.12	33.5	2.09

XP16-048-230-05 - CH23-68 + SL280UH135V60D - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1420	54.7	3.3	43	3.01	30.7	2.72	22.8	2.38	11.3	1.77
1600	55.3	3.21	43.7	2.92	31.3	2.63	23.5	2.3	11.9	1.68
1840	56.1	3.13	44.5	2.84	32.1	2.54	24.3	2.21	12.7	1.6

XP16-048-230-05 - CH23-68 + SL280UH135V60D HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.21	55.3
60	3.14	52.7
55	3.07	50.1
50	3	47.4
47	2.96	45.9
45	2.92	43.7
40	2.83	38.3
35	2.73	32.9
30	2.68	32.1
25	2.63	31.3
20	2.58	30.5
17	2.55	30.1
15	2.52	29
10	2.45	26.4
5	2.3	23.5
0	2.14	20.6
-5	1.99	17.7
-10	1.84	14.8
-15	1.68	11.9
-20	1.53	9

XP16-048-230-05 - CH23-68 + SLP98UH135V60D - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	960	36.6	1.73	0.74	0.87	0.99	35	2	0.75	0.89	1	33	2.32	0.77	0.91	1	31	2.68	0.8	0.95	1				
	1095	37.8	1.71	0.76	0.9	1	36	1.99	0.78	0.93	1	34	2.3	0.8	0.96	1	32	2.67	0.83	0.99	1				
	1290	39	1.7	0.8	0.96	1	37.4	1.97	0.82	0.98	1	35.6	2.28	0.85	1	1	33.6	2.64	0.88	1	1				
67°F	960	39	1.7	0.59	0.71	0.83	37.2	1.97	0.6	0.72	0.85	35.4	2.28	0.6	0.74	0.88	33	2.65	0.62	0.77	0.91				
	1095	40.5	1.69	0.6	0.74	0.87	38.5	1.96	0.61	0.75	0.89	36.4	2.27	0.62	0.78	0.92	34	2.63	0.64	0.8	0.95				
	1290	41.5	1.67	0.63	0.78	0.92	40	1.93	0.64	0.8	0.95	37.6	2.25	0.65	0.82	0.98	35.2	2.6	0.67	0.85	1				
71°F	960	41.5	1.67	0.45	0.57	0.68	39.5	1.94	0.45	0.58	0.7	37.8	2.24	0.46	0.59	0.72	35.4	2.6	0.46	0.6	0.74				
	1095	43	1.65	0.46	0.59	0.71	41	1.92	0.46	0.6	0.73	39	2.23	0.46	0.61	0.75	36.4	2.59	0.47	0.62	0.77				
	1290	44.5	1.63	0.47	0.61	0.75	42.5	1.9	0.47	0.63	0.77	40	2.21	0.48	0.64	0.8	37.6	2.57	0.49	0.66	0.83				

XP16-048-230-05 - CH23-68 + SLP98UH135V60D - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1445	49	3	0.76	0.9	1	46.5	3.31	0.78	0.93	1	44	3.7	0.8	0.96	1	41.5	4.16	0.83	0.99	1				
	1615	50	3.01	0.79	0.94	1	47.5	3.33	0.81	0.96	1	45	3.71	0.83	0.99	1	42.5	4.18	0.87	1	1				
	1805	51	3.02	0.82	0.98	1	49	3.34	0.84	1	1	46.5	3.73	0.87	1	1	44	4.19	0.91	1	1				
67°F	1445	52	3.03	0.61	0.74	0.87	49.5	3.35	0.62	0.76	0.89	46.5	3.73	0.63	0.78	0.92	44	4.19	0.64	0.8	0.96				
	1615	53	3.05	0.62	0.77	0.91	50.5	3.37	0.63	0.79	0.93	48	3.74	0.65	0.81	0.96	44.5	4.2	0.67	0.84	0.99				
	1805	54.5	3.06	0.64	0.8	0.95	51.5	3.38	0.66	0.82	0.97	48.5	3.76	0.67	0.85	1	45.5	4.22	0.69	0.88	1				
71°F	1445	55	3.07	0.46	0.59	0.72	52.5	3.39	0.47	0.6	0.73	49.5	3.77	0.47	0.61	0.75	46.5	4.23	0.47	0.63	0.78				
	1615	56.5	3.09	0.47	0.61	0.74	53.5	3.41	0.47	0.62	0.76	51	3.78	0.48	0.64	0.79	47.5	4.24	0.49	0.65	0.82				
	1805	57.5	3.1	0.48	0.63	0.78	55	3.42	0.49	0.64	0.8	52	3.8	0.49	0.66	0.82	48.5	4.25	0.5	0.68	0.86				

XP16-048-230-05 - CH23-68 + SLP98UH135V60D - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
960	38.5	2.47	36.4	2.43	34.4	2.39	32.3	2.35
1094	38.9	2.35	36.8	2.31	34.8	2.27	32.7	2.23
1290	39.5	2.22	37.5	2.18	35.4	2.14	33.4	2.1

XP16-048-230-05 - CH23-68 + SLP98UH135V60D - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1445	54.8	3.29	43.2	3	30.8	2.71	23	2.38	11.3	1.76
1616	55.4	3.2	43.8	2.92	31.4	2.63	23.6	2.29	11.9	1.68
1805	56.1	3.14	44.4	2.85	32.1	2.56	24.2	2.23	12.6	1.61

XP16-048-230-05 - CH23-68 + SLP98UH135V60D HEATING PERFORMANCE at 1616 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.2	55.4
60	3.14	52.8
55	3.07	50.1
50	3	47.5
47	2.96	45.9
45	2.92	43.8
40	2.82	38.4
35	2.73	33
30	2.68	32.2
25	2.63	31.4
20	2.57	30.6
17	2.54	30.1
15	2.52	29.1
10	2.45	26.5
5	2.29	23.6
0	2.14	20.7
-5	1.99	17.7
-10	1.83	14.8
-15	1.68	11.9
-20	1.53	9

XP16-048-230-05 - CH33-49C-2F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1050	36.8	1.72	0.77	0.91	1	35.2	1.98	0.79	0.93	1	33.4	2.27	0.81	0.96	1	31.2	2.61	0.83	0.99	1				
	1200	38	1.71	0.8	0.95	1	36.2	1.97	0.82	0.98	1	34.4	2.26	0.85	1	1	32.4	2.6	0.87	1	1				
	1350	39	1.7	0.83	0.99	1	37.2	1.96	0.85	1	1	35.6	2.25	0.88	1	1	33.6	2.59	0.91	1	1				
67°F	1050	39	1.7	0.61	0.74	0.87	37.4	1.96	0.62	0.76	0.9	35.4	2.25	0.63	0.78	0.93	33.4	2.59	0.65	0.81	0.96				
	1200	40	1.69	0.63	0.78	0.92	38.5	1.95	0.64	0.8	0.94	36.4	2.24	0.66	0.82	0.97	34.2	2.58	0.67	0.85	1				
	1350	41	1.68	0.65	0.81	0.96	39.5	1.94	0.66	0.83	0.98	37.2	2.23	0.68	0.85	1	34.8	2.57	0.7	0.89	1				
71°F	1050	41	1.68	0.46	0.59	0.71	39.5	1.94	0.47	0.61	0.73	37.6	2.23	0.48	0.62	0.76	35.4	2.56	0.48	0.63	0.78				
	1200	42.5	1.67	0.48	0.62	0.75	40.5	1.93	0.48	0.63	0.77	38.5	2.22	0.49	0.64	0.79	36.2	2.55	0.5	0.66	0.82				
	1350	43	1.66	0.49	0.63	0.78	41.5	1.92	0.49	0.65	0.8	39.5	2.21	0.5	0.66	0.83	37	2.54	0.51	0.68	0.86				

XP16-048-230-05 - CH33-49C-2F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1400	47.5	3	0.76	0.91	1	45.5	3.32	0.78	0.93	1	43	3.68	0.81	0.96	1	40	4.13	0.83	0.99	1				
	1600	49	3.02	0.8	0.95	1	46.5	3.33	0.82	0.97	1	44	3.7	0.84	1	1	41.5	4.15	0.87	1	1				
	1800	50	3.04	0.83	0.99	1	47.5	3.35	0.85	1	1	45.5	3.72	0.88	1	1	43	4.17	0.91	1	1				
67°F	1400	50	3.04	0.62	0.74	0.87	48	3.35	0.62	0.76	0.9	45.5	3.72	0.64	0.78	0.93	42.5	4.16	0.65	0.81	0.96				
	1600	51.5	3.06	0.63	0.78	0.92	49	3.37	0.65	0.8	0.94	46.5	3.74	0.66	0.82	0.97	43.5	4.18	0.68	0.85	1				
	1800	52.5	3.08	0.65	0.8	0.96	50	3.39	0.66	0.83	0.98	47.5	3.76	0.68	0.85	1	44	4.2	0.7	0.89	1				
71°F	1400	52.5	3.08	0.47	0.6	0.72	50.5	3.39	0.47	0.6	0.73	48	3.76	0.48	0.62	0.76	45	4.21	0.49	0.64	0.78				
	1600	54	3.1	0.48	0.61	0.75	51.5	3.41	0.48	0.63	0.77	49	3.78	0.49	0.64	0.79	46	4.22	0.5	0.66	0.82				
	1800	55	3.11	0.49	0.64	0.78	52.5	3.42	0.5	0.65	0.8	50	3.79	0.5	0.67	0.83	46.5	4.24	0.51	0.69	0.86				

XP16-048-230-05 - CH33-49C-2F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1050	37.3	2.67	35.2	2.62	33.1	2.56	31	2.51
1200	37.9	2.55	35.8	2.49	33.7	2.43	31.6	2.38
1350	38.4	2.44	36.4	2.39	34.3	2.33	32.2	2.28

XP16-048-230-05 - CH33-49C-2F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1400	53.1	3.84	41.5	3.41	29.1	2.97	21.5	2.55	10.6	1.92
1600	53.8	3.71	42.2	3.28	29.9	2.83	22.2	2.42	11.3	1.79
1800	54.3	3.6	42.7	3.17	30.4	2.73	22.7	2.31	11.8	1.68

XP16-048-230-05 - CH33-49C-2F

HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.71	53.8
60	3.61	51.2
55	3.5	48.6
50	3.4	46
47	3.34	44.4
45	3.28	42.2
40	3.13	36.8
35	2.97	31.4
30	2.9	30.6
25	2.83	29.9
20	2.76	29.1
17	2.72	28.6
15	2.68	27.6
10	2.57	25
5	2.42	22.2
0	2.26	19.5
-5	2.1	16.8
-10	1.95	14
-15	1.79	11.3
-20	1.63	8.6

XP16-048-230-05 - CH33-49C-2F + EL296UH110V48C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F	75°F	80°F	85°F	
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1010	36.4	1.72	0.75	0.89	1	34.8	1.98	0.77	0.91	1	32.8	2.28	0.79	0.94	1	30.8	2.62	0.81	0.98	1				
	1135	37.4	1.72	0.78	0.93	1	35.8	1.97	0.8	0.95	1	33.8	2.27	0.82	0.98	1	31.8	2.61	0.85	1	1				
	1235	38	1.71	0.8	0.96	1	36.4	1.97	0.82	0.98	1	34.4	2.26	0.85	1	1	32.6	2.6	0.88	1	1				
67°F	1010	38.5	1.71	0.6	0.72	0.86	37	1.96	0.61	0.75	0.88	35	2.25	0.62	0.76	0.91	32.8	2.59	0.63	0.79	0.94				
	1135	39.5	1.7	0.62	0.75	0.89	37.8	1.95	0.63	0.77	0.91	36	2.25	0.64	0.79	0.94	33.6	2.58	0.65	0.82	0.98				
	1235	40.5	1.69	0.63	0.78	0.92	38.5	1.95	0.64	0.79	0.95	36.6	2.24	0.66	0.82	0.98	34.2	2.58	0.67	0.85	1				
71°F	1010	40.5	1.69	0.46	0.58	0.7	39	1.94	0.46	0.59	0.71	37	2.23	0.47	0.6	0.74	35	2.57	0.47	0.62	0.76				
	1135	41.5	1.68	0.46	0.6	0.73	40	1.93	0.47	0.61	0.75	38	2.22	0.48	0.63	0.76	35.8	2.56	0.48	0.64	0.79				
	1235	42.5	1.67	0.48	0.62	0.75	40.5	1.92	0.48	0.63	0.77	38.5	2.22	0.49	0.64	0.79	36.4	2.55	0.49	0.66	0.82				

XP16-048-230-05 - CH33-49C-2F + EL296UH110V48C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F	75°F	80°F	85°F	
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1405	47.5	3	0.76	0.9	1	45.5	3.31	0.78	0.93	1	43	3.68	0.8	0.96	1	40	4.12	0.83	0.99	1				
	1565	48.5	3.02	0.79	0.94	1	46.5	3.33	0.81	0.97	1	44	3.7	0.83	0.99	1	41	4.14	0.86	1	1				
	1760	50	3.04	0.82	0.98	1	47.5	3.35	0.84	1	1	45	3.72	0.87	1	1	42.5	4.16	0.9	1	1				
67°F	1405	50	3.04	0.61	0.74	0.87	48	3.35	0.61	0.75	0.89	45.5	3.72	0.63	0.78	0.92	42.5	4.16	0.65	0.81	0.96				
	1565	51	3.05	0.62	0.77	0.91	49	3.37	0.64	0.79	0.93	46	3.74	0.65	0.81	0.96	43.5	4.18	0.67	0.84	0.99				
	1760	52.5	3.07	0.65	0.8	0.95	50	3.38	0.66	0.82	0.97	47	3.75	0.67	0.84	1	44	4.19	0.69	0.88	1				
71°F	1405	52.5	3.08	0.46	0.6	0.72	50.5	3.39	0.46	0.6	0.73	48	3.76	0.47	0.62	0.75	45	4.21	0.48	0.63	0.78				
	1565	53.5	3.09	0.47	0.6	0.74	51.5	3.41	0.47	0.62	0.76	49	3.78	0.48	0.64	0.78	45.5	4.22	0.49	0.66	0.81				
	1760	55	3.11	0.48	0.63	0.77	52.5	3.42	0.49	0.65	0.8	49.5	3.79	0.5	0.66	0.82	46.5	4.23	0.51	0.68	0.85				

XP16-048-230-05 - CH33-49C-2F + EL296UH110V48C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1010	36.7	2.7	34.6	2.64	32.5	2.58	30.4	2.53
1135	37.2	2.58	35.1	2.52	33	2.46	30.9	2.41
1235	37.5	2.51	35.4	2.45	33.3	2.39	31.2	2.34

XP16-048-230-05 - CH33-49C-2F + EL296UH110V48C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1405	52.7	3.83	41.1	3.4	28.9	2.95	21.2	2.53	10.5	1.9
1565	53.3	3.73	41.8	3.29	29.5	2.84	21.9	2.42	11.1	1.79
1760	54.1	3.63	42.6	3.19	30.3	2.74	22.7	2.32	11.9	1.69

XP16-048-230-05 - CH33-49C-2F + EL296UH110V48C HEATING PERFORMANCE at 1565 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.73	53.3
60	3.62	50.7
55	3.52	48.1
50	3.41	45.5
47	3.35	43.9
45	3.29	41.8
40	3.14	36.4
35	2.98	31.1
30	2.91	30.3
25	2.84	29.5
20	2.77	28.7
17	2.72	28.2
15	2.68	27.2
10	2.58	24.6
5	2.42	21.9
0	2.26	19.2
-5	2.11	16.5
-10	1.95	13.8
-15	1.79	11.1
-20	1.63	8.5

XP16-048-230-05 - CH33-49C-2F + SL280UH090V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	1005	36.4	1.72	0.75	0.89	1	34.8	1.98	0.77	0.91	1	32.8	2.28	0.79	0.94	1	30.8	2.62	0.81	0.97	1				
	1100	37.2	1.72	0.77	0.92	1	35.4	1.98	0.79	0.94	1	33.6	2.27	0.81	0.97	1	31.4	2.61	0.84	1	1				
	1275	38.5	1.71	0.81	0.97	1	36.6	1.96	0.83	0.99	1	34.8	2.26	0.86	1	1	33	2.59	0.89	1	1				
67°F	1005	38.5	1.71	0.6	0.72	0.85	37	1.96	0.61	0.74	0.87	35	2.26	0.62	0.76	0.9	32.8	2.59	0.63	0.79	0.93				
	1100	39.5	1.7	0.61	0.75	0.88	37.6	1.96	0.62	0.76	0.9	35.6	2.25	0.63	0.78	0.93	33.4	2.59	0.65	0.81	0.97				
	1275	40.5	1.69	0.64	0.79	0.93	38.5	1.94	0.65	0.81	0.96	36.6	2.24	0.66	0.83	0.99	34.4	2.58	0.68	0.86	1				
71°F	1005	40.5	1.69	0.45	0.58	0.7	39	1.94	0.46	0.59	0.72	37	2.23	0.47	0.6	0.74	35	2.57	0.47	0.62	0.76				
	1100	41.5	1.68	0.46	0.59	0.72	39.5	1.93	0.47	0.61	0.74	37.8	2.23	0.47	0.62	0.76	35.6	2.56	0.48	0.63	0.78				
	1275	42.5	1.67	0.47	0.62	0.76	41	1.92	0.48	0.63	0.78	39	2.21	0.49	0.65	0.8	36.6	2.55	0.49	0.66	0.83				

XP16-048-230-05 - CH33-49C-2F + SL280UH090V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	1440	48	3.01	0.77	0.91	1	45.5	3.32	0.79	0.93	1	43	3.69	0.81	0.96	1	40	4.12	0.84	1	1				
	1595	48.5	3.02	0.79	0.95	1	46.5	3.33	0.81	0.97	1	44	3.7	0.84	1	1	41.5	4.15	0.87	1	1				
	1815	50	3.04	0.83	0.99	1	47.5	3.35	0.85	1	1	45.5	3.72	0.88	1	1	43	4.17	0.91	1	1				
67°F	1440	50.5	3.04	0.61	0.74	0.88	48	3.36	0.62	0.76	0.9	45.5	3.73	0.63	0.78	0.93	42.5	4.17	0.65	0.81	0.96				
	1595	51.5	3.06	0.63	0.77	0.91	49	3.37	0.64	0.79	0.94	46.5	3.74	0.65	0.81	0.97	43.5	4.18	0.67	0.84	1				
	1815	52.5	3.08	0.65	0.81	0.96	50	3.39	0.66	0.83	0.98	47.5	3.76	0.68	0.85	1	44.5	4.19	0.7	0.89	1				
71°F	1440	53	3.08	0.46	0.6	0.72	50.5	3.39	0.47	0.6	0.74	48	3.77	0.48	0.62	0.76	45	4.21	0.48	0.64	0.79				
	1595	54	3.1	0.47	0.6	0.75	51.5	3.41	0.48	0.63	0.76	49	3.78	0.49	0.64	0.79	46	4.22	0.49	0.66	0.82				
	1815	55	3.11	0.49	0.64	0.78	52.5	3.43	0.5	0.65	0.8	50	3.79	0.5	0.67	0.83	46.5	4.24	0.51	0.69	0.86				

XP16-048-230-05 - CH33-49C-2F + SL280UH090V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1005	36.6	2.7	34.5	2.64	32.4	2.59	30.4	2.53
1102	36.9	2.6	34.8	2.54	32.7	2.48	30.7	2.42
1275	37.4	2.48	35.3	2.42	33.2	2.36	31.2	2.31

XP16-048-230-05 - CH33-49C-2F + SL280UH090V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1440	52.8	3.8	41.1	3.37	28.8	2.92	21.2	2.51	10.5	1.88
1595	53.4	3.7	41.8	3.27	29.4	2.82	21.8	2.41	11.1	1.78
1815	54.2	3.59	42.5	3.16	30.2	2.71	22.6	2.3	11.9	1.67

**XP16-048-230-05 - CH33-49C-2F + SL280UH090V60C
HEATING PERFORMANCE at 1595 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.7	53.4
60	3.6	50.8
55	3.5	48.1
50	3.39	45.5
47	3.33	43.9
45	3.27	41.8
40	3.12	36.4
35	2.97	31
30	2.9	30.2
25	2.82	29.4
20	2.75	28.6
17	2.71	28.1
15	2.67	27.1
10	2.57	24.5
5	2.41	21.8
0	2.25	19.1
-5	2.1	16.4
-10	1.94	13.8
-15	1.78	11.1
-20	1.63	8.4

XP16-048-230-05 - CH33-49C-2F + SL280UH110V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	980	36.2	1.73	0.74	0.88	1	34.6	1.98	0.76	0.9	1	32.6	2.28	0.78	0.93	1	30.6	2.62	0.81	0.96	1				
	1075	37	1.72	0.77	0.91	1	35.2	1.98	0.79	0.93	1	33.4	2.27	0.8	0.96	1	31.2	2.61	0.83	0.99	1				
	1255	38.5	1.71	0.81	0.96	1	36.6	1.97	0.83	0.99	1	34.6	2.26	0.85	1	1	32.8	2.6	0.88	1	1				
67°F	980	38	1.71	0.59	0.72	0.84	36.6	1.96	0.6	0.74	0.87	34.8	2.26	0.62	0.76	0.89	32.6	2.6	0.63	0.78	0.93				
	1075	39	1.7	0.61	0.74	0.87	37.4	1.96	0.62	0.76	0.9	35.6	2.25	0.63	0.78	0.92	33.2	2.59	0.64	0.8	0.96				
	1255	40.5	1.69	0.64	0.78	0.93	38.5	1.95	0.65	0.8	0.95	36.6	2.24	0.66	0.82	0.98	34.4	2.58	0.68	0.86	1				
71°F	980	40.5	1.69	0.46	0.58	0.7	38.5	1.94	0.46	0.58	0.71	36.8	2.24	0.47	0.6	0.73	34.8	2.57	0.47	0.61	0.75				
	1075	41	1.68	0.46	0.59	0.71	39.5	1.94	0.47	0.6	0.73	37.6	2.23	0.47	0.62	0.75	35.4	2.56	0.48	0.63	0.78				
	1255	42.5	1.67	0.48	0.62	0.76	41	1.92	0.48	0.63	0.78	39	2.21	0.49	0.65	0.8	36.4	2.55	0.5	0.66	0.83				

XP16-048-230-05 - CH33-49C-2F + SL280UH110V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	1395	47.5	3	0.76	0.9	1	46	3.31	0.78	0.92	1	42.5	3.68	0.8	0.95	1	40	4.12	0.83	0.99	1				
	1565	48.5	3.02	0.79	0.94	1	45	3.33	0.81	0.97	1	44	3.7	0.83	0.99	1	41	4.14	0.86	1	1				
	1810	50	3.04	0.83	0.99	1	47.5	3.35	0.85	1	1	45.5	3.72	0.88	1	1	43	4.17	0.91	1	1				
67°F	1395	50	3.04	0.61	0.74	0.87	47.5	3.35	0.61	0.75	0.89	45	3.72	0.63	0.78	0.92	42.5	4.16	0.64	0.8	0.95				
	1565	51	3.05	0.62	0.77	0.9	49	3.37	0.64	0.79	0.93	46	3.74	0.65	0.81	0.96	43.5	4.18	0.67	0.84	0.99				
	1810	52.5	3.08	0.65	0.81	0.96	50	3.39	0.66	0.83	0.98	47.5	3.76	0.68	0.86	1	44.5	4.2	0.7	0.89	1				
71°F	1395	52.5	3.08	0.46	0.6	0.71	50.5	3.39	0.46	0.6	0.73	47.5	3.76	0.47	0.61	0.75	45	4.21	0.48	0.63	0.78				
	1565	53.5	3.09	0.47	0.6	0.74	51.5	3.41	0.47	0.62	0.76	49	3.78	0.48	0.64	0.78	45.5	4.22	0.49	0.65	0.81				
	1810	55	3.11	0.49	0.64	0.78	52.5	3.43	0.5	0.65	0.8	50	3.79	0.5	0.66	0.83	46.5	4.24	0.51	0.69	0.86				

XP16-048-230-05 - CH33-49C-2F + SL280UH110V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
979	36.5	2.73	34.4	2.67	32.3	2.6	30.3	2.54
1075	37	2.64	34.9	2.58	32.9	2.51	30.8	2.45
1255	37.6	2.5	35.5	2.44	33.4	2.37	31.4	2.31

XP16-048-230-05 - CH33-49C-2F + SL280UH110V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1395	52.6	3.84	41	3.4	28.8	2.95	21.2	2.53	10.5	1.91
1564	53.2	3.72	41.7	3.29	29.4	2.84	21.8	2.42	11.1	1.79
1810	54.3	3.6	42.7	3.16	30.5	2.71	22.8	2.3	12.1	1.67

XP16-048-230-05 - CH33-49C-2F + SL280UH110V60C HEATING PERFORMANCE at 1564 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.72	53.2
60	3.62	50.6
55	3.52	48
50	3.41	45.4
47	3.35	43.8
45	3.29	41.7
40	3.14	36.4
35	2.98	31
30	2.91	30.2
25	2.84	29.4
20	2.77	28.6
17	2.72	28.1
15	2.68	27.1
10	2.58	24.5
5	2.42	21.8
0	2.26	19.1
-5	2.1	16.5
-10	1.95	13.8
-15	1.79	11.1
-20	1.63	8.4

XP16-048-230-05 - CH33-49C-2F + SLP98UH090V48C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1005	36.4	1.72	0.75	0.89	1	34.8	1.98	0.77	0.91	1	32.8	2.28	0.79	0.94	1	30.8	2.62	0.81	0.97	1				
	1160	37.6	1.72	0.78	0.93	1	35.8	1.97	0.8	0.96	1	34	2.27	0.83	0.99	1	32	2.6	0.85	1	1				
	1315	38.5	1.71	0.82	0.98	1	36.8	1.96	0.84	1	1	35.2	2.26	0.87	1	1	33.2	2.59	0.9	1	1				
67°F	1005	38.5	1.71	0.6	0.72	0.85	37	1.96	0.61	0.74	0.88	35	2.26	0.62	0.76	0.9	32.8	2.59	0.63	0.79	0.94				
	1160	39.5	1.7	0.62	0.76	0.9	38	1.95	0.63	0.78	0.92	36	2.24	0.64	0.8	0.95	33.8	2.58	0.66	0.83	0.99				
	1315	41	1.69	0.64	0.79	0.94	39	1.94	0.65	0.81	0.97	36.8	2.24	0.67	0.84	1	34.6	2.57	0.68	0.87	1				
71°F	1005	40.5	1.69	0.46	0.58	0.7	39	1.94	0.46	0.59	0.72	37	2.23	0.47	0.6	0.74	35	2.57	0.47	0.62	0.76				
	1160	42	1.68	0.46	0.6	0.73	40	1.93	0.47	0.61	0.75	38	2.22	0.48	0.63	0.77	35.8	2.56	0.48	0.65	0.8				
	1315	43	1.67	0.48	0.63	0.77	41	1.92	0.49	0.64	0.79	39	2.21	0.49	0.65	0.81	36.6	2.54	0.5	0.67	0.84				

XP16-048-230-05 - CH33-49C-2F + SLP98UH090V48C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW				
63°F	1375	47.5	3	0.76	0.9	1	45	3.31	0.78	0.92	1	42.5	3.68	0.8	0.95	1	40	4.12	0.82	0.98	1
	1585	48.5	3.02	0.79	0.94	1	46.5	3.33	0.81	0.97	1	44	3.7	0.84	1	1	41.5	4.15	0.87	1	1
	1770	50	3.04	0.82	0.98	1	47.5	3.35	0.85	1	1	45	3.72	0.87	1	1	42.5	4.17	0.91	1	1
67°F	1375	50	3.04	0.61	0.74	0.86	47.5	3.35	0.61	0.75	0.89	45	3.72	0.63	0.77	0.91	42	4.16	0.64	0.8	0.95
	1585	51.5	3.06	0.63	0.77	0.91	49	3.37	0.64	0.79	0.94	46.5	3.74	0.65	0.81	0.97	43.5	4.18	0.67	0.84	1
	1770	52.5	3.07	0.65	0.8	0.95	50	3.39	0.66	0.82	0.98	47	3.75	0.68	0.85	1	44	4.19	0.69	0.88	1
71°F	1375	52.5	3.08	0.46	0.59	0.71	50	3.39	0.46	0.6	0.73	47.5	3.76	0.47	0.61	0.75	44.5	4.2	0.48	0.63	0.77
	1585	54	3.09	0.47	0.61	0.75	51.5	3.41	0.48	0.63	0.76	49	3.78	0.49	0.64	0.79	46	4.22	0.5	0.66	0.82
	1770	55	3.11	0.49	0.63	0.78	52.5	3.42	0.49	0.65	0.8	49.5	3.79	0.5	0.66	0.82	46.5	4.23	0.51	0.68	0.86

XP16-048-230-05 - CH33-49C-2F + SLP98UH090V48C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1007	36.7	2.7	34.6	2.64	32.5	2.59	30.4	2.53
1159	37.2	2.56	35.1	2.5	33	2.45	30.9	2.39
1315	37.9	2.45	35.8	2.39	33.7	2.33	31.6	2.28

XP16-048-230-05 - CH33-49C-2F + SLP98UH090V48C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1375	52.6	3.85	41	3.42	28.7	2.97	21	2.55	10.3	1.93
1583	53.5	3.72	41.9	3.28	29.6	2.83	21.9	2.42	11.2	1.79
1770	54.3	3.62	42.7	3.19	30.4	2.74	22.8	2.32	12	1.7

XP16-048-230-05 - CH33-49C-2F + SLP98UH090V48C HEATING PERFORMANCE at 1583 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.72	53.5
60	3.61	50.9
55	3.51	48.3
50	3.4	45.6
47	3.34	44.1
45	3.28	41.9
40	3.13	36.5
35	2.98	31.1
30	2.9	30.3
25	2.83	29.6
20	2.76	28.8
17	2.72	28.3
15	2.68	27.2
10	2.57	24.6
5	2.42	21.9
0	2.26	19.2
-5	2.1	16.6
-10	1.95	13.9
-15	1.79	11.2
-20	1.63	8.5

XP16-048-230-05 - CH33-49C-2F + SLP98UH090V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	980	36.2	1.73	0.74	0.88	1	34.6	1.98	0.76	0.9	1	32.6	2.28	0.78	0.93	1	30.6	2.62	0.81	0.96	1
	1055	36.8	1.72	0.76	0.9	1	35	1.98	0.78	0.93	1	33.2	2.27	0.8	0.96	1	31.2	2.61	0.83	0.99	1
	1295	38.5	1.71	0.82	0.97	1	36.8	1.96	0.84	1	1	35	2.26	0.86	1	1	33.2	2.59	0.89	1	1
67°F	980	38	1.71	0.59	0.72	0.84	36.6	1.96	0.6	0.74	0.87	34.8	2.26	0.61	0.76	0.89	32.6	2.6	0.63	0.78	0.93
	1055	39	1.7	0.6	0.73	0.87	37.2	1.96	0.62	0.75	0.89	35.4	2.25	0.62	0.78	0.92	33.2	2.59	0.64	0.8	0.95
	1295	40.5	1.69	0.64	0.79	0.94	39	1.94	0.65	0.81	0.96	36.8	2.24	0.67	0.84	0.99	34.4	2.58	0.68	0.87	1
71°F	980	40.5	1.69	0.46	0.58	0.7	38.5	1.94	0.46	0.58	0.71	36.8	2.24	0.46	0.6	0.73	34.8	2.57	0.47	0.61	0.75
	1055	41	1.68	0.46	0.59	0.71	39.5	1.94	0.47	0.6	0.73	37.4	2.23	0.47	0.61	0.75	35.2	2.56	0.47	0.63	0.77
	1295	43	1.67	0.48	0.63	0.77	41	1.92	0.49	0.64	0.79	39	2.21	0.49	0.65	0.81	36.6	2.55	0.5	0.67	0.84

XP16-048-230-05 - CH33-49C-2F + SLP98UH090V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	1460	48	3.01	0.77	0.92	1	45.5	3.32	0.79	0.94	1	43	3.69	0.81	0.97	1	40.5	4.13	0.84	1	1
	1595	49	3.02	0.8	0.95	1	46.5	3.33	0.81	0.97	1	44	3.7	0.84	1	1	41.5	4.15	0.87	1	1
	1860	50.5	3.04	0.84	1	1	48	3.36	0.86	1	1	45.5	3.73	0.89	1	1	43	4.18	0.92	1	1
67°F	1460	50.5	3.04	0.61	0.75	0.88	48	3.36	0.62	0.77	0.91	45.5	3.73	0.64	0.79	0.94	42.5	4.17	0.65	0.82	0.97
	1595	51.5	3.06	0.63	0.77	0.91	49	3.37	0.64	0.79	0.94	46.5	3.74	0.65	0.81	0.97	43.5	4.18	0.67	0.84	1
	1860	53	3.08	0.66	0.82	0.97	50.5	3.39	0.67	0.84	0.99	47.5	3.76	0.68	0.87	1	44.5	4.2	0.71	0.9	1
71°F	1460	53	3.08	0.47	0.6	0.72	50.5	3.4	0.47	0.61	0.74	48	3.77	0.48	0.63	0.76	45	4.21	0.49	0.64	0.79
	1595	54	3.1	0.47	0.61	0.75	51.5	3.41	0.48	0.63	0.77	49	3.78	0.49	0.64	0.79	46	4.22	0.5	0.66	0.82
	1860	55.5	3.11	0.49	0.64	0.79	53	3.43	0.5	0.66	0.81	50	3.8	0.51	0.67	0.84	47	4.24	0.52	0.7	0.88

XP16-048-230-05 - CH33-49C-2F + SLP98UH090V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
978	36.4	2.73	34.4	2.67	32.4	2.6	30.4	2.54
1054	36.7	2.66	34.7	2.59	32.7	2.53	30.7	2.47
1295	37.8	2.46	35.8	2.4	33.8	2.34	31.8	2.27

XP16-048-230-05 - CH33-49C-2F + SLP98UH090V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1460	53	3.79	41.3	3.36	29	2.91	21.4	2.5	10.6	1.87
1593	53.6	3.71	41.9	3.28	29.6	2.83	22	2.41	11.2	1.79
1860	54.7	3.58	43.1	3.15	30.7	2.7	23.1	2.29	12.3	1.66

XP16-048-230-05 - CH33-49C-2F + SLP98UH090V60C HEATING PERFORMANCE at 1593 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.71	53.6
60	3.61	50.9
55	3.5	48.3
50	3.4	45.7
47	3.34	44.1
45	3.28	41.9
40	3.12	36.5
35	2.97	31.1
30	2.9	30.4
25	2.83	29.6
20	2.76	28.8
17	2.72	28.3
15	2.67	27.3
10	2.57	24.7
5	2.41	22
0	2.26	19.3
-5	2.1	16.6
-10	1.94	13.9
-15	1.79	11.2
-20	1.63	8.5

XP16-048-230-05 - CH33-49C-2F + SLP98UH110V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	970	36	1.73	0.74	0.88	1	34.4	1.98	0.76	0.9	1	32.6	2.28	0.78	0.93	1	30.6	2.62	0.8	0.96	1				
	1110	37.2	1.72	0.78	0.92	1	35.6	1.97	0.79	0.95	1	33.6	2.27	0.81	0.97	1	31.4	2.61	0.84	1	1				
	1265	38.5	1.71	0.81	0.97	1	36.6	1.97	0.83	0.99	1	34.6	2.26	0.85	1	1	32.8	2.59	0.89	1	1				
67°F	970	38	1.71	0.59	0.72	0.84	36.6	1.97	0.6	0.74	0.87	34.8	2.26	0.61	0.76	0.89	32.6	2.6	0.63	0.78	0.92				
	1110	39.5	1.7	0.61	0.75	0.88	37.6	1.95	0.62	0.77	0.91	35.8	2.25	0.63	0.79	0.94	33.4	2.59	0.65	0.81	0.97				
	1265	40.5	1.69	0.64	0.78	0.93	38.5	1.94	0.65	0.8	0.96	36.6	2.24	0.66	0.83	0.99	34.4	2.58	0.68	0.86	1				
71°F	970	40.5	1.69	0.46	0.58	0.7	38.5	1.95	0.46	0.58	0.71	36.8	2.24	0.47	0.6	0.73	34.6	2.57	0.47	0.61	0.75				
	1110	41.5	1.68	0.46	0.59	0.72	40	1.93	0.47	0.61	0.74	37.8	2.22	0.47	0.62	0.76	35.6	2.56	0.48	0.64	0.79				
	1265	42.5	1.67	0.48	0.62	0.76	41	1.92	0.48	0.63	0.78	39	2.21	0.49	0.65	0.8	36.6	2.55	0.49	0.66	0.83				

XP16-048-230-05 - CH33-49C-2F + SLP98UH110V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1405	47.5	3	0.76	0.9	1	45.5	3.31	0.78	0.93	1	43	3.68	0.8	0.96	1	40	4.12	0.83	0.99	1				
	1610	49	3.02	0.8	0.95	1	46.5	3.33	0.82	0.97	1	44	3.7	0.84	1	1	41.5	4.15	0.87	1	1				
	1775	50	3.04	0.82	0.98	1	47.5	3.35	0.85	1	1	45	3.72	0.87	1	1	42.5	4.17	0.91	1	1				
67°F	1405	50	3.04	0.61	0.74	0.87	48	3.35	0.61	0.75	0.89	45.5	3.72	0.63	0.78	0.92	42.5	4.16	0.65	0.81	0.96				
	1610	51.5	3.06	0.63	0.77	0.92	49	3.37	0.64	0.79	0.94	46.5	3.74	0.66	0.82	0.97	43.5	4.18	0.67	0.85	1				
	1775	52.5	3.07	0.65	0.8	0.95	50	3.39	0.66	0.82	0.98	47	3.75	0.68	0.85	1	44	4.19	0.7	0.88	1				
71°F	1405	52.5	3.08	0.46	0.6	0.72	50.5	3.39	0.46	0.6	0.73	48	3.76	0.47	0.62	0.75	45	4.21	0.48	0.63	0.78				
	1610	54	3.1	0.47	0.61	0.75	51.5	3.41	0.48	0.63	0.77	49	3.78	0.49	0.64	0.79	46	4.22	0.5	0.66	0.82				
	1775	55	3.11	0.49	0.64	0.78	52.5	3.42	0.49	0.65	0.8	49.5	3.79	0.5	0.67	0.83	46.5	4.23	0.51	0.68	0.86				

XP16-048-230-05 - CH33-49C-2F + SLP98UH110V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
972	36.5	2.75	34.4	2.69	32.3	2.63	30.2	2.57
1110	37	2.59	34.9	2.54	32.8	2.48	30.8	2.42
1265	37.5	2.49	35.4	2.43	33.3	2.37	31.2	2.31

XP16-048-230-05 - CH33-49C-2F + SLP98UH110V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1405	52.7	3.82	41.1	3.4	28.8	2.96	21.2	2.55	10.4	1.92
1612	53.5	3.69	41.9	3.26	29.6	2.82	22	2.41	11.2	1.79
1775	54.2	3.61	42.6	3.18	30.3	2.74	22.7	2.33	11.9	1.7

XP16-048-230-05 - CH33-49C-2F + SLP98UH110V60C HEATING PERFORMANCE at 1612 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.69	53.5
60	3.59	50.9
55	3.49	48.3
50	3.38	45.7
47	3.32	44.1
45	3.26	41.9
40	3.11	36.5
35	2.96	31.1
30	2.89	30.3
25	2.82	29.6
20	2.75	28.9
17	2.71	28.4
15	2.67	27.4
10	2.57	24.7
5	2.41	22
0	2.26	19.3
-5	2.1	16.6
-10	1.94	13.9
-15	1.79	11.2
-20	1.63	8.5

XP16-048-230-05 - CH33-50/60C-2F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1050	36.6	1.72	0.77	0.91	1	35	1.98	0.78	0.93	1	33.2	2.27	0.8	0.96	1	31	2.61	0.83	0.99	1				
	1200	37.8	1.71	0.8	0.95	1	36	1.97	0.82	0.97	1	34.2	2.26	0.84	1	1	32.2	2.6	0.87	1	1				
	1350	38.5	1.7	0.83	0.98	1	37	1.96	0.85	1	1	35.2	2.25	0.88	1	1	33.4	2.59	0.91	1	1				
67°F	1050	39	1.7	0.61	0.74	0.87	37.2	1.96	0.62	0.76	0.89	35.2	2.25	0.63	0.78	0.92	33.2	2.59	0.65	0.8	0.95				
	1200	40	1.7	0.63	0.77	0.91	38	1.95	0.64	0.79	0.94	36.2	2.24	0.65	0.81	0.97	34	2.58	0.67	0.84	1				
	1350	41	1.69	0.65	0.8	0.95	39	1.94	0.66	0.82	0.98	37	2.23	0.67	0.85	1	34.6	2.57	0.69	0.88	1				
71°F	1050	41	1.69	0.47	0.59	0.71	39.5	1.94	0.47	0.6	0.73	37.4	2.23	0.48	0.62	0.75	35.2	2.57	0.48	0.63	0.77				
	1200	42	1.67	0.47	0.62	0.74	40.5	1.93	0.48	0.63	0.77	38.5	2.22	0.49	0.64	0.79	36.2	2.55	0.5	0.66	0.81				
	1350	43	1.67	0.49	0.63	0.77	41	1.92	0.49	0.64	0.8	39	2.21	0.5	0.66	0.82	36.8	2.54	0.51	0.68	0.85				

XP16-048-230-05 - CH33-50/60C-2F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1400	47.5	3	0.76	0.9	1	45	3.31	0.78	0.92	1	42.5	3.68	0.8	0.95	1	40	4.12	0.83	0.99	1				
	1600	48.5	3.02	0.79	0.94	1	46.5	3.33	0.81	0.97	1	44	3.7	0.84	0.99	1	41	4.14	0.87	1	1				
	1800	49.5	3.04	0.82	0.98	1	47.5	3.34	0.85	1	1	45	3.72	0.87	1	1	42.5	4.16	0.91	1	1				
67°F	1400	50	3.04	0.61	0.74	0.87	47.5	3.35	0.62	0.75	0.89	45	3.72	0.63	0.78	0.92	42.5	4.16	0.65	0.8	0.95				
	1600	51	3.05	0.62	0.77	0.91	49	3.37	0.64	0.79	0.93	46	3.74	0.65	0.81	0.96	43.5	4.18	0.67	0.84	1				
	1800	52.5	3.07	0.65	0.8	0.95	50	3.38	0.66	0.82	0.97	47	3.75	0.67	0.85	1	44	4.19	0.69	0.88	1				
71°F	1400	52.5	3.08	0.47	0.6	0.72	50	3.39	0.47	0.6	0.73	47.5	3.76	0.48	0.62	0.75	44.5	4.2	0.49	0.64	0.78				
	1600	53.5	3.09	0.48	0.61	0.74	51.5	3.41	0.48	0.63	0.76	49	3.78	0.49	0.64	0.79	46	4.22	0.5	0.66	0.82				
	1800	55	3.11	0.49	0.63	0.77	52.5	3.42	0.49	0.65	0.8	49.5	3.79	0.5	0.66	0.82	46.5	4.23	0.51	0.68	0.85				

XP16-048-230-05 - CH33-50/60C-2F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1050	37.3	2.68	35.2	2.62	33.1	2.57	31	2.51
1200	37.9	2.55	35.8	2.49	33.7	2.44	31.6	2.38
1350	38.4	2.44	36.3	2.39	34.2	2.33	32.1	2.28

XP16-048-230-05 - CH33-50/60C-2F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1400	53.1	3.86	41.5	3.42	29.1	2.97	21.5	2.55	10.6	1.92
1600	53.8	3.72	42.2	3.28	29.9	2.83	22.2	2.42	11.3	1.79
1800	54.3	3.61	42.7	3.18	30.4	2.73	22.7	2.31	11.8	1.68

XP16-048-230-05 - CH33-50/60C-2F HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.72	53.8
60	3.62	51.2
55	3.51	48.6
50	3.41	45.9
47	3.35	44.4
45	3.28	42.2
40	3.13	36.8
35	2.98	31.4
30	2.91	30.6
25	2.83	29.9
20	2.76	29.1
17	2.72	28.6
15	2.68	27.6
10	2.57	24.9
5	2.42	22.2
0	2.26	19.5
-5	2.1	16.8
-10	1.95	14
-15	1.79	11.3
-20	1.63	8.6

XP16-048-230-05 - CH33-50/60C-2F + EL296UH110V48C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
63°F	1010	36.2	1.73	0.75	0.89	1	34.6	1.98	0.77	0.91	1	32.8	2.28	0.79	0.94	1	30.8	2.62	0.81	0.97	1				
	1135	37.2	1.72	0.78	0.92	1	35.4	1.97	0.8	0.95	1	33.6	2.27	0.82	0.98	1	31.4	2.61	0.84	1	1				
	1235	37.8	1.71	0.8	0.95	1	36.2	1.97	0.82	0.98	1	34.2	2.26	0.84	1	1	32.4	2.6	0.87	1	1				
67°F	1010	38.5	1.71	0.6	0.72	0.85	36.8	1.96	0.61	0.74	0.87	34.8	2.26	0.62	0.76	0.9	32.8	2.59	0.63	0.78	0.93				
	1135	39.5	1.7	0.61	0.75	0.89	37.6	1.95	0.63	0.77	0.91	35.8	2.25	0.64	0.79	0.94	33.4	2.59	0.65	0.82	0.97				
	1235	40	1.69	0.63	0.77	0.92	38.5	1.95	0.64	0.79	0.94	36.4	2.24	0.65	0.81	0.97	34	2.58	0.67	0.84	1				
71°F	1010	40.5	1.69	0.46	0.58	0.7	39	1.94	0.46	0.59	0.71	37	2.23	0.47	0.6	0.73	34.8	2.57	0.47	0.62	0.76				
	1135	41.5	1.68	0.46	0.59	0.72	40	1.93	0.47	0.61	0.74	37.8	2.22	0.47	0.62	0.77	35.6	2.56	0.48	0.64	0.79				
	1235	42	1.67	0.47	0.62	0.75	40.5	1.93	0.48	0.63	0.76	38.5	2.22	0.48	0.64	0.79	36.2	2.55	0.49	0.66	0.82				

XP16-048-230-05 - CH33-50/60C-2F + EL296UH110V48C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
63°F	1405	47.5	3	0.76	0.9	1	45	3.31	0.78	0.92	1	42.5	3.68	0.8	0.95	1	40	4.12	0.82	0.99	1				
	1565	48.5	3.01	0.78	0.93	1	46	3.33	0.8	0.96	1	43.5	3.69	0.83	0.99	1	41	4.13	0.86	1	1				
	1760	49.5	3.03	0.81	0.97	1	47	3.34	0.84	0.99	1	44.5	3.71	0.86	1	1	42	4.16	0.89	1	1				
67°F	1405	50	3.04	0.61	0.74	0.86	47.5	3.35	0.61	0.75	0.89	45	3.72	0.63	0.77	0.92	42	4.16	0.64	0.8	0.95				
	1565	51	3.05	0.62	0.76	0.9	48.5	3.36	0.63	0.78	0.92	46	3.73	0.65	0.8	0.95	43	4.18	0.66	0.83	0.99				
	1760	52	3.07	0.64	0.79	0.94	49.5	3.38	0.65	0.81	0.96	47	3.75	0.67	0.83	0.99	44	4.19	0.69	0.87	1				
71°F	1405	52.5	3.08	0.47	0.59	0.71	50	3.39	0.46	0.6	0.73	47.5	3.76	0.47	0.61	0.75	44.5	4.2	0.48	0.63	0.77				
	1565	53.5	3.09	0.47	0.6	0.74	51	3.4	0.47	0.62	0.75	48.5	3.78	0.48	0.63	0.78	45.5	4.22	0.49	0.65	0.81				
	1760	54.5	3.1	0.48	0.63	0.77	52	3.42	0.49	0.64	0.79	49.5	3.79	0.5	0.66	0.81	46.5	4.23	0.51	0.68	0.85				

XP16-048-230-05 - CH33-50/60C-2F + EL296UH110V48C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1010	36.7	2.7	34.6	2.64	32.5	2.59	30.4	2.53
1135	37.2	2.58	35.1	2.52	33	2.47	30.9	2.41
1235	37.6	2.51	35.5	2.45	33.4	2.39	31.3	2.33

XP16-048-230-05 - CH33-50/60C-2F + EL296UH110V48C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1405	52.7	3.84	41.1	3.4	28.9	2.95	21.3	2.53	10.5	1.9
1565	53.3	3.74	41.8	3.29	29.5	2.84	21.9	2.42	11.1	1.79
1760	54	3.63	42.5	3.19	30.2	2.74	22.6	2.31	11.9	1.69

**XP16-048-230-05 - CH33-50/60C-2F + EL296UH110V48C
HEATING PERFORMANCE at 1565 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.74	53.3
60	3.63	50.7
55	3.53	48.1
50	3.42	45.4
47	3.36	43.9
45	3.29	41.8
40	3.14	36.4
35	2.99	31.1
30	2.91	30.3
25	2.84	29.5
20	2.77	28.7
17	2.72	28.2
15	2.68	27.2
10	2.58	24.6
5	2.42	21.9
0	2.26	19.2
-5	2.1	16.5
-10	1.95	13.8
-15	1.79	11.1
-20	1.63	8.5

XP16-048-230-05 - CH33-50/60C-2F + SL280UH090V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1005	36.2	1.73	0.75	0.89	1	34.6	1.98	0.77	0.91	1	32.6	2.28	0.78	0.94	1	30.6	2.62	0.81	0.97	1				
	1100	37	1.72	0.77	0.91	1	35.2	1.98	0.79	0.94	1	33.4	2.27	0.81	0.96	1	31.2	2.61	0.83	1	1				
	1275	38	1.71	0.81	0.96	1	36.4	1.97	0.83	0.99	1	34.6	2.26	0.85	1	1	32.6	2.6	0.88	1	1				
67°F	1005	38.5	1.71	0.59	0.72	0.85	36.8	1.96	0.61	0.74	0.87	34.8	2.26	0.61	0.76	0.9	32.6	2.59	0.63	0.78	0.93				
	1100	39	1.7	0.61	0.74	0.88	37.4	1.96	0.62	0.76	0.9	35.6	2.25	0.63	0.78	0.93	33.2	2.59	0.64	0.81	0.96				
	1275	40.5	1.69	0.63	0.78	0.93	38.5	1.95	0.64	0.8	0.95	36.6	2.24	0.66	0.82	0.98	34.2	2.58	0.67	0.85	1				
71°F	1005	40.5	1.69	0.46	0.58	0.7	39	1.94	0.46	0.59	0.71	36.8	2.23	0.47	0.6	0.73	34.8	2.57	0.47	0.61	0.76				
	1100	41	1.68	0.46	0.59	0.72	39.5	1.94	0.47	0.6	0.73	37.6	2.23	0.47	0.62	0.75	35.4	2.56	0.48	0.63	0.78				
	1275	42.5	1.67	0.47	0.62	0.75	40.5	1.92	0.48	0.63	0.77	38.5	2.21	0.49	0.64	0.8	36.4	2.55	0.49	0.66	0.83				

XP16-048-230-05 - CH33-50/60C-2F + SL280UH090V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1440	47.5	3	0.76	0.9	1	45.5	3.31	0.78	0.93	1	43	3.68	0.8	0.96	1	41	4.12	0.83	0.99	1				
	1595	48.5	3.02	0.79	0.94	1	46	3.33	0.81	0.96	1	43.5	3.7	0.83	0.99	1	41	4.14	0.86	1	1				
	1815	49.5	3.04	0.82	0.98	1	47.5	3.35	0.85	1	1	45	3.72	0.87	1	1	42.5	4.16	0.91	1	1				
67°F	1440	50	3.04	0.61	0.74	0.87	47.5	3.35	0.61	0.75	0.89	45	3.72	0.63	0.78	0.92	42.5	4.16	0.65	0.81	0.96				
	1595	51	3.05	0.62	0.76	0.9	48.5	3.37	0.64	0.78	0.93	46	3.74	0.65	0.8	0.96	43	4.18	0.67	0.84	0.99				
	1815	52.5	3.07	0.65	0.8	0.95	50	3.38	0.66	0.82	0.97	47	3.75	0.67	0.85	1	44	4.19	0.69	0.88	1				
71°F	1440	52.5	3.08	0.46	0.6	0.72	50.5	3.39	0.46	0.6	0.73	48	3.76	0.47	0.62	0.75	45	4.21	0.48	0.63	0.78				
	1595	53.5	3.09	0.47	0.61	0.74	51.5	3.4	0.47	0.62	0.76	48.5	3.78	0.48	0.64	0.78	45.5	4.22	0.49	0.65	0.81				
	1815	55	3.11	0.48	0.63	0.78	52.5	3.42	0.49	0.65	0.8	49.5	3.79	0.5	0.66	0.82	46.5	4.23	0.51	0.68	0.86				

XP16-048-230-05 - CH33-50/60C-2F + SL280UH090V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1005	36.6	2.71	34.5	2.64	32.4	2.58	30.2	2.52
1102	37.1	2.62	34.9	2.56	32.8	2.49	30.7	2.43
1275	37.5	2.49	35.3	2.43	33.2	2.36	31.1	2.3

XP16-048-230-05 - CH33-50/60C-2F + SL280UH090V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1440	52.7	3.81	41.1	3.37	28.8	2.92	21.1	2.51	10.5	1.88
1595	53.4	3.71	41.7	3.28	29.4	2.83	21.8	2.41	11.1	1.78
1815	54.1	3.6	42.5	3.16	30.2	2.71	22.6	2.3	11.9	1.67

XP16-048-230-05 - CH33-50/60C-2F + SL280UH090V60C HEATING PERFORMANCE at 1595 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.71	53.4
60	3.61	50.7
55	3.51	48.1
50	3.4	45.5
47	3.34	43.9
45	3.28	41.7
40	3.12	36.4
35	2.97	31
30	2.9	30.2
25	2.83	29.4
20	2.75	28.6
17	2.71	28.1
15	2.67	27.1
10	2.57	24.5
5	2.41	21.8
0	2.25	19.1
-5	2.1	16.4
-10	1.94	13.8
-15	1.78	11.1
-20	1.63	8.4

XP16-048-230-05 - CH33-50/60C-2F + SL280UH110V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	980	36	1.73	0.74	0.88	1	34.4	1.99	0.76	0.9	1	32.6	2.28	0.78	0.93	1	30.4	2.62	0.8	0.96	1				
	1075	36.8	1.72	0.77	0.91	1	35	1.98	0.78	0.93	1	33.2	2.27	0.8	0.96	1	31	2.61	0.83	0.99	1				
	1255	38	1.71	0.8	0.96	1	36.2	1.97	0.82	0.98	1	34.4	2.26	0.85	1	1	32.6	2.6	0.88	1	1				
67°F	980	38	1.71	0.59	0.72	0.84	36.6	1.97	0.6	0.73	0.86	34.6	2.26	0.61	0.75	0.89	32.6	2.6	0.63	0.78	0.92				
	1075	39	1.7	0.6	0.74	0.87	37.2	1.96	0.62	0.76	0.89	35.2	2.25	0.63	0.78	0.92	33.2	2.59	0.64	0.8	0.95				
	1255	40	1.69	0.63	0.78	0.92	38.5	1.95	0.64	0.8	0.95	36.4	2.24	0.66	0.82	0.98	34.2	2.58	0.67	0.85	1				
71°F	980	40	1.69	0.46	0.58	0.7	38.5	1.95	0.46	0.58	0.71	36.6	2.24	0.46	0.6	0.73	34.6	2.57	0.47	0.61	0.75				
	1075	41	1.68	0.46	0.59	0.71	39.5	1.94	0.46	0.6	0.73	37.4	2.23	0.47	0.61	0.75	35.2	2.57	0.47	0.63	0.77				
	1255	42.5	1.67	0.47	0.62	0.75	40.5	1.92	0.48	0.63	0.77	38.5	2.22	0.49	0.64	0.79	36.4	2.55	0.49	0.66	0.82				

XP16-048-230-05 - CH33-50/60C-2F + SL280UH110V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	1395	47	3	0.76	0.89	1	46	3.31	0.78	0.92	1	42.5	3.68	0.8	0.95	1	40	4.12	0.82	0.98	1				
	1565	48.5	3.01	0.78	0.93	1	45	3.32	0.8	0.96	1	43.5	3.69	0.83	0.99	1	41	4.13	0.86	1	1				
	1810	49.5	3.04	0.82	0.98	1	47.5	3.35	0.85	1	1	45	3.72	0.87	1	1	42.5	4.16	0.91	1	1				
67°F	1395	50	3.04	0.6	0.74	0.86	47.5	3.35	0.61	0.75	0.88	45	3.72	0.62	0.77	0.91	42	4.16	0.64	0.8	0.95				
	1565	51	3.05	0.62	0.76	0.9	48.5	3.36	0.63	0.78	0.92	46	3.73	0.65	0.8	0.95	43	4.18	0.66	0.83	0.99				
	1810	52.5	3.07	0.65	0.8	0.95	50	3.38	0.66	0.82	0.98	47	3.75	0.68	0.85	1	44	4.19	0.69	0.88	1				
71°F	1395	52.5	3.07	0.46	0.59	0.71	50	3.39	0.46	0.6	0.72	47.5	3.76	0.47	0.61	0.75	44.5	4.2	0.48	0.63	0.77				
	1565	53.5	3.09	0.47	0.6	0.74	51	3.4	0.47	0.62	0.75	48.5	3.77	0.48	0.63	0.78	45.5	4.22	0.49	0.65	0.81				
	1810	55	3.11	0.48	0.63	0.78	52.5	3.42	0.49	0.65	0.8	49.5	3.79	0.5	0.66	0.82	46.5	4.23	0.51	0.68	0.86				

XP16-048-230-05 - CH33-50/60C-2F + SL280UH110V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
979	36.6	2.75	34.6	2.68	32.6	2.62	30.6	2.56
1075	36.8	2.64	34.8	2.58	32.8	2.52	30.8	2.46
1255	37.5	2.51	35.5	2.44	33.6	2.38	31.6	2.32

XP16-048-230-05 - CH33-50/60C-2F + SL280UH110V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1395	52.6	3.85	41	3.41	28.8	2.95	21.2	2.53	10.5	1.91
1564	53.2	3.74	41.7	3.29	29.4	2.84	21.8	2.42	11.1	1.79
1810	54.2	3.61	42.7	3.17	30.5	2.72	22.8	2.29	12.1	1.67

**XP16-048-230-05 - CH33-50/60C-2F + SL280UH110V60C
HEATING PERFORMANCE at 1564 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.74	53.2
60	3.63	50.6
55	3.52	48
50	3.42	45.4
47	3.36	43.8
45	3.29	41.7
40	3.14	36.4
35	2.99	31
30	2.91	30.2
25	2.84	29.4
20	2.77	28.6
17	2.72	28.1
15	2.68	27.1
10	2.57	24.5
5	2.42	21.8
0	2.26	19.1
-5	2.1	16.5
-10	1.95	13.8
-15	1.79	11.1
-20	1.63	8.4

XP16-048-230-05 - CH33-50/60C-2F + SLP98UH090V48C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW							
63°F	1005	36.2	1.73	0.75	0.89	1	34.6	1.98	0.77	0.91	1	32.8	2.28	0.78	0.94	1	30.6	2.62	0.81	0.97	1				
	1160	37.4	1.72	0.78	0.93	1	35.6	1.97	0.8	0.95	1	33.8	2.27	0.82	0.98	1	31.8	2.61	0.85	1	1				
	1315	38.5	1.71	0.81	0.97	1	36.6	1.96	0.84	1	1	34.8	2.26	0.86	1	1	33	2.59	0.89	1	1				
67°F	1005	38.5	1.71	0.6	0.72	0.85	36.6	1.96	0.61	0.74	0.87	34.8	2.26	0.62	0.76	0.9	32.6	2.59	0.63	0.78	0.93				
	1160	39.5	1.7	0.62	0.76	0.89	37.8	1.95	0.63	0.77	0.92	35.8	2.25	0.64	0.8	0.95	33.6	2.58	0.66	0.82	0.98				
	1315	40.5	1.69	0.64	0.79	0.94	39	1.94	0.65	0.81	0.96	36.6	2.24	0.66	0.83	0.99	34.4	2.58	0.68	0.87	1				
71°F	1005	40.5	1.69	0.46	0.58	0.7	39	1.94	0.46	0.59	0.71	37	2.24	0.47	0.6	0.73	34.8	2.57	0.47	0.61	0.76				
	1160	41.5	1.68	0.47	0.6	0.73	40	1.93	0.47	0.61	0.75	38	2.22	0.48	0.63	0.77	35.8	2.56	0.48	0.64	0.8				
	1315	42.5	1.67	0.48	0.62	0.76	41	1.92	0.49	0.64	0.78	39	2.21	0.49	0.65	0.81	36.6	2.55	0.5	0.67	0.83				

XP16-048-230-05 - CH33-50/60C-2F + SLP98UH090V48C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW							
63°F	1375	47	3	0.76	0.89	1	45	3.31	0.77	0.91	1	42.5	3.68	0.79	0.95	1	39.5	4.11	0.82	0.98	1				
	1585	48.5	3.02	0.79	0.94	1	46	3.33	0.81	0.96	1	43.5	3.7	0.83	0.99	1	41	4.14	0.86	1	1				
	1770	49.5	3.03	0.82	0.97	1	47	3.34	0.84	1	1	45	3.71	0.87	1	1	42.5	4.16	0.9	1	1				
67°F	1375	49.5	3.03	0.6	0.73	0.86	47.5	3.35	0.61	0.75	0.88	45	3.72	0.62	0.77	0.91	42	4.16	0.64	0.79	0.94				
	1585	51	3.05	0.62	0.76	0.9	48.5	3.36	0.64	0.78	0.93	46	3.74	0.65	0.8	0.96	43	4.18	0.67	0.84	0.99				
	1770	52	3.07	0.64	0.79	0.94	49.5	3.38	0.66	0.82	0.97	47	3.75	0.67	0.84	1	44	4.19	0.69	0.87	1				
71°F	1375	52	3.07	0.46	0.59	0.71	50	3.38	0.47	0.6	0.72	47.5	3.75	0.47	0.61	0.74	44.5	4.2	0.48	0.62	0.77				
	1585	53.5	3.09	0.47	0.61	0.74	51	3.4	0.47	0.62	0.76	48.5	3.78	0.48	0.64	0.78	45.5	4.22	0.49	0.65	0.81				
	1770	54.5	3.11	0.49	0.63	0.77	52.5	3.42	0.49	0.64	0.79	49.5	3.79	0.5	0.66	0.82	46.5	4.23	0.51	0.68	0.85				

XP16-048-230-05 - CH33-50/60C-2F + SLP98UH090V48C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1007	36.7	2.7	34.6	2.64	32.5	2.59	30.4	2.53
1159	37.2	2.56	35.1	2.51	33	2.45	30.9	2.39
1315	37.9	2.45	35.8	2.4	33.7	2.34	31.6	2.28

XP16-048-230-05 - CH33-50/60C-2F + SLP98UH090V48C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1375	52.6	3.87	41	3.43	28.7	2.97	21	2.55	10.3	1.93
1583	53.5	3.73	41.9	3.29	29.6	2.83	21.9	2.41	11.2	1.79
1770	54.2	3.63	42.6	3.19	30.3	2.74	22.7	2.32	11.9	1.69

XP16-048-230-05 - CH33-50/60C-2F + SLP98UH090V48C HEATING PERFORMANCE at 1583 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.73	53.5
60	3.62	50.9
55	3.52	48.2
50	3.41	45.6
47	3.35	44
45	3.29	41.9
40	3.13	36.5
35	2.98	31.1
30	2.91	30.4
25	2.83	29.6
20	2.76	28.8
17	2.72	28.3
15	2.68	27.2
10	2.57	24.6
5	2.41	21.9
0	2.26	19.2
-5	2.1	16.6
-10	1.95	13.9
-15	1.79	11.2
-20	1.63	8.5

XP16-048-230-05 - CH33-50/60C-2F + SLP98UH090V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	
63°F	980	36	1.73	0.74	0.88	1	34.4	1.99	0.76	0.9	1	32.6	2.28	0.78	0.93	1	30.4	2.62	0.8	0.96	1
	1055	36.6	1.72	0.76	0.9	1	35	1.98	0.78	0.92	1	33	2.28	0.8	0.95	1	31	2.62	0.82	0.98	1
	1295	38.5	1.71	0.81	0.97	1	36.6	1.97	0.83	0.99	1	34.6	2.26	0.86	1	1	32.8	2.59	0.89	1	1
67°F	980	38	1.71	0.59	0.72	0.84	36.6	1.97	0.6	0.73	0.86	34.6	2.26	0.61	0.75	0.89	32.6	2.6	0.63	0.77	0.92
	1055	38.5	1.71	0.6	0.73	0.86	37	1.96	0.61	0.75	0.89	35.2	2.25	0.62	0.77	0.92	33	2.59	0.64	0.79	0.95
	1295	40.5	1.69	0.64	0.79	0.93	38.5	1.94	0.65	0.8	0.96	36.6	2.24	0.66	0.83	0.99	34.4	2.58	0.68	0.86	1
71°F	980	40	1.69	0.46	0.58	0.7	38.5	1.95	0.46	0.58	0.71	36.6	2.24	0.46	0.6	0.73	34.6	2.57	0.47	0.61	0.75
	1055	41	1.69	0.46	0.59	0.71	39	1.94	0.46	0.6	0.72	37.2	2.23	0.47	0.61	0.74	35.2	2.57	0.47	0.62	0.77
	1295	42.5	1.67	0.48	0.62	0.76	41	1.92	0.48	0.63	0.78	39	2.21	0.49	0.65	0.8	36.6	2.55	0.5	0.67	0.84

XP16-048-230-05 - CH33-50/60C-2F + SLP98UH090V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	
63°F	1460	47.5	3	0.77	0.91	1	45.5	3.32	0.79	0.93	1	43	3.68	0.81	0.96	1	41	4.12	0.83	0.99	1
	1595	48.5	3.02	0.79	0.94	1	46	3.33	0.81	0.96	1	43.5	3.7	0.83	0.99	1	41	4.14	0.86	1	1
	1860	50	3.04	0.83	0.99	1	47.5	3.35	0.85	1	1	45.5	3.72	0.88	1	1	43	4.17	0.92	1	1
67°F	1460	50	3.04	0.62	0.74	0.87	48	3.35	0.62	0.76	0.9	45.5	3.72	0.64	0.78	0.93	42.5	4.17	0.65	0.81	0.96
	1595	51	3.05	0.62	0.77	0.9	48.5	3.37	0.64	0.79	0.93	46	3.74	0.65	0.8	0.96	43	4.18	0.67	0.84	0.99
	1860	52.5	3.08	0.65	0.81	0.96	50	3.39	0.67	0.83	0.98	47.5	3.76	0.68	0.86	1	44.5	4.2	0.71	0.89	1
71°F	1460	53	3.08	0.47	0.6	0.72	50.5	3.39	0.47	0.6	0.73	48	3.77	0.48	0.62	0.76	45	4.21	0.49	0.64	0.79
	1595	53.5	3.09	0.47	0.61	0.74	51.5	3.4	0.47	0.62	0.76	48.5	3.78	0.48	0.64	0.78	45.5	4.22	0.5	0.66	0.81
	1860	55	3.11	0.49	0.64	0.78	52.5	3.42	0.5	0.65	0.81	50	3.8	0.5	0.67	0.83	46.5	4.24	0.51	0.69	0.87

XP16-048-230-05 - CH33-50/60C-2F + SLP98UH090V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
978	36.6	2.75	34.6	2.68	32.6	2.62	30.6	2.56
1054	36.7	2.66	34.7	2.6	32.7	2.54	30.7	2.47
1295	37.5	2.48	35.5	2.42	33.5	2.35	31.5	2.29

XP16-048-230-05 - CH33-50/60C-2F + SLP98UH090V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1460	52.9	3.8	41.3	3.36	29	2.91	21.4	2.49	10.6	1.87
1593	53.5	3.72	41.9	3.28	29.6	2.83	22	2.41	11.2	1.79
1860	54.7	3.59	43	3.15	30.7	2.7	23.1	2.28	12.3	1.66

XP16-048-230-05 - CH33-50/60C-2F + SLP98UH090V60C HEATING PERFORMANCE at 1593 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.72	53.5
60	3.62	50.9
55	3.51	48.3
50	3.41	45.7
47	3.34	44.1
45	3.28	41.9
40	3.13	36.5
35	2.97	31.2
30	2.9	30.4
25	2.83	29.6
20	2.76	28.8
17	2.72	28.3
15	2.67	27.3
10	2.57	24.7
5	2.41	22
0	2.26	19.3
-5	2.1	16.6
-10	1.94	13.9
-15	1.79	11.2
-20	1.63	8.5

XP16-048-230-05 - CH33-50/60C-2F + SLP98UH110V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	970	35.8	1.73	0.74	0.88	1	34.2	1.99	0.76	0.9	1	32.4	2.28	0.78	0.93	1	30.4	2.62	0.8	0.96	1				
	1110	37	1.72	0.77	0.92	1	35.4	1.98	0.79	0.94	1	33.4	2.27	0.81	0.97	1	31.4	2.61	0.84	1	1				
	1265	38	1.71	0.8	0.96	1	36.4	1.97	0.82	0.98	1	34.4	2.26	0.85	1	1	32.6	2.6	0.88	1	1				
67°F	970	38	1.71	0.59	0.72	0.84	36.6	1.97	0.6	0.73	0.86	34.6	2.26	0.61	0.75	0.89	32.4	2.6	0.63	0.78	0.92				
	1110	39	1.7	0.61	0.75	0.88	37.4	1.96	0.62	0.76	0.9	35.6	2.25	0.63	0.79	0.93	33.4	2.59	0.65	0.81	0.97				
	1265	40	1.69	0.63	0.78	0.92	38.5	1.95	0.64	0.8	0.95	36.6	2.24	0.66	0.82	0.98	34.2	2.58	0.67	0.85	1				
71°F	970	40	1.69	0.46	0.58	0.7	38.5	1.95	0.46	0.58	0.71	36.6	2.24	0.46	0.6	0.73	34.6	2.58	0.47	0.61	0.75				
	1110	41.5	1.68	0.46	0.59	0.72	39.5	1.93	0.47	0.61	0.74	37.6	2.23	0.47	0.62	0.76	35.4	2.56	0.48	0.63	0.78				
	1265	42.5	1.67	0.47	0.62	0.75	40.5	1.92	0.48	0.63	0.77	38.5	2.22	0.49	0.64	0.8	36.4	2.55	0.49	0.66	0.82				

XP16-048-230-05 - CH33-50/60C-2F + SLP98UH110V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1405	47.5	3	0.76	0.9	1	46	3.31	0.78	0.92	1	42.5	3.68	0.8	0.95	1	40	4.12	0.82	0.99	1				
	1610	48.5	3.02	0.79	0.94	1	45	3.33	0.81	0.97	1	44	3.7	0.83	0.99	1	41	4.14	0.87	1	1				
	1775	49.5	3.03	0.82	0.97	1	47	3.34	0.84	1	1	45	3.72	0.87	1	1	42.5	4.16	0.9	1	1				
67°F	1405	50	3.04	0.61	0.74	0.86	47.5	3.35	0.61	0.75	0.89	45	3.72	0.63	0.77	0.92	42	4.16	0.64	0.8	0.95				
	1610	51	3.06	0.62	0.77	0.91	49	3.37	0.64	0.79	0.93	46	3.74	0.65	0.81	0.96	43.5	4.18	0.67	0.84	1				
	1775	52	3.07	0.64	0.79	0.94	49.5	3.38	0.66	0.82	0.97	47	3.75	0.67	0.84	1	44	4.19	0.69	0.87	1				
71°F	1405	52.5	3.08	0.47	0.6	0.71	50	3.39	0.46	0.6	0.73	47.5	3.76	0.47	0.61	0.75	44.5	4.2	0.48	0.63	0.77				
	1610	53.5	3.09	0.47	0.61	0.74	51.5	3.41	0.47	0.63	0.76	49	3.78	0.49	0.64	0.79	46	4.22	0.5	0.66	0.82				
	1775	54.5	3.11	0.48	0.63	0.77	52.5	3.42	0.49	0.64	0.79	49.5	3.79	0.5	0.66	0.82	46.5	4.23	0.51	0.68	0.85				

XP16-048-230-05 - CH33-50/60C-2F + SLP98UH110V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
972	36.5	2.75	34.3	2.69	32.2	2.63	30.1	2.57
1110	37.1	2.61	35	2.55	32.9	2.49	30.8	2.43
1265	37.5	2.5	35.4	2.43	33.2	2.37	31.1	2.31

XP16-048-230-05 - CH33-50/60C-2F + SLP98UH110V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1405	52.7	3.84	41.1	3.4	28.8	2.96	21.2	2.54	10.4	1.92
1612	53.5	3.7	41.9	3.27	29.6	2.82	22	2.41	11.2	1.78
1775	54.3	3.62	42.7	3.19	30.4	2.75	22.8	2.33	12	1.71

XP16-048-230-05 - CH33-50/60C-2F + SLP98UH110V60C HEATING PERFORMANCE at 1612 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.7	53.5
60	3.6	50.9
55	3.5	48.3
50	3.39	45.7
47	3.33	44.1
45	3.27	41.9
40	3.12	36.5
35	2.96	31.1
30	2.89	30.3
25	2.82	29.6
20	2.75	28.8
17	2.71	28.4
15	2.67	27.4
10	2.57	24.7
5	2.41	22
0	2.25	19.3
-5	2.1	16.6
-10	1.94	13.9
-15	1.78	11.2
-20	1.63	8.5

XP16-048-230-05 - CH33-60D-2F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	1050	37.2	1.72	0.76	0.89	1	35.6	1.99	0.78	0.92	1	33.6	2.31	0.8	0.95	1	31.4	2.67	0.82	0.98	1				
	1200	38.5	1.71	0.79	0.94	1	36.6	1.98	0.81	0.96	1	34.6	2.3	0.83	0.99	1	32.6	2.66	0.86	1	1				
	1350	39.5	1.7	0.82	0.97	1	37.6	1.97	0.84	1	1	35.6	2.28	0.86	1	1	33.6	2.63	0.9	1	1				
67°F	1050	39.5	1.69	0.6	0.73	0.86	38	1.97	0.61	0.75	0.88	35.8	2.27	0.62	0.77	0.91	33.6	2.64	0.64	0.79	0.94				
	1200	41	1.68	0.62	0.76	0.9	39	1.95	0.63	0.78	0.92	36.8	2.26	0.65	0.8	0.95	34.4	2.62	0.66	0.83	0.99				
	1350	42	1.67	0.64	0.79	0.93	40	1.94	0.65	0.81	0.96	37.6	2.24	0.67	0.84	0.99	35.2	2.61	0.69	0.87	1				
71°F	1050	42	1.66	0.46	0.58	0.7	40	1.94	0.47	0.6	0.72	38	2.24	0.47	0.61	0.74	35.8	2.6	0.48	0.62	0.76				
	1200	43.5	1.65	0.47	0.61	0.74	41.5	1.91	0.48	0.62	0.75	39	2.22	0.48	0.63	0.78	36.8	2.57	0.49	0.65	0.8				
	1350	44.5	1.64	0.48	0.63	0.76	42.5	1.9	0.49	0.64	0.79	40	2.21	0.49	0.65	0.81	37.6	2.57	0.5	0.67	0.84				

XP16-048-230-05 - CH33-60D-2F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	1400	47.5	2.82	0.76	0.89	1	45	3.14	0.77	0.91	1	42.5	3.51	0.79	0.94	1	40	3.95	0.82	0.97	1				
	1600	49	2.84	0.78	0.93	1	46.5	3.15	0.8	0.95	1	44	3.53	0.82	0.98	1	41	3.96	0.85	1	1				
	1800	50	2.85	0.81	0.96	1	47.5	3.17	0.83	0.99	1	45	3.54	0.86	1	1	42.5	3.98	0.89	1	1				
67°F	1400	50	2.84	0.6	0.73	0.85	47.5	3.16	0.62	0.75	0.87	45	3.54	0.62	0.77	0.9	42.5	3.98	0.64	0.79	0.94				
	1600	51.5	2.86	0.62	0.75	0.89	49	3.18	0.63	0.78	0.92	46.5	3.55	0.65	0.8	0.95	43.5	3.99	0.67	0.83	0.98				
	1800	52.5	2.87	0.64	0.78	0.92	50	3.19	0.65	0.8	0.95	47.5	3.56	0.67	0.83	0.99	44	4	0.68	0.86	1				
71°F	1400	52.5	2.87	0.47	0.59	0.71	50	3.19	0.48	0.6	0.72	47.5	3.56	0.47	0.61	0.74	44.5	4.01	0.48	0.63	0.77				
	1600	54	2.88	0.48	0.61	0.73	51.5	3.2	0.48	0.62	0.75	48.5	3.57	0.49	0.63	0.77	45.5	4.02	0.5	0.65	0.8				
	1800	55	2.89	0.48	0.62	0.76	52.5	3.21	0.49	0.64	0.78	49.5	3.58	0.49	0.65	0.8	46.5	4.02	0.51	0.67	0.84				

XP16-048-230-05 - CH33-60D-2F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1050	38.9	2.57	36.5	2.52	34.2	2.47	31.9	2.43
1200	39.6	2.45	37.3	2.4	35	2.35	32.6	2.31
1350	40.4	2.34	38	2.29	35.7	2.24	33.4	2.2

XP16-048-230-05 - CH33-60D-2F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1400	54.1	3.62	42.6	3.26	30.4	2.89	22.4	2.5	10.9	1.87
1600	55	3.51	43.4	3.15	31.2	2.78	23.2	2.38	11.8	1.76
1800	55.7	3.42	44.1	3.05	31.9	2.68	23.9	2.29	12.5	1.66

**XP16-048-230-05 - CH33-60D-2F
HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.51	55
60	3.42	52.3
55	3.33	49.7
50	3.25	47.1
47	3.19	45.5
45	3.15	43.4
40	3.03	38.2
35	2.92	33
30	2.85	32.1
25	2.78	31.2
20	2.71	30.3
17	2.66	29.8
15	2.63	28.7
10	2.54	26.1
5	2.38	23.2
0	2.23	20.4
-5	2.07	17.5
-10	1.91	14.7
-15	1.76	11.8
-20	1.6	8.9

XP16-048-230-05 - CH33-60D-2F + SL280UH135V60D - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	965	36.4	1.73	0.73	0.86	0.99	34.6	2.01	0.75	0.89	1	32.8	2.32	0.77	0.91	1	30.6	2.68	0.79	0.94	1				
	1120	37.6	1.71	0.76	0.91	1	36	1.98	0.78	0.93	1	34	2.3	0.8	0.96	1	31.8	2.66	0.83	0.99	1				
	1350	39.5	1.69	0.81	0.97	1	37.4	1.97	0.83	0.99	1	35.4	2.28	0.85	1	1	33.4	2.63	0.89	1	1				
67°F	965	38.5	1.71	0.58	0.71	0.83	37	1.97	0.59	0.72	0.85	35	2.29	0.6	0.74	0.87	32.8	2.65	0.62	0.76	0.9				
	1120	40	1.69	0.6	0.74	0.87	38.5	1.96	0.61	0.76	0.89	36.2	2.27	0.62	0.77	0.92	34	2.63	0.64	0.8	0.95				
	1350	41.5	1.67	0.63	0.78	0.93	40	1.94	0.64	0.8	0.96	37.6	2.24	0.66	0.83	0.99	35	2.61	0.68	0.86	1				
71°F	965	41	1.68	0.45	0.57	0.68	39	1.95	0.45	0.58	0.69	37.2	2.25	0.46	0.59	0.71	35	2.61	0.46	0.6	0.73				
	1120	42.5	1.66	0.46	0.59	0.71	40.5	1.92	0.46	0.6	0.73	38.5	2.23	0.47	0.61	0.75	36.2	2.59	0.47	0.63	0.77				
	1350	44	1.64	0.47	0.62	0.76	42	1.9	0.48	0.63	0.78	40	2.21	0.49	0.65	0.8	37.4	2.57	0.49	0.66	0.83				

XP16-048-230-05 - CH33-60D-2F + SL280UH135V60D - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1420	47.5	2.82	0.75	0.89	1	45	3.14	0.77	0.91	1	42.5	3.51	0.79	0.94	1	40	3.95	0.82	0.97	1				
	1600	48.5	2.83	0.78	0.92	1	46.5	3.15	0.8	0.95	1	44	3.52	0.82	0.98	1	41	3.96	0.85	1	1				
	1835	50	2.85	0.81	0.96	1	47.5	3.17	0.83	0.99	1	45	3.54	0.86	1	1	42.5	3.98	0.89	1	1				
67°F	1420	50	2.84	0.6	0.73	0.85	47.5	3.16	0.61	0.74	0.87	45	3.54	0.62	0.76	0.9	42.5	3.98	0.64	0.79	0.94				
	1600	51.5	2.86	0.61	0.75	0.88	49	3.18	0.63	0.77	0.91	46	3.55	0.64	0.79	0.94	43	3.99	0.66	0.82	0.98				
	1835	53	2.87	0.64	0.78	0.93	50	3.19	0.65	0.81	0.96	47.5	3.56	0.67	0.83	0.99	44.5	4	0.68	0.86	1				
71°F	1420	52.5	2.87	0.46	0.58	0.7	50	3.19	0.47	0.6	0.72	47.5	3.56	0.47	0.6	0.74	44.5	4.01	0.47	0.62	0.76				
	1600	53.5	2.88	0.47	0.6	0.73	51	3.2	0.47	0.61	0.74	48.5	3.57	0.48	0.63	0.77	45.5	4.01	0.49	0.65	0.8				
	1835	55	2.89	0.48	0.62	0.76	52.5	3.21	0.49	0.64	0.78	49.5	3.58	0.49	0.65	0.81	46.5	4.02	0.51	0.67	0.84				

XP16-048-230-05 - CH33-60D-2F + SL280UH135V60D - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
964	37.8	2.64	35.5	2.59	33.2	2.54	30.9	2.49
1122	38.6	2.49	36.3	2.44	34	2.39	31.7	2.34
1350	39.8	2.33	37.5	2.28	35.2	2.23	32.9	2.17

XP16-048-230-05 - CH33-60D-2F + SL280UH135V60D - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1420	53.6	3.6	42.1	3.24	29.9	2.88	21.9	2.49	10.7	1.87
1600	54.5	3.48	42.9	3.13	30.7	2.77	22.7	2.38	11.6	1.75
1835	55.5	3.39	44	3.04	31.8	2.68	23.8	2.29	12.6	1.66

XP16-048-230-05 - CH33-60D-2F + SL280UH135V60D HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.48	54.5
60	3.39	51.8
55	3.31	49.2
50	3.22	46.6
47	3.17	45
45	3.13	42.9
40	3.02	37.8
35	2.91	32.6
30	2.84	31.7
25	2.77	30.7
20	2.7	29.8
17	2.66	29.2
15	2.62	28.2
10	2.53	25.5
5	2.38	22.7
0	2.22	19.9
-5	2.06	17.1
-10	1.91	14.4
-15	1.75	11.6
-20	1.59	8.8

XP16-048-230-05 - CH33-60D-2F + SLP98UH135V60D - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	960	36.4	1.73	0.73	0.86	0.99	34.6	2.01	0.75	0.88	1	32.8	2.32	0.77	0.91	1	30.6	2.69	0.79	0.94	1				
	1095	37.4	1.72	0.76	0.9	1	35.8	1.99	0.78	0.92	1	33.8	2.3	0.8	0.95	1	31.6	2.67	0.82	0.98	1				
	1290	39	1.7	0.8	0.95	1	37	1.97	0.82	0.98	1	35	2.29	0.84	1	1	33	2.65	0.87	1	1				
67°F	960	38.5	1.71	0.58	0.71	0.83	37	1.97	0.59	0.72	0.85	35	2.29	0.6	0.74	0.87	32.8	2.65	0.62	0.76	0.9				
	1095	40	1.69	0.6	0.73	0.86	38	1.96	0.61	0.75	0.88	36	2.27	0.62	0.77	0.91	33.8	2.63	0.64	0.79	0.95				
	1290	41.5	1.67	0.62	0.77	0.91	39.5	1.94	0.63	0.79	0.94	37.2	2.25	0.65	0.82	0.97	34.8	2.61	0.67	0.84	1				
71°F	960	41	1.68	0.45	0.57	0.68	39	1.95	0.45	0.58	0.69	37.2	2.25	0.46	0.59	0.71	35	2.62	0.46	0.6	0.73				
	1095	42	1.66	0.46	0.58	0.7	40.5	1.93	0.46	0.59	0.72	38.5	2.23	0.47	0.61	0.74	36	2.6	0.47	0.62	0.77				
	1290	44	1.64	0.47	0.61	0.75	42	1.91	0.47	0.62	0.77	39.5	2.22	0.48	0.64	0.79	37.2	2.57	0.49	0.65	0.82				

XP16-048-230-05 - CH33-60D-2F + SLP98UH135V60D - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1445	47.5	2.82	0.76	0.89	1	45.5	3.14	0.77	0.91	1	43	3.52	0.79	0.95	1	40	3.95	0.82	0.98	1				
	1615	49	2.84	0.78	0.92	1	46.5	3.15	0.8	0.95	1	44	3.52	0.82	0.98	1	41	3.96	0.85	1	1				
	1805	50	2.85	0.8	0.96	1	47.5	3.16	0.83	0.99	1	45	3.53	0.85	1	1	42.5	3.98	0.89	1	1				
67°F	1445	50	2.85	0.61	0.73	0.86	47.5	3.17	0.62	0.75	0.88	45	3.54	0.62	0.77	0.91	42.5	3.98	0.64	0.79	0.94				
	1615	51.5	2.86	0.62	0.75	0.89	49	3.18	0.63	0.77	0.92	46.5	3.55	0.64	0.8	0.95	43.5	3.99	0.66	0.83	0.98				
	1805	52.5	2.87	0.63	0.78	0.92	50	3.19	0.65	0.8	0.95	47.5	3.56	0.66	0.83	0.98	44	4	0.67	0.86	1				
71°F	1445	52.5	2.87	0.46	0.59	0.71	50.5	3.19	0.47	0.6	0.72	48	3.57	0.47	0.61	0.74	45	4.01	0.47	0.63	0.77				
	1615	53.5	2.88	0.48	0.6	0.73	51.5	3.2	0.47	0.61	0.75	48.5	3.57	0.48	0.63	0.77	45.5	4.01	0.49	0.65	0.8				
	1805	55	2.89	0.48	0.62	0.75	52.5	3.21	0.49	0.63	0.78	49.5	3.58	0.49	0.64	0.8	46.5	4.02	0.5	0.66	0.83				

XP16-048-230-05 - CH33-60D-2F + SLP98UH135V60D - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
960	37.8	2.65	35.5	2.6	33.2	2.54	30.9	2.49
1094	38.5	2.52	36.2	2.46	33.9	2.41	31.6	2.36
1290	39.5	2.37	37.3	2.31	35	2.26	32.7	2.2

XP16-048-230-05 - CH33-60D-2F + SLP98UH135V60D - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1445	53.8	3.57	42.2	3.21	30	2.85	22	2.46	10.8	1.84
1616	54.6	3.48	43	3.12	30.8	2.76	22.8	2.37	11.6	1.75
1805	55.4	3.4	43.8	3.05	31.6	2.69	23.6	2.3	12.4	1.67

XP16-048-230-05 - CH33-60D-2F + SLP98UH135V60D HEATING PERFORMANCE at 1616 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.48	54.6
60	3.39	52
55	3.31	49.3
50	3.22	46.7
47	3.17	45.1
45	3.12	43
40	3.01	37.9
35	2.9	32.7
30	2.83	31.7
25	2.76	30.8
20	2.69	29.9
17	2.65	29.3
15	2.62	28.2
10	2.53	25.6
5	2.37	22.8
0	2.22	20
-5	2.06	17.2
-10	1.9	14.4
-15	1.75	11.6
-20	1.59	8.8

XP16-048-230-05 - CH33-62D-2F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F
63°F	1050	37	1.69	0.75	0.89	1	35.4	1.94	0.77	0.91	1	33.6	2.24	0.79	0.93	1	31.6	2.58	0.81	0.97	1
	1200	38	1.68	0.78	0.92	1	36.6	1.94	0.8	0.95	1	34.6	2.23	0.82	0.98	1	32.6	2.57	0.85	1	1
	1350	39	1.67	0.79	0.95	1	37.4	1.93	0.82	0.98	1	35.4	2.22	0.85	1	1	33.6	2.55	0.88	1	1
67°F	1050	39	1.67	0.6	0.73	0.85	37.4	1.93	0.61	0.74	0.87	35.6	2.22	0.63	0.76	0.9	33.6	2.56	0.64	0.79	0.93
	1200	40	1.66	0.62	0.75	0.89	38.5	1.92	0.63	0.77	0.91	36.6	2.21	0.64	0.79	0.94	34.6	2.54	0.66	0.82	0.97
	1350	40.5	1.66	0.62	0.77	0.92	39	1.91	0.64	0.79	0.94	37.4	2.2	0.66	0.82	0.98	35.2	2.53	0.68	0.85	1
71°F	1050	40	1.66	0.47	0.59	0.7	39	1.91	0.47	0.59	0.72	37.2	2.2	0.47	0.61	0.74	35.2	2.53	0.48	0.63	0.76
	1200	41	1.65	0.48	0.6	0.73	39.5	1.9	0.48	0.61	0.74	38	2.19	0.48	0.63	0.76	36.2	2.52	0.5	0.65	0.79
	1350	42	1.64	0.48	0.61	0.74	40.5	1.9	0.49	0.62	0.77	39	2.18	0.5	0.64	0.79	36.8	2.51	0.5	0.66	0.82

XP16-048-230-05 - CH33-62D-2F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F
63°F	1400	48	2.92	0.75	0.88	1	45.5	3.24	0.77	0.9	1	43.5	3.61	0.79	0.93	1	40.5	4.05	0.81	0.96	1
	1600	49	2.94	0.78	0.92	1	47	3.26	0.8	0.95	1	44.5	3.63	0.82	0.97	1	41.5	4.07	0.84	1	1
	1800	50.5	2.95	0.8	0.95	1	48	3.27	0.82	0.98	1	45.5	3.64	0.85	1	1	43	4.09	0.87	1	1
67°F	1400	50	2.95	0.61	0.73	0.85	48	3.27	0.61	0.74	0.87	45.5	3.64	0.63	0.76	0.9	43	4.09	0.64	0.79	0.93
	1600	51.5	2.97	0.62	0.75	0.89	49.5	3.29	0.63	0.77	0.91	47	3.66	0.64	0.79	0.94	44	4.1	0.66	0.82	0.98
	1800	52.5	2.98	0.63	0.78	0.92	50.5	3.3	0.65	0.8	0.95	48	3.67	0.66	0.82	0.98	45	4.11	0.68	0.85	1
71°F	1400	52.5	2.98	0.47	0.59	0.7	50	3.29	0.47	0.6	0.72	47.5	3.67	0.48	0.61	0.74	45	4.11	0.48	0.63	0.76
	1600	53.5	2.99	0.48	0.61	0.73	51.5	3.31	0.49	0.61	0.75	49	3.69	0.49	0.63	0.77	46	4.13	0.49	0.65	0.79
	1800	54.5	3	0.49	0.62	0.75	52.5	3.32	0.49	0.63	0.77	50	3.7	0.49	0.65	0.8	47	4.14	0.51	0.67	0.82

XP16-048-230-05 - CH33-62D-2F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1050	36.8	2.47	34.9	2.43	33	2.4	31.1	2.36
1200	37.7	2.36	35.8	2.32	33.9	2.28	32.1	2.24
1350	38.2	2.26	36.3	2.23	34.4	2.19	32.5	2.15

XP16-048-230-05 - CH33-62D-2F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1400	51.8	3.4	41.1	3.1	29.7	2.79	22.6	2.47	11.1	1.84
1600	52.5	3.29	41.8	2.99	30.4	2.67	23.3	2.36	11.8	1.73
1800	53.1	3.21	42.5	2.91	31	2.59	24	2.27	12.4	1.64

XP16-048-230-05 - CH33-62D-2F

HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.29	52.5
60	3.22	50.1
55	3.15	47.7
50	3.08	45.3
47	3.04	43.9
45	2.99	41.8
40	2.87	36.7
35	2.75	31.5
30	2.71	30.9
25	2.67	30.4
20	2.64	29.9
17	2.61	29.6
15	2.58	28.6
10	2.51	26.2
5	2.36	23.3
0	2.2	20.4
-5	2.04	17.6
-10	1.88	14.7
-15	1.73	11.8
-20	1.57	8.9

XP16-048-230-05 - CH33-62D-2F + SL280UH135V60D - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	965	36	1.7	0.73	0.86	0.98	34.6	1.95	0.75	0.88	1	32.8	2.25	0.76	0.9	1	30.8	2.59	0.78	0.93	1				
	1120	37.4	1.68	0.76	0.9	1	35.8	1.94	0.78	0.92	1	34	2.24	0.8	0.95	1	32	2.58	0.82	0.98	1				
	1350	38.5	1.67	0.79	0.95	1	37.2	1.93	0.81	0.98	1	35.4	2.22	0.84	1	1	33.4	2.56	0.87	1	1				
67°F	965	37.8	1.68	0.59	0.7	0.82	36.4	1.94	0.59	0.72	0.84	34.8	2.23	0.61	0.74	0.86	32.8	2.57	0.62	0.76	0.89				
	1120	39	1.67	0.6	0.73	0.86	37.6	1.92	0.61	0.75	0.88	36	2.22	0.62	0.77	0.91	34	2.55	0.64	0.79	0.94				
	1350	40.5	1.66	0.62	0.77	0.91	39	1.91	0.63	0.79	0.94	37.2	2.2	0.65	0.81	0.97	35.2	2.54	0.67	0.84	1				
71°F	965	39.5	1.67	0.46	0.57	0.68	38	1.92	0.45	0.58	0.69	36.4	2.21	0.46	0.59	0.71	34.4	2.55	0.46	0.6	0.73				
	1120	40.5	1.66	0.47	0.59	0.7	39	1.91	0.47	0.59	0.72	37.4	2.2	0.47	0.61	0.74	35.6	2.53	0.47	0.62	0.77				
	1350	41.5	1.64	0.48	0.6	0.74	40	1.9	0.48	0.62	0.76	38.5	2.19	0.49	0.63	0.78	36.6	2.52	0.49	0.65	0.81				

XP16-048-230-05 - CH33-62D-2F + SL280UH135V60D - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	1420	48	2.92	0.75	0.88	1	45.5	3.24	0.77	0.9	1	43.5	3.61	0.78	0.93	1	40.5	4.05	0.81	0.96	1				
	1600	49	2.94	0.77	0.92	1	47	3.25	0.79	0.94	1	44.5	3.62	0.81	0.97	1	41.5	4.07	0.84	1	1				
	1835	50.5	2.95	0.8	0.96	1	48	3.27	0.82	0.98	1	45.5	3.64	0.85	1	1	43	4.09	0.88	1	1				
67°F	1420	50	2.95	0.6	0.72	0.85	48	3.27	0.61	0.74	0.87	45.5	3.64	0.62	0.76	0.89	43	4.09	0.63	0.78	0.93				
	1600	51.5	2.97	0.61	0.75	0.88	49	3.28	0.63	0.77	0.91	47	3.66	0.64	0.79	0.93	44	4.1	0.65	0.81	0.97				
	1835	52.5	2.98	0.63	0.78	0.92	50.5	3.3	0.65	0.8	0.95	48	3.67	0.66	0.82	0.98	45	4.11	0.68	0.85	1				
71°F	1420	52	2.98	0.47	0.59	0.7	50	3.29	0.47	0.59	0.71	47.5	3.67	0.47	0.6	0.73	45	4.11	0.47	0.62	0.76				
	1600	53.5	2.99	0.48	0.6	0.72	51	3.31	0.48	0.61	0.74	48.5	3.68	0.48	0.62	0.76	46	4.13	0.49	0.64	0.79				
	1835	54.5	3	0.49	0.62	0.75	52.5	3.32	0.49	0.63	0.77	50	3.7	0.49	0.65	0.8	47	4.14	0.5	0.67	0.83				

XP16-048-230-05 - CH33-62D-2F + SL280UH135V60D - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
964	36.2	2.55	34.4	2.51	32.5	2.47	30.6	2.43
1122	36.8	2.39	34.9	2.35	33	2.31	31.2	2.27
1350	37.6	2.25	35.7	2.21	33.8	2.17	31.9	2.13

XP16-048-230-05 - CH33-62D-2F + SL280UH135V60D - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1420	51.3	3.38	40.6	3.07	29.1	2.76	22	2.44	10.7	1.81
1600	52.1	3.28	41.4	2.98	29.9	2.67	22.8	2.35	11.5	1.72
1835	53	3.19	42.3	2.89	30.8	2.58	23.7	2.26	12.4	1.63

XP16-048-230-05 - CH33-62D-2F + SL280UH135V60D HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.28	52.1
60	3.21	49.7
55	3.14	47.3
50	3.07	44.9
47	3.03	43.4
45	2.98	41.4
40	2.86	36.2
35	2.75	31
30	2.71	30.5
25	2.67	29.9
20	2.63	29.4
17	2.6	29
15	2.57	28.1
10	2.5	25.7
5	2.35	22.8
0	2.19	20
-5	2.03	17.2
-10	1.88	14.4
-15	1.72	11.5
-20	1.56	8.7

XP16-048-230-05 - CH33-62D-2F + SLP98UH135V60D - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	960	36	1.7	0.73	0.86	0.98	34.6	1.95	0.75	0.88	1	32.8	2.25	0.76	0.9	1	30.8	2.59	0.78	0.93	1				
	1095	37.2	1.69	0.75	0.89	1	35.6	1.94	0.77	0.91	1	33.8	2.24	0.79	0.94	1	31.8	2.58	0.81	0.97	1				
	1290	38.5	1.68	0.78	0.93	1	36.8	1.93	0.8	0.96	1	35	2.23	0.83	0.99	1	33	2.56	0.86	1	1				
67°F	960	37.8	1.68	0.59	0.7	0.82	36.4	1.94	0.59	0.72	0.84	34.8	2.23	0.61	0.74	0.86	32.8	2.57	0.62	0.76	0.89				
	1095	39	1.67	0.6	0.73	0.85	37.4	1.93	0.61	0.74	0.88	35.8	2.22	0.62	0.77	0.9	33.8	2.55	0.64	0.79	0.93				
	1290	40	1.66	0.62	0.76	0.9	38.5	1.91	0.63	0.77	0.92	37	2.2	0.64	0.8	0.95	34.8	2.54	0.66	0.83	0.99				
71°F	960	39.5	1.67	0.46	0.57	0.68	38	1.92	0.45	0.58	0.69	36.4	2.21	0.46	0.59	0.71	34.4	2.55	0.46	0.6	0.73				
	1095	40.5	1.66	0.47	0.58	0.7	39	1.91	0.47	0.59	0.72	37.4	2.2	0.47	0.61	0.74	35.4	2.53	0.48	0.62	0.76				
	1290	41.5	1.65	0.48	0.6	0.73	40	1.9	0.47	0.61	0.75	38.5	2.19	0.48	0.63	0.77	36.4	2.52	0.49	0.65	0.8				

XP16-048-230-05 - CH33-62D-2F + SLP98UH135V60D - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1445	48	2.93	0.75	0.89	1	46	3.24	0.77	0.91	1	43.5	3.61	0.79	0.94	1	41	4.05	0.81	0.97	1				
	1615	49	2.94	0.78	0.92	1	47	3.26	0.79	0.94	1	44.5	3.63	0.82	0.97	1	41.5	4.07	0.84	1	1				
	1805	50.5	2.95	0.8	0.95	1	48	3.27	0.82	0.98	1	45.5	3.64	0.84	1	1	43	4.09	0.87	1	1				
67°F	1445	50.5	2.95	0.6	0.73	0.85	48	3.27	0.61	0.74	0.87	46	3.64	0.62	0.76	0.9	43	4.09	0.64	0.79	0.93				
	1615	51.5	2.97	0.62	0.75	0.88	49.5	3.29	0.63	0.77	0.91	47	3.66	0.64	0.79	0.94	44	4.1	0.66	0.82	0.97				
	1805	52.5	2.98	0.63	0.77	0.92	50.5	3.3	0.64	0.79	0.95	48	3.67	0.66	0.82	0.98	45	4.11	0.68	0.85	1				
71°F	1445	52.5	2.98	0.47	0.59	0.7	50	3.3	0.47	0.6	0.72	48	3.67	0.47	0.61	0.74	45	4.12	0.47	0.62	0.76				
	1615	53.5	2.99	0.48	0.6	0.72	51.5	3.31	0.48	0.61	0.74	49	3.68	0.48	0.63	0.77	46	4.13	0.49	0.64	0.79				
	1805	54.5	3	0.48	0.62	0.75	52	3.32	0.49	0.63	0.77	49.5	3.69	0.49	0.65	0.79	47	4.14	0.5	0.66	0.82				

XP16-048-230-05 - CH33-62D-2F + SLP98UH135V60D - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
960	36	2.56	34.2	2.51	32.4	2.47	30.6	2.42
1094	36.5	2.43	34.7	2.38	32.9	2.34	31.1	2.29
1290	37.6	2.29	35.7	2.24	33.9	2.2	32.1	2.15

XP16-048-230-05 - CH33-62D-2F + SLP98UH135V60D - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1445	51.4	3.36	40.7	3.06	29.3	2.75	22.2	2.43	10.8	1.81
1616	52.2	3.27	41.5	2.97	30	2.66	22.9	2.34	11.6	1.72
1805	52.9	3.2	42.2	2.9	30.7	2.59	23.6	2.27	12.3	1.64

XP16-048-230-05 - CH33-62D-2F + SLP98UH135V60D HEATING PERFORMANCE at 1616 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.27	52.2
60	3.2	49.8
55	3.13	47.4
50	3.06	45
47	3.02	43.5
45	2.97	41.5
40	2.86	36.3
35	2.74	31.1
30	2.7	30.6
25	2.66	30
20	2.62	29.4
17	2.6	29.1
15	2.57	28.1
10	2.5	25.7
5	2.34	22.9
0	2.19	20.1
-5	2.03	17.2
-10	1.87	14.4
-15	1.72	11.6
-20	1.56	8.7

XP16-048-230-05 - CR33-50/60C-F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	1050	36.8	1.71	0.76	0.9	1	35.4	1.97	0.78	0.92	1	33.8	2.27	0.8	0.95	1	31.8	2.61	0.83	0.99	1
	1200	37.6	1.69	0.79	0.94	1	36.2	1.96	0.81	0.97	1	34.6	2.26	0.84	0.99	1	33	2.6	0.87	1	1
	1350	38.5	1.69	0.82	0.97	1	37.2	1.95	0.84	0.99	1	35.8	2.24	0.87	1	1	34	2.59	0.91	1	1
67°F	1050	39	1.68	0.61	0.74	0.86	37.6	1.95	0.62	0.75	0.89	35.8	2.24	0.63	0.78	0.92	33.8	2.59	0.65	0.8	0.95
	1200	40	1.67	0.63	0.77	0.9	38.5	1.93	0.64	0.79	0.93	36.8	2.23	0.66	0.81	0.96	34.6	2.58	0.67	0.84	0.99
	1350	41	1.66	0.64	0.79	0.94	39.5	1.92	0.66	0.82	0.97	37.4	2.23	0.68	0.84	0.99	35.4	2.57	0.7	0.88	1
71°F	1050	41	1.66	0.47	0.6	0.71	39.5	1.92	0.47	0.61	0.73	37.8	2.22	0.48	0.62	0.75	35.8	2.56	0.48	0.63	0.77
	1200	42	1.65	0.48	0.61	0.74	40.5	1.91	0.48	0.63	0.76	39	2.21	0.49	0.64	0.78	36.6	2.55	0.5	0.66	0.81
	1350	43	1.64	0.49	0.63	0.77	41.5	1.9	0.5	0.64	0.79	39.5	2.19	0.5	0.66	0.82	37.4	2.54	0.51	0.68	0.85

XP16-048-230-05 - CR33-50/60C-F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F
63°F	1400	48	2.88	0.76	0.89	0.99	46	3.22	0.77	0.91	1	43.5	3.63	0.79	0.94	1	41	4.12	0.82	0.97	1
	1600	49.5	2.89	0.78	0.92	1	47	3.22	0.8	0.95	1	44.5	3.64	0.82	0.98	1	42.5	4.12	0.86	1	1
	1800	50.5	2.9	0.81	0.96	1	48	3.24	0.83	0.98	1	46	3.64	0.85	1	1	43.5	4.13	0.89	1	1
67°F	1400	51	2.9	0.61	0.73	0.85	48.5	3.23	0.62	0.75	0.87	46	3.64	0.63	0.77	0.9	43.5	4.14	0.65	0.79	0.94
	1600	52	2.91	0.63	0.76	0.89	50	3.25	0.64	0.78	0.91	47.5	3.65	0.65	0.8	0.95	44.5	4.14	0.67	0.83	0.98
	1800	53	2.91	0.64	0.78	0.92	51	3.26	0.65	0.8	0.95	48	3.66	0.67	0.83	0.98	45	4.13	0.69	0.86	1
71°F	1400	53.5	2.91	0.47	0.6	0.71	51	3.26	0.47	0.6	0.72	48.5	3.65	0.48	0.62	0.74	46	4.15	0.48	0.63	0.77
	1600	54.5	2.92	0.48	0.61	0.73	52.5	3.26	0.49	0.62	0.75	50	3.67	0.49	0.64	0.77	47	4.16	0.5	0.65	0.8
	1800	55.5	2.93	0.49	0.63	0.76	53.5	3.27	0.49	0.64	0.78	50.5	3.67	0.5	0.66	0.8	47.5	4.16	0.51	0.68	0.84

XP16-048-230-05 - CR33-50/60C-F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1050	39.3	2.43	37	2.4	34.8	2.36	32.6	2.33
1200	40.1	2.32	37.8	2.28	35.6	2.25	33.3	2.21
1350	40.4	2.23	38.2	2.19	35.9	2.16	33.7	2.12

XP16-048-230-05 - CR33-50/60C-F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1400	53.5	3.35	42.4	3.05	30.5	2.75	23	2.41	11.3	1.79
1600	54.1	3.25	43	2.95	31.2	2.64	23.7	2.31	12	1.69
1800	54.7	3.17	43.6	2.88	31.8	2.57	24.3	2.23	12.6	1.62

XP16-048-230-05 - CR33-50/60C-F HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.25	54.1
60	3.18	51.6
55	3.1	49.1
50	3.03	46.6
47	2.99	45.1
45	2.95	43
40	2.85	37.8
35	2.75	32.5
30	2.69	31.8
25	2.64	31.2
20	2.59	30.5
17	2.56	30.1
15	2.53	29.1
10	2.46	26.6
5	2.31	23.7
0	2.15	20.7
-5	2	17.8
-10	1.84	14.9
-15	1.69	12
-20	1.54	9

XP16-048-230-05 - CR33-60D-F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1050	36.8	1.71	0.76	0.9	1	35.4	1.97	0.78	0.92	1	33.8	2.27	0.8	0.95	1	31.8	2.61	0.83	0.99	1				
	1200	37.6	1.69	0.79	0.94	1	36.2	1.96	0.81	0.97	1	34.6	2.26	0.84	0.99	1	33	2.6	0.87	1	1				
	1350	38.5	1.69	0.82	0.97	1	37.2	1.95	0.84	0.99	1	35.8	2.24	0.87	1	1	34	2.59	0.91	1	1				
67°F	1050	39	1.68	0.61	0.74	0.86	37.6	1.95	0.62	0.75	0.89	35.8	2.24	0.63	0.78	0.92	33.8	2.59	0.65	0.8	0.95				
	1200	40	1.67	0.63	0.77	0.9	38.5	1.93	0.64	0.79	0.93	36.8	2.23	0.66	0.81	0.96	34.6	2.58	0.67	0.84	0.99				
	1350	41	1.66	0.64	0.79	0.94	39.5	1.92	0.66	0.82	0.97	37.4	2.23	0.68	0.84	0.99	35.4	2.57	0.7	0.88	1				
71°F	1050	41	1.66	0.47	0.6	0.71	39.5	1.92	0.47	0.61	0.73	37.8	2.22	0.48	0.62	0.75	35.8	2.56	0.48	0.63	0.77				
	1200	42	1.65	0.48	0.61	0.74	40.5	1.91	0.48	0.63	0.76	39	2.21	0.49	0.64	0.78	36.6	2.55	0.5	0.66	0.81				
	1350	43	1.64	0.49	0.63	0.77	41.5	1.9	0.5	0.64	0.79	39.5	2.19	0.5	0.66	0.82	37.4	2.54	0.51	0.68	0.85				

XP16-048-230-05 - CR33-60D-F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1400	48	2.88	0.76	0.89	0.99	46	3.22	0.77	0.91	1	43.5	3.63	0.79	0.94	1	41	4.12	0.82	0.97	1				
	1600	49.5	2.89	0.78	0.92	1	47	3.22	0.8	0.95	1	44.5	3.64	0.82	0.98	1	42.5	4.12	0.86	1	1				
	1800	50.5	2.9	0.81	0.96	1	48	3.24	0.83	0.98	1	46	3.64	0.85	1	1	43.5	4.13	0.89	1	1				
67°F	1400	51	2.9	0.61	0.73	0.85	48.5	3.23	0.62	0.75	0.87	46	3.64	0.63	0.77	0.9	43.5	4.14	0.65	0.79	0.94				
	1600	52	2.91	0.63	0.76	0.89	50	3.25	0.64	0.78	0.91	47.5	3.65	0.65	0.8	0.95	44.5	4.14	0.67	0.83	0.98				
	1800	53	2.91	0.64	0.78	0.92	51	3.26	0.65	0.8	0.95	48	3.66	0.67	0.83	0.98	45	4.13	0.69	0.86	1				
71°F	1400	53.5	2.91	0.47	0.6	0.71	51	3.26	0.47	0.6	0.72	48.5	3.65	0.48	0.62	0.74	46	4.15	0.48	0.63	0.77				
	1600	54.5	2.92	0.48	0.61	0.73	52.5	3.26	0.49	0.62	0.75	50	3.67	0.49	0.64	0.77	47	4.16	0.5	0.65	0.8				
	1800	55.5	2.93	0.49	0.63	0.76	53.5	3.27	0.49	0.64	0.78	50.5	3.67	0.5	0.66	0.8	47.5	4.16	0.51	0.68	0.84				

XP16-048-230-05 - CR33-60D-F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1050	39.3	2.43	37	2.4	34.8	2.36	32.6	2.33
1200	40.1	2.32	37.8	2.28	35.6	2.25	33.3	2.21
1350	40.4	2.23	38.2	2.19	35.9	2.16	33.7	2.12

XP16-048-230-05 - CR33-60D-F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1400	53.5	3.35	42.4	3.05	30.5	2.75	23	2.41	11.3	1.79
1600	54.1	3.25	43	2.95	31.2	2.64	23.7	2.31	12	1.69
1800	54.7	3.17	43.6	2.88	31.8	2.57	24.3	2.23	12.6	1.62

XP16-048-230-05 - CR33-60D-F HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.25	54.1
60	3.18	51.6
55	3.1	49.1
50	3.03	46.6
47	2.99	45.1
45	2.95	43
40	2.85	37.8
35	2.75	32.5
30	2.69	31.8
25	2.64	31.2
20	2.59	30.5
17	2.56	30.1
15	2.53	29.1
10	2.46	26.6
5	2.31	23.7
0	2.15	20.7
-5	2	17.8
-10	1.84	14.9
-15	1.69	12
-20	1.54	9

XP16-048-230-05 - CX34-60D-6F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
63°F	1050	36.8	1.68	0.77	0.9	1	35	1.94	0.79	0.93	1	33.2	2.24	0.8	0.96	1	31.2	2.58	0.83	0.99	1				
	1200	38	1.67	0.8	0.95	1	36	1.93	0.82	0.97	1	34.2	2.23	0.84	1	1	32.2	2.56	0.87	1	1				
	1350	39	1.66	0.83	0.99	1	37	1.93	0.85	1	1	35.2	2.21	0.88	1	1	33.4	2.55	0.91	1	1				
67°F	1050	39	1.66	0.61	0.74	0.87	37.2	1.92	0.62	0.76	0.89	35.2	2.21	0.63	0.78	0.92	33	2.55	0.64	0.81	0.96				
	1200	40	1.65	0.63	0.77	0.91	38	1.91	0.64	0.79	0.94	36.2	2.2	0.66	0.82	0.97	33.8	2.54	0.68	0.85	1				
	1350	41	1.64	0.65	0.8	0.95	39	1.9	0.66	0.83	0.98	37	2.19	0.67	0.85	1	34.6	2.53	0.7	0.89	1				
71°F	1050	41.5	1.64	0.47	0.59	0.72	39.5	1.89	0.47	0.6	0.73	37.4	2.19	0.48	0.62	0.76	35	2.52	0.48	0.64	0.78				
	1200	42.5	1.63	0.48	0.62	0.75	40.5	1.88	0.48	0.63	0.77	38.5	2.17	0.49	0.64	0.79	36	2.51	0.5	0.66	0.82				
	1350	43.5	1.61	0.49	0.64	0.78	41.5	1.87	0.49	0.65	0.8	39	2.16	0.5	0.67	0.83	36.6	2.5	0.51	0.69	0.86				

XP16-048-230-05 - CX34-60D-6F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
63°F	1400	47.5	2.92	0.76	0.9	1	45	3.24	0.78	0.92	1	42.5	3.61	0.8	0.95	1	40	4.05	0.83	0.99	1				
	1600	49	2.94	0.79	0.94	1	46.5	3.26	0.81	0.97	1	44	3.62	0.84	0.99	1	41.5	4.06	0.87	1	1				
	1800	50	2.96	0.82	0.98	1	47.5	3.27	0.84	1	1	45	3.64	0.87	1	1	42.5	4.08	0.9	1	1				
67°F	1400	50	2.95	0.61	0.74	0.86	47.5	3.27	0.62	0.76	0.89	45	3.64	0.63	0.78	0.92	42.5	4.08	0.65	0.8	0.95				
	1600	51.5	2.97	0.63	0.77	0.91	49	3.29	0.64	0.79	0.93	46.5	3.66	0.66	0.81	0.96	43.5	4.09	0.68	0.84	1				
	1800	52.5	2.99	0.65	0.8	0.94	50	3.3	0.66	0.82	0.97	47.5	3.67	0.68	0.84	1	44	4.11	0.7	0.88	1				
71°F	1400	52	2.98	0.47	0.6	0.71	50	3.3	0.48	0.6	0.73	47.5	3.67	0.48	0.62	0.75	44.5	4.11	0.49	0.63	0.78				
	1600	53.5	3	0.48	0.61	0.75	51	3.31	0.48	0.63	0.76	48.5	3.68	0.49	0.64	0.79	45.5	4.12	0.5	0.66	0.82				
	1800	55	3.01	0.49	0.63	0.77	52.5	3.33	0.49	0.65	0.79	49.5	3.7	0.5	0.66	0.82	46.5	4.14	0.5	0.69	0.85				

XP16-048-230-05 - CX34-60D-6F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1050	37	2.47	35.2	2.44	33.3	2.4	31.4	2.37
1200	37.9	2.35	36	2.32	34.2	2.29	32.3	2.25
1350	38.4	2.26	36.5	2.22	34.6	2.19	32.8	2.16

XP16-048-230-05 - CX34-60D-6F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1400	52.3	3.47	41.5	3.14	29.9	2.82	22.6	2.46	11.1	1.84
1600	52.9	3.35	42.1	3.03	30.6	2.7	23.3	2.34	11.8	1.72
1800	53.5	3.26	42.7	2.94	31.2	2.61	23.9	2.25	12.4	1.63

XP16-048-230-05 - CX34-60D-6F

HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.35	52.9
60	3.27	50.5
55	3.19	48.1
50	3.11	45.6
47	3.07	44.2
45	3.03	42.1
40	2.92	37
35	2.81	31.8
30	2.76	31.2
25	2.7	30.6
20	2.64	30
17	2.6	29.6
15	2.57	28.6
10	2.49	26.2
5	2.34	23.3
0	2.18	20.4
-5	2.03	17.5
-10	1.87	14.6
-15	1.72	11.8
-20	1.56	8.9

XP16-048-230-05 - CX34-60D-6F + SL280UH135V60D - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	965	35.8	1.69	0.74	0.87	0.99	34.2	1.95	0.76	0.89	1	32.4	2.25	0.78	0.92	1	30.4	2.59	0.8	0.95	1				
	1120	37.2	1.68	0.77	0.92	1	35.4	1.94	0.79	0.94	1	33.6	2.23	0.81	0.97	1	31.4	2.57	0.84	1	1				
	1350	38.5	1.66	0.82	0.98	1	37	1.92	0.84	1	1	35.2	2.21	0.87	1	1	33.2	2.55	0.9	1	1				
67°F	965	38	1.67	0.59	0.72	0.84	36.2	1.93	0.6	0.73	0.86	34.2	2.22	0.61	0.75	0.88	32.2	2.56	0.62	0.77	0.92				
	1120	39.5	1.66	0.61	0.75	0.88	37.6	1.92	0.62	0.77	0.91	35.4	2.21	0.63	0.79	0.94	33.2	2.55	0.65	0.82	0.97				
	1350	41	1.64	0.64	0.8	0.95	39	1.9	0.65	0.82	0.98	36.8	2.19	0.67	0.85	1	34.4	2.53	0.69	0.88	1				
71°F	965	40	1.65	0.45	0.58	0.69	38.5	1.9	0.45	0.58	0.71	36.4	2.2	0.46	0.59	0.72	34.2	2.54	0.47	0.6	0.75				
	1120	41.5	1.63	0.46	0.59	0.72	40	1.89	0.47	0.61	0.74	37.6	2.18	0.47	0.62	0.76	35.4	2.52	0.48	0.64	0.79				
	1350	43.5	1.61	0.48	0.63	0.77	41	1.87	0.48	0.64	0.79	39	2.16	0.49	0.66	0.82	36.6	2.5	0.5	0.68	0.85				

XP16-048-230-05 - CX34-60D-6F + SL280UH135V60D - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1420	47.5	2.92	0.76	0.9	1	45	3.24	0.78	0.92	1	42.5	3.61	0.8	0.95	1	40	4.05	0.83	0.99	1				
	1600	48.5	2.94	0.79	0.94	1	46.5	3.25	0.81	0.96	1	44	3.62	0.83	0.99	1	41	4.06	0.86	1	1				
	1835	50	2.96	0.82	0.98	1	47.5	3.27	0.84	1	1	45	3.64	0.87	1	1	42.5	4.08	0.91	1	1				
67°F	1420	50	2.95	0.61	0.74	0.86	47.5	3.27	0.62	0.75	0.89	45	3.64	0.63	0.78	0.92	42.5	4.08	0.64	0.8	0.95				
	1600	51	2.97	0.62	0.76	0.9	49	3.28	0.64	0.78	0.93	46	3.65	0.65	0.81	0.96	43	4.09	0.67	0.84	0.99				
	1835	52.5	2.99	0.65	0.8	0.95	50	3.3	0.66	0.82	0.98	47.5	3.67	0.68	0.85	1	44	4.11	0.7	0.88	1				
71°F	1420	52	2.98	0.46	0.59	0.71	50	3.3	0.47	0.6	0.73	47.5	3.67	0.47	0.62	0.75	44.5	4.11	0.48	0.63	0.78				
	1600	53.5	3	0.47	0.61	0.74	51	3.31	0.48	0.62	0.76	48.5	3.68	0.48	0.64	0.78	45.5	4.12	0.49	0.66	0.81				
	1835	55	3.01	0.48	0.63	0.77	52.5	3.33	0.49	0.65	0.8	49.5	3.7	0.5	0.66	0.82	46.5	4.14	0.5	0.69	0.86				

XP16-048-230-05 - CX34-60D-6F + SL280UH135V60D - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
964	36.3	2.54	34.5	2.5	32.6	2.46	30.8	2.43
1122	36.9	2.4	35.1	2.36	33.2	2.32	31.4	2.29
1350	37.8	2.25	35.9	2.21	34.1	2.17	32.2	2.14

XP16-048-230-05 - CX34-60D-6F + SL280UH135V60D - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1420	51.7	3.44	40.9	3.11	29.3	2.78	22	2.43	10.8	1.81
1600	52.5	3.34	41.6	3.02	30.1	2.69	22.8	2.33	11.5	1.71
1835	53.4	3.24	42.5	2.92	31	2.59	23.7	2.23	12.4	1.62

XP16-048-230-05 - CX34-60D-6F + SL280UH135V60D HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.34	52.5
60	3.26	50
55	3.18	47.6
50	3.11	45.2
47	3.06	43.7
45	3.02	41.6
40	2.91	36.5
35	2.8	31.4
30	2.75	30.7
25	2.69	30.1
20	2.63	29.4
17	2.59	29
15	2.56	28.1
10	2.49	25.6
5	2.33	22.8
0	2.18	20
-5	2.02	17.2
-10	1.87	14.3
-15	1.71	11.5
-20	1.56	8.7

XP16-048-230-05 - CX34-60D-6F + SLP98UH135V60D - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	960	35.8	1.69	0.74	0.87	1	34.2	1.95	0.76	0.89	1	32.2	2.25	0.78	0.92	1	30.2	2.59	0.8	0.95	1				
	1095	37	1.68	0.77	0.91	1	35.2	1.94	0.79	0.93	1	33.4	2.24	0.81	0.96	1	31.2	2.58	0.83	1	1				
	1290	38.5	1.67	0.81	0.96	1	36.6	1.93	0.83	0.99	1	34.6	2.22	0.86	1	1	32.8	2.55	0.89	1	1				
67°F	960	38	1.67	0.59	0.72	0.84	36.2	1.93	0.6	0.73	0.86	34.2	2.22	0.61	0.75	0.88	32.2	2.56	0.62	0.77	0.92				
	1095	39	1.66	0.6	0.74	0.88	37.4	1.92	0.62	0.76	0.9	35.4	2.21	0.63	0.78	0.93	33.2	2.55	0.65	0.81	0.96				
	1290	40.5	1.64	0.64	0.78	0.93	38.5	1.9	0.65	0.8	0.96	36.6	2.2	0.66	0.83	0.99	34.2	2.53	0.68	0.86	1				
71°F	960	40	1.65	0.45	0.58	0.69	38.5	1.9	0.45	0.58	0.71	36.4	2.2	0.46	0.59	0.72	34.2	2.54	0.47	0.6	0.75				
	1095	41.5	1.64	0.46	0.59	0.72	39.5	1.89	0.47	0.59	0.74	37.4	2.18	0.47	0.62	0.76	35.2	2.52	0.48	0.63	0.78				
	1290	43	1.62	0.47	0.62	0.76	41	1.87	0.48	0.63	0.78	38.5	2.17	0.49	0.65	0.81	36.2	2.51	0.5	0.67	0.84				

XP16-048-230-05 - CX34-60D-6F + SLP98UH135V60D - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	1445	47.5	2.93	0.76	0.9	1	45.5	3.24	0.78	0.93	1	43	3.61	0.8	0.96	1	40	4.05	0.83	0.99	1				
	1615	49	2.94	0.79	0.94	1	46.5	3.26	0.81	0.97	1	44	3.62	0.83	0.99	1	41	4.06	0.86	1	1				
	1805	50	2.96	0.82	0.98	1	47.5	3.27	0.84	1	1	45	3.64	0.87	1	1	42.5	4.08	0.9	1	1				
67°F	1445	50	2.96	0.61	0.74	0.87	48	3.27	0.62	0.76	0.89	45	3.64	0.63	0.78	0.92	42.5	4.08	0.65	0.81	0.96				
	1615	51.5	2.97	0.62	0.77	0.9	49	3.29	0.64	0.79	0.93	46.5	3.66	0.65	0.81	0.96	43.5	4.09	0.67	0.84	1				
	1805	52.5	2.99	0.64	0.79	0.94	50	3.3	0.66	0.82	0.97	47	3.67	0.67	0.84	1	44	4.11	0.69	0.88	1				
71°F	1445	52.5	2.99	0.47	0.6	0.71	50	3.3	0.47	0.6	0.73	47.5	3.67	0.47	0.62	0.76	44.5	4.11	0.48	0.64	0.78				
	1615	53.5	3	0.48	0.61	0.75	51	3.31	0.48	0.62	0.76	48.5	3.68	0.49	0.64	0.79	45.5	4.12	0.5	0.66	0.82				
	1805	54.5	3.01	0.48	0.63	0.77	52.5	3.33	0.49	0.64	0.79	49.5	3.7	0.5	0.66	0.82	46.5	4.14	0.51	0.68	0.85				

XP16-048-230-05 - CX34-60D-6F + SLP98UH135V60D - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
960	36.4	2.54	34.5	2.51	32.6	2.47	30.7	2.43
1094	37	2.42	35.1	2.38	33.2	2.34	31.4	2.31
1290	37.6	2.28	35.7	2.24	33.8	2.2	32	2.17

XP16-048-230-05 - CX34-60D-6F + SLP98UH135V60D - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1445	51.9	3.42	41	3.1	29.5	2.77	22.2	2.42	10.9	1.8
1616	52.6	3.33	41.7	3.01	30.2	2.68	22.9	2.33	11.6	1.71
1805	53.3	3.25	42.4	2.93	30.8	2.61	23.5	2.25	12.2	1.63

XP16-048-230-05 - CX34-60D-6F + SLP98UH135V60D HEATING PERFORMANCE at 1616 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.33	52.6
60	3.25	50.1
55	3.18	47.7
50	3.1	45.3
47	3.05	43.8
45	3.01	41.7
40	2.91	36.6
35	2.8	31.5
30	2.74	30.8
25	2.68	30.2
20	2.63	29.5
17	2.59	29.1
15	2.56	28.1
10	2.48	25.7
5	2.33	22.9
0	2.17	20
-5	2.02	17.2
-10	1.86	14.4
-15	1.71	11.6
-20	1.56	8.7

XP16-048-230-05 - CX34-62C-6F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	1050	36.4	1.68	0.79	0.94	1	34.8	1.94	0.8	0.96	1	33	2.24	0.83	0.99	1	31	2.58	0.85	1	1				
	1200	37.6	1.67	0.82	0.98	1	35.8	1.93	0.84	1	1	34.2	2.22	0.87	1	1	32.4	2.56	0.9	1	1				
	1350	38.5	1.66	0.86	1	1	37.2	1.92	0.88	1	1	35.4	2.21	0.91	1	1	33.4	2.55	0.95	1	1				
67°F	1050	38.5	1.66	0.62	0.76	0.9	37	1.92	0.63	0.78	0.92	35	2.21	0.64	0.8	0.95	32.8	2.56	0.66	0.83	0.99				
	1200	40	1.65	0.64	0.8	0.95	38	1.9	0.65	0.82	0.97	36	2.2	0.67	0.84	1	33.6	2.54	0.69	0.87	1				
	1350	40.5	1.64	0.66	0.83	0.99	39	1.9	0.68	0.85	1	36.6	2.19	0.7	0.89	1	34.4	2.53	0.72	0.92	1				
71°F	1050	41	1.63	0.47	0.6	0.73	39	1.89	0.47	0.61	0.75	37	2.19	0.48	0.63	0.77	34.8	2.53	0.49	0.64	0.8				
	1200	42	1.62	0.48	0.63	0.77	40	1.88	0.49	0.64	0.79	38	2.17	0.49	0.65	0.82	35.8	2.51	0.5	0.68	0.84				
	1350	43	1.61	0.49	0.65	0.81	41	1.87	0.5	0.67	0.83	39	2.16	0.51	0.69	0.86	36.4	2.5	0.52	0.71	0.89				

XP16-048-230-05 - CX34-62C-6F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	1400	47	2.89	0.79	0.94	1	44.5	3.21	0.81	0.96	1	42	3.58	0.83	0.99	1	39.5	4.03	0.86	1	1				
	1600	48.5	2.91	0.82	0.98	1	46	3.22	0.85	1	1	43.5	3.6	0.87	1	1	41.5	4.05	0.91	1	1				
	1800	49.5	2.92	0.86	1	1	47.5	3.24	0.89	1	1	45	3.62	0.91	1	1	42.5	4.06	0.95	1	1				
67°F	1400	49.5	2.92	0.62	0.76	0.9	47.5	3.24	0.63	0.78	0.93	44.5	3.61	0.65	0.8	0.96	42	4.06	0.67	0.84	0.99				
	1600	51	2.94	0.64	0.8	0.95	48.5	3.25	0.66	0.82	0.98	46	3.63	0.67	0.85	1	42.5	4.07	0.69	0.88	1				
	1800	52	2.95	0.67	0.84	0.99	49.5	3.26	0.68	0.86	1	46.5	3.64	0.7	0.89	1	43.5	4.08	0.72	0.93	1				
71°F	1400	52.5	2.95	0.47	0.61	0.74	50	3.27	0.48	0.62	0.76	47	3.65	0.48	0.63	0.78	44	4.09	0.49	0.65	0.81				
	1600	53.5	2.97	0.49	0.63	0.78	51	3.29	0.49	0.64	0.8	48.5	3.66	0.5	0.66	0.82	45	4.1	0.51	0.68	0.86				
	1800	55	2.98	0.49	0.65	0.81	52	3.3	0.5	0.67	0.84	49	3.67	0.51	0.69	0.87	46	4.11	0.52	0.71	0.9				

XP16-048-230-05 - CX34-62C-6F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1050	36.4	2.32	34.5	2.29	32.7	2.26	30.8	2.24
1200	37.1	2.22	35.2	2.19	33.4	2.16	31.5	2.13
1350	37.5	2.14	35.6	2.11	33.8	2.08	31.9	2.05

XP16-048-230-05 - CX34-62C-6F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1400	50.7	3.16	40.4	2.91	29.2	2.66	22.5	2.38	11	1.76
1600	51.4	3.06	41	2.82	29.9	2.56	23.1	2.28	11.6	1.66
1800	52.1	2.99	41.7	2.75	30.6	2.49	23.8	2.21	12.3	1.59

XP16-048-230-05 - CX34-62C-6F

HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.06	51.4
60	3	49.1
55	2.95	46.7
50	2.89	44.4
47	2.85	43.1
45	2.82	41
40	2.72	35.8
35	2.62	30.7
30	2.59	30.3
25	2.56	29.9
20	2.53	29.5
17	2.51	29.2
15	2.49	28.3
10	2.43	26
5	2.28	23.1
0	2.13	20.3
-5	1.97	17.4
-10	1.82	14.5
-15	1.66	11.6
-20	1.51	8.8

XP16-048-230-05 - CX34-62C-6F + EL296UH110V48C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	1010	36	1.68	0.77	0.91	1	34.4	1.94	0.78	0.94	1	32.4	2.24	0.81	0.97	1	30.4	2.58	0.83	1	1				
	1135	37	1.68	0.8	0.95	1	35.2	1.94	0.82	0.98	1	33.4	2.23	0.84	1	1	31.6	2.57	0.87	1	1				
	1135	37	1.68	0.8	0.95	1	35.2	1.94	0.82	0.98	1	33.4	2.23	0.84	1	1	31.6	2.57	0.87	1	1				
67°F	1010	38	1.66	0.6	0.74	0.88	36.6	1.92	0.61	0.76	0.9	34.6	2.22	0.63	0.78	0.93	32.4	2.56	0.64	0.81	0.96				
	1135	39.5	1.65	0.62	0.77	0.92	37.4	1.91	0.63	0.79	0.94	35.4	2.21	0.65	0.82	0.97	33.2	2.55	0.66	0.84	1				
	1135	39.5	1.65	0.62	0.77	0.92	37.6	1.91	0.63	0.79	0.94	35.4	2.21	0.65	0.82	0.97	33.2	2.55	0.67	0.84	1				
71°F	1010	40.5	1.64	0.46	0.59	0.72	38.5	1.9	0.46	0.6	0.73	36.6	2.19	0.47	0.61	0.75	34.4	2.53	0.47	0.63	0.78				
	1135	41.5	1.63	0.46	0.61	0.75	39.5	1.89	0.47	0.62	0.77	37.6	2.18	0.48	0.63	0.79	35.2	2.52	0.48	0.65	0.82				
	1135	41.5	1.63	0.47	0.61	0.75	39.5	1.89	0.47	0.62	0.77	37.6	2.18	0.48	0.63	0.79	35.4	2.52	0.49	0.65	0.82				

XP16-048-230-05 - CX34-62C-6F + EL296UH110V48C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	1405	47	2.89	0.78	0.93	1	44.5	3.21	0.8	0.96	1	42	3.58	0.82	0.99	1	39.5	4.03	0.85	1	1				
	1565	48	2.9	0.81	0.97	1	45.5	3.22	0.83	1	1	43.5	3.59	0.86	1	1	41	4.05	0.89	1	1				
	1565	48	2.9	0.81	0.97	1	45.5	3.22	0.83	1	1	43.5	3.59	0.86	1	1	41	4.05	0.89	1	1				
67°F	1405	49.5	2.92	0.62	0.76	0.9	47.5	3.24	0.63	0.78	0.93	44.5	3.61	0.64	0.8	0.95	41.5	4.06	0.66	0.83	0.99				
	1565	50.5	2.94	0.64	0.79	0.94	48	3.25	0.65	0.81	0.97	45.5	3.62	0.67	0.84	0.99	42.5	4.06	0.68	0.87	1				
	1565	50.5	2.94	0.64	0.79	0.94	48	3.25	0.65	0.81	0.97	45.5	3.62	0.67	0.84	0.99	42.5	4.06	0.68	0.87	1				
71°F	1405	52	2.95	0.47	0.6	0.73	49.5	3.27	0.47	0.62	0.75	47	3.64	0.48	0.63	0.78	44	4.09	0.48	0.65	0.8				
	1565	53.5	2.97	0.48	0.62	0.77	51	3.28	0.48	0.63	0.79	48	3.65	0.49	0.65	0.81	45	4.1	0.5	0.67	0.85				
	1565	53.5	2.97	0.48	0.62	0.77	51	3.28	0.48	0.63	0.79	48	3.65	0.49	0.65	0.81	45	4.1	0.5	0.67	0.85				

XP16-048-230-05 - CX34-62C-6F + EL296UH110V48C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1010	35.9	2.36	34	2.32	32.1	2.29	30.2	2.26
1135	36.3	2.25	34.4	2.22	32.5	2.18	30.6	2.15
1135	36.4	2.25	34.5	2.22	32.6	2.19	30.7	2.15

XP16-048-230-05 - CX34-62C-6F + EL296UH110V48C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1405	50.1	3.14	39.8	2.9	28.8	2.64	22.1	2.36	10.8	1.74
1565	50.7	3.07	40.4	2.82	29.4	2.56	22.7	2.28	11.4	1.66
1565	50.7	3.07	40.4	2.82	29.4	2.56	22.7	2.28	11.4	1.66

XP16-048-230-05 - CX34-62C-6F + EL296UH110V48C HEATING PERFORMANCE at 1565 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.07	50.7
60	3.01	48.4
55	2.95	46.1
50	2.89	43.8
47	2.86	42.4
45	2.82	40.4
40	2.72	35.3
35	2.62	30.2
30	2.59	29.8
25	2.56	29.4
20	2.53	28.9
17	2.51	28.7
15	2.49	27.8
10	2.43	25.5
5	2.28	22.7
0	2.13	19.9
-5	1.97	17
-10	1.82	14.2
-15	1.66	11.4
-20	1.51	8.6

XP16-048-230-05 - CX34-62C-6F + SL280UH090V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	1005	36	1.69	0.77	0.91	1	34.2	1.95	0.78	0.93	1	32.4	2.24	0.8	0.96	1	30.4	2.59	0.83	0.99	1
	1100	36.6	1.68	0.79	0.94	1	35	1.94	0.81	0.97	1	33	2.24	0.83	0.99	1	31.2	2.58	0.86	1	1
	1275	37.8	1.67	0.83	0.99	1	36.4	1.92	0.85	1	1	34.6	2.22	0.88	1	1	32.8	2.56	0.91	1	1
67°F	1005	38	1.66	0.6	0.74	0.88	36.6	1.92	0.61	0.75	0.9	34.6	2.22	0.62	0.78	0.93	32.4	2.56	0.64	0.8	0.96
	1100	39	1.66	0.62	0.76	0.91	37.2	1.91	0.63	0.78	0.93	35.2	2.21	0.64	0.81	0.96	33	2.55	0.66	0.83	0.99
	1275	40	1.64	0.64	0.81	0.96	38.5	1.9	0.65	0.83	0.99	36.2	2.2	0.67	0.85	1	33.8	2.54	0.69	0.89	1
71°F	1005	40.5	1.64	0.46	0.59	0.71	38.5	1.9	0.46	0.6	0.73	36.6	2.19	0.47	0.61	0.75	34.4	2.53	0.47	0.63	0.78
	1100	41	1.63	0.46	0.6	0.74	39.5	1.89	0.47	0.62	0.76	37.4	2.18	0.47	0.63	0.78	35	2.52	0.48	0.64	0.8
	1275	42.5	1.62	0.48	0.63	0.78	40.5	1.87	0.48	0.64	0.81	38.5	2.17	0.49	0.66	0.83	36	2.51	0.5	0.68	0.86

XP16-048-230-05 - CX34-62C-6F + SL280UH090V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	1440	47	2.89	0.79	0.94	1	45	3.21	0.81	0.97	1	42.5	3.58	0.83	0.99	1	40	4.03	0.86	1	1
	1595	48	2.91	0.82	0.98	1	45.5	3.22	0.84	1	1	43.5	3.6	0.86	1	1	41	4.05	0.9	1	1
	1815	49.5	2.92	0.86	1	1	47.5	3.24	0.88	1	1	45	3.62	0.91	1	1	42.5	4.06	0.95	1	1
67°F	1440	50	2.93	0.62	0.76	0.91	47.5	3.24	0.63	0.78	0.93	45	3.61	0.65	0.81	0.96	42	4.06	0.66	0.84	1
	1595	51	2.94	0.64	0.79	0.94	48.5	3.25	0.65	0.81	0.97	45.5	3.62	0.67	0.84	1	42.5	4.07	0.69	0.88	1
	1815	52	2.95	0.67	0.84	0.99	49.5	3.26	0.68	0.86	1	46.5	3.63	0.7	0.89	1	43.5	4.08	0.72	0.93	1
71°F	1440	52.5	2.96	0.47	0.61	0.74	50	3.27	0.47	0.62	0.76	47	3.65	0.48	0.63	0.78	44.5	4.09	0.49	0.65	0.81
	1595	53.5	2.97	0.48	0.63	0.77	51	3.28	0.48	0.64	0.79	48	3.66	0.49	0.66	0.82	45	4.1	0.5	0.68	0.85
	1815	55	2.98	0.49	0.65	0.81	52	3.3	0.5	0.67	0.84	49	3.67	0.51	0.69	0.87	46	4.11	0.52	0.71	0.91

XP16-048-230-05 - CX34-62C-6F + SL280UH090V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1005	35.9	2.36	33.9	2.32	32	2.29	30.1	2.26
1102	36.2	2.27	34.3	2.24	32.4	2.21	30.4	2.17
1275	36.7	2.17	34.8	2.13	32.9	2.1	30.9	2.07

XP16-048-230-05 - CX34-62C-6F + SL280UH090V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1440	50.4	3.12	39.8	2.88	28.4	2.62	21.6	2.34	10.4	1.72
1595	51.4	3.06	40.7	2.81	29.3	2.56	22.5	2.28	11.4	1.66
1815	51.8	2.98	41.2	2.73	29.8	2.47	23	2.19	11.9	1.58

XP16-048-230-05 - CX34-62C-6F + SL280UH090V60C HEATING PERFORMANCE at 1595 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.06	51.4
60	3	49
55	2.95	46.6
50	2.89	44.3
47	2.85	42.8
45	2.81	40.7
40	2.71	35.5
35	2.61	30.2
30	2.58	29.8
25	2.56	29.3
20	2.53	28.9
17	2.51	28.6
15	2.49	27.7
10	2.43	25.3
5	2.28	22.5
0	2.12	19.7
-5	1.97	17
-10	1.81	14.2
-15	1.66	11.4
-20	1.51	8.6

XP16-048-230-05 - CX34-62C-6F + SL280UH110V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	980	35.8	1.69	0.76	0.9	1	34	1.95	0.78	0.93	1	32.2	2.25	0.8	0.95	1	30.2	2.59	0.82	0.99	1				
	1075	36.4	1.68	0.78	0.94	1	34.8	1.94	0.8	0.96	1	33	2.24	0.82	0.99	1	31	2.58	0.85	1	1				
	1255	37.8	1.67	0.83	0.99	1	36.2	1.93	0.85	1	1	34.6	2.22	0.88	1	1	32.6	2.56	0.91	1	1				
67°F	980	38	1.67	0.6	0.74	0.87	36.2	1.92	0.61	0.75	0.89	34.4	2.22	0.62	0.77	0.92	32.2	2.56	0.64	0.8	0.95				
	1075	39	1.66	0.61	0.75	0.9	37	1.92	0.63	0.78	0.92	35	2.21	0.64	0.8	0.95	32.8	2.56	0.65	0.82	0.99				
	1255	40	1.64	0.64	0.81	0.96	38	1.9	0.65	0.82	0.98	36.2	2.2	0.67	0.85	1	33.8	2.54	0.69	0.88	1				
71°F	980	40	1.64	0.45	0.58	0.71	38.5	1.9	0.46	0.59	0.72	36.4	2.2	0.46	0.61	0.74	34.2	2.53	0.47	0.62	0.77				
	1075	41	1.63	0.46	0.6	0.73	39	1.89	0.47	0.61	0.75	37.2	2.19	0.47	0.62	0.77	35	2.53	0.48	0.64	0.8				
	1255	42.5	1.62	0.48	0.63	0.78	40.5	1.88	0.48	0.64	0.8	38.5	2.17	0.49	0.66	0.82	35.8	2.51	0.5	0.68	0.86				

XP16-048-230-05 - CX34-62C-6F + SL280UH110V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1395	47	2.89	0.78	0.93	1	44.5	3.21	0.8	0.96	1	42	3.58	0.82	0.99	1	39.5	4.03	0.85	1	1				
	1565	48	2.9	0.82	0.97	1	45.5	3.22	0.83	0.99	1	43	3.59	0.86	1	1	40.5	4.04	0.89	1	1				
	1810	49.5	2.92	0.86	1	1	47.5	3.24	0.89	1	1	45	3.62	0.91	1	1	42.5	4.06	0.95	1	1				
67°F	1395	49.5	2.92	0.61	0.75	0.9	47	3.24	0.62	0.78	0.92	44.5	3.61	0.64	0.8	0.95	41.5	4.05	0.66	0.83	0.99				
	1565	50.5	2.94	0.63	0.79	0.94	48	3.25	0.64	0.81	0.96	45.5	3.62	0.66	0.83	0.99	42.5	4.06	0.68	0.87	1				
	1810	52	2.95	0.67	0.84	0.99	49.5	3.26	0.68	0.86	1	46.5	3.63	0.7	0.89	1	43.5	4.08	0.72	0.93	1				
71°F	1395	52	2.95	0.46	0.6	0.73	49.5	3.27	0.47	0.61	0.75	47	3.64	0.48	0.63	0.77	44	4.09	0.48	0.65	0.8				
	1565	53.5	2.96	0.48	0.62	0.76	50.5	3.28	0.48	0.63	0.79	48	3.65	0.49	0.65	0.81	45	4.09	0.5	0.67	0.84				
	1810	55	2.98	0.49	0.65	0.81	52	3.3	0.5	0.67	0.84	49	3.67	0.51	0.69	0.87	46	4.11	0.52	0.71	0.91				

XP16-048-230-05 - CX34-62C-6F + SL280UH110V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
979	35.8	2.38	33.8	2.35	31.9	2.31	29.9	2.27
1075	36.4	2.3	34.4	2.27	32.4	2.23	30.5	2.19
1255	36.8	2.18	34.8	2.14	32.9	2.11	30.9	2.07

XP16-048-230-05 - CX34-62C-6F + SL280UH110V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1395	50.1	3.15	39.8	2.9	28.7	2.65	22	2.36	10.8	1.75
1564	50.6	3.06	40.3	2.82	29.3	2.56	22.5	2.28	11.4	1.66
1810	51.8	2.98	41.5	2.74	30.4	2.48	23.7	2.19	12.5	1.58

XP16-048-230-05 - CX34-62C-6F + SL280UH110V60C HEATING PERFORMANCE at 1564 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.06	50.6
60	3.01	48.3
55	2.95	46
50	2.89	43.7
47	2.86	42.3
45	2.82	40.3
40	2.72	35.2
35	2.62	30.1
30	2.59	29.7
25	2.56	29.3
20	2.53	28.8
17	2.51	28.6
15	2.49	27.6
10	2.43	25.3
5	2.28	22.5
0	2.12	19.8
-5	1.97	17
-10	1.82	14.2
-15	1.66	11.4
-20	1.51	8.6

XP16-048-230-05 - CX34-62C-6F + SLP98UH090V48C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1005	36	1.69	0.77	0.91	1	34.2	1.94	0.78	0.94	1	32.4	2.24	0.81	0.96	1	30.4	2.58	0.83	1	1				
	1160	37.2	1.68	0.8	0.96	1	35.4	1.93	0.82	0.99	1	33.6	2.23	0.85	1	1	31.8	2.57	0.88	1	1				
	1315	38	1.66	0.84	1	1	36.6	1.92	0.87	1	1	35	2.21	0.89	1	1	33	2.55	0.93	1	1				
67°F	1005	38	1.66	0.6	0.74	0.88	36.6	1.92	0.61	0.76	0.9	34.6	2.22	0.63	0.78	0.93	32.4	2.56	0.64	0.8	0.96				
	1160	39.5	1.65	0.63	0.78	0.92	37.6	1.91	0.64	0.8	0.95	35.6	2.21	0.65	0.82	0.98	33.4	2.55	0.67	0.85	1				
	1315	40.5	1.64	0.65	0.82	0.98	38.5	1.9	0.66	0.84	1	36.4	2.19	0.68	0.87	1	34	2.54	0.7	0.9	1				
71°F	1005	40.5	1.64	0.46	0.59	0.72	38.5	1.9	0.46	0.6	0.73	36.6	2.19	0.47	0.61	0.75	34.4	2.53	0.47	0.63	0.78				
	1160	41.5	1.63	0.47	0.61	0.75	40	1.88	0.47	0.62	0.77	37.8	2.18	0.48	0.64	0.8	35.4	2.52	0.49	0.66	0.82				
	1315	42.5	1.61	0.48	0.64	0.79	40.5	1.87	0.49	0.65	0.81	38.5	2.17	0.49	0.67	0.84	36.2	2.51	0.5	0.69	0.87				

XP16-048-230-05 - CX34-62C-6F + SLP98UH090V48C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1375	46.5	2.89	0.78	0.93	1	44.5	3.21	0.8	0.95	1	42	3.58	0.82	0.98	1	39	4.02	0.85	1	1				
	1585	48	2.91	0.82	0.98	1	45.5	3.22	0.84	1	1	43.5	3.6	0.86	1	1	41	4.05	0.9	1	1				
	1770	49.5	2.92	0.85	1	1	47	3.24	0.88	1	1	45	3.62	0.91	1	1	42.5	4.06	0.94	1	1				
67°F	1375	49.5	2.92	0.61	0.75	0.89	47	3.24	0.62	0.77	0.92	44.5	3.61	0.64	0.79	0.95	41.5	4.05	0.66	0.82	0.98				
	1585	50.5	2.94	0.64	0.79	0.94	48.5	3.25	0.65	0.81	0.97	45.5	3.62	0.67	0.84	1	42.5	4.07	0.69	0.87	1				
	1770	52	2.95	0.66	0.83	0.99	49	3.26	0.68	0.86	1	46.5	3.63	0.69	0.89	1	43.5	4.08	0.72	0.92	1				
71°F	1375	52	2.95	0.46	0.6	0.73	49.5	3.27	0.47	0.61	0.75	47	3.64	0.47	0.62	0.77	44	4.09	0.48	0.64	0.8				
	1585	53.5	2.97	0.48	0.63	0.77	51	3.28	0.48	0.64	0.79	48	3.66	0.49	0.66	0.82	45	4.1	0.5	0.68	0.85				
	1770	54.5	2.98	0.49	0.65	0.81	52	3.29	0.5	0.67	0.83	49	3.67	0.5	0.69	0.86	46	4.11	0.52	0.71	0.9				

XP16-048-230-05 - CX34-62C-6F + SLP98UH090V48C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1007	35.9	2.35	34	2.32	32.1	2.29	30.2	2.26
1159	36.5	2.23	34.5	2.2	32.6	2.17	30.7	2.14
1315	36.9	2.15	35	2.12	33.1	2.08	31.2	2.05

XP16-048-230-05 - CX34-62C-6F + SLP98UH090V48C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1375	50.1	3.16	39.8	2.91	28.6	2.66	21.9	2.37	10.6	1.76
1583	50.9	3.06	40.6	2.82	29.4	2.56	22.7	2.28	11.4	1.66
1770	51.8	3	41.5	2.75	30.3	2.5	23.6	2.21	12.3	1.6

XP16-048-230-05 - CX34-62C-6F + SLP98UH090V48C HEATING PERFORMANCE at 1583 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.06	50.9
60	3	48.6
55	2.95	46.3
50	2.89	44
47	2.85	42.6
45	2.82	40.6
40	2.72	35.4
35	2.62	30.3
30	2.59	29.9
25	2.56	29.4
20	2.53	29
17	2.51	28.8
15	2.49	27.8
10	2.43	25.5
5	2.28	22.7
0	2.12	19.9
-5	1.97	17.1
-10	1.81	14.3
-15	1.66	11.4
-20	1.51	8.6

XP16-048-230-05 - CX34-62C-6F + SLP98UH090V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	980	35.8	1.69	0.76	0.9	1	34	1.95	0.78	0.93	1	32.2	2.25	0.8	0.95	1	30.2	2.59	0.82	0.99	1
	1055	36.4	1.68	0.78	0.93	1	34.6	1.94	0.8	0.95	1	32.8	2.24	0.82	0.98	1	30.8	2.58	0.84	1	1
	1295	38	1.66	0.84	1	1	36.6	1.92	0.86	1	1	34.8	2.22	0.89	1	1	32.8	2.55	0.92	1	1
67°F	980	38	1.67	0.6	0.73	0.87	36.2	1.92	0.61	0.75	0.89	34.4	2.22	0.62	0.77	0.92	32.2	2.56	0.64	0.8	0.95
	1055	38.5	1.66	0.61	0.75	0.89	36.8	1.92	0.62	0.77	0.91	34.8	2.21	0.63	0.79	0.94	32.6	2.56	0.65	0.82	0.98
	1295	40.5	1.64	0.65	0.81	0.97	38.5	1.9	0.66	0.83	0.99	36.4	2.2	0.68	0.86	1	34	2.54	0.7	0.9	1
71°F	980	40	1.64	0.45	0.58	0.71	38.5	1.9	0.46	0.59	0.72	36.4	2.2	0.46	0.61	0.74	34.2	2.53	0.47	0.62	0.77
	1055	41	1.64	0.46	0.59	0.73	39	1.89	0.46	0.61	0.74	37	2.19	0.47	0.62	0.77	34.8	2.53	0.48	0.63	0.79
	1295	42.5	1.61	0.48	0.64	0.79	40.5	1.87	0.48	0.65	0.81	38.5	2.17	0.49	0.67	0.84	36.2	2.51	0.5	0.69	0.87

XP16-048-230-05 - CX34-62C-6F + SLP98UH090V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	1460	47.5	2.9	0.79	0.95	1	45	3.21	0.81	0.97	1	42.5	3.58	0.84	1	1	40	4.03	0.87	1	1
	1595	48	2.91	0.82	0.98	1	46	3.22	0.84	1	1	43.5	3.6	0.87	1	1	41	4.05	0.9	1	1
	1860	50	2.93	0.87	1	1	48	3.25	0.9	1	1	45.5	3.62	0.93	1	1	43	4.07	0.97	1	1
67°F	1460	50	2.93	0.62	0.77	0.91	47.5	3.24	0.64	0.79	0.94	45	3.62	0.65	0.81	0.97	42	4.06	0.67	0.84	1
	1595	51	2.94	0.64	0.8	0.95	48.5	3.25	0.65	0.82	0.97	45.5	3.62	0.67	0.84	1	42.5	4.07	0.69	0.88	1
	1860	52.5	2.95	0.68	0.85	1	49.5	3.27	0.69	0.87	1	46.5	3.64	0.71	0.9	1	43.5	4.08	0.74	0.94	1
71°F	1460	52.5	2.96	0.47	0.61	0.74	50	3.27	0.48	0.62	0.77	47.5	3.65	0.48	0.64	0.79	44.5	4.09	0.49	0.66	0.82
	1595	53.5	2.97	0.48	0.63	0.77	51	3.28	0.48	0.64	0.79	48	3.66	0.49	0.66	0.82	45	4.1	0.5	0.68	0.85
	1860	55	2.98	0.5	0.66	0.83	52.5	3.3	0.5	0.68	0.85	49.5	3.67	0.51	0.7	0.88	46	4.12	0.53	0.73	0.92

XP16-048-230-05 - CX34-62C-6F + SLP98UH090V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
978	35.7	2.38	33.9	2.35	32.1	2.32	30.3	2.29
1054	35.7	2.3	33.9	2.27	32.1	2.24	30.3	2.21
1295	36.8	2.16	35	2.13	33.2	2.09	31.4	2.06

XP16-048-230-05 - CX34-62C-6F + SLP98UH090V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1460	50.4	3.11	40	2.87	28.8	2.61	22.1	2.33	10.8	1.72
1593	51	3.05	40.6	2.81	29.4	2.56	22.7	2.27	11.4	1.66
1860	52.3	2.97	41.9	2.73	30.7	2.47	24	2.19	12.7	1.58

XP16-048-230-05 - CX34-62C-6F + SLP98UH090V60C HEATING PERFORMANCE at 1593 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.05	51
60	3	48.7
55	2.94	46.4
50	2.88	44.1
47	2.85	42.7
45	2.81	40.6
40	2.71	35.5
35	2.62	30.3
30	2.59	29.9
25	2.56	29.4
20	2.53	29
17	2.51	28.8
15	2.48	27.8
10	2.43	25.5
5	2.27	22.7
0	2.12	19.9
-5	1.97	17.1
-10	1.81	14.3
-15	1.66	11.4
-20	1.51	8.6

XP16-048-230-05 - CX34-62C-6F + SLP98UH110V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	970	35.6	1.69	0.76	0.9	1	34	1.95	0.77	0.92	1	32.2	2.24	0.8	0.95	1	30.2	2.59	0.82	0.99	1				
	1110	36.8	1.68	0.79	0.95	1	35	1.94	0.81	0.97	1	33.2	2.24	0.83	1	1	31.4	2.57	0.86	1	1				
	1265	37.8	1.67	0.84	0.99	1	36.2	1.92	0.85	1	1	34.6	2.22	0.88	1	1	32.6	2.56	0.91	1	1				
67°F	970	38	1.67	0.6	0.73	0.87	36.2	1.93	0.61	0.75	0.89	34.2	2.22	0.62	0.77	0.91	32.2	2.56	0.64	0.79	0.95				
	1110	39	1.65	0.62	0.77	0.91	37.2	1.91	0.63	0.78	0.93	35.2	2.21	0.64	0.81	0.96	33	2.55	0.66	0.83	1				
	1265	40	1.64	0.64	0.81	0.96	38	1.9	0.65	0.82	0.99	36.2	2.2	0.67	0.85	1	33.8	2.54	0.69	0.89	1				
71°F	970	40	1.64	0.46	0.58	0.71	38.5	1.9	0.46	0.59	0.72	36.4	2.2	0.46	0.61	0.74	34.2	2.53	0.47	0.62	0.77				
	1110	41	1.63	0.46	0.6	0.74	39.5	1.89	0.47	0.62	0.76	37.4	2.18	0.47	0.63	0.78	35.2	2.52	0.48	0.65	0.81				
	1265	42.5	1.62	0.48	0.63	0.78	40.5	1.88	0.48	0.64	0.8	38.5	2.17	0.49	0.66	0.83	35.8	2.51	0.5	0.68	0.86				

XP16-048-230-05 - CX34-62C-6F + SLP98UH110V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1405	47	2.89	0.78	0.93	1	44.5	3.21	0.8	0.96	1	42	3.58	0.82	0.99	1	39.5	4.03	0.85	1	1				
	1610	48	2.91	0.82	0.98	1	46	3.22	0.84	1	1	43.5	3.6	0.87	1	1	41	4.05	0.9	1	1				
	1775	49.5	2.92	0.85	1	1	47	3.24	0.88	1	1	45	3.62	0.91	1	1	42.5	4.06	0.94	1	1				
67°F	1405	49.5	2.92	0.62	0.76	0.9	47.5	3.24	0.63	0.78	0.93	44.5	3.61	0.64	0.8	0.95	41.5	4.06	0.66	0.83	0.99				
	1610	51	2.94	0.64	0.8	0.95	48.5	3.25	0.66	0.82	0.98	46	3.63	0.67	0.85	1	42.5	4.07	0.69	0.88	1				
	1775	52	2.95	0.66	0.83	0.99	49	3.26	0.68	0.86	1	46.5	3.64	0.69	0.89	1	43.5	4.07	0.72	0.92	1				
71°F	1405	52	2.95	0.47	0.6	0.73	49.5	3.27	0.47	0.62	0.75	47	3.64	0.48	0.63	0.78	44	4.09	0.48	0.65	0.8				
	1610	53.5	2.97	0.48	0.63	0.78	51	3.29	0.48	0.64	0.8	48.5	3.66	0.49	0.66	0.82	45	4.1	0.5	0.68	0.86				
	1775	54.5	2.98	0.49	0.65	0.81	52	3.29	0.5	0.67	0.83	49	3.67	0.5	0.69	0.86	46	4.11	0.52	0.71	0.9				

XP16-048-230-05 - CX34-62C-6F + SLP98UH110V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
972	35.8	2.39	33.9	2.36	32	2.32	30	2.29
1110	36.3	2.27	34.3	2.23	32.4	2.2	30.5	2.17
1265	36.8	2.17	34.8	2.14	32.9	2.1	31	2.07

XP16-048-230-05 - CX34-62C-6F + SLP98UH110V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1405	50.4	3.14	39.7	2.9	28.4	2.64	21.6	2.36	10.3	1.75
1612	51.5	3.05	40.9	2.81	29.5	2.55	22.7	2.28	11.5	1.66
1775	52	2.99	41.3	2.75	30	2.49	23.2	2.22	11.9	1.6

XP16-048-230-05 - CX34-62C-6F + SLP98UH110V60C HEATING PERFORMANCE at 1612 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.05	51.5
60	3	49.2
55	2.94	46.8
50	2.88	44.4
47	2.85	43
45	2.81	40.9
40	2.71	35.6
35	2.61	30.4
30	2.58	29.9
25	2.55	29.5
20	2.53	29.1
17	2.51	28.8
15	2.49	27.9
10	2.43	25.5
5	2.28	22.7
0	2.12	19.9
-5	1.97	17.1
-10	1.81	14.3
-15	1.66	11.5
-20	1.51	8.7

XP16-048-230-05 - CX34-62D-6F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	1050	37.4	1.72	0.76	0.9	1	35.8	1.98	0.78	0.92	1	34	2.3	0.8	0.95	1	31.8	2.67	0.82	0.99	1
	1200	38.5	1.71	0.79	0.94	1	37	1.97	0.81	0.96	1	35	2.29	0.84	0.99	1	33	2.65	0.87	1	1
	1350	40	1.69	0.82	0.98	1	38	1.96	0.85	1	1	36.2	2.27	0.87	1	1	34.2	2.62	0.9	1	1
67°F	1050	39.5	1.69	0.61	0.74	0.86	38	1.96	0.61	0.75	0.88	36	2.26	0.62	0.77	0.91	33.8	2.63	0.64	0.8	0.95
	1200	41	1.68	0.63	0.77	0.9	39	1.94	0.63	0.79	0.93	37.2	2.25	0.65	0.81	0.96	34.8	2.62	0.67	0.84	0.99
	1350	42	1.66	0.65	0.8	0.94	40	1.93	0.64	0.82	0.97	38	2.24	0.68	0.85	1	35.6	2.59	0.7	0.88	1
71°F	1050	42	1.66	0.47	0.59	0.71	40	1.93	0.47	0.6	0.73	38	2.23	0.47	0.61	0.75	36	2.59	0.48	0.63	0.77
	1200	43.5	1.65	0.48	0.61	0.74	41.5	1.92	0.48	0.62	0.76	39	2.22	0.49	0.62	0.78	37	2.58	0.49	0.66	0.81
	1350	44.5	1.63	0.49	0.63	0.77	42.5	1.9	0.49	0.65	0.79	40	2.2	0.5	0.66	0.82	37.8	2.56	0.51	0.68	0.85

XP16-048-230-05 - CX34-62D-6F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	1400	47	2.97	0.77	0.91	1	45	3.28	0.79	0.94	1	42.5	3.65	0.81	0.97	1	39.5	4.08	0.84	1	1
	1600	48.5	2.99	0.8	0.95	1	46	3.3	0.83	0.98	1	43.5	3.66	0.85	1	1	41	4.11	0.89	1	1
	1800	49.5	3	0.84	0.99	1	47	3.31	0.86	1	1	45	3.69	0.89	1	1	42	4.13	0.93	1	1
67°F	1400	49.5	3	0.61	0.75	0.88	47	3.31	0.62	0.77	0.9	44.5	3.68	0.64	0.79	0.93	41.5	4.12	0.66	0.82	0.97
	1600	51	3.02	0.64	0.78	0.92	48.5	3.33	0.65	0.8	0.95	46	3.7	0.66	0.83	0.98	42.5	4.13	0.68	0.86	1
	1800	52.5	3.04	0.66	0.81	0.96	49.5	3.35	0.67	0.84	0.99	47	3.71	0.68	0.86	1	43.5	4.15	0.71	0.9	1
71°F	1400	52.5	3.04	0.47	0.6	0.72	50	3.35	0.47	0.61	0.74	47	3.72	0.48	0.63	0.77	44	4.16	0.49	0.65	0.8
	1600	53.5	3.06	0.48	0.62	0.76	51	3.37	0.49	0.64	0.78	48.5	3.73	0.49	0.65	0.8	45	4.17	0.5	0.67	0.84
	1800	55	3.07	0.49	0.64	0.8	52	3.38	0.5	0.66	0.81	49	3.75	0.51	0.67	0.84	46	4.18	0.52	0.7	0.88

XP16-048-230-05 - CX34-62D-6F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1050	38.8	2.51	37	2.48	35.3	2.45	33.5	2.42
1200	39.3	2.37	37.6	2.34	35.8	2.32	34.1	2.29
1350	40	2.27	38.3	2.25	36.5	2.22	34.8	2.19

XP16-048-230-05 - CX34-62D-6F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1400	54.6	3.33	43.1	3.1	30.9	2.85	22.7	2.57	11.2	1.9
1600	55.2	3.22	43.7	2.98	31.6	2.74	23.4	2.45	11.9	1.79
1800	55.8	3.14	44.3	2.9	32.1	2.66	23.9	2.37	12.4	1.7

XP16-048-230-05 - CX34-62D-6F

HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.22	55.2
60	3.16	52.6
55	3.11	50
50	3.05	47.3
47	3.02	45.8
45	2.98	43.7
40	2.89	38.7
35	2.79	33.6
30	2.77	32.6
25	2.74	31.6
20	2.71	30.5
17	2.7	29.9
15	2.67	28.9
10	2.62	26.2
5	2.45	23.4
0	2.29	20.5
-5	2.12	17.6
-10	1.95	14.7
-15	1.79	11.9
-20	1.62	9

XP16-048-230-05 - CX34-62D-6F + SL280UH135V60D - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	965	36.6	1.73	0.74	0.87	0.99	34.8	2	0.75	0.89	1	33	2.32	0.77	0.92	1	31	2.68	0.79	0.95	1				
	1120	38	1.71	0.77	0.91	1	36.2	1.99	0.79	0.93	1	34.4	2.29	0.81	0.96	1	32.2	2.66	0.84	1	1				
	1350	39.5	1.7	0.82	0.97	1	37.8	1.96	0.84	0.99	1	36	2.27	0.86	1	1	34	2.62	0.9	1	1				
67°F	965	39	1.7	0.59	0.71	0.83	37	1.97	0.6	0.73	0.85	35	2.28	0.61	0.75	0.88	33	2.64	0.62	0.77	0.91				
	1120	40	1.69	0.6	0.74	0.87	38.5	1.96	0.62	0.76	0.9	36.4	2.26	0.63	0.78	0.92	34	2.63	0.65	0.8	0.96				
	1350	42	1.66	0.64	0.79	0.94	40	1.93	0.63	0.81	0.96	37.8	2.24	0.67	0.84	0.99	35.4	2.6	0.68	0.87	1				
71°F	965	41	1.67	0.45	0.57	0.69	39.5	1.94	0.46	0.58	0.7	37.4	2.25	0.46	0.59	0.72	35.2	2.6	0.46	0.6	0.74				
	1120	42.5	1.66	0.46	0.59	0.72	40.5	1.92	0.47	0.6	0.74	38.5	2.23	0.47	0.6	0.76	36.4	2.59	0.48	0.63	0.78				
	1350	44.5	1.64	0.48	0.63	0.76	42.5	1.9	0.48	0.64	0.79	40	2.21	0.49	0.65	0.81	37.6	2.56	0.5	0.67	0.84				

XP16-048-230-05 - CX34-62D-6F + SL280UH135V60D - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	1420	47	2.97	0.77	0.91	1	45	3.28	0.79	0.93	1	42.5	3.64	0.81	0.97	1	39.5	4.08	0.84	1	1				
	1600	48.5	2.98	0.8	0.95	1	46	3.3	0.82	0.98	1	43.5	3.66	0.85	1	1	40.5	4.11	0.88	1	1				
	1835	49.5	3	0.84	0.99	1	47.5	3.31	0.86	1	1	45	3.69	0.89	1	1	42.5	4.13	0.93	1	1				
67°F	1420	49.5	3	0.61	0.74	0.87	47	3.31	0.62	0.76	0.9	44.5	3.68	0.63	0.79	0.93	41.5	4.12	0.65	0.81	0.97				
	1600	51	3.02	0.63	0.78	0.92	48.5	3.33	0.64	0.8	0.95	45.5	3.7	0.66	0.82	0.98	42.5	4.13	0.68	0.86	1				
	1835	52.5	3.04	0.66	0.82	0.97	49.5	3.35	0.67	0.84	0.99	47	3.71	0.68	0.87	1	43.5	4.15	0.71	0.91	1				
71°F	1420	52.5	3.04	0.46	0.59	0.72	50	3.35	0.47	0.6	0.74	47	3.72	0.48	0.62	0.76	44	4.16	0.48	0.64	0.79				
	1600	53.5	3.05	0.48	0.62	0.75	51	3.36	0.48	0.63	0.77	48	3.73	0.49	0.65	0.8	45	4.17	0.5	0.66	0.83				
	1835	55	3.07	0.49	0.64	0.78	52.5	3.38	0.49	0.66	0.82	49.5	3.75	0.5	0.68	0.84	46	4.18	0.51	0.7	0.88				

XP16-048-230-05 - CX34-62D-6F + SL280UH135V60D - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
964	37.7	2.58	36	2.55	34.3	2.52	32.5	2.48
1122	38.4	2.42	36.6	2.39	34.9	2.36	33.2	2.32
1350	39.2	2.26	37.4	2.23	35.7	2.2	34	2.16

XP16-048-230-05 - CX34-62D-6F + SL280UH135V60D - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1420	54.1	3.31	42.5	3.07	30.2	2.82	22.1	2.54	10.9	1.87
1600	54.8	3.22	43.2	2.98	31	2.73	22.9	2.44	11.6	1.78
1835	55.7	3.12	44.1	2.88	31.8	2.63	23.7	2.35	12.5	1.68

**XP16-048-230-05 - CX34-62D-6F + SL280UH135V60D
HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.22	54.8
60	3.16	52.1
55	3.11	49.5
50	3.05	46.8
47	3.02	45.3
45	2.98	43.2
40	2.87	38.1
35	2.77	32.9
30	2.75	32
25	2.73	31
20	2.7	30
17	2.69	29.4
15	2.66	28.3
10	2.61	25.7
5	2.44	22.9
0	2.28	20.1
-5	2.11	17.2
-10	1.95	14.4
-15	1.78	11.6
-20	1.61	8.8

XP16-048-230-05 - CX34-62D-6F + SLP98UH135V60D - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	960	36.6	1.73	0.74	0.87	0.99	34.8	2	0.75	0.89	1	33	2.32	0.77	0.91	1	31	2.68	0.79	0.95	1				
	1095	37.6	1.71	0.76	0.9	1	36	1.98	0.78	0.93	1	34.2	2.3	0.8	0.96	1	32	2.66	0.82	0.99	1				
	1290	39	1.7	0.8	0.96	1	37.4	1.96	0.82	0.98	1	35.4	2.28	0.85	1	1	33.6	2.63	0.88	1	1				
67°F	960	38.5	1.7	0.59	0.71	0.83	37	1.97	0.6	0.73	0.85	35	2.28	0.61	0.74	0.88	33	2.65	0.62	0.77	0.91				
	1095	40	1.69	0.6	0.74	0.87	38.5	1.96	0.61	0.76	0.89	36.2	2.26	0.62	0.78	0.92	34.2	2.63	0.64	0.8	0.95				
	1290	41.5	1.67	0.63	0.78	0.92	39.5	1.94	0.63	0.8	0.95	37.6	2.25	0.66	0.82	0.98	35.2	2.61	0.67	0.85	1				
71°F	960	41	1.67	0.45	0.57	0.69	39.5	1.94	0.46	0.58	0.7	37.4	2.25	0.46	0.59	0.72	35.2	2.61	0.46	0.6	0.74				
	1095	42.5	1.66	0.46	0.59	0.71	40.5	1.93	0.46	0.6	0.73	38.5	2.23	0.47	0.6	0.75	36.2	2.59	0.47	0.63	0.78				
	1290	43.5	1.64	0.47	0.62	0.75	42	1.91	0.48	0.63	0.77	40	2.21	0.48	0.64	0.8	37.4	2.57	0.49	0.66	0.83				

XP16-048-230-05 - CX34-62D-6F + SLP98UH135V60D - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	1445	47.5	2.97	0.77	0.91	1	45	3.28	0.79	0.94	1	42.5	3.65	0.82	0.97	1	39.5	4.08	0.85	1	1				
	1615	48.5	2.99	0.8	0.95	1	46	3.3	0.82	0.98	1	43.5	3.66	0.85	1	1	41	4.1	0.88	1	1				
	1805	49.5	3	0.83	0.99	1	47	3.31	0.86	1	1	45	3.69	0.88	1	1	42	4.13	0.92	1	1				
67°F	1445	50	3.01	0.61	0.75	0.88	47.5	3.32	0.62	0.77	0.91	44.5	3.68	0.64	0.79	0.94	42	4.12	0.66	0.82	0.98				
	1615	51	3.02	0.63	0.78	0.92	48.5	3.33	0.65	0.8	0.95	46	3.7	0.66	0.83	0.98	42.5	4.13	0.68	0.86	1				
	1805	52	3.04	0.65	0.81	0.96	49.5	3.35	0.67	0.83	0.99	46.5	3.71	0.68	0.86	1	43.5	4.15	0.71	0.9	1				
71°F	1445	52.5	3.04	0.46	0.6	0.73	50	3.35	0.47	0.61	0.74	47	3.72	0.48	0.63	0.77	44	4.16	0.49	0.65	0.8				
	1615	54	3.06	0.48	0.62	0.75	51	3.37	0.48	0.63	0.78	48.5	3.73	0.49	0.65	0.8	45	4.17	0.5	0.67	0.83				
	1805	55	3.07	0.49	0.64	0.78	52	3.38	0.49	0.66	0.81	49	3.75	0.5	0.67	0.84	46	4.18	0.51	0.7	0.87				

XP16-048-230-05 - CX34-62D-6F + SLP98UH135V60D - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
960	37.6	2.59	35.8	2.55	34.1	2.52	32.4	2.49
1094	38.3	2.45	36.6	2.41	34.9	2.38	33.2	2.35
1290	39.1	2.3	37.4	2.27	35.7	2.23	34	2.2

XP16-048-230-05 - CX34-62D-6F + SLP98UH135V60D - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1445	54.2	3.3	42.6	3.06	30.4	2.81	22.3	2.53	11	1.87
1616	54.9	3.21	43.3	2.97	31	2.72	22.9	2.44	11.7	1.78
1805	55.5	3.13	44	2.89	31.7	2.64	23.6	2.36	12.3	1.7

XP16-048-230-05 - CX34-62D-6F + SLP98UH135V60D HEATING PERFORMANCE at 1616 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.21	54.9
60	3.15	52.2
55	3.1	49.6
50	3.04	46.9
47	3.01	45.4
45	2.97	43.3
40	2.87	38.2
35	2.77	33
30	2.74	32
25	2.72	31
20	2.7	30.1
17	2.68	29.5
15	2.66	28.4
10	2.61	25.8
5	2.44	22.9
0	2.28	20.1
-5	2.11	17.3
-10	1.94	14.5
-15	1.78	11.7
-20	1.61	8.8

XP16-060-230-05 - CBX26UH-060 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)						
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb						
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F					
63°F	1565	47.5	2.17	0.78	0.93	1	45.5	2.52	0.79	0.95	1	43	2.9	0.81	0.98	1	40.5	3.33	0.84	1	1				
	1565	47.5	2.17	0.78	0.93	1	45.5	2.52	0.79	0.95	1	43	2.9	0.81	0.98	1	40.5	3.33	0.84	1	1				
	1800	48.5	2.17	0.81	0.97	1	46.5	2.52	0.83	0.99	1	44.5	2.9	0.85	1	1	42	3.33	0.87	1	1				
67°F	1565	50	2.17	0.61	0.75	0.9	48	2.52	0.62	0.77	0.92	45.5	2.9	0.63	0.79	0.94	43	3.33	0.64	0.81	0.97				
	1565	50	2.17	0.61	0.75	0.9	48	2.52	0.62	0.77	0.92	45.5	2.9	0.63	0.79	0.94	43	3.33	0.64	0.81	0.97				
	1800	51.5	2.17	0.63	0.78	0.94	49	2.52	0.63	0.8	0.96	46.5	2.9	0.65	0.82	0.99	44	3.33	0.67	0.85	1				
71°F	1565	52.5	2.16	0.46	0.6	0.73	50	2.52	0.46	0.61	0.75	47.5	2.9	0.47	0.62	0.76	45	3.33	0.47	0.63	0.78				
	1565	52.5	2.16	0.46	0.6	0.73	50	2.52	0.46	0.61	0.75	47.5	2.9	0.47	0.62	0.76	45	3.33	0.47	0.63	0.78				
	1800	53.5	2.16	0.47	0.62	0.76	51.5	2.52	0.47	0.63	0.78	49	2.9	0.48	0.63	0.8	46	3.34	0.49	0.65	0.82				

XP16-060-230-05 - CBX26UH-060 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)						
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb						
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F					
63°F	1565	56.5	3.74	0.73	0.86	0.98	54	4.17	0.74	0.87	1	51	4.67	0.76	0.9	1	48	5.24	0.77	0.93	1				
	1800	58	3.77	0.75	0.89	1	55.5	4.2	0.77	0.91	1	53	4.69	0.78	0.94	1	49.5	5.27	0.81	0.97	1				
	2020	59.5	3.79	0.78	0.93	1	57	4.22	0.79	0.95	1	54	4.72	0.81	0.98	1	50.5	5.29	0.84	1	1				
67°F	1565	59.5	3.79	0.58	0.7	0.82	57	4.22	0.59	0.72	0.84	54	4.72	0.6	0.73	0.86	50.5	5.29	0.61	0.75	0.89				
	1800	61	3.82	0.6	0.73	0.86	58.5	4.25	0.6	0.74	0.88	55.5	4.75	0.61	0.76	0.9	52.5	5.32	0.63	0.78	0.94				
	2020	62.5	3.85	0.61	0.75	0.89	60	4.28	0.62	0.77	0.92	57	4.77	0.63	0.79	0.94	53.5	5.35	0.65	0.81	0.98				
71°F	1565	62.5	3.85	0.45	0.57	0.68	60	4.28	0.45	0.57	0.69	57	4.77	0.46	0.58	0.71	53.5	5.35	0.46	0.59	0.73				
	1800	64	3.88	0.45	0.58	0.71	61.5	4.31	0.46	0.59	0.72	58.5	4.81	0.47	0.6	0.74	55	5.38	0.46	0.61	0.76				
	2020	65.5	3.9	0.46	0.6	0.73	62.5	4.33	0.47	0.61	0.75	59	4.82	0.47	0.61	0.77	56	5.4	0.48	0.63	0.79				

XP16-060-230-05 - CBX26UH-060 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1565	47.1	3.31	44.5	3.23	41.9	3.15	39.2	3.08
1565	47.1	3.31	44.5	3.23	41.9	3.15	39.2	3.08
1800	47.8	3.17	45.1	3.09	42.5	3.01	39.9	2.94

XP16-060-230-05 - CBX26UH-060 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1567	64.6	5.11	51.2	4.5	36.8	3.86	27.6	3.4	13.6	2.57
1800	65.4	4.91	51.9	4.3	37.5	3.66	28.3	3.2	14.3	2.37
2020	66	4.75	52.5	4.14	38.2	3.5	28.9	3.04	14.9	2.21

XP16-060-230-05 - CBX26UH-060 HEATING PERFORMANCE at 1800 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.91	65.4
60	4.77	62.3
55	4.63	59.3
50	4.5	56.2
47	4.42	54.4
45	4.3	51.9
40	4.02	45.6
35	3.74	39.3
30	3.7	38.4
25	3.66	37.5
20	3.62	36.6
17	3.6	36.1
15	3.55	34.9
10	3.41	31.8
5	3.2	28.3
0	2.99	24.8
-5	2.79	21.3
-10	2.58	17.8
-15	2.37	14.3
-20	2.16	10.8

XP16-060-230-05 - CBX27UH-060 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1260	45	2.19	0.75	0.88	1	43	2.54	0.76	0.9	1	41	2.93	0.78	0.93	1	39	3.38	0.8	0.96	1				
	1260	45	2.19	0.75	0.88	1	43	2.54	0.76	0.9	1	41	2.93	0.78	0.93	1	39	3.38	0.8	0.96	1				
	1800	49	2.18	0.83	0.99	1	47	2.54	0.85	1	1	45	2.93	0.88	1	1	43	3.37	0.91	1	1				
67°F	1260	47.5	2.19	0.59	0.72	0.85	45.5	2.54	0.6	0.74	0.87	43.5	2.93	0.61	0.76	0.89	41	3.37	0.62	0.78	0.92				
	1260	47.5	2.19	0.59	0.72	0.85	45.5	2.54	0.6	0.74	0.87	43.5	2.93	0.61	0.76	0.89	41	3.37	0.62	0.78	0.92				
	1800	51.5	2.18	0.65	0.81	0.96	49	2.53	0.66	0.83	0.98	46.5	2.93	0.67	0.85	1	44	3.37	0.69	0.89	1				
71°F	1260	50	2.18	0.45	0.58	0.7	48	2.53	0.45	0.59	0.71	46	2.92	0.45	0.6	0.73	43.5	3.36	0.46	0.61	0.75				
	1260	50	2.18	0.45	0.58	0.7	48	2.53	0.45	0.59	0.71	46	2.92	0.45	0.6	0.73	43.5	3.36	0.46	0.61	0.75				
	1800	54	2.17	0.47	0.63	0.78	51.5	2.53	0.48	0.65	0.81	49	2.93	0.48	0.66	0.83	46.5	3.37	0.49	0.68	0.86				

XP16-060-230-05 - CBX27UH-060 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1590	59	3.64	0.74	0.86	0.98	56.5	4.1	0.75	0.88	1	53.5	4.62	0.76	0.91	1	50.5	5.25	0.79	0.94	1				
	1800	60.5	3.66	0.76	0.9	1	58	4.12	0.77	0.92	1	55	4.65	0.79	0.95	1	52	5.27	0.82	0.97	1				
	2190	63	3.69	0.8	0.96	1	60.5	4.15	0.82	0.98	1	57.5	4.68	0.85	1	1	54.5	5.3	0.87	1	1				
67°F	1590	62	3.68	0.59	0.71	0.83	59.5	4.13	0.59	0.72	0.85	56.5	4.67	0.6	0.74	0.87	53	5.28	0.62	0.76	0.9				
	1800	63.5	3.7	0.6	0.74	0.87	61	4.15	0.61	0.75	0.89	58	4.69	0.62	0.77	0.91	54.5	5.3	0.63	0.79	0.94				
	2190	66	3.74	0.63	0.78	0.93	63.5	4.18	0.64	0.8	0.95	60	4.72	0.65	0.82	0.98	56.5	5.34	0.67	0.85	1				
71°F	1590	65	3.72	0.45	0.57	0.69	62	4.17	0.45	0.58	0.7	59	4.7	0.45	0.59	0.72	56	5.32	0.46	0.6	0.74				
	1800	66.5	3.74	0.45	0.59	0.71	64	4.19	0.46	0.6	0.73	60.5	4.73	0.46	0.61	0.75	57.5	5.34	0.47	0.62	0.77				
	2190	69.5	3.78	0.47	0.62	0.76	66.5	4.23	0.47	0.63	0.78	63	4.76	0.48	0.64	0.8	59.5	5.37	0.48	0.66	0.83				

XP16-060-230-05 - CBX27UH-060 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1260	46	3.23	43.4	3.17	40.8	3.1	38.2	3.04
1260	46	3.23	43.4	3.17	40.8	3.1	38.2	3.04
1800	48	2.85	45.4	2.78	42.8	2.72	40.2	2.66

XP16-060-230-05 - CBX27UH-060 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1590	65.1	4.46	50.6	4	34.9	3.52	26.8	3.1	13.2	2.32
1800	65.8	4.31	51.4	3.85	35.7	3.37	27.6	2.95	14	2.17
2190	67.6	4.1	53.2	3.64	37.5	3.16	29.4	2.74	15.8	1.97

XP16-060-230-05 - CBX27UH-060

HEATING PERFORMANCE at 1800 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.31	65.8
60	4.21	62.7
55	4.1	59.5
50	3.99	56.3
47	3.93	54.4
45	3.85	51.4
40	3.65	43.7
35	3.46	36.1
30	3.41	35.9
25	3.37	35.7
20	3.32	35.5
17	3.29	35.4
15	3.25	34.2
10	3.15	31
5	2.95	27.6
0	2.76	24.2
-5	2.56	20.8
-10	2.37	17.4
-15	2.17	14
-20	1.98	10.6

XP16-060-230-05 - CBX32M-060 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	1630	48	2.18	0.8	0.96	1	46	2.54	0.82	0.98	1	43.5	2.93	0.84	1	1	41	3.37	0.87	1	1
	1630	48	2.18	0.8	0.96	1	46	2.54	0.82	0.98	1	43.5	2.93	0.84	1	1	41	3.37	0.87	1	1
	1795	49	2.18	0.83	0.98	1	47	2.54	0.85	1	1	44.5	2.93	0.87	1	1	42.5	3.37	0.9	1	1
67°F	1630	51	2.18	0.62	0.78	0.92	48.5	2.53	0.63	0.79	0.95	46	2.93	0.65	0.82	0.97	43	3.37	0.66	0.84	1
	1630	51	2.18	0.62	0.78	0.92	48.5	2.53	0.63	0.79	0.95	46	2.93	0.65	0.82	0.97	43	3.37	0.66	0.84	1
	1795	51.5	2.17	0.64	0.8	0.96	49.5	2.53	0.65	0.82	0.98	46.5	2.92	0.66	0.85	1	44	3.37	0.68	0.87	1
71°F	1630	54	2.17	0.46	0.61	0.75	51.5	2.53	0.46	0.62	0.77	48.5	2.92	0.47	0.63	0.79	46	3.37	0.48	0.65	0.82
	1630	54	2.17	0.46	0.61	0.75	51.5	2.53	0.46	0.62	0.77	48.5	2.92	0.47	0.63	0.79	46	3.37	0.48	0.65	0.82
	1795	55	2.17	0.47	0.62	0.78	52	2.53	0.47	0.64	0.8	49.5	2.92	0.48	0.65	0.82	46.5	3.37	0.49	0.67	0.85

XP16-060-230-05 - CBX32M-060 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	1630	59.5	3.6	0.73	0.86	0.98	56.5	4.06	0.74	0.88	1	54	4.6	0.76	0.9	1	50.5	5.21	0.78	0.93	1
	1795	60.5	3.61	0.75	0.89	1	58	4.07	0.76	0.91	1	55	4.6	0.78	0.93	1	51.5	5.23	0.8	0.96	1
	2000	62	3.63	0.77	0.92	1	59.5	4.08	0.79	0.94	1	56	4.61	0.81	0.97	1	52.5	5.25	0.83	0.99	1
67°F	1630	63	3.63	0.58	0.7	0.83	60	4.09	0.59	0.72	0.85	57	4.62	0.6	0.74	0.87	53.5	5.25	0.61	0.76	0.9
	1795	64	3.65	0.59	0.72	0.85	61.5	4.1	0.6	0.74	0.88	58	4.64	0.61	0.76	0.9	54.5	5.27	0.62	0.78	0.93
	2000	65.5	3.67	0.61	0.75	0.89	62.5	4.12	0.62	0.76	0.91	59.5	4.66	0.63	0.78	0.93	55.5	5.28	0.64	0.81	0.97
71°F	1630	66.5	3.67	0.45	0.57	0.68	63.5	4.13	0.45	0.57	0.69	60	4.66	0.45	0.58	0.71	56.5	5.29	0.46	0.6	0.73
	1795	67.5	3.69	0.45	0.58	0.7	64.5	4.14	0.45	0.59	0.72	61.5	4.68	0.46	0.6	0.73	58	5.3	0.46	0.61	0.76
	2000	69	3.71	0.46	0.59	0.72	66	4.16	0.46	0.6	0.74	62.5	4.7	0.46	0.61	0.76	59	5.31	0.47	0.63	0.79

XP16-060-230-05 - CBX32M-060 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1630	49	3.28	46.2	3.22	43.4	3.15	40.6	3.09
1630	49	3.28	46.2	3.22	43.4	3.15	40.6	3.09
1795	49.3	3.19	46.5	3.12	43.7	3.06	40.9	2.99

XP16-060-230-05 - CBX32M-060 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1630	66.9	5.05	52.8	4.47	37.9	3.85	28.3	3.37	14.1	2.53
1795	67.4	4.91	53.3	4.33	38.4	3.71	28.8	3.23	14.6	2.39
2000	68.1	4.77	54.1	4.19	39.2	3.58	29.6	3.1	15.3	2.26

XP16-060-230-05 - CBX32M-060

HEATING PERFORMANCE at 1795 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.91	67.4
60	4.78	64.2
55	4.64	61
50	4.51	57.8
47	4.43	55.9
45	4.33	53.3
40	4.07	46.9
35	3.82	40.5
30	3.76	39.5
25	3.71	38.4
20	3.66	37.4
17	3.63	36.8
15	3.58	35.5
10	3.44	32.4
5	3.23	28.8
0	3.02	25.3
-5	2.81	21.7
-10	2.6	18.1
-15	2.39	14.6
-20	2.18	11

XP16-060-230-05 - CBX32MV-060 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																				
		75°F						85°F						95°F						105°F		
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F	75°F
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F		
63°F	1075	43.5	2.2	0.71	0.84	0.96	41.5	2.55	0.73	0.86	0.98	39.5	2.94	0.74	0.88	0.99	37.4	3.38	0.76	0.9	1	
	1240	45	2.19	0.74	0.87	0.99	43	2.54	0.75	0.89	1	41	2.93	0.77	0.92	1	38.5	3.38	0.79	0.95	1	
	1525	47.5	2.19	0.78	0.94	1	45	2.54	0.8	0.96	1	43	2.93	0.82	0.98	1	40.5	3.38	0.85	1	1	
67°F	1075	46.5	2.19	0.57	0.69	0.8	44.5	2.54	0.58	0.7	0.82	42	2.93	0.59	0.71	0.84	40	3.37	0.59	0.73	0.86	
	1240	48	2.18	0.59	0.71	0.84	46	2.54	0.59	0.73	0.86	43.5	2.93	0.6	0.74	0.88	41	3.37	0.62	0.76	0.91	
	1525	50	2.18	0.61	0.76	0.9	48	2.53	0.62	0.78	0.92	45.5	2.93	0.63	0.8	0.95	43	3.37	0.65	0.82	0.98	
71°F	1075	49	2.18	0.44	0.55	0.66	47	2.54	0.44	0.56	0.67	44.5	2.93	0.45	0.57	0.69	42	3.37	0.45	0.58	0.71	
	1240	50.5	2.18	0.45	0.57	0.69	48.5	2.53	0.45	0.58	0.7	46	2.93	0.45	0.59	0.72	43.5	3.37	0.46	0.6	0.74	
	1525	53	2.17	0.46	0.6	0.73	50.5	2.53	0.46	0.61	0.75	48	2.93	0.47	0.62	0.77	45.5	3.37	0.47	0.64	0.8	

XP16-060-230-05 - CBX32MV-060 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																				
		85°F						95°F						105°F						115°F		
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F	
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F		
63°F	1555	59	3.59	0.72	0.85	0.97	56	4.05	0.74	0.87	0.99	53.5	4.58	0.75	0.89	1	50	5.21	0.77	0.92	1	
	1815	61	3.62	0.75	0.89	1	58	4.07	0.77	0.91	1	55	4.6	0.78	0.94	1	52	5.24	0.81	0.97	1	
	2055	62.5	3.63	0.78	0.93	1	59.5	4.08	0.79	0.95	1	56.5	4.62	0.82	0.97	1	53	5.25	0.84	1	1	
67°F	1555	62.5	3.63	0.58	0.7	0.82	59.5	4.08	0.58	0.71	0.83	56.5	4.62	0.59	0.73	0.86	53	5.25	0.6	0.75	0.88	
	1815	64.5	3.65	0.59	0.73	0.86	61.5	4.1	0.6	0.74	0.88	58	4.64	0.61	0.76	0.9	54.5	5.27	0.63	0.78	0.93	
	2055	66	3.67	0.61	0.75	0.89	63	4.12	0.62	0.77	0.92	59.5	4.66	0.63	0.79	0.94	56	5.28	0.65	0.82	0.97	
71°F	1555	65.5	3.66	0.44	0.56	0.67	62.5	4.12	0.45	0.57	0.69	59.5	4.66	0.45	0.58	0.7	56	5.27	0.45	0.59	0.72	
	1815	68	3.69	0.45	0.58	0.7	65	4.14	0.45	0.59	0.72	61.5	4.68	0.46	0.6	0.74	58	5.3	0.46	0.61	0.76	
	2055	69.5	3.71	0.46	0.6	0.73	66.5	4.17	0.46	0.61	0.75	63	4.7	0.47	0.62	0.77	59	5.32	0.47	0.63	0.79	

XP16-060-230-05 - CBX32MV-060 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1075	46.5	3.89	43.8	3.8	41.1	3.7	38.4	3.61
1240	47	3.64	44.3	3.55	41.6	3.46	38.9	3.36
1525	48	3.36	45.2	3.27	42.5	3.17	39.8	3.08

XP16-060-230-05 - CBX32MV-060 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1555	66.2	5.11	52.1	4.53	37.3	3.92	27.6	3.45	13.6	2.6
1815	67.1	4.89	53.1	4.32	38.2	3.71	28.6	3.23	14.5	2.39
2055	68.1	4.74	54.1	4.16	39.2	3.55	29.6	3.08	15.5	2.23

XP16-060-230-05 - CBX32MV-060

HEATING PERFORMANCE at 1815 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.89	67.1
60	4.76	63.9
55	4.63	60.7
50	4.5	57.5
47	4.42	55.6
45	4.32	53.1
40	4.06	46.6
35	3.81	40.2
30	3.76	39.2
25	3.71	38.2
20	3.65	37.2
17	3.62	36.5
15	3.57	35.3
10	3.44	32.1
5	3.23	28.6
0	3.02	25
-5	2.81	21.5
-10	2.6	18
-15	2.39	14.5
-20	2.18	11

XP16-060-230-05 - CBX32MV-068 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
63°F	1115	43.5	2.17	0.72	0.84	0.96	41.5	2.52	0.73	0.86	0.98	39.5	2.9	0.74	0.88	1	37.2	3.33	0.76	0.91	1				
	1300	45.5	2.17	0.74	0.88	1	43	2.52	0.76	0.9	1	41	2.9	0.78	0.93	1	38.5	3.33	0.8	0.96	1				
	1510	46.5	2.16	0.78	0.92	1	44.5	2.51	0.79	0.95	1	42	2.9	0.81	0.98	1	40	3.33	0.84	1	1				
67°F	1115	46.5	2.17	0.57	0.69	0.8	44.5	2.51	0.58	0.7	0.82	42	2.9	0.59	0.72	0.84	40	3.33	0.6	0.74	0.87				
	1300	48	2.16	0.59	0.72	0.84	46	2.51	0.6	0.73	0.87	43.5	2.9	0.61	0.75	0.89	41	3.33	0.62	0.78	0.92				
	1510	49.5	2.16	0.61	0.75	0.89	47.5	2.51	0.62	0.77	0.91	45	2.9	0.63	0.79	0.94	42	3.33	0.64	0.81	0.97				
71°F	1115	49	2.16	0.44	0.55	0.66	47	2.51	0.44	0.56	0.68	44.5	2.9	0.45	0.57	0.69	42	3.33	0.45	0.58	0.71				
	1300	51	2.16	0.45	0.57	0.7	48.5	2.51	0.45	0.58	0.7	46	2.89	0.46	0.59	0.73	43.5	3.33	0.46	0.6	0.75				
	1510	52.5	2.15	0.45	0.59	0.72	50	2.51	0.46	0.6	0.74	47.5	2.9	0.47	0.62	0.76	45	3.33	0.47	0.63	0.79				

XP16-060-230-05 - CBX32MV-068 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
63°F	1560	58	3.62	0.72	0.84	0.96	55.5	4.07	0.73	0.86	0.98	52.5	4.58	0.74	0.88	1	49.5	5.18	0.77	0.91	1				
	1800	60	3.64	0.75	0.88	1	57	4.09	0.75	0.9	1	54.5	4.6	0.78	0.93	1	51	5.2	0.8	0.96	1				
	2075	62	3.67	0.77	0.92	1	59	4.11	0.79	0.94	1	56	4.63	0.81	0.97	1	52.5	5.22	0.83	1	1				
67°F	1560	61.5	3.67	0.58	0.69	0.81	59	4.11	0.58	0.71	0.83	56	4.63	0.59	0.72	0.85	52.5	5.22	0.6	0.74	0.88				
	1800	63.5	3.69	0.59	0.72	0.84	60.5	4.13	0.59	0.73	0.86	57.5	4.65	0.61	0.75	0.89	54	5.25	0.62	0.77	0.92				
	2075	65	3.71	0.6	0.75	0.88	62	4.16	0.62	0.76	0.91	59	4.67	0.63	0.78	0.94	55.5	5.27	0.64	0.81	0.97				
71°F	1560	65	3.71	0.44	0.56	0.67	62	4.16	0.45	0.57	0.68	59	4.68	0.45	0.57	0.7	55.5	5.27	0.45	0.59	0.71				
	1800	67	3.74	0.45	0.57	0.7	64	4.18	0.45	0.58	0.71	61	4.71	0.46	0.59	0.73	57.5	5.3	0.46	0.61	0.75				
	2075	68.5	3.76	0.46	0.59	0.72	65.5	4.21	0.46	0.6	0.74	62.5	4.73	0.46	0.62	0.76	58.5	5.32	0.47	0.63	0.79				

XP16-060-230-05 - CBX32MV-068 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1115	43.4	3.44	41.1	3.37	38.7	3.3	36.4	3.24
1300	44	3.22	41.7	3.15	39.3	3.08	37	3.02
1510	44.7	3.05	42.3	2.98	40	2.91	37.6	2.84

XP16-060-230-05 - CBX32MV-068 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1560	63.3	4.81	49.8	4.26	35.4	3.68	26.2	3.26	12.8	2.46
1800	64.2	4.6	50.6	4.05	36.3	3.46	27	3.05	13.7	2.25
2075	65.2	4.44	51.6	3.89	37.3	3.3	28	2.88	14.7	2.09

XP16-060-230-05 - CBX32MV-068

HEATING PERFORMANCE at 1800 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.6	64.2
60	4.48	61.1
55	4.36	58
50	4.23	54.9
47	4.16	53.1
45	4.05	50.6
40	3.78	44.5
35	3.52	38.3
30	3.49	37.3
25	3.46	36.3
20	3.43	35.3
17	3.42	34.7
15	3.37	33.4
10	3.25	30.4
5	3.05	27
0	2.85	23.7
-5	2.65	20.4
-10	2.45	17.1
-15	2.25	13.7
-20	2.05	10.4

XP16-060-230-05 - CBX40UHV-060 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1045	43.5	2.2	0.71	0.83	0.95	41.5	2.55	0.72	0.85	0.97	39.5	2.94	0.74	0.87	0.99	37	3.38	0.75	0.89	1				
	1250	45.5	2.19	0.74	0.88	0.99	43.5	2.54	0.75	0.9	1	41	2.93	0.77	0.92	1	38.5	3.38	0.79	0.95	1				
	1430	47	2.19	0.77	0.92	1	44.5	2.54	0.79	0.94	1	42.5	2.93	0.8	0.96	1	40	3.38	0.83	0.99	1				
67°F	1045	46	2.19	0.57	0.68	0.8	44	2.54	0.57	0.69	0.81	42	2.93	0.58	0.71	0.83	39.5	3.37	0.59	0.73	0.86				
	1250	48	2.18	0.59	0.72	0.84	46	2.54	0.59	0.73	0.86	43.5	2.93	0.6	0.75	0.88	41	3.37	0.62	0.77	0.91				
	1430	49.5	2.18	0.6	0.74	0.88	47.5	2.54	0.61	0.76	0.9	45	2.93	0.62	0.78	0.93	42	3.37	0.64	0.8	0.96				
71°F	1045	48.5	2.18	0.44	0.55	0.66	46.5	2.54	0.44	0.56	0.67	44.5	2.93	0.44	0.57	0.68	42	3.37	0.45	0.58	0.7				
	1250	51	2.18	0.45	0.57	0.69	48.5	2.53	0.45	0.58	0.7	46.5	2.93	0.45	0.59	0.72	43.5	3.37	0.46	0.6	0.74				
	1430	52.5	2.18	0.45	0.59	0.72	50	2.53	0.46	0.6	0.74	47.5	2.92	0.46	0.61	0.75	45	3.37	0.47	0.62	0.78				

XP16-060-230-05 - CBX40UHV-060 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1555	59	3.59	0.72	0.85	0.97	56	4.05	0.74	0.87	0.99	53.5	4.58	0.75	0.89	1	50	5.21	0.77	0.92	1				
	1805	61	3.61	0.75	0.89	1	58	4.07	0.76	0.91	1	55	4.6	0.78	0.94	1	51.5	5.24	0.81	0.96	1				
	2055	62.5	3.63	0.78	0.93	1	59.5	4.08	0.79	0.95	1	56.5	4.62	0.82	0.97	1	53	5.25	0.84	1	1				
67°F	1555	62.5	3.63	0.58	0.7	0.82	59.5	4.08	0.58	0.71	0.83	56.5	4.62	0.59	0.73	0.86	53	5.25	0.6	0.75	0.88				
	1805	64.5	3.65	0.59	0.73	0.86	61.5	4.1	0.6	0.74	0.88	58.5	4.64	0.61	0.76	0.9	54.5	5.27	0.63	0.78	0.93				
	2055	66	3.67	0.61	0.75	0.89	63	4.12	0.62	0.77	0.92	59.5	4.66	0.63	0.79	0.94	56	5.28	0.65	0.82	0.97				
71°F	1555	65.5	3.66	0.44	0.56	0.67	62.5	4.12	0.45	0.57	0.69	59.5	4.66	0.45	0.58	0.7	56	5.27	0.45	0.59	0.72				
	1805	68	3.69	0.45	0.58	0.7	65	4.14	0.45	0.59	0.72	61.5	4.68	0.46	0.6	0.73	58	5.3	0.46	0.61	0.76				
	2055	69.5	3.71	0.46	0.6	0.73	66.5	4.17	0.46	0.61	0.75	63	4.7	0.47	0.62	0.77	59	5.32	0.47	0.63	0.79				

XP16-060-230-05 - CBX40UHV-060 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1045	46.4	3.95	43.6	3.86	40.9	3.77	38.2	3.67
1250	47.1	3.63	44.4	3.54	41.7	3.44	39	3.35
1430	47.8	3.44	45.1	3.35	42.4	3.26	39.7	3.17

XP16-060-230-05 - CBX40UHV-060 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1555	66.1	5.11	52.1	4.53	37.3	3.92	27.6	3.44	13.6	2.6
1805	67	4.9	53	4.32	38.2	3.71	28.6	3.23	14.5	2.39
2055	68	4.74	54	4.16	39.2	3.55	29.6	3.07	15.5	2.23

XP16-060-230-05 - CBX40UHV-060 HEATING PERFORMANCE at 1805 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.9	67
60	4.77	63.9
55	4.64	60.7
50	4.5	57.5
47	4.42	55.6
45	4.32	53
40	4.07	46.6
35	3.81	40.2
30	3.76	39.2
25	3.71	38.2
20	3.66	37.1
17	3.63	36.5
15	3.57	35.3
10	3.44	32.1
5	3.23	28.6
0	3.02	25
-5	2.81	21.5
-10	2.6	18
-15	2.39	14.5
-20	2.18	11

XP16-060-230-05 - CH23-68 - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW							
63°F	1180	45.5	2.19	0.74	0.87	0.99	43	2.54	0.76	0.89	1	41	2.94	0.77	0.91	1	38.5	3.37	0.79	0.94	1				
	1350	46.5	2.19	0.77	0.91	1	44.5	2.54	0.79	0.93	1	42.5	2.93	0.81	0.96	1	40	3.37	0.83	0.98	1				
	1520	48	2.18	0.8	0.95	1	46	2.54	0.82	0.97	1	43.5	2.93	0.84	0.99	1	41	3.37	0.87	1	1				
67°F	1180	48	2.18	0.59	0.72	0.84	46	2.54	0.6	0.73	0.86	44	2.93	0.61	0.75	0.88	41	3.37	0.63	0.77	0.91				
	1350	49.5	2.18	0.61	0.74	0.88	47.5	2.54	0.62	0.76	0.9	45	2.93	0.63	0.78	0.92	42.5	3.37	0.65	0.8	0.95				
	1520	51	2.18	0.63	0.77	0.91	48.5	2.53	0.64	0.79	0.94	46	2.93	0.65	0.81	0.96	43.5	3.37	0.67	0.84	0.99				
71°F	1180	51.5	2.18	0.46	0.57	0.69	49	2.53	0.46	0.59	0.7	46.5	2.92	0.46	0.6	0.72	44	3.37	0.47	0.61	0.74				
	1350	53	2.17	0.46	0.59	0.72	50.5	2.53	0.47	0.6	0.74	48	2.92	0.48	0.62	0.75	45.5	3.37	0.48	0.63	0.78				
	1520	54.5	2.17	0.47	0.61	0.75	52	2.53	0.48	0.62	0.77	49	2.93	0.48	0.64	0.79	46.5	3.37	0.49	0.66	0.81				

XP16-060-230-05 - CH23-68 - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW							
63°F	1575	57.5	3.77	0.74	0.87	0.99	55	4.2	0.76	0.89	1	52.5	4.69	0.77	0.91	1	49	5.27	0.8	0.94	1				
	1800	59.5	3.8	0.77	0.91	1	56.5	4.22	0.79	0.93	1	53.5	4.72	0.8	0.96	1	50.5	5.3	0.83	0.98	1				
	2025	60.5	3.82	0.8	0.95	1	58	4.25	0.81	0.97	1	55	4.75	0.84	0.99	1	52	5.34	0.87	1	1				
67°F	1575	61	3.83	0.6	0.72	0.84	58.5	4.26	0.61	0.73	0.86	55.5	4.75	0.62	0.75	0.88	52	5.34	0.63	0.77	0.91				
	1800	62.5	3.86	0.62	0.75	0.88	60	4.28	0.62	0.76	0.9	57	4.79	0.64	0.78	0.92	53.5	5.36	0.65	0.81	0.96				
	2025	64	3.88	0.63	0.78	0.92	61	4.31	0.64	0.79	0.94	58	4.81	0.65	0.81	0.96	54.5	5.39	0.67	0.84	0.99				
71°F	1575	64.5	3.89	0.46	0.58	0.7	61.5	4.32	0.46	0.59	0.71	58.5	4.83	0.47	0.6	0.73	55	5.4	0.48	0.62	0.75				
	1800	66	3.92	0.47	0.6	0.73	63.5	4.35	0.47	0.61	0.74	60	4.86	0.47	0.62	0.76	56.5	5.43	0.48	0.64	0.78				
	2025	67.5	3.95	0.48	0.62	0.75	64.5	4.38	0.49	0.63	0.77	61	4.87	0.49	0.64	0.79	57.5	5.45	0.5	0.66	0.82				

XP16-060-230-05 - CH23-68 - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1181	51.2	3.74	48.1	3.67	45	3.59	41.9	3.52
1350	51.9	3.55	48.7	3.47	45.6	3.4	42.5	3.32
1519	52.4	3.42	49.3	3.34	46.1	3.27	43	3.19

XP16-060-230-05 - CH23-68 - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1575	70.9	5.04	55.8	4.55	39.8	4.05	29.2	3.57	14.5	2.66
1800	71.6	4.87	56.5	4.39	40.5	3.88	29.9	3.4	15.2	2.5
2025	72.1	4.75	57	4.27	41	3.76	30.4	3.28	15.7	2.38

XP16-060-230-05 - CH23-68

HEATING PERFORMANCE at 1800 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.87	71.6
60	4.76	68.2
55	4.65	64.7
50	4.53	61.2
47	4.47	59.2
45	4.39	56.5
40	4.19	49.8
35	4	43.2
30	3.94	41.8
25	3.88	40.5
20	3.82	39.2
17	3.79	38.4
15	3.74	37
10	3.63	33.6
5	3.4	29.9
0	3.18	26.2
-5	2.95	22.6
-10	2.73	18.9
-15	2.5	15.2
-20	2.27	11.5

XP16-060-230-05 - CH23-68 + SL280UH135V60D - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
63°F	1120	44.5	2.2	0.73	0.85	0.97	42.5	2.55	0.74	0.87	0.99	40.5	2.94	0.75	0.89	1	38	3.38	0.77	0.92	1				
	1350	46.5	2.19	0.76	0.9	1	44.5	2.54	0.78	0.92	1	42	2.93	0.8	0.95	1	39.5	3.37	0.82	0.98	1				
	1485	47.5	2.19	0.79	0.93	1	45.5	2.54	0.8	0.96	1	43	2.93	0.82	0.98	1	41	3.38	0.85	1	1				
67°F	1120	47.5	2.18	0.58	0.7	0.82	45.5	2.54	0.59	0.71	0.83	43	2.93	0.6	0.73	0.86	40.5	3.37	0.61	0.75	0.88				
	1350	49.5	2.18	0.6	0.74	0.87	47.5	2.54	0.61	0.75	0.89	45	2.93	0.62	0.77	0.92	42.5	3.37	0.64	0.79	0.94				
	1485	50.5	2.18	0.62	0.76	0.9	48.5	2.53	0.63	0.78	0.92	46	2.93	0.64	0.8	0.95	43	3.37	0.66	0.83	0.98				
71°F	1120	50.5	2.18	0.44	0.56	0.68	48.5	2.53	0.45	0.57	0.69	46	2.92	0.46	0.58	0.7	43.5	3.37	0.46	0.59	0.72				
	1350	52.5	2.17	0.46	0.59	0.71	50.5	2.53	0.46	0.6	0.73	48	2.93	0.47	0.61	0.75	45	3.37	0.47	0.62	0.77				
	1485	54	2.17	0.46	0.6	0.74	51.5	2.53	0.47	0.61	0.75	49	2.92	0.47	0.63	0.77	46	3.37	0.48	0.64	0.8				

XP16-060-230-05 - CH23-68 + SL280UH135V60D - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
63°F	1600	57.5	3.77	0.74	0.87	0.99	55	4.2	0.76	0.89	1	52.5	4.7	0.77	0.92	1	49	5.27	0.79	0.94	1				
	1840	59.5	3.8	0.77	0.91	1	57	4.23	0.79	0.93	1	54	4.73	0.81	0.96	1	50.5	5.3	0.83	0.99	1				
	2105	61	3.83	0.81	0.96	1	58.5	4.26	0.83	0.98	1	55.5	4.76	0.85	1	1	52.5	5.35	0.88	1	1				
67°F	1600	61	3.83	0.6	0.72	0.84	58.5	4.26	0.6	0.73	0.86	55.5	4.75	0.61	0.75	0.88	52	5.34	0.63	0.77	0.91				
	1840	62.5	3.86	0.61	0.75	0.88	60	4.29	0.62	0.77	0.9	57	4.79	0.63	0.79	0.93	53.5	5.37	0.65	0.81	0.96				
	2105	64.5	3.89	0.63	0.79	0.93	61.5	4.32	0.65	0.8	0.95	58.5	4.82	0.66	0.82	0.97	55	5.4	0.68	0.86	1				
71°F	1600	64.5	3.89	0.46	0.58	0.7	62	4.32	0.46	0.59	0.71	59	4.83	0.47	0.6	0.73	55.5	5.4	0.47	0.61	0.75				
	1840	66.5	3.93	0.47	0.6	0.73	63.5	4.36	0.47	0.61	0.74	60	4.86	0.48	0.62	0.76	56.5	5.44	0.48	0.64	0.79				
	2105	68	3.96	0.49	0.62	0.76	65	4.38	0.49	0.63	0.78	61.5	4.88	0.5	0.65	0.8	57.5	5.46	0.5	0.67	0.83				

XP16-060-230-05 - CH23-68 + SL280UH135V60D - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1122	50.5	3.8	47.4	3.73	44.2	3.65	41.1	3.58
1351	51.2	3.52	48.1	3.45	45	3.37	41.8	3.29
1485	51.8	3.42	48.6	3.35	45.5	3.27	42.3	3.2

XP16-060-230-05 - CH23-68 + SL280UH135V60D - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1600	70.6	5	55.5	4.52	39.5	4.02	28.8	3.54	14.3	2.64
1838	71.4	4.84	56.3	4.36	40.3	3.86	29.6	3.38	15.1	2.48
2105	72.3	4.72	57.1	4.24	41.1	3.73	30.5	3.26	15.9	2.36

XP16-060-230-05 - CH23-68 + SL280UH135V60D HEATING PERFORMANCE at 1838 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.84	71.4
60	4.73	68
55	4.61	64.5
50	4.5	61
47	4.43	59
45	4.36	56.3
40	4.17	49.6
35	3.98	43
30	3.92	41.6
25	3.86	40.3
20	3.8	38.9
17	3.76	38.1
15	3.72	36.8
10	3.6	33.3
5	3.38	29.6
0	3.15	26
-5	2.93	22.4
-10	2.71	18.7
-15	2.48	15.1
-20	2.26	11.4

XP16-060-230-05 - CH23-68 + SLP98UH135V60D - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	1070	44	2.2	0.72	0.84	0.95	42	2.55	0.73	0.86	0.97	40	2.94	0.74	0.88	1	37.6	3.38	0.76	0.9	1				
	1290	46	2.19	0.75	0.89	1	44	2.54	0.77	0.91	1	41.5	2.93	0.79	0.93	1	39.5	3.38	0.81	0.96	1				
	1565	48	2.18	0.8	0.95	1	46	2.54	0.82	0.97	1	44	2.93	0.84	0.99	1	41.5	3.37	0.87	1	1				
67°F	1070	47	2.19	0.58	0.69	0.8	45	2.54	0.58	0.7	0.82	42.5	2.93	0.59	0.72	0.84	40	3.38	0.6	0.74	0.87				
	1290	49	2.18	0.6	0.73	0.85	47	2.53	0.61	0.74	0.88	44.5	2.93	0.62	0.76	0.9	42	3.37	0.63	0.78	0.93				
	1565	51	2.18	0.63	0.77	0.92	49	2.53	0.64	0.79	0.94	46.5	2.93	0.65	0.82	0.97	43.5	3.37	0.67	0.84	0.99				
71°F	1070	50	2.18	0.44	0.56	0.66	47.5	2.53	0.44	0.57	0.68	45.5	2.93	0.45	0.58	0.69	43	3.37	0.46	0.59	0.71				
	1290	52.5	2.18	0.45	0.58	0.7	50	2.53	0.45	0.59	0.72	47.5	2.92	0.46	0.6	0.73	45	3.37	0.47	0.61	0.76				
	1565	54.5	2.17	0.47	0.61	0.75	52	2.53	0.47	0.62	0.77	49.5	2.93	0.48	0.64	0.79	46.5	3.37	0.49	0.66	0.82				

XP16-060-230-05 - CH23-68 + SLP98UH135V60D - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	1565	57.5	3.76	0.74	0.87	0.98	55	4.19	0.75	0.88	1	52	4.69	0.77	0.91	1	49	5.27	0.79	0.94	1				
	1805	59.5	3.8	0.77	0.91	1	56.5	4.22	0.78	0.93	1	53.5	4.72	0.8	0.95	1	50.5	5.3	0.83	0.98	1				
	2070	61	3.83	0.8	0.95	1	58.5	4.26	0.82	0.97	1	55.5	4.75	0.84	0.99	1	52.5	5.34	0.87	1	1				
67°F	1565	61	3.82	0.6	0.72	0.83	58	4.25	0.6	0.73	0.85	55	4.75	0.61	0.74	0.88	52	5.33	0.62	0.77	0.9				
	1805	62.5	3.86	0.61	0.75	0.88	60	4.29	0.62	0.76	0.9	57	4.78	0.63	0.78	0.92	53.5	5.36	0.65	0.8	0.95				
	2070	64	3.89	0.63	0.78	0.92	61.5	4.31	0.64	0.8	0.95	58	4.81	0.66	0.82	0.97	54.5	5.39	0.68	0.85	1				
71°F	1565	64	3.89	0.46	0.58	0.69	61.5	4.32	0.46	0.59	0.7	58.5	4.82	0.46	0.6	0.72	55	5.4	0.47	0.61	0.74				
	1805	66	3.92	0.46	0.6	0.72	63.5	4.35	0.47	0.61	0.74	60	4.85	0.47	0.62	0.76	56.5	5.43	0.48	0.63	0.78				
	2070	67.5	3.95	0.49	0.62	0.76	64.5	4.38	0.49	0.63	0.78	61.5	4.88	0.5	0.65	0.8	57.5	5.46	0.5	0.66	0.83				

XP16-060-230-05 - CH23-68 + SLP98UH135V60D - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1068	50.2	3.88	47.1	3.8	44	3.72	40.9	3.63
1292	51	3.59	47.9	3.5	44.7	3.42	41.6	3.34
1565	52	3.37	48.9	3.29	45.8	3.2	42.7	3.12

XP16-060-230-05 - CH23-68 + SLP98UH135V60D - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1565	70.5	5.03	55.4	4.55	39.4	4.04	28.8	3.57	14.3	2.67
1805	71.3	4.86	56.2	4.38	40.2	3.87	29.6	3.4	15.1	2.49
2070	72.3	4.73	57.2	4.25	41.2	3.75	30.6	3.27	16.1	2.37

**XP16-060-230-05 - CH23-68 + SLP98UH135V60D
HEATING PERFORMANCE at 1805 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.86	71.3
60	4.75	67.9
55	4.63	64.4
50	4.52	60.9
47	4.45	58.9
45	4.38	56.2
40	4.18	49.5
35	3.99	42.9
30	3.93	41.5
25	3.87	40.2
20	3.81	38.9
17	3.78	38.1
15	3.73	36.7
10	3.62	33.2
5	3.4	29.6
0	3.17	26
-5	2.94	22.3
-10	2.72	18.7
-15	2.49	15.1
-20	2.27	11.4

XP16-060-230-05 - CH33-50/60C-2F + SL280UH090V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	
63°F	1110	44	2.2	0.72	0.84	0.96	42	2.55	0.73	0.86	0.98	40	2.94	0.75	0.88	1	37.6	3.38	0.77	0.91	1
	1205	45	2.19	0.74	0.87	0.99	43	2.54	0.75	0.88	1	41	2.93	0.76	0.91	1	38.5	3.38	0.79	0.94	1
	1545	47.5	2.19	0.79	0.94	1	45.5	2.54	0.81	0.96	1	43	2.93	0.83	0.99	1	40.5	3.38	0.86	1	1
67°F	1110	47	2.19	0.58	0.69	0.81	45	2.54	0.59	0.71	0.83	42.5	2.93	0.59	0.72	0.85	40	3.38	0.61	0.74	0.87
	1205	48	2.19	0.59	0.71	0.83	46	2.54	0.59	0.72	0.85	43.5	2.93	0.6	0.74	0.87	41	3.37	0.62	0.76	0.9
	1545	51	2.18	0.62	0.76	0.91	48.5	2.53	0.63	0.78	0.93	46	2.92	0.64	0.8	0.96	43	3.37	0.66	0.83	0.99
71°F	1110	49.5	2.18	0.45	0.56	0.67	47.5	2.54	0.45	0.57	0.68	45	2.93	0.46	0.58	0.7	42.5	3.37	0.46	0.59	0.71
	1205	50.5	2.18	0.45	0.57	0.68	48.5	2.54	0.46	0.58	0.7	46	2.93	0.46	0.59	0.71	43.5	3.37	0.47	0.6	0.73
	1545	53.5	2.17	0.47	0.61	0.74	51.5	2.53	0.48	0.62	0.76	48.5	2.93	0.48	0.63	0.78	46	3.37	0.49	0.65	0.8

XP16-060-230-05 - CH33-50/60C-2F + SL280UH090V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	
63°F	1575	56.5	3.65	0.74	0.86	0.98	54.5	4.08	0.75	0.88	1	51.5	4.59	0.77	0.91	1	48.5	5.16	0.79	0.93	1
	1740	58	3.67	0.76	0.89	1	55.5	4.1	0.77	0.91	1	52.5	4.61	0.79	0.94	1	49.5	5.18	0.81	0.97	1
	2120	60.5	3.71	0.8	0.95	1	58	4.14	0.82	0.98	1	55	4.64	0.84	1	1	51.5	5.22	0.87	1	1
67°F	1575	60	3.7	0.59	0.71	0.83	57.5	4.13	0.6	0.73	0.85	54.5	4.64	0.61	0.74	0.87	51	5.22	0.62	0.76	0.9
	1740	61.5	3.72	0.61	0.73	0.86	58.5	4.15	0.61	0.75	0.88	55.5	4.65	0.62	0.76	0.9	52	5.24	0.64	0.79	0.93
	2120	63.5	3.75	0.64	0.78	0.92	61	4.19	0.65	0.8	0.94	57.5	4.69	0.66	0.82	0.97	54	5.27	0.68	0.85	1
71°F	1575	63	3.75	0.46	0.58	0.69	60.5	4.18	0.46	0.59	0.7	57.5	4.69	0.47	0.59	0.72	54	5.27	0.47	0.61	0.74
	1740	64.5	3.77	0.47	0.59	0.71	61.5	4.2	0.47	0.6	0.73	58.5	4.71	0.47	0.61	0.74	55	5.29	0.48	0.62	0.76
	2120	67	3.81	0.48	0.62	0.76	64	4.24	0.49	0.63	0.77	61	4.75	0.5	0.65	0.8	57	5.33	0.51	0.67	0.82

XP16-060-230-05 - CH33-50/60C-2F + SL280UH090V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1110	45.8	4.4	43.2	4.28	40.7	4.16	38.2	4.04
1204	46.2	4.23	43.7	4.11	41.1	3.99	38.6	3.87
1545	47.7	3.82	45.2	3.7	42.7	3.58	40.2	3.46

XP16-060-230-05 - CH33-50/60C-2F + SL280UH090V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1575	66.2	6.26	52.5	5.48	38	4.64	28.7	4.08	14.2	3.08
1741	66.8	6.06	53.2	5.28	38.7	4.44	29.3	3.87	14.8	2.87
2120	68.4	5.71	54.8	4.93	40.2	4.09	30.9	3.52	16.4	2.52

XP16-060-230-05 - CH33-50/60C-2F + SL280UH090V60C HEATING PERFORMANCE at 1741 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	6.06	66.8
60	5.88	63.8
55	5.71	60.7
50	5.53	57.6
47	5.43	55.8
45	5.28	53.2
40	4.9	46.8
35	4.53	40.4
30	4.48	39.5
25	4.44	38.7
20	4.39	37.8
17	4.37	37.3
15	4.3	36
10	4.12	33
5	3.87	29.3
0	3.62	25.7
-5	3.37	22.1
-10	3.12	18.4
-15	2.87	14.8
-20	2.62	11.2

XP16-060-230-05 - CH33-50/60C-2F + SL280UH110V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F
63°F	1075	44	2.2	0.72	0.84	0.95	42	2.55	0.73	0.86	0.98	39.5	2.94	0.74	0.88	1	37.4	3.38	0.76	0.9	1
	1180	45	2.19	0.73	0.86	0.98	43	2.55	0.75	0.88	1	40.5	2.94	0.76	0.9	1	38	3.38	0.78	0.93	1
	1430	47	2.19	0.77	0.92	1	44.5	2.54	0.79	0.94	1	42.5	2.93	0.81	0.97	1	40	3.37	0.83	0.99	1
67°F	1075	46.5	2.19	0.58	0.69	0.8	44.5	2.54	0.58	0.7	0.82	42.5	2.93	0.59	0.72	0.84	40	3.37	0.6	0.73	0.86
	1180	47.5	2.19	0.59	0.71	0.82	45.5	2.54	0.59	0.72	0.84	43.5	2.93	0.6	0.73	0.87	41	3.37	0.61	0.75	0.89
	1430	50	2.18	0.61	0.75	0.88	47.5	2.54	0.62	0.76	0.9	45	2.93	0.63	0.78	0.93	42.5	3.37	0.65	0.81	0.96
71°F	1075	49	2.18	0.45	0.56	0.66	47	2.54	0.45	0.57	0.68	45	2.93	0.46	0.57	0.69	42.5	3.37	0.46	0.59	0.71
	1180	50.5	2.18	0.45	0.57	0.68	48.5	2.53	0.46	0.58	0.69	46	2.93	0.46	0.59	0.71	43.5	3.37	0.46	0.6	0.73
	1430	53	2.17	0.47	0.6	0.72	50.5	2.53	0.47	0.61	0.74	48	2.93	0.48	0.62	0.76	45.5	3.37	0.48	0.63	0.78

XP16-060-230-05 - CH33-50/60C-2F + SL280UH110V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F
63°F	1560	56.5	3.65	0.74	0.86	0.98	54	4.08	0.75	0.88	1	51.5	4.59	0.76	0.9	1	48.5	5.16	0.78	0.93	1
	1715	58	3.67	0.76	0.89	1	55.5	4.1	0.77	0.91	1	52.5	4.6	0.79	0.93	1	49.5	5.18	0.81	0.96	1
	2015	60	3.7	0.79	0.94	1	57	4.13	0.81	0.96	1	54	4.63	0.83	0.99	1	51	5.21	0.86	1	1
67°F	1560	60	3.7	0.59	0.71	0.83	57.5	4.13	0.6	0.73	0.85	54.5	4.63	0.61	0.74	0.87	51	5.21	0.62	0.76	0.9
	1715	61	3.72	0.61	0.73	0.85	58.5	4.15	0.61	0.75	0.87	55.5	4.65	0.62	0.76	0.9	52	5.23	0.64	0.78	0.93
	2015	63	3.75	0.63	0.77	0.9	60	4.18	0.64	0.78	0.93	57	4.68	0.65	0.81	0.95	53.5	5.26	0.67	0.83	0.99
71°F	1560	63	3.74	0.46	0.57	0.69	60.5	4.18	0.46	0.58	0.7	57.5	4.69	0.47	0.59	0.72	54	5.27	0.47	0.61	0.74
	1715	64.5	3.77	0.47	0.59	0.71	61.5	4.2	0.47	0.6	0.72	58.5	4.7	0.48	0.61	0.74	55	5.29	0.48	0.62	0.76
	2015	66.5	3.8	0.48	0.62	0.74	63.5	4.23	0.49	0.62	0.76	60.5	4.74	0.49	0.64	0.78	56.5	5.32	0.5	0.66	0.81

XP16-060-230-05 - CH33-50/60C-2F + SL280UH110V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1075	45.5	4.48	43	4.36	40.5	4.23	37.9	4.11
1181	46.1	4.28	43.6	4.15	41.1	4.03	38.5	3.9
1430	47.3	3.94	44.8	3.81	42.2	3.69	39.7	3.56

XP16-060-230-05 - CH33-50/60C-2F + SL280UH110V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1560	66.1	6.3	52.5	5.5	38	4.65	28.7	4.08	14.2	3.08
1714	66.8	6.1	53.2	5.31	38.7	4.46	29.4	3.89	14.8	2.88
2015	68.1	5.8	54.5	5.01	40	4.16	30.7	3.59	16.1	2.58

XP16-060-230-05 - CH33-50/60C-2F + SL280UH110V60C HEATING PERFORMANCE at 1714 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	6.1	66.8
60	5.93	63.7
55	5.75	60.7
50	5.57	57.6
47	5.46	55.8
45	5.31	53.2
40	4.93	46.8
35	4.55	40.4
30	4.51	39.6
25	4.46	38.7
20	4.42	37.9
17	4.39	37.3
15	4.32	36.1
10	4.14	33
5	3.89	29.4
0	3.64	25.8
-5	3.39	22.1
-10	3.14	18.5
-15	2.88	14.8
-20	2.63	11.2

XP16-060-230-05 - CH33-50/60C-2F + SLP98UH090V48C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)						
				Dry Bulb	75°F	80°F			85°F	Dry Bulb	85°F			90°F	95°F	Dry Bulb			95°F	100°F	105°F	Dry Bulb	105°F	110°F	115°F
63°F	1160	44.5	2.19	0.73	0.86	0.98	42.5	2.55	0.74	0.87	1	40.5	2.94	0.76	0.9	1	38	3.38	0.78	0.93	1				
	1315	46	2.19	0.75	0.89	1	44	2.54	0.77	0.91	1	41.5	2.93	0.79	0.94	1	39	3.38	0.81	0.97	1				
	1315	46	2.19	0.75	0.89	1	44	2.54	0.77	0.91	1	41.5	2.93	0.79	0.94	1	39	3.38	0.81	0.97	1				
67°F	1160	47.5	2.19	0.58	0.7	0.82	45.5	2.54	0.59	0.72	0.84	43	2.93	0.6	0.73	0.86	40.5	3.37	0.61	0.75	0.89				
	1315	49	2.18	0.6	0.73	0.85	46.5	2.54	0.61	0.74	0.87	44.5	2.93	0.62	0.76	0.9	42	3.37	0.63	0.78	0.93				
	1315	49	2.18	0.6	0.73	0.86	46.5	2.54	0.61	0.74	0.88	44.5	2.93	0.62	0.76	0.9	42	3.37	0.63	0.78	0.93				
71°F	1160	50	2.18	0.45	0.57	0.68	48	2.53	0.46	0.57	0.69	45.5	2.93	0.46	0.58	0.71	43.5	3.37	0.46	0.6	0.72				
	1315	52	2.18	0.46	0.58	0.7	49.5	2.53	0.46	0.59	0.72	47	2.93	0.47	0.6	0.73	44.5	3.37	0.47	0.62	0.76				
	1315	52	2.18	0.46	0.58	0.7	49.5	2.53	0.46	0.59	0.72	47	2.93	0.47	0.6	0.74	44.5	3.37	0.47	0.62	0.76				

XP16-060-230-05 - CH33-50/60C-2F + SLP98UH090V48C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)						
				Dry Bulb	85°F	90°F			95°F	Dry Bulb	95°F			100°F	105°F	Dry Bulb			105°F	110°F	115°F	Dry Bulb	115°F	120°F	125°F
63°F	1580	57	3.65	0.74	0.87	0.98	54.5	4.08	0.75	0.88	1	51.5	4.59	0.77	0.91	1	48.5	5.17	0.79	0.94	1				
	1770	58.5	3.67	0.76	0.9	1	56	4.11	0.78	0.92	1	53	4.61	0.8	0.95	1	49.5	5.19	0.82	0.98	1				
	1770	58.5	3.67	0.76	0.9	1	56	4.11	0.78	0.92	1	53	4.61	0.8	0.95	1	49.5	5.19	0.82	0.98	1				
67°F	1580	60	3.7	0.59	0.72	0.83	57.5	4.13	0.6	0.73	0.85	54.5	4.64	0.61	0.75	0.87	51	5.22	0.62	0.76	0.9				
	1770	61.5	3.72	0.61	0.74	0.86	58.5	4.15	0.62	0.75	0.89	56	4.66	0.63	0.77	0.91	52.5	5.24	0.64	0.8	0.94				
	1770	61.5	3.72	0.61	0.74	0.86	58.5	4.15	0.62	0.75	0.89	56	4.66	0.63	0.77	0.91	52.5	5.24	0.64	0.8	0.94				
71°F	1580	63	3.75	0.46	0.58	0.69	60.5	4.18	0.46	0.59	0.7	57.5	4.69	0.47	0.6	0.72	54	5.27	0.48	0.61	0.74				
	1770	65	3.77	0.47	0.6	0.72	62	4.21	0.47	0.6	0.73	59	4.71	0.48	0.61	0.75	55.5	5.3	0.48	0.63	0.77				
	1770	65	3.77	0.47	0.6	0.72	62	4.21	0.47	0.6	0.73	59	4.71	0.48	0.61	0.75	55.5	5.3	0.48	0.63	0.77				

XP16-060-230-05 - CH33-50/60C-2F + SLP98UH090V48C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1159	46.2	4.31	43.6	4.2	40.9	4.1	38.3	3.99
1315	46.8	4.05	44.2	3.95	41.5	3.84	38.9	3.74
1315	46.9	4.06	44.3	3.95	41.6	3.85	39	3.74

XP16-060-230-05 - CH33-50/60C-2F + SLP98UH090V48C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1580	66.4	6.26	52.7	5.48	38.1	4.65	28.8	4.09	14.1	3.1
1771	67.2	6.03	53.6	5.25	39	4.43	29.6	3.87	15	2.87
1770	67.2	6.03	53.6	5.26	39	4.43	29.6	3.87	15	2.87

**XP16-060-230-05 - CH33-50/60C-2F + SLP98UH090V48C
HEATING PERFORMANCE at 1771 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	6.03	67.2
60	5.86	64.1
55	5.68	61.1
50	5.51	58
47	5.4	56.1
45	5.25	53.6
40	4.88	47.1
35	4.51	40.7
30	4.47	39.8
25	4.43	39
20	4.38	38.1
17	4.36	37.6
15	4.29	36.4
10	4.12	33.3
5	3.87	29.6
0	3.62	26
-5	3.37	22.3
-10	3.12	18.6
-15	2.87	15
-20	2.62	11.3

XP16-060-230-05 - CH33-50/60C-2F + SLP98UH090V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	1055	43.5	2.2	0.71	0.83	0.95	41.5	2.55	0.73	0.85	0.97	39.5	2.94	0.74	0.87	0.99	37.2	3.38	0.76	0.9	1				
	1275	45.5	2.19	0.75	0.88	1	43.5	2.54	0.76	0.9	1	41.5	2.93	0.78	0.93	1	39	3.38	0.8	0.96	1				
	1445	47	2.19	0.78	0.92	1	45	2.54	0.79	0.94	1	42.5	2.93	0.81	0.97	1	40	3.37	0.84	1	1				
67°F	1055	46.5	2.19	0.58	0.69	0.8	44.5	2.54	0.58	0.7	0.81	42	2.93	0.59	0.71	0.83	40	3.37	0.6	0.73	0.86				
	1275	48.5	2.18	0.59	0.72	0.85	46.5	2.54	0.6	0.73	0.87	44	2.93	0.61	0.75	0.89	41.5	3.37	0.63	0.77	0.92				
	1445	50	2.18	0.61	0.75	0.88	47.5	2.53	0.62	0.77	0.91	45.5	2.93	0.63	0.79	0.93	42.5	3.37	0.65	0.81	0.96				
71°F	1055	49	2.18	0.45	0.56	0.66	47	2.54	0.45	0.56	0.67	44.5	2.93	0.46	0.57	0.69	42	3.37	0.46	0.58	0.7				
	1275	51.5	2.18	0.46	0.58	0.7	49	2.53	0.46	0.59	0.71	46.5	2.93	0.47	0.6	0.73	44	3.37	0.47	0.61	0.75				
	1445	53	2.18	0.47	0.6	0.72	50.5	2.53	0.47	0.61	0.74	48	2.92	0.48	0.62	0.76	45.5	3.37	0.48	0.64	0.78				

XP16-060-230-05 - CH33-50/60C-2F + SLP98UH090V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	1590	57	3.65	0.74	0.87	0.99	54.5	4.09	0.76	0.89	1	51.5	4.59	0.77	0.91	1	48.5	5.17	0.79	0.94	1				
	1820	59	3.68	0.77	0.91	1	56	4.11	0.78	0.93	1	53	4.61	0.8	0.95	1	50	5.19	0.83	0.99	1				
	2010	60	3.7	0.79	0.94	1	57	4.13	0.81	0.96	1	54	4.63	0.83	0.99	1	51	5.21	0.86	1	1				
67°F	1590	60.5	3.7	0.6	0.72	0.83	57.5	4.13	0.6	0.73	0.86	54.5	4.64	0.61	0.75	0.88	51.5	5.22	0.62	0.77	0.9				
	1820	62	3.73	0.61	0.75	0.87	59	4.16	0.62	0.76	0.89	56	4.66	0.63	0.78	0.92	52.5	5.24	0.65	0.8	0.95				
	2010	63	3.75	0.63	0.77	0.9	60	4.18	0.64	0.79	0.93	57	4.68	0.65	0.81	0.96	53.5	5.26	0.67	0.83	0.99				
71°F	1590	63.5	3.75	0.46	0.58	0.69	60.5	4.19	0.47	0.59	0.71	57.5	4.69	0.47	0.6	0.72	54	5.27	0.48	0.61	0.74				
	1820	65	3.78	0.47	0.6	0.72	62.5	4.21	0.48	0.61	0.74	59	4.72	0.48	0.62	0.75	55.5	5.3	0.49	0.64	0.78				
	2010	66.5	3.8	0.48	0.62	0.74	63.5	4.23	0.49	0.63	0.76	60.5	4.74	0.49	0.64	0.78	56.5	5.32	0.5	0.66	0.81				

XP16-060-230-05 - CH33-50/60C-2F + SLP98UH090V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1054	45.5	4.52	42.9	4.41	40.3	4.3	37.7	4.2
1274	46.6	4.11	44	4	41.4	3.89	38.8	3.78
1445	47.4	3.91	44.8	3.8	42.2	3.7	39.6	3.59

XP16-060-230-05 - CH33-50/60C-2F + SLP98UH090V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1590	66.5	6.23	52.7	5.47	38.1	4.66	28.7	4.11	14	3.11
1818	67.5	5.97	53.8	5.21	39.2	4.4	29.8	3.85	15	2.85
2010	68.4	5.78	54.6	5.02	40	4.21	30.6	3.66	15.9	2.66

**XP16-060-230-05 - CH33-50/60C-2F + SLP98UH090V60C
HEATING PERFORMANCE at 1818 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	5.97	67.5
60	5.8	64.4
55	5.63	61.3
50	5.46	58.2
47	5.36	56.4
45	5.21	53.8
40	4.84	47.3
35	4.48	40.9
30	4.44	40
25	4.4	39.2
20	4.36	38.3
17	4.34	37.8
15	4.27	36.6
10	4.1	33.5
5	3.85	29.8
0	3.6	26.1
-5	3.35	22.4
-10	3.1	18.7
-15	2.85	15
-20	2.6	11.3

XP16-060-230-05 - CH33-50/60C-2F + SLP98UH110V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)						
				Dry Bulb	75°F	80°F			85°F	Dry Bulb	75°F			80°F	85°F	Dry Bulb			75°F	80°F	85°F	Dry Bulb	75°F	80°F	85°F
63°F	1145	44.5	2.19	0.73	0.85	0.97	42.5	2.55	0.74	0.87	0.99	40.5	2.94	0.76	0.89	1	38	3.37	0.78	0.92	1				
	1270	45.5	2.19	0.75	0.88	1	43.5	2.55	0.76	0.9	1	41.5	2.93	0.78	0.92	1	39	3.38	0.8	0.95	1				
	1545	47.5	2.18	0.79	0.94	1	45.5	2.54	0.81	0.97	1	43	2.93	0.83	0.99	1	40.5	3.38	0.86	1	1				
67°F	1145	47.5	2.19	0.58	0.7	0.82	45.5	2.54	0.59	0.71	0.84	43	2.93	0.6	0.73	0.86	40.5	3.37	0.61	0.75	0.88				
	1270	48.5	2.18	0.59	0.72	0.84	46.5	2.54	0.6	0.73	0.86	44	2.93	0.61	0.75	0.89	41.5	3.37	0.62	0.77	0.92				
	1545	51	2.18	0.62	0.77	0.91	48.5	2.53	0.63	0.78	0.93	46	2.92	0.65	0.81	0.96	43	3.37	0.66	0.83	0.99				
71°F	1145	50	2.18	0.45	0.57	0.68	48	2.53	0.46	0.57	0.69	45.5	2.93	0.46	0.58	0.7	43	3.37	0.46	0.59	0.72				
	1270	51.5	2.18	0.46	0.58	0.69	49	2.53	0.46	0.59	0.71	46.5	2.93	0.46	0.6	0.73	44	3.37	0.47	0.61	0.75				
	1545	54	2.17	0.47	0.61	0.74	51.5	2.53	0.48	0.62	0.76	49	2.93	0.48	0.63	0.78	46	3.37	0.49	0.65	0.81				

XP16-060-230-05 - CH33-50/60C-2F + SLP98UH110V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)						
				Dry Bulb	75°F	80°F			85°F	Dry Bulb	75°F			80°F	85°F	Dry Bulb			75°F	80°F	85°F	Dry Bulb	75°F	80°F	85°F
63°F	1565	57	3.65	0.74	0.86	0.98	54	4.08	0.75	0.88	1	51.5	4.59	0.77	0.91	1	48.5	5.16	0.78	0.93	1				
	1780	58.5	3.67	0.77	0.9	1	56	4.11	0.78	0.92	1	53	4.61	0.8	0.95	1	49.5	5.19	0.82	0.98	1				
	2125	60.5	3.71	0.81	0.96	1	58	4.14	0.82	0.98	1	55	4.64	0.85	1	1	51.5	5.23	0.88	1	1				
67°F	1565	60	3.7	0.59	0.71	0.83	57.5	4.13	0.6	0.73	0.85	54.5	4.63	0.61	0.74	0.87	51	5.21	0.62	0.76	0.9				
	1780	61.5	3.72	0.61	0.74	0.87	59	4.15	0.62	0.75	0.89	56	4.66	0.63	0.77	0.91	52.5	5.24	0.64	0.8	0.94				
	2125	64	3.76	0.64	0.78	0.92	61	4.19	0.65	0.8	0.95	58	4.69	0.66	0.82	0.98	54.5	5.27	0.68	0.85	1				
71°F	1565	63	3.74	0.46	0.58	0.69	60.5	4.18	0.46	0.59	0.7	57.5	4.69	0.47	0.59	0.72	54	5.27	0.47	0.61	0.74				
	1780	65	3.78	0.47	0.6	0.72	62	4.21	0.47	0.61	0.73	59	4.71	0.48	0.62	0.75	55.5	5.3	0.49	0.63	0.77				
	2125	67	3.81	0.49	0.62	0.76	64	4.24	0.49	0.64	0.78	61	4.75	0.5	0.65	0.8	57	5.33	0.51	0.67	0.83				

XP16-060-230-05 - CH33-50/60C-2F + SLP98UH110V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1146	46.1	4.34	43.5	4.22	40.8	4.11	38.2	3.99
1269	46.5	4.13	43.9	4.02	41.3	3.9	38.7	3.79
1545	48	3.83	45.4	3.71	42.8	3.6	40.2	3.48

XP16-060-230-05 - CH33-50/60C-2F + SLP98UH110V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1565	66.3	6.27	52.6	5.5	38	4.68	28.7	4.12	14	3.12
1778	67.2	6.02	53.5	5.24	39	4.42	29.6	3.86	14.9	2.86
2125	68.8	5.71	55.1	4.93	40.5	4.11	31.2	3.55	16.5	2.55

**XP16-060-230-05 - CH33-50/60C-2F + SLP98UH110V60C
HEATING PERFORMANCE at 1778 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	6.02	67.2
60	5.84	64.1
55	5.67	61.1
50	5.5	58
47	5.39	56.1
45	5.24	53.5
40	4.87	47.1
35	4.5	40.7
30	4.46	39.8
25	4.42	39
20	4.38	38.1
17	4.35	37.6
15	4.28	36.4
10	4.11	33.3
5	3.86	29.6
0	3.61	25.9
-5	3.36	22.3
-10	3.11	18.6
-15	2.86	14.9
-20	2.61	11.3

XP16-060-230-05 - CH33-62D-2F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW							
63°F	1180	44.5	2.16	0.73	0.85	0.97	42.5	2.51	0.74	0.87	0.99	40.5	2.89	0.76	0.89	1	38.5	3.32	0.78	0.92	1				
	1350	46	2.16	0.75	0.88	1	44	2.5	0.77	0.9	1	41.5	2.89	0.78	0.93	1	39.5	3.31	0.8	0.96	1				
	1520	47	2.16	0.77	0.92	1	45	2.5	0.79	0.93	1	42.5	2.89	0.8	0.96	1	40	3.31	0.83	0.99	1				
67°F	1180	46.5	2.16	0.59	0.71	0.82	44.5	2.5	0.6	0.72	0.84	42.5	2.89	0.61	0.73	0.86	40.5	3.31	0.62	0.75	0.88				
	1350	48	2.15	0.6	0.72	0.85	46	2.5	0.61	0.74	0.87	43.5	2.88	0.62	0.76	0.89	41.5	3.31	0.64	0.78	0.92				
	1520	49	2.15	0.61	0.75	0.88	47	2.5	0.62	0.76	0.9	44.5	2.88	0.63	0.78	0.93	42.5	3.31	0.64	0.8	0.96				
71°F	1180	48.5	2.15	0.47	0.58	0.68	46.5	2.5	0.47	0.58	0.69	44.5	2.88	0.47	0.59	0.71	42	3.31	0.48	0.6	0.72				
	1350	50	2.15	0.47	0.59	0.7	47.5	2.5	0.48	0.6	0.72	45.5	2.88	0.48	0.61	0.73	43	3.31	0.48	0.62	0.75				
	1520	51	2.15	0.48	0.6	0.72	48.5	2.5	0.48	0.61	0.74	46	2.88	0.49	0.62	0.76	44	3.31	0.49	0.64	0.77				

XP16-060-230-05 - CH33-62D-2F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW							
63°F	1575	56.5	3.63	0.73	0.85	0.97	54	4.06	0.74	0.86	0.98	51.5	4.56	0.75	0.88	1	48.5	5.14	0.77	0.91	1				
	1800	58	3.65	0.75	0.88	1	55.5	4.08	0.76	0.89	1	53	4.58	0.77	0.92	1	49.5	5.15	0.79	0.94	1				
	2025	59	3.67	0.76	0.9	1	56.5	4.1	0.78	0.92	1	53.5	4.59	0.79	0.95	1	50.5	5.17	0.81	0.97	1				
67°F	1575	59	3.66	0.59	0.7	0.81	56.5	4.09	0.6	0.72	0.83	53.5	4.6	0.61	0.73	0.85	50.5	5.17	0.62	0.75	0.87				
	1800	60.5	3.68	0.6	0.72	0.84	58	4.12	0.61	0.74	0.86	55	4.62	0.62	0.75	0.88	51.5	5.19	0.63	0.77	0.91				
	2025	61.5	3.7	0.61	0.74	0.87	59	4.13	0.62	0.75	0.89	56	4.63	0.63	0.77	0.91	52.5	5.21	0.64	0.79	0.94				
71°F	1575	61	3.69	0.47	0.58	0.68	58.5	4.12	0.47	0.58	0.69	55.5	4.63	0.48	0.59	0.71	52.5	5.2	0.48	0.6	0.72				
	1800	62.5	3.72	0.47	0.59	0.7	59.5	4.15	0.48	0.6	0.71	56.5	4.64	0.49	0.61	0.73	53.5	5.22	0.49	0.62	0.75				
	2025	63.5	3.73	0.49	0.6	0.72	60.5	4.16	0.49	0.61	0.73	57.5	4.65	0.49	0.62	0.75	54	5.23	0.49	0.63	0.77				

XP16-060-230-05 - CH33-62D-2F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1181	44.7	3.49	42.2	3.42	39.8	3.35	37.4	3.28
1350	45.2	3.3	42.8	3.23	40.4	3.16	38	3.09
1519	45.8	3.16	43.4	3.09	41	3.02	38.6	2.95

XP16-060-230-05 - CH33-62D-2F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1575	64.2	4.97	50.8	4.43	36.6	3.84	27.4	3.4	13.5	2.57
1800	64.9	4.76	51.5	4.21	37.3	3.62	28.1	3.18	14.2	2.35
2025	65.6	4.61	52.2	4.06	38	3.47	28.7	3.04	14.9	2.2

XP16-060-230-05 - CH33-62D-2F

HEATING PERFORMANCE at 1800 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.76	64.9
60	4.63	61.9
55	4.51	58.8
50	4.38	55.8
47	4.31	54
45	4.21	51.5
40	3.95	45.4
35	3.69	39.3
30	3.66	38.3
25	3.62	37.3
20	3.59	36.4
17	3.57	35.8
15	3.52	34.6
10	3.39	31.5
5	3.18	28.1
0	2.98	24.6
-5	2.77	21.1
-10	2.56	17.7
-15	2.35	14.2
-20	2.14	10.7

XP16-060-230-05 - CH33-62D-2F + SL280UH135V60D - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
63°F	1120	43.5	2.17	0.72	0.84	0.95	41.5	2.51	0.73	0.85	0.97	40	2.89	0.74	0.87	0.99	37.6	3.31	0.76	0.9	1				
	1350	45.5	2.16	0.75	0.88	1	43.5	2.51	0.76	0.9	1	41.5	2.89	0.78	0.92	1	39	3.31	0.79	0.95	1				
	1485	46.5	2.16	0.76	0.9	1	44.5	2.5	0.78	0.92	1	42.5	2.89	0.79	0.95	1	40	3.31	0.82	0.98	1				
67°F	1120	46	2.16	0.58	0.69	0.8	44	2.5	0.59	0.7	0.82	42	2.89	0.6	0.72	0.84	39.5	3.31	0.61	0.73	0.86				
	1350	47.5	2.15	0.6	0.72	0.84	45.5	2.5	0.6	0.73	0.86	43.5	2.88	0.61	0.75	0.88	41	3.31	0.63	0.77	0.91				
	1485	48.5	2.15	0.61	0.74	0.87	46.5	2.5	0.61	0.75	0.89	44.5	2.88	0.62	0.77	0.91	42	3.31	0.64	0.79	0.94				
71°F	1120	47.5	2.15	0.46	0.57	0.67	45.5	2.5	0.46	0.57	0.68	43.5	2.88	0.46	0.58	0.69	41.5	3.31	0.46	0.59	0.71				
	1350	49.5	2.15	0.46	0.59	0.69	47.5	2.5	0.47	0.59	0.71	45	2.88	0.47	0.6	0.73	43	3.31	0.47	0.61	0.74				
	1485	50.5	2.15	0.47	0.59	0.72	48.5	2.5	0.48	0.6	0.73	46	2.88	0.48	0.61	0.75	43.5	3.31	0.49	0.63	0.76				

XP16-060-230-05 - CH33-62D-2F + SL280UH135V60D - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
63°F	1600	56.5	3.63	0.73	0.85	0.97	54	4.06	0.74	0.86	0.98	51.5	4.56	0.75	0.88	1	48.5	5.14	0.77	0.91	1				
	1840	58	3.65	0.75	0.88	1	55.5	4.08	0.76	0.9	1	53	4.58	0.77	0.92	1	49.5	5.16	0.79	0.95	1				
	2105	59.5	3.67	0.77	0.91	1	57	4.1	0.78	0.93	1	54	4.6	0.8	0.96	1	51	5.18	0.82	0.98	1				
67°F	1600	59	3.66	0.59	0.7	0.81	56.5	4.09	0.6	0.71	0.83	53.5	4.6	0.6	0.73	0.85	50.5	5.17	0.61	0.74	0.87				
	1840	60.5	3.68	0.6	0.72	0.85	58	4.12	0.61	0.74	0.86	55	4.62	0.62	0.75	0.88	52	5.19	0.63	0.77	0.91				
	2105	62	3.7	0.62	0.75	0.88	59	4.14	0.63	0.76	0.9	56	4.63	0.64	0.78	0.92	53	5.21	0.65	0.8	0.95				
71°F	1600	61	3.69	0.47	0.57	0.68	58.5	4.12	0.47	0.58	0.69	55.5	4.62	0.47	0.59	0.7	52.5	5.2	0.48	0.6	0.72				
	1840	62.5	3.72	0.48	0.59	0.7	60	4.15	0.48	0.6	0.71	56.5	4.64	0.48	0.61	0.73	53.5	5.22	0.49	0.62	0.75				
	2105	63.5	3.73	0.48	0.6	0.73	61	4.16	0.49	0.61	0.74	57.5	4.66	0.49	0.62	0.75	54.5	5.24	0.5	0.64	0.78				

XP16-060-230-05 - CH33-62D-2F + SL280UH135V60D - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1122	43.9	3.55	41.4	3.48	39	3.41	36.6	3.34
1351	44.6	3.28	42.2	3.21	39.7	3.14	37.3	3.07
1485	45.2	3.17	42.8	3.1	40.4	3.03	37.9	2.96

XP16-060-230-05 - CH33-62D-2F + SL280UH135V60D - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1600	63.9	4.93	50.4	4.39	36.2	3.81	26.9	3.37	13.2	2.55
1838	64.8	4.72	51.4	4.17	37.1	3.59	27.8	3.16	14.1	2.33
2105	65.8	4.56	52.4	4.01	38.1	3.43	28.8	3	15.1	2.17

**XP16-060-230-05 - CH33-62D-2F + SL280UH135V60D
HEATING PERFORMANCE at 1838 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.72	64.8
60	4.59	61.7
55	4.47	58.7
50	4.35	55.6
47	4.27	53.8
45	4.17	51.4
40	3.92	45.2
35	3.66	39.1
30	3.63	38.1
25	3.59	37.1
20	3.56	36.1
17	3.54	35.5
15	3.49	34.3
10	3.37	31.2
5	3.16	27.8
0	2.95	24.4
-5	2.75	20.9
-10	2.54	17.5
-15	2.33	14.1
-20	2.12	10.7

XP16-060-230-05 - CH33-62D-2F + SLP98UH135V60D - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)						
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb						
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F					
63°F	1070	43	2.17	0.71	0.83	0.94	41	2.51	0.72	0.84	0.96	39.5	2.89	0.74	0.86	0.98	37.2	3.31	0.75	0.88	1				
	1290	45	2.16	0.74	0.87	0.99	43	2.51	0.75	0.89	1	41	2.89	0.77	0.91	1	39	3.32	0.79	0.93	1				
	1565	47	2.15	0.77	0.92	1	45	2.5	0.79	0.94	1	42.5	2.89	0.8	0.96	1	40.5	3.31	0.83	0.99	1				
67°F	1070	45	2.16	0.58	0.69	0.79	43.5	2.51	0.58	0.7	0.81	41.5	2.89	0.59	0.71	0.83	39	3.31	0.6	0.73	0.85				
	1290	47	2.15	0.59	0.71	0.83	45	2.5	0.6	0.73	0.85	43	2.88	0.61	0.74	0.87	41	3.31	0.62	0.76	0.9				
	1565	49	2.15	0.61	0.75	0.88	47	2.5	0.62	0.76	0.9	44.5	2.88	0.63	0.78	0.93	42.5	3.31	0.64	0.8	0.96				
71°F	1070	47	2.15	0.45	0.56	0.66	45	2.5	0.46	0.57	0.67	43	2.88	0.46	0.58	0.68	41	3.31	0.46	0.58	0.7				
	1290	49	2.15	0.47	0.58	0.69	47	2.5	0.46	0.59	0.7	45	2.88	0.47	0.59	0.72	42.5	3.31	0.47	0.61	0.73				
	1565	51	2.14	0.48	0.6	0.73	48.5	2.5	0.48	0.61	0.74	46.5	2.88	0.48	0.61	0.76	44	3.31	0.49	0.63	0.78				

XP16-060-230-05 - CH33-62D-2F + SLP98UH135V60D - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)						
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb						
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F					
63°F	1565	56.5	3.63	0.72	0.84	0.96	54	4.06	0.73	0.86	0.98	51.5	4.56	0.75	0.88	1	48.5	5.13	0.76	0.9	1				
	1805	58	3.65	0.74	0.87	0.99	55.5	4.08	0.76	0.89	1	52.5	4.58	0.77	0.91	1	49.5	5.15	0.79	0.94	1				
	2070	59.5	3.67	0.77	0.91	1	57	4.1	0.78	0.93	1	54	4.6	0.8	0.95	1	51	5.18	0.82	0.98	1				
67°F	1565	58.5	3.66	0.59	0.7	0.81	56	4.09	0.59	0.71	0.83	53.5	4.59	0.6	0.72	0.84	50.5	5.17	0.61	0.74	0.87				
	1805	60	3.68	0.6	0.72	0.84	57.5	4.11	0.61	0.73	0.86	55	4.61	0.62	0.75	0.88	51.5	5.19	0.63	0.77	0.91				
	2070	61.5	3.7	0.62	0.74	0.88	59	4.13	0.63	0.76	0.9	56	4.63	0.63	0.77	0.92	53	5.21	0.65	0.8	0.95				
71°F	1565	60.5	3.69	0.47	0.57	0.68	58	4.12	0.47	0.58	0.69	55.5	4.62	0.46	0.59	0.7	52	5.2	0.48	0.6	0.72				
	1805	62	3.71	0.47	0.59	0.7	59.5	4.14	0.48	0.59	0.71	56.5	4.64	0.49	0.6	0.72	53.5	5.22	0.49	0.62	0.74				
	2070	63.5	3.73	0.49	0.6	0.73	61	4.16	0.49	0.61	0.74	57.5	4.66	0.5	0.62	0.75	54.5	5.24	0.5	0.64	0.77				

XP16-060-230-05 - CH33-62D-2F + SLP98UH135V60D - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1068	43.6	3.63	41.2	3.56	38.8	3.48	36.3	3.4
1292	44.4	3.34	41.9	3.26	39.5	3.19	37.1	3.11
1565	45.3	3.12	42.9	3.04	40.4	2.97	38	2.89

XP16-060-230-05 - CH33-62D-2F + SLP98UH135V60D - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1565	63.7	4.97	50.3	4.42	36.1	3.83	26.8	3.39	13.1	2.56
1805	64.6	4.75	51.2	4.19	37	3.61	27.8	3.17	14.1	2.34
2070	65.8	4.59	52.5	4.04	38.2	3.45	29	3.02	15.3	2.19

XP16-060-230-05 - CH33-62D-2F + SLP98UH135V60D HEATING PERFORMANCE at 1805 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.75	64.6
60	4.62	61.6
55	4.5	58.5
50	4.37	55.5
47	4.3	53.7
45	4.19	51.2
40	3.93	45.1
35	3.67	39
30	3.64	38
25	3.61	37
20	3.57	36
17	3.55	35.4
15	3.5	34.2
10	3.38	31.2
5	3.17	27.8
0	2.96	24.3
-5	2.76	20.9
-10	2.55	17.5
-15	2.34	14.1
-20	2.13	10.6

XP16-060-230-05 - CR33-50/60C-F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	1180	45	2.2	0.75	0.88	0.99	43	2.55	0.76	0.9	1	40.5	2.93	0.78	0.92	1	38.5	3.38	0.8	0.95	1				
	1350	46.5	2.19	0.78	0.92	1	44	2.54	0.79	0.94	1	42	2.93	0.81	0.96	1	39.5	3.37	0.84	0.99	1				
	1520	47.5	2.18	0.8	0.95	1	45.5	2.54	0.82	0.97	1	43	2.93	0.84	0.99	1	40.5	3.37	0.87	1	1				
67°F	1180	47.5	2.19	0.6	0.72	0.84	45.5	2.54	0.6	0.73	0.86	43.5	2.93	0.61	0.75	0.88	41	3.37	0.63	0.77	0.91				
	1350	49	2.18	0.61	0.75	0.88	47	2.54	0.62	0.77	0.9	44.5	2.93	0.64	0.79	0.93	42	3.37	0.65	0.81	0.96				
	1520	50.5	2.18	0.63	0.78	0.92	48	2.54	0.64	0.8	0.94	45.5	2.93	0.66	0.82	0.97	43	3.37	0.67	0.84	0.99				
71°F	1180	50.5	2.18	0.46	0.58	0.7	48	2.54	0.46	0.59	0.71	46	2.92	0.47	0.6	0.73	43.5	3.37	0.47	0.61	0.75				
	1350	52	2.18	0.47	0.6	0.72	49.5	2.53	0.47	0.61	0.74	47.5	2.93	0.48	0.62	0.76	44.5	3.37	0.48	0.64	0.78				
	1520	53	2.17	0.47	0.62	0.75	51	2.53	0.48	0.63	0.77	48.5	2.92	0.48	0.64	0.79	45.5	3.37	0.49	0.66	0.82				

XP16-060-230-05 - CR33-50/60C-F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	1575	58	3.62	0.75	0.88	0.99	55.5	4.06	0.76	0.89	1	52.5	4.57	0.78	0.92	1	49.5	5.17	0.8	0.95	1				
	1750	59	3.63	0.77	0.9	1	56.5	4.08	0.78	0.93	1	53.5	4.59	0.8	0.95	1	50.5	5.19	0.83	0.98	1				
	2025	61	3.66	0.8	0.95	1	58	4.1	0.82	0.97	1	55	4.61	0.84	0.99	1	52	5.21	0.87	1	1				
67°F	1575	61	3.66	0.6	0.72	0.84	58.5	4.1	0.61	0.74	0.86	55.5	4.62	0.62	0.75	0.88	52.5	5.22	0.63	0.77	0.91				
	1750	62.5	3.68	0.61	0.74	0.87	60	4.12	0.62	0.76	0.89	57	4.64	0.63	0.78	0.92	53.5	5.23	0.65	0.8	0.95				
	2025	64.5	3.7	0.63	0.78	0.92	61.5	4.15	0.65	0.8	0.94	58.5	4.66	0.66	0.82	0.97	54.5	5.25	0.67	0.84	0.99				
71°F	1575	64.5	3.71	0.46	0.58	0.7	61.5	4.15	0.46	0.59	0.71	58.5	4.66	0.46	0.6	0.73	55	5.26	0.47	0.61	0.75				
	1750	66	3.72	0.47	0.6	0.72	63	4.16	0.47	0.61	0.74	60	4.69	0.48	0.62	0.76	56.5	5.29	0.48	0.63	0.78				
	2025	67.5	3.75	0.48	0.62	0.75	64.5	4.19	0.48	0.63	0.77	61.5	4.71	0.49	0.65	0.79	57.5	5.31	0.5	0.66	0.82				

XP16-060-230-05 - CR33-50/60C-F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1181	48.2	3.7	45.4	3.62	42.6	3.53	39.9	3.45
1350	48.7	3.51	45.9	3.42	43.1	3.34	40.4	3.26
1519	49.3	3.36	46.6	3.28	43.8	3.19	41	3.11

XP16-060-230-05 - CR33-50/60C-F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1575	68.7	5.32	54.2	4.66	38.9	3.95	29.1	3.5	14.5	2.63
1750	69.1	5.17	54.7	4.51	39.3	3.8	29.6	3.34	15	2.48
2025	69.8	4.98	55.4	4.32	40	3.61	30.3	3.16	15.7	2.29

XP16-060-230-05 - CR33-50/60C-F

HEATING PERFORMANCE at 1750 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	5.17	69.1
60	5.02	65.9
55	4.87	62.6
50	4.73	59.3
47	4.64	57.4
45	4.51	54.7
40	4.17	48
35	3.84	41.3
30	3.82	40.3
25	3.8	39.3
20	3.77	38.4
17	3.76	37.8
15	3.7	36.5
10	3.56	33.2
5	3.34	29.6
0	3.12	25.9
-5	2.91	22.3
-10	2.69	18.6
-15	2.48	15
-20	2.26	11.3

XP16-060-230-05 - CR33-50/60C-F + SL280DF090V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
63°F	1110	44	2.2	0.73	0.85	0.97	42	2.55	0.74	0.87	0.99	40	2.94	0.76	0.9	1	37.6	3.38	0.78	0.92	1				
	1260	45.5	2.19	0.75	0.89	1	43.5	2.54	0.77	0.91	1	41	2.93	0.79	0.94	1	38.5	3.38	0.81	0.96	1				
	1440	47	2.19	0.79	0.93	1	44.5	2.54	0.8	0.95	1	42.5	2.93	0.82	0.98	1	40	3.38	0.85	1	1				
67°F	1110	47	2.19	0.58	0.7	0.82	45	2.54	0.59	0.71	0.84	42.5	2.93	0.6	0.73	0.86	40	3.37	0.61	0.75	0.89				
	1260	48	2.18	0.6	0.73	0.85	46	2.53	0.61	0.74	0.88	44	2.93	0.62	0.76	0.9	41.5	3.37	0.63	0.78	0.93				
	1440	49.5	2.18	0.62	0.76	0.9	47.5	2.54	0.63	0.78	0.92	45	2.93	0.64	0.8	0.95	42.5	3.37	0.66	0.82	0.97				
71°F	1110	49.5	2.18	0.45	0.56	0.68	47.5	2.53	0.45	0.57	0.69	45	2.93	0.46	0.58	0.71	42.5	3.37	0.46	0.59	0.72				
	1260	51	2.18	0.45	0.58	0.7	49	2.53	0.46	0.59	0.72	46.5	2.93	0.46	0.6	0.73	44	3.37	0.47	0.61	0.76				
	1440	52.5	2.18	0.46	0.6	0.73	50	2.53	0.47	0.61	0.75	48	2.93	0.47	0.62	0.77	45	3.37	0.48	0.64	0.8				

XP16-060-230-05 - CR33-50/60C-F + SL280DF090V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
63°F	1580	58	3.62	0.74	0.87	0.99	55	4.06	0.76	0.89	1	52.5	4.57	0.77	0.92	1	49	5.17	0.79	0.95	1				
	1770	59.5	3.64	0.77	0.91	1	56.5	4.08	0.78	0.93	1	53.5	4.6	0.8	0.95	1	50.5	5.19	0.83	0.98	1				
	2045	61	3.66	0.8	0.95	1	58	4.1	0.82	0.97	1	55	4.62	0.84	0.99	1	52	5.22	0.87	1	1				
67°F	1580	61	3.66	0.59	0.72	0.84	58.5	4.1	0.6	0.73	0.86	55.5	4.62	0.61	0.75	0.88	52	5.22	0.63	0.77	0.91				
	1770	62.5	3.68	0.61	0.74	0.87	60	4.12	0.62	0.76	0.89	57	4.64	0.63	0.78	0.92	53.5	5.24	0.65	0.8	0.95				
	2045	64.5	3.7	0.64	0.78	0.92	61.5	4.15	0.65	0.8	0.94	58.5	4.66	0.66	0.82	0.97	54.5	5.26	0.68	0.85	0.99				
71°F	1580	64.5	3.7	0.45	0.58	0.7	61.5	4.15	0.46	0.59	0.71	58.5	4.66	0.46	0.6	0.73	55	5.26	0.47	0.61	0.75				
	1770	66	3.73	0.46	0.6	0.72	63	4.17	0.47	0.61	0.74	60	4.69	0.47	0.62	0.76	56.5	5.29	0.48	0.64	0.78				
	2045	68	3.75	0.47	0.62	0.76	65	4.19	0.48	0.64	0.78	61.5	4.71	0.49	0.65	0.8	58	5.31	0.5	0.67	0.82				

XP16-060-230-05 - CR33-50/60C-F + SL280DF090V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1110	47.6	3.79	44.8	3.7	42.1	3.61	39.3	3.51
1262	47.7	3.58	45	3.48	42.2	3.39	39.5	3.3
1440	48.7	3.41	45.9	3.32	43.2	3.23	40.4	3.13

XP16-060-230-05 - CR33-50/60C-F + SL280DF090V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1580	68.2	5.29	53.8	4.64	38.4	3.94	28.6	3.49	14.2	2.62
1772	68.9	5.13	54.5	4.48	39.1	3.78	29.3	3.33	14.9	2.46
2045	69.9	4.97	55.5	4.31	40.1	3.61	30.3	3.16	15.9	2.3

**XP16-060-230-05 - CR33-50/60C-F + SL280DF090V60C
HEATING PERFORMANCE at 1772 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	5.13	68.9
60	4.99	65.6
55	4.84	62.4
50	4.7	59.1
47	4.61	57.1
45	4.48	54.5
40	4.15	47.8
35	3.82	41.1
30	3.8	40.1
25	3.78	39.1
20	3.76	38.1
17	3.75	37.5
15	3.69	36.2
10	3.54	32.9
5	3.33	29.3
0	3.11	25.7
-5	2.9	22.1
-10	2.68	18.5
-15	2.46	14.9
-20	2.25	11.2

XP16-060-230-05 - CR33-50/60C-F + SL280DF110V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)		
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb		
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	
63°F	1115	44	2.2	0.73	0.86	0.97	42	2.55	0.74	0.88	0.99	40	2.94	0.76	0.9	1	37.6	3.38	0.78	0.93	1
	1250	45.5	2.19	0.75	0.89	1	43.5	2.54	0.77	0.91	1	41	2.94	0.78	0.93	1	38.5	3.38	0.81	0.96	1
	1525	47.5	2.18	0.8	0.95	1	45.5	2.54	0.82	0.97	1	43	2.93	0.84	0.99	1	40.5	3.37	0.87	1	1
67°F	1115	47	2.19	0.58	0.7	0.82	45	2.54	0.59	0.72	0.84	42.5	2.93	0.6	0.73	0.86	40	3.37	0.61	0.75	0.89
	1250	48	2.18	0.6	0.73	0.85	46	2.54	0.6	0.74	0.87	44	2.93	0.61	0.76	0.9	41	3.37	0.63	0.78	0.93
	1525	50	2.18	0.63	0.77	0.92	48	2.54	0.64	0.79	0.94	45.5	2.93	0.65	0.81	0.97	43	3.37	0.67	0.84	0.99
71°F	1115	49.5	2.18	0.45	0.57	0.68	47.5	2.53	0.45	0.57	0.69	45	2.93	0.46	0.58	0.71	42.5	3.37	0.46	0.6	0.72
	1250	51	2.18	0.45	0.58	0.7	48.5	2.53	0.46	0.59	0.72	46.5	2.93	0.46	0.6	0.73	44	3.37	0.47	0.61	0.75
	1525	53	2.17	0.47	0.61	0.75	51	2.53	0.47	0.62	0.77	48	2.92	0.48	0.64	0.79	45.5	3.37	0.49	0.65	0.81

XP16-060-230-05 - CR33-50/60C-F + SL280DF110V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T)		
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb		
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	
63°F	1115	58	3.62	0.74	0.87	0.99	55	4.06	0.76	0.89	1	52.5	4.57	0.77	0.92	1	49.5	5.17	0.8	0.95	1
	1770	59	3.64	0.77	0.9	1	56.5	4.08	0.78	0.93	1	53.5	4.59	0.8	0.95	1	50.5	5.19	0.83	0.98	1
	2120	61.5	3.66	0.81	0.96	1	58.5	4.11	0.83	0.98	1	55.5	4.62	0.85	0.99	1	52.5	5.22	0.88	1	1
67°F	1585	61	3.66	0.59	0.72	0.84	58.5	4.1	0.6	0.73	0.86	55.5	4.62	0.61	0.75	0.88	52.5	5.22	0.63	0.77	0.91
	1770	62.5	3.68	0.61	0.74	0.87	60	4.12	0.62	0.76	0.89	57	4.64	0.63	0.78	0.92	53.5	5.24	0.65	0.8	0.95
	2120	65	3.71	0.64	0.79	0.93	62	4.15	0.65	0.81	0.96	58.5	4.67	0.67	0.83	0.98	55	5.26	0.69	0.86	1
71°F	1585	64.5	3.7	0.45	0.58	0.7	61.5	4.15	0.46	0.59	0.71	58.5	4.66	0.46	0.6	0.73	55	5.26	0.47	0.61	0.75
	1770	66	3.72	0.47	0.6	0.72	63	4.17	0.47	0.61	0.74	60	4.69	0.47	0.62	0.75	56.5	5.29	0.48	0.63	0.78
	2120	68.5	3.76	0.48	0.63	0.77	65	4.2	0.49	0.64	0.79	62	4.72	0.49	0.66	0.81	58	5.32	0.5	0.67	0.84

XP16-060-230-05 - CR33-50/60C-F + SL280DF110V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1117	47.5	3.78	44.8	3.69	42.1	3.6	39.4	3.5
1252	47.7	3.59	44.9	3.5	42.2	3.4	39.5	3.31
1525	48.9	3.35	46.1	3.25	43.4	3.16	40.7	3.07

XP16-060-230-05 - CR33-50/60C-F + SL280DF110V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1585	68.2	5.29	53.8	4.63	38.4	3.93	28.6	3.48	14.2	2.62
1768	68.8	5.14	54.4	4.48	39	3.78	29.2	3.33	14.8	2.46
2120	70.2	4.93	55.7	4.28	40.4	3.57	30.6	3.12	16.2	2.26

XP16-060-230-05 - CR33-50/60C-F + SL280DF110V60C HEATING PERFORMANCE at 1768 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	5.14	68.8
60	4.99	65.6
55	4.85	62.3
50	4.7	59
47	4.61	57.1
45	4.48	54.4
40	4.15	47.7
35	3.82	41
30	3.8	40
25	3.78	39
20	3.76	38
17	3.75	37.4
15	3.69	36.1
10	3.54	32.8
5	3.33	29.2
0	3.11	25.6
-5	2.9	22
-10	2.68	18.4
-15	2.46	14.8
-20	2.25	11.2

XP16-060-230-05 - CR33-60D-F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1180	45	2.2	0.75	0.88	0.99	43	2.55	0.76	0.9	1	40.5	2.93	0.78	0.92	1	38.5	3.38	0.8	0.95	1				
	1350	46.5	2.19	0.78	0.92	1	44	2.54	0.79	0.94	1	42	2.93	0.81	0.96	1	39.5	3.37	0.84	0.99	1				
	1520	47.5	2.18	0.8	0.95	1	45.5	2.54	0.82	0.97	1	43	2.93	0.84	0.99	1	40.5	3.37	0.87	1	1				
67°F	1180	47.5	2.19	0.6	0.72	0.84	45.5	2.54	0.6	0.73	0.86	43.5	2.93	0.61	0.75	0.88	41	3.37	0.63	0.77	0.91				
	1350	49	2.18	0.61	0.75	0.88	47	2.54	0.62	0.77	0.9	44.5	2.93	0.64	0.79	0.93	42	3.37	0.65	0.81	0.96				
	1520	50.5	2.18	0.63	0.78	0.92	48	2.54	0.64	0.8	0.94	45.5	2.93	0.66	0.82	0.97	43	3.37	0.67	0.84	0.99				
71°F	1180	50.5	2.18	0.46	0.58	0.7	48	2.54	0.46	0.59	0.71	46	2.92	0.47	0.6	0.73	43.5	3.37	0.47	0.61	0.75				
	1350	52	2.18	0.47	0.6	0.72	49.5	2.53	0.47	0.61	0.74	47.5	2.93	0.48	0.62	0.76	44.5	3.37	0.48	0.64	0.78				
	1520	53	2.17	0.47	0.62	0.75	51	2.53	0.48	0.63	0.77	48.5	2.92	0.48	0.64	0.79	45.5	3.37	0.49	0.66	0.82				

XP16-060-230-05 - CR33-60D-F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1575	58	3.62	0.75	0.88	0.99	55.5	4.06	0.76	0.89	1	52.5	4.57	0.78	0.92	1	49.5	5.17	0.8	0.95	1				
	1750	59	3.63	0.77	0.9	1	56.5	4.08	0.78	0.93	1	53.5	4.59	0.8	0.95	1	50.5	5.19	0.83	0.98	1				
	2025	61	3.66	0.8	0.95	1	58	4.1	0.82	0.97	1	55	4.61	0.84	0.99	1	52	5.21	0.87	1	1				
67°F	1575	61	3.66	0.6	0.72	0.84	58.5	4.1	0.61	0.74	0.86	55.5	4.62	0.62	0.75	0.88	52.5	5.22	0.63	0.77	0.91				
	1750	62.5	3.68	0.61	0.74	0.87	60	4.12	0.62	0.76	0.89	57	4.64	0.63	0.78	0.92	53.5	5.23	0.65	0.8	0.95				
	2025	64.5	3.7	0.63	0.78	0.92	61.5	4.15	0.65	0.8	0.94	58.5	4.66	0.66	0.82	0.97	54.5	5.25	0.67	0.84	0.99				
71°F	1575	64.5	3.71	0.46	0.58	0.7	61.5	4.15	0.46	0.59	0.71	58.5	4.66	0.46	0.6	0.73	55	5.26	0.47	0.61	0.75				
	1750	66	3.72	0.47	0.6	0.72	63	4.16	0.47	0.61	0.74	60	4.69	0.48	0.62	0.76	56.5	5.29	0.48	0.63	0.78				
	2025	67.5	3.75	0.48	0.62	0.75	64.5	4.19	0.48	0.63	0.77	61.5	4.71	0.49	0.65	0.79	57.5	5.31	0.5	0.66	0.82				

XP16-060-230-05 - CR33-60D-F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1181	48.2	3.7	45.4	3.62	42.6	3.53	39.9	3.45
1350	48.7	3.51	45.9	3.42	43.1	3.34	40.4	3.26
1519	49.3	3.36	46.6	3.28	43.8	3.19	41	3.11

XP16-060-230-05 - CR33-60D-F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1575	68.7	5.32	54.2	4.66	38.9	3.95	29.1	3.5	14.5	2.63
1750	69.1	5.17	54.7	4.51	39.3	3.8	29.6	3.34	15	2.48
2025	69.8	4.98	55.4	4.32	40	3.61	30.3	3.16	15.7	2.29

XP16-060-230-05 - CR33-60D-F

HEATING PERFORMANCE at 1750 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	5.17	69.1
60	5.02	65.9
55	4.87	62.6
50	4.73	59.3
47	4.64	57.4
45	4.51	54.7
40	4.17	48
35	3.84	41.3
30	3.82	40.3
25	3.8	39.3
20	3.77	38.4
17	3.76	37.8
15	3.7	36.5
10	3.56	33.2
5	3.34	29.6
0	3.12	25.9
-5	2.91	22.3
-10	2.69	18.6
-15	2.48	15
-20	2.26	11.3

XP16-060-230-05 - CX34-62C-6F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	1180	46	2.19	0.75	0.88	1	44	2.54	0.76	0.9	1	41.5	2.93	0.78	0.92	1	39	3.38	0.8	0.95	1				
	1350	47.5	2.18	0.78	0.92	1	45	2.54	0.79	0.94	1	43	2.93	0.81	0.97	1	40.5	3.37	0.84	1	1				
	1520	48.5	2.18	0.8	0.96	1	46.5	2.54	0.83	0.98	1	44	2.93	0.85	1	1	42	3.37	0.87	1	1				
67°F	1180	49	2.18	0.59	0.72	0.84	46.5	2.54	0.6	0.73	0.86	44	2.93	0.61	0.75	0.89	41.5	3.37	0.63	0.77	0.91				
	1350	50.5	2.18	0.61	0.75	0.88	48	2.53	0.62	0.77	0.91	45.5	2.92	0.63	0.79	0.93	43	3.37	0.65	0.81	0.96				
	1520	51.5	2.17	0.63	0.78	0.92	49	2.53	0.64	0.8	0.95	46.5	2.93	0.66	0.82	0.98	44	3.37	0.67	0.85	1				
71°F	1180	51.5	2.18	0.46	0.58	0.69	49.5	2.53	0.46	0.59	0.71	47	2.93	0.47	0.6	0.72	44.5	3.36	0.47	0.61	0.74				
	1350	53.5	2.18	0.47	0.6	0.72	51	2.53	0.47	0.61	0.74	48.5	2.93	0.48	0.62	0.76	45.5	3.37	0.48	0.64	0.78				
	1520	54.5	2.17	0.47	0.62	0.75	52	2.53	0.48	0.63	0.77	49.5	2.93	0.49	0.64	0.8	46.5	3.37	0.5	0.66	0.82				

XP16-060-230-05 - CX34-62C-6F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F			
63°F	1575	58	3.67	0.76	0.89	1	55	4.1	0.77	0.91	1	52	4.59	0.79	0.93	1	49	5.17	0.81	0.97	1				
	1800	59.5	3.69	0.78	0.93	1	57	4.12	0.8	0.95	1	54	4.62	0.82	0.98	1	50.5	5.19	0.85	1	1				
	2025	61	3.71	0.81	0.97	1	58	4.14	0.83	0.99	1	55	4.64	0.86	1	1	52	5.23	0.89	1	1				
67°F	1575	61	3.71	0.6	0.73	0.85	58	4.14	0.61	0.74	0.87	55	4.64	0.62	0.76	0.9	51.5	5.22	0.64	0.79	0.93				
	1800	62.5	3.74	0.62	0.76	0.89	59.5	4.17	0.63	0.77	0.92	56.5	4.67	0.65	0.8	0.95	53	5.24	0.66	0.83	0.98				
	2025	64	3.76	0.64	0.79	0.94	61	4.19	0.65	0.81	0.96	58	4.69	0.67	0.83	0.99	54	5.27	0.68	0.86	1				
71°F	1575	64	3.76	0.47	0.59	0.7	61	4.19	0.47	0.6	0.72	58	4.69	0.47	0.61	0.74	54.5	5.27	0.48	0.62	0.76				
	1800	66	3.79	0.47	0.61	0.74	63	4.22	0.48	0.62	0.75	59.5	4.72	0.49	0.63	0.77	56	5.3	0.49	0.65	0.8				
	2025	67.5	3.81	0.48	0.62	0.77	64	4.24	0.49	0.64	0.79	60.5	4.74	0.5	0.66	0.81	57	5.32	0.5	0.67	0.84				

XP16-060-230-05 - CX34-62C-6F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1181	45.4	3.47	43.1	3.39	40.8	3.31	38.5	3.23
1350	46.1	3.28	43.8	3.2	41.5	3.12	39.2	3.05
1519	46.3	3.13	44	3.06	41.7	2.98	39.4	2.9

XP16-060-230-05 - CX34-62C-6F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1575	65	5.07	51.1	4.43	36.3	3.72	26.8	3.34	13.3	2.53
1800	65.8	4.87	51.8	4.23	37	3.52	27.6	3.14	14	2.33
2025	66.3	4.69	52.4	4.05	37.6	3.34	28.2	2.96	14.6	2.15

XP16-060-230-05 - CX34-62C-6F

HEATING PERFORMANCE at 1800 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.87	65.8
60	4.73	62.6
55	4.59	59.4
50	4.45	56.3
47	4.37	54.4
45	4.23	51.8
40	3.87	45.5
35	3.51	39.1
30	3.51	38.1
25	3.52	37
20	3.53	36
17	3.54	35.4
15	3.48	34.1
10	3.34	31
5	3.14	27.6
0	2.94	24.2
-5	2.73	20.8
-10	2.53	17.4
-15	2.33	14
-20	2.12	10.6

XP16-060-230-05 - CX34-62C-6F + SL280UH090V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1110	45	2.2	0.73	0.85	0.98	43	2.55	0.74	0.87	1	41	2.94	0.76	0.9	1	38.5	3.38	0.78	0.92	1				
	1280	46.5	2.19	0.76	0.89	1	44.5	2.54	0.77	0.92	1	42	2.93	0.79	0.94	1	39.5	3.37	0.81	0.97	1				
	1415	48	2.19	0.78	0.93	1	45.5	2.54	0.8	0.95	1	43	2.93	0.82	0.98	1	40.5	3.37	0.85	1	1				
67°F	1110	48	2.19	0.58	0.7	0.82	45.5	2.54	0.59	0.71	0.84	43.5	2.93	0.6	0.73	0.86	41	3.37	0.61	0.75	0.89				
	1280	49.5	2.18	0.6	0.73	0.86	47.5	2.53	0.61	0.74	0.88	45	2.93	0.62	0.76	0.91	42.5	3.37	0.63	0.79	0.94				
	1415	51	2.18	0.61	0.76	0.89	48.5	2.53	0.62	0.77	0.92	46	2.93	0.64	0.79	0.95	43	3.37	0.65	0.82	0.98				
71°F	1110	50.5	2.18	0.45	0.56	0.68	48.5	2.53	0.45	0.57	0.69	46	2.93	0.45	0.58	0.7	43.5	3.37	0.46	0.59	0.72				
	1280	52.5	2.18	0.46	0.58	0.7	50	2.53	0.46	0.59	0.72	47.5	2.92	0.46	0.6	0.74	45	3.37	0.47	0.62	0.76				
	1415	54	2.17	0.46	0.6	0.73	51.5	2.53	0.47	0.61	0.75	48.5	2.93	0.47	0.62	0.77	46	3.37	0.48	0.64	0.79				

XP16-060-230-05 - CX34-62C-6F + SL280UH090V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1575	57.5	3.66	0.75	0.88	1	55	4.09	0.76	0.9	1	52	4.59	0.78	0.93	1	49	5.17	0.81	0.96	1				
	1820	59.5	3.69	0.78	0.93	1	57	4.12	0.8	0.95	1	54	4.62	0.82	0.98	1	50.5	5.2	0.85	1	1				
	2000	60.5	3.71	0.81	0.96	1	58	4.14	0.83	0.99	1	55	4.64	0.85	1	1	52	5.22	0.88	1	1				
67°F	1575	61	3.71	0.6	0.73	0.85	58	4.14	0.61	0.74	0.87	55	4.64	0.62	0.76	0.9	51.5	5.22	0.63	0.78	0.93				
	1820	62.5	3.74	0.62	0.76	0.89	60	4.17	0.63	0.78	0.92	56.5	4.67	0.64	0.8	0.95	53	5.25	0.66	0.83	0.98				
	2000	64	3.76	0.64	0.79	0.93	61	4.19	0.65	0.81	0.96	57.5	4.69	0.67	0.83	0.98	54	5.26	0.68	0.86	1				
71°F	1575	64	3.76	0.46	0.58	0.7	61	4.19	0.47	0.59	0.72	58	4.69	0.47	0.6	0.73	54.5	5.27	0.47	0.62	0.76				
	1820	66	3.79	0.47	0.61	0.74	63	4.22	0.48	0.62	0.75	59.5	4.72	0.48	0.63	0.78	56	5.3	0.49	0.65	0.8				
	2000	67	3.81	0.48	0.62	0.76	64	4.24	0.49	0.64	0.78	60.5	4.74	0.5	0.65	0.81	57	5.32	0.5	0.67	0.83				

XP16-060-230-05 - CX34-62C-6F + SL280UH090V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1110	44.3	3.55	42.1	3.47	39.8	3.39	37.6	3.31
1278	45.1	3.33	42.9	3.25	40.6	3.17	38.4	3.09
1415	45.9	3.21	43.7	3.13	41.4	3.05	39.2	2.97

XP16-060-230-05 - CX34-62C-6F + SL280UH090V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1575	64.6	5.04	50.6	4.41	35.8	3.73	26.4	3.35	12.9	2.54
1818	65.6	4.82	51.6	4.19	36.8	3.51	27.4	3.13	13.9	2.32
2000	66.3	4.69	52.4	4.07	37.5	3.38	28.1	3	14.6	2.19

XP16-060-230-05 - CX34-62C-6F + SL280UH090V60C HEATING PERFORMANCE at 1818 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.82	65.6
60	4.68	62.4
55	4.55	59.3
50	4.41	56.1
47	4.33	54.2
45	4.19	51.6
40	3.84	45.3
35	3.49	38.9
30	3.5	37.8
25	3.51	36.8
20	3.52	35.8
17	3.52	35.2
15	3.47	33.9
10	3.33	30.7
5	3.13	27.4
0	2.93	24
-5	2.72	20.6
-10	2.52	17.3
-15	2.32	13.9
-20	2.12	10.6

XP16-060-230-05 - CX34-62C-6F + SL280UH110V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F	75°F	80°F	85°F	
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1075	44.5	2.19	0.72	0.85	0.97	42.5	2.55	0.73	0.86	0.99	40.5	2.94	0.75	0.89	1	38	3.37	0.77	0.91	1				
	1255	46.5	2.19	0.75	0.89	1	44.5	2.54	0.77	0.91	1	42	2.93	0.79	0.94	1	39.5	3.37	0.81	0.97	1				
	1430	48	2.19	0.79	0.94	1	45.5	2.54	0.8	0.96	1	43.5	2.93	0.83	0.99	1	41	3.37	0.85	1	1				
67°F	1075	47.5	2.19	0.58	0.7	0.81	45.5	2.54	0.59	0.71	0.83	43	2.93	0.59	0.72	0.85	40.5	3.37	0.61	0.74	0.88				
	1255	49.5	2.18	0.6	0.73	0.85	47	2.54	0.61	0.74	0.88	45	2.93	0.62	0.76	0.9	42	3.37	0.63	0.78	0.93				
	1430	51	2.18	0.62	0.76	0.9	48.5	2.53	0.63	0.78	0.92	46	2.93	0.64	0.8	0.95	43.5	3.37	0.66	0.82	0.98				
71°F	1075	50	2.18	0.45	0.56	0.67	48	2.53	0.45	0.57	0.68	45.5	2.93	0.45	0.58	0.7	43	3.37	0.46	0.59	0.71				
	1255	52.5	2.18	0.46	0.58	0.7	50	2.53	0.46	0.59	0.72	47.5	2.92	0.46	0.6	0.73	45	3.37	0.47	0.61	0.76				
	1430	54	2.17	0.47	0.6	0.73	51.5	2.53	0.47	0.61	0.75	49	2.92	0.48	0.63	0.77	46	3.37	0.48	0.64	0.8				

XP16-060-230-05 - CX34-62C-6F + SL280UH110V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F	75°F	80°F	85°F	
cfm	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW								
63°F	1560	57.5	3.66	0.75	0.88	1	55	4.09	0.76	0.9	1	52	4.59	0.78	0.93	1	49	5.17	0.8	0.96	1				
	1815	59.5	3.69	0.78	0.93	1	57	4.12	0.8	0.95	1	54	4.62	0.82	0.98	1	50.5	5.2	0.85	1	1				
	2015	61	3.71	0.81	0.97	1	58	4.14	0.83	0.99	1	55	4.64	0.86	1	1	52	5.23	0.89	1	1				
67°F	1560	60.5	3.71	0.6	0.73	0.85	58	4.14	0.61	0.74	0.87	55	4.64	0.62	0.76	0.89	51.5	5.22	0.63	0.78	0.93				
	1815	62.5	3.74	0.62	0.76	0.9	59.5	4.17	0.63	0.78	0.92	56.5	4.67	0.65	0.8	0.95	53	5.25	0.66	0.83	0.98				
	2015	64	3.76	0.64	0.79	0.94	61	4.19	0.65	0.81	0.96	58	4.69	0.67	0.83	0.99	54	5.27	0.69	0.86	1				
71°F	1560	64	3.76	0.46	0.58	0.7	61	4.19	0.47	0.59	0.72	58	4.69	0.47	0.6	0.73	54.5	5.27	0.48	0.62	0.75				
	1815	66	3.79	0.47	0.61	0.74	63	4.22	0.48	0.62	0.75	59.5	4.72	0.49	0.63	0.78	56	5.3	0.49	0.65	0.8				
	2015	67.5	3.81	0.48	0.63	0.77	64	4.24	0.49	0.64	0.79	60.5	4.74	0.5	0.66	0.81	57	5.32	0.51	0.67	0.84				

XP16-060-230-05 - CX34-62C-6F + SL280UH110V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1075	44.5	3.62	42.2	3.53	40	3.45	37.7	3.36
1256	45.2	3.37	43	3.28	40.7	3.2	38.4	3.12
1430	46.1	3.2	43.8	3.11	41.5	3.03	39.3	2.95

XP16-060-230-05 - CX34-62C-6F + SL280UH110V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1560	64.6	5.07	50.7	4.43	35.8	3.73	26.4	3.35	12.8	2.54
1813	65.8	4.86	51.8	4.21	37	3.51	27.5	3.13	14	2.32
2015	66.6	4.7	52.7	4.06	37.8	3.36	28.4	2.98	14.8	2.17

XP16-060-230-05 - CX34-62C-6F + SL280UH110V60C HEATING PERFORMANCE at 1813 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.86	65.8
60	4.72	62.6
55	4.58	59.4
50	4.44	56.3
47	4.36	54.4
45	4.21	51.8
40	3.86	45.4
35	3.5	39
30	3.51	38
25	3.51	37
20	3.52	36
17	3.53	35.4
15	3.47	34.1
10	3.34	30.9
5	3.13	27.5
0	2.93	24.1
-5	2.73	20.8
-10	2.52	17.4
-15	2.32	14
-20	2.12	10.6

XP16-060-230-05 - CX34-62C-6F + SLP98UH090V48C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	1160	45.5	2.19	0.74	0.87	0.99	43.5	2.54	0.75	0.88	1	41	2.94	0.77	0.91	1	39	3.38	0.79	0.94	1				
	1315	47	2.19	0.76	0.91	1	44.5	2.54	0.78	0.93	1	42.5	2.93	0.8	0.95	1	40	3.37	0.82	0.99	1				
	1315	47	2.19	0.76	0.91	1	44.5	2.54	0.78	0.93	1	42.5	2.93	0.8	0.96	1	40	3.37	0.82	0.99	1				
67°F	1160	48.5	2.18	0.59	0.71	0.83	46	2.54	0.59	0.72	0.85	44	2.93	0.61	0.74	0.87	41.5	3.37	0.62	0.76	0.9				
	1315	50	2.18	0.6	0.74	0.87	47.5	2.53	0.61	0.75	0.89	45	2.93	0.62	0.77	0.92	42.5	3.37	0.64	0.79	0.95				
	1315	50	2.18	0.6	0.74	0.87	47.5	2.53	0.61	0.75	0.89	45.5	2.93	0.62	0.77	0.92	42.5	3.37	0.64	0.79	0.95				
71°F	1160	51.5	2.18	0.45	0.57	0.68	49	2.54	0.45	0.58	0.7	46.5	2.93	0.46	0.59	0.71	44	3.37	0.46	0.6	0.73				
	1315	53	2.18	0.46	0.59	0.71	50.5	2.53	0.46	0.6	0.73	48	2.93	0.47	0.61	0.75	45.5	3.37	0.47	0.62	0.77				
	1315	53	2.18	0.46	0.59	0.71	50.5	2.53	0.46	0.6	0.73	48	2.93	0.47	0.61	0.75	45.5	3.37	0.47	0.62	0.77				

XP16-060-230-05 - CX34-62C-6F + SLP98UH090V48C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	1580	57.5	3.67	0.75	0.89	1	55	4.09	0.77	0.91	1	52	4.59	0.79	0.93	1	49	5.17	0.81	0.96	1				
	1770	59.5	3.69	0.78	0.92	1	56.5	4.12	0.8	0.95	1	53.5	4.62	0.82	0.97	1	50	5.19	0.84	1	1				
	1770	59.5	3.69	0.78	0.92	1	56.5	4.12	0.8	0.95	1	53.5	4.62	0.82	0.97	1	50	5.19	0.84	1	1				
67°F	1580	61	3.71	0.6	0.73	0.85	58	4.14	0.61	0.74	0.87	55	4.64	0.62	0.76	0.9	51.5	5.22	0.64	0.79	0.93				
	1770	62.5	3.73	0.62	0.76	0.89	59.5	4.17	0.63	0.77	0.91	56.5	4.67	0.64	0.79	0.94	53	5.24	0.66	0.82	0.97				
	1770	62.5	3.73	0.62	0.75	0.89	59.5	4.17	0.63	0.77	0.91	56.5	4.67	0.64	0.79	0.94	53	5.24	0.66	0.82	0.97				
71°F	1580	64	3.76	0.46	0.59	0.7	61	4.19	0.47	0.59	0.72	58	4.69	0.47	0.6	0.74	54.5	5.27	0.48	0.62	0.76				
	1770	65.5	3.79	0.48	0.61	0.73	62.5	4.22	0.48	0.61	0.75	59.5	4.72	0.48	0.63	0.77	55.5	5.29	0.49	0.65	0.8				
	1770	65.5	3.79	0.48	0.61	0.73	62.5	4.22	0.48	0.61	0.75	59.5	4.72	0.48	0.63	0.77	55.5	5.29	0.49	0.65	0.8				

XP16-060-230-05 - CX34-62C-6F + SLP98UH090V48C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1159	44.9	3.48	42.6	3.4	40.3	3.32	38	3.24
1315	45.6	3.3	43.2	3.22	40.9	3.14	38.6	3.06
1315	45.7	3.3	43.3	3.22	41	3.14	38.7	3.06

XP16-060-230-05 - CX34-62C-6F + SLP98UH090V48C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1580	64.7	5.06	50.9	4.41	36.1	3.7	26.7	3.31	13.1	2.5
1771	65.6	4.9	51.8	4.25	37	3.54	27.6	3.15	14	2.33
1770	65.6	4.9	51.8	4.25	37	3.54	27.6	3.15	14	2.34

**XP16-060-230-05 - CX34-62C-6F + SLP98UH090V48C
HEATING PERFORMANCE at 1771 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.9	65.6
60	4.76	62.5
55	4.62	59.3
50	4.48	56.2
47	4.39	54.3
45	4.25	51.8
40	3.89	45.4
35	3.52	39.1
30	3.53	38.1
25	3.54	37
20	3.55	36
17	3.55	35.4
15	3.49	34.1
10	3.35	31
5	3.15	27.6
0	2.95	24.2
-5	2.74	20.8
-10	2.54	17.4
-15	2.33	14
-20	2.13	10.6

XP16-060-230-05 - CX34-62C-6F + SLP98UH090V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW							
63°F	1055	44.5	2.19	0.72	0.84	0.96	42.5	2.55	0.73	0.86	0.98	40.5	2.93	0.75	0.88	1	38	3.38	0.77	0.91	1				
	1275	46.5	2.19	0.76	0.89	1	44.5	2.54	0.77	0.92	1	42	2.93	0.79	0.94	1	39.5	3.37	0.81	0.97	1				
	1445	48	2.18	0.79	0.94	1	46	2.54	0.81	0.96	1	43.5	2.93	0.83	0.99	1	41	3.37	0.85	1	1				
67°F	1055	47	2.19	0.58	0.69	0.81	45	2.54	0.58	0.71	0.82	43	2.93	0.59	0.72	0.84	40.5	3.37	0.6	0.74	0.87				
	1275	49.5	2.18	0.6	0.73	0.86	47.5	2.53	0.61	0.75	0.88	45	2.93	0.62	0.76	0.91	42.5	3.37	0.63	0.79	0.94				
	1445	51	2.18	0.62	0.76	0.9	48.5	2.53	0.63	0.78	0.93	46	2.93	0.64	0.8	0.95	43.5	3.37	0.66	0.83	0.99				
71°F	1055	50	2.18	0.45	0.56	0.67	48	2.54	0.45	0.57	0.68	45.5	2.92	0.45	0.57	0.69	43	3.37	0.46	0.59	0.71				
	1275	52.5	2.18	0.46	0.58	0.7	50	2.53	0.46	0.59	0.72	47.5	2.92	0.46	0.6	0.74	45	3.37	0.47	0.62	0.76				
	1445	54	2.17	0.47	0.6	0.74	51.5	2.53	0.47	0.61	0.75	49	2.93	0.48	0.63	0.77	46	3.37	0.48	0.65	0.8				

XP16-060-230-05 - CX34-62C-6F + SLP98UH090V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW							
63°F	1590	58	3.67	0.76	0.89	1	55	4.1	0.77	0.91	1	52.5	4.59	0.79	0.93	1	49	5.17	0.81	0.97	1				
	1820	59.5	3.69	0.78	0.93	1	57	4.12	0.81	0.96	1	54	4.62	0.83	0.98	1	50.5	5.2	0.85	1	1				
	2010	61	3.71	0.82	0.97	1	58	4.14	0.83	0.99	1	55	4.64	0.86	1	1	52	5.23	0.89	1	1				
67°F	1590	61	3.71	0.6	0.73	0.86	58	4.14	0.61	0.74	0.87	55	4.64	0.62	0.76	0.9	52	5.22	0.64	0.79	0.93				
	1820	62.5	3.74	0.62	0.76	0.9	60	4.17	0.63	0.78	0.92	56.5	4.67	0.65	0.8	0.95	53	5.25	0.66	0.83	0.98				
	2010	64	3.76	0.64	0.79	0.94	61	4.19	0.66	0.81	0.96	58	4.69	0.67	0.83	0.99	54	5.27	0.69	0.86	1				
71°F	1590	64	3.76	0.46	0.59	0.7	61	4.19	0.47	0.59	0.72	58	4.69	0.47	0.61	0.74	54.5	5.28	0.48	0.62	0.76				
	1820	66	3.79	0.48	0.61	0.74	63	4.22	0.48	0.62	0.75	59.5	4.72	0.49	0.63	0.78	56	5.3	0.49	0.65	0.8				
	2010	67.5	3.81	0.49	0.63	0.77	64	4.24	0.49	0.64	0.79	61	4.74	0.5	0.66	0.81	57	5.32	0.51	0.67	0.84				

XP16-060-230-05 - CX34-62C-6F + SLP98UH090V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1054	44.3	3.65	42	3.57	39.8	3.49	37.5	3.41
1274	45.2	3.33	42.9	3.25	40.7	3.17	38.4	3.09
1445	46	3.18	43.7	3.1	41.5	3.02	39.2	2.94

XP16-060-230-05 - CX34-62C-6F + SLP98UH090V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1590	64.8	5.04	50.9	4.4	36.1	3.7	26.6	3.32	13	2.51
1818	65.9	4.86	52	4.22	37.1	3.52	27.7	3.14	14.1	2.32
2010	66.8	4.71	52.8	4.07	38	3.37	28.5	2.99	14.9	2.17

XP16-060-230-05 - CX34-62C-6F + SLP98UH090V60C HEATING PERFORMANCE at 1818 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.86	65.9
60	4.72	62.8
55	4.58	59.6
50	4.44	56.4
47	4.36	54.5
45	4.22	52
40	3.86	45.6
35	3.5	39.2
30	3.51	38.2
25	3.52	37.1
20	3.53	36.1
17	3.53	35.5
15	3.48	34.2
10	3.34	31.1
5	3.14	27.7
0	2.93	24.3
-5	2.73	20.9
-10	2.53	17.5
-15	2.32	14.1
-20	2.12	10.7

XP16-060-230-05 - CX34-62C-6F + SLP98UH110V60C - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	1145	45.5	2.19	0.73	0.86	0.99	43.5	2.54	0.75	0.88	1	41	2.93	0.76	0.91	1	38.5	3.38	0.78	0.94	1				
	1270	46.5	2.19	0.76	0.89	1	44.5	2.54	0.77	0.91	1	42	2.93	0.79	0.94	1	39.5	3.37	0.81	0.97	1				
	1545	48.5	2.18	0.81	0.96	1	46.5	2.54	0.83	0.99	1	44	2.93	0.85	1	1	42	3.37	0.88	1	1				
67°F	1145	48.5	2.18	0.59	0.71	0.83	46	2.54	0.59	0.72	0.85	44	2.93	0.6	0.74	0.87	41.5	3.37	0.61	0.76	0.9				
	1270	49.5	2.18	0.6	0.73	0.86	47	2.53	0.61	0.74	0.88	45	2.93	0.62	0.76	0.9	42	3.37	0.63	0.78	0.94				
	1545	52	2.17	0.63	0.78	0.93	49.5	2.53	0.64	0.8	0.95	47	2.93	0.66	0.82	0.98	44	3.37	0.67	0.85	1				
71°F	1145	51	2.18	0.45	0.57	0.68	49	2.53	0.45	0.58	0.7	46.5	2.93	0.46	0.59	0.71	44	3.37	0.46	0.6	0.73				
	1270	52.5	2.18	0.46	0.58	0.7	50	2.53	0.46	0.59	0.72	47.5	2.93	0.46	0.6	0.74	45	3.37	0.47	0.61	0.76				
	1545	55	2.17	0.47	0.62	0.76	52.5	2.53	0.48	0.63	0.77	49.5	2.93	0.49	0.64	0.8	47	3.37	0.49	0.66	0.82				

XP16-060-230-05 - CX34-62C-6F + SLP98UH110V60C - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
		kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F				
63°F	1565	57.5	3.66	0.75	0.88	1	55	4.09	0.76	0.9	1	52	4.59	0.78	0.93	1	49	5.17	0.81	0.96	1				
	1780	59.5	3.69	0.78	0.92	1	56.5	4.12	0.8	0.95	1	53.5	4.62	0.82	0.97	1	50.5	5.19	0.85	1	1				
	2125	61.5	3.73	0.83	0.99	1	59	4.15	0.85	1	1	56	4.66	0.88	1	1	53	5.24	0.91	1	1				
67°F	1565	61	3.71	0.6	0.73	0.85	58	4.14	0.61	0.74	0.87	55	4.64	0.62	0.76	0.89	51.5	5.22	0.64	0.78	0.93				
	1780	62.5	3.74	0.62	0.76	0.89	59.5	4.16	0.63	0.77	0.91	56.5	4.67	0.64	0.8	0.94	53	5.24	0.66	0.82	0.97				
	2125	65	3.77	0.65	0.81	0.96	62	4.2	0.67	0.83	0.98	58.5	4.7	0.68	0.85	1	54.5	5.27	0.7	0.88	1				
71°F	1565	64	3.76	0.46	0.58	0.7	61	4.19	0.47	0.59	0.72	58	4.69	0.47	0.6	0.73	54.5	5.27	0.48	0.62	0.76				
	1780	65.5	3.79	0.48	0.61	0.73	62.5	4.22	0.48	0.61	0.75	59.5	4.72	0.48	0.63	0.77	56	5.3	0.49	0.65	0.8				
	2125	68	3.83	0.49	0.64	0.79	65	4.25	0.5	0.65	0.81	61.5	4.75	0.51	0.67	0.83	57.5	5.33	0.52	0.69	0.86				

XP16-060-230-05 - CX34-62C-6F + SLP98UH110V60C - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1146	44.7	3.5	42.4	3.42	40.2	3.34	37.9	3.27
1269	45.2	3.34	42.9	3.26	40.7	3.18	38.4	3.1
1545	46	3.1	43.8	3.03	41.5	2.95	39.3	2.87

XP16-060-230-05 - CX34-62C-6F + SLP98UH110V60C - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
	cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1565	64.7	5.08	50.8	4.43	36.1	3.72	26.6	3.33	13.1	2.52
1778	65.7	4.89	51.8	4.24	37	3.53	27.6	3.15	14	2.33
2125	67.2	4.65	53.3	4	38.6	3.29	29.1	2.91	15.5	2.09

XP16-060-230-05 - CX34-62C-6F + SLP98UH110V60C HEATING PERFORMANCE at 1778 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.89	65.7
60	4.75	62.5
55	4.61	59.3
50	4.47	56.2
47	4.39	54.3
45	4.24	51.8
40	3.88	45.4
35	3.52	39.1
30	3.53	38
25	3.53	37
20	3.54	36
17	3.55	35.4
15	3.49	34.1
10	3.35	30.9
5	3.15	27.6
0	2.94	24.2
-5	2.74	20.8
-10	2.54	17.4
-15	2.33	14
-20	2.13	10.6

XP16-060-230-05 - CX34-62D-6F - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		75°F					85°F					95°F					105°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	1180	44.5	2.17	0.75	0.88	1	42.5	2.51	0.76	0.9	1	40	2.89	0.78	0.92	1	37.8	3.32	0.8	0.96	1
	1350	46	2.17	0.78	0.92	1	43.5	2.51	0.79	0.94	1	41.5	2.89	0.82	0.97	1	39	3.32	0.84	1	1
	1520	47	2.16	0.79	0.96	1	45	2.51	0.82	0.98	1	42.5	2.89	0.85	1	1	40	3.32	0.88	1	1
67°F	1180	47	2.16	0.6	0.72	0.84	45	2.51	0.6	0.74	0.86	42.5	2.89	0.62	0.75	0.89	40	3.32	0.63	0.78	0.92
	1350	48.5	2.16	0.61	0.75	0.88	46	2.51	0.63	0.77	0.9	44	2.89	0.64	0.79	0.94	41	3.32	0.65	0.81	0.97
	1520	49.5	2.16	0.63	0.78	0.92	47.5	2.51	0.65	0.8	0.95	45	2.89	0.66	0.82	0.98	42	3.32	0.68	0.85	1
71°F	1180	49.5	2.16	0.46	0.58	0.7	47.5	2.51	0.46	0.59	0.71	45	2.89	0.47	0.6	0.73	42.5	3.32	0.48	0.62	0.75
	1350	51.5	2.16	0.47	0.6	0.72	49	2.51	0.47	0.61	0.74	46.5	2.89	0.48	0.62	0.76	43.5	3.32	0.49	0.64	0.79
	1520	52.5	2.15	0.48	0.62	0.75	50	2.51	0.49	0.63	0.77	47.5	2.89	0.49	0.65	0.79	44.5	3.32	0.5	0.66	0.82

XP16-060-230-05 - CX34-62D-6F - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																			
		85°F					95°F					105°F					115°F				
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb		
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F
cfm	kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			kBtuh	kW			
63°F	1575	58	3.59	0.74	0.86	0.98	55.5	4.03	0.75	0.88	1	52.5	4.53	0.77	0.91	1	49.5	5.11	0.79	0.94	1
	1800	59.5	3.62	0.76	0.9	1	57	4.05	0.78	0.92	1	54	4.55	0.8	0.95	1	51	5.14	0.82	0.98	1
	2025	61	3.64	0.79	0.93	1	58.5	4.07	0.8	0.96	1	55.5	4.57	0.82	0.98	1	52	5.15	0.85	1	1
67°F	1575	61	3.63	0.6	0.71	0.83	58	4.07	0.6	0.73	0.85	55.5	4.57	0.61	0.74	0.87	52	5.16	0.62	0.76	0.9
	1800	62.5	3.66	0.61	0.74	0.87	60	4.09	0.62	0.75	0.89	57	4.6	0.63	0.77	0.91	53.5	5.18	0.65	0.8	0.95
	2025	64	3.68	0.63	0.76	0.9	61.5	4.11	0.63	0.78	0.92	58	4.62	0.65	0.8	0.95	54.5	5.19	0.66	0.83	0.98
71°F	1575	63.5	3.67	0.46	0.58	0.69	61	4.11	0.47	0.59	0.71	57.5	4.61	0.48	0.6	0.72	54.5	5.19	0.48	0.61	0.74
	1800	65.5	3.69	0.47	0.6	0.72	62.5	4.13	0.48	0.61	0.73	59.5	4.64	0.48	0.62	0.75	56	5.22	0.49	0.63	0.77
	2025	67	3.72	0.48	0.61	0.74	64	4.15	0.49	0.62	0.76	60.5	4.65	0.49	0.64	0.78	57	5.24	0.5	0.65	0.8

XP16-060-230-05 - CX34-62D-6F - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1181	44.1	3.29	41.8	3.25	39.6	3.2	37.4	3.15
1350	44.6	3.12	42.4	3.08	40.1	3.03	37.9	2.98
1519	45.5	2.99	43.2	2.95	41	2.9	38.8	2.86

XP16-060-230-05 - CX34-62D-6F - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1575	63.5	4.69	50.6	4.25	36.9	3.8	27.5	3.31	13.6	2.48
1800	64.2	4.5	51.2	4.06	37.5	3.61	28.1	3.12	14.2	2.29
2025	64.9	4.36	51.9	3.92	38.2	3.47	28.8	2.98	14.9	2.15

XP16-060-230-05 - CX34-62D-6F

HEATING PERFORMANCE at 1800 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.5	64.2
60	4.4	61.2
55	4.29	58.2
50	4.18	55.3
47	4.12	53.5
45	4.06	51.2
40	3.92	45.4
35	3.78	39.7
30	3.7	38.6
25	3.61	37.5
20	3.53	36.4
17	3.48	35.7
15	3.43	34.5
10	3.33	31.6
5	3.12	28.1
0	2.91	24.6
-5	2.71	21.1
-10	2.5	17.7
-15	2.29	14.2
-20	2.09	10.7

XP16-060-230-05 - CX34-62D-6F + SL280UH135V60D - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
63°F	1120	43.5	2.17	0.73	0.86	0.98	41.5	2.51	0.74	0.88	1	39.5	2.89	0.76	0.9	1	37	3.32	0.78	0.93	1				
	1350	45.5	2.17	0.77	0.91	1	43.5	2.51	0.78	0.93	1	41	2.89	0.81	0.96	1	38.5	3.32	0.83	0.99	1				
	1485	46.5	2.17	0.79	0.94	1	44.5	2.51	0.8	0.97	1	42	2.89	0.83	0.99	1	39.5	3.32	0.86	1	1				
67°F	1120	46	2.17	0.59	0.7	0.82	44	2.51	0.59	0.72	0.84	42	2.89	0.6	0.73	0.87	39.5	3.32	0.62	0.76	0.89				
	1350	48	2.16	0.6	0.74	0.87	46	2.51	0.62	0.76	0.9	43.5	2.89	0.63	0.78	0.93	41	3.32	0.64	0.81	0.96				
	1485	49	2.16	0.62	0.76	0.91	47	2.51	0.63	0.78	0.93	44.5	2.89	0.65	0.81	0.96	41.5	3.32	0.66	0.84	0.99				
71°F	1120	49	2.16	0.45	0.57	0.68	46.5	2.51	0.45	0.58	0.69	44.5	2.89	0.46	0.58	0.71	42	3.32	0.46	0.6	0.73				
	1350	51	2.16	0.46	0.59	0.72	49	2.51	0.46	0.6	0.74	46.5	2.89	0.47	0.61	0.76	43.5	3.32	0.48	0.63	0.78				
	1485	52	2.15	0.47	0.61	0.74	50	2.51	0.47	0.62	0.76	47	2.89	0.48	0.63	0.78	44.5	3.32	0.49	0.65	0.81				

XP16-060-230-05 - CX34-62D-6F + SL280UH135V60D - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
63°F	1600	58	3.6	0.74	0.86	0.98	55.5	4.03	0.75	0.88	1	52.5	4.53	0.77	0.91	1	49.5	5.11	0.79	0.94	1				
	1840	60	3.62	0.76	0.9	1	57	4.05	0.78	0.93	1	54	4.55	0.8	0.95	1	51	5.14	0.82	0.98	1				
	2105	61.5	3.64	0.8	0.95	1	59	4.08	0.81	0.97	1	55.5	4.58	0.83	0.99	1	52.5	5.16	0.86	1	1				
67°F	1600	61	3.63	0.59	0.71	0.83	58	4.07	0.6	0.73	0.85	55.5	4.57	0.61	0.74	0.87	52	5.16	0.62	0.76	0.9				
	1840	62.5	3.66	0.61	0.74	0.87	60	4.09	0.62	0.76	0.89	57	4.6	0.63	0.77	0.92	53.5	5.18	0.65	0.8	0.95				
	2105	64.5	3.68	0.63	0.77	0.91	61.5	4.12	0.64	0.79	0.94	58.5	4.62	0.65	0.81	0.97	55	5.2	0.67	0.83	0.99				
71°F	1600	63.5	3.67	0.46	0.58	0.69	61	4.11	0.46	0.59	0.71	57.5	4.61	0.47	0.6	0.72	54.5	5.2	0.47	0.61	0.74				
	1840	65.5	3.7	0.47	0.6	0.72	62.5	4.13	0.47	0.61	0.73	59.5	4.64	0.48	0.62	0.75	56	5.22	0.49	0.63	0.77				
	2105	67.5	3.72	0.48	0.62	0.75	64.5	4.16	0.49	0.63	0.77	61	4.66	0.49	0.64	0.79	57.5	5.24	0.5	0.66	0.81				

XP16-060-230-05 - CX34-62D-6F + SL280UH135V60D - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1122	43.3	3.34	41.1	3.29	38.9	3.25	36.7	3.2
1351	43.9	3.1	41.6	3.05	39.4	3.01	37.2	2.96
1485	44.7	3	42.5	2.95	40.2	2.91	38	2.86

XP16-060-230-05 - CX34-62D-6F + SL280UH135V60D - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1600	63.1	4.64	50	4.2	36.1	3.75	26.8	3.27	13	2.45
1838	64.2	4.47	51	4.03	37.1	3.58	27.8	3.1	14.1	2.28
2105	65	4.3	51.9	3.86	38	3.41	28.7	2.93	14.9	2.11

**XP16-060-230-05 - CX34-62D-6F + SL280UH135V60D
HEATING PERFORMANCE at 1838 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.47	64.2
60	4.36	61.2
55	4.26	58.2
50	4.15	55.2
47	4.09	53.4
45	4.03	51
40	3.88	45.2
35	3.73	39.3
30	3.65	38.2
25	3.58	37.1
20	3.5	36.1
17	3.45	35.4
15	3.41	34.2
10	3.31	31.3
5	3.1	27.8
0	2.9	24.4
-5	2.69	20.9
-10	2.48	17.5
-15	2.28	14.1
-20	2.07	10.6

XP16-060-230-05 - CX34-62D-6F + SLP98UH135V60D - (1st Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		75°F						85°F						95°F						105°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
63°F	1070	43	2.17	0.72	0.85	0.96	41	2.52	0.74	0.86	0.99	39	2.89	0.75	0.89	1	36.6	3.32	0.77	0.92	1				
	1290	45	2.17	0.76	0.9	1	43	2.51	0.77	0.92	1	40.5	2.89	0.79	0.95	1	38.5	3.32	0.82	0.98	1				
	1565	47	2.16	0.8	0.96	1	45	2.51	0.83	0.99	1	42.5	2.89	0.85	1	1	40.5	3.32	0.88	1	1				
67°F	1070	45.5	2.17	0.58	0.7	0.81	43.5	2.51	0.59	0.71	0.83	41.5	2.89	0.59	0.73	0.85	39	3.32	0.61	0.74	0.88				
	1290	47.5	2.16	0.6	0.73	0.86	45.5	2.51	0.6	0.75	0.88	43	2.89	0.62	0.77	0.91	40.5	3.32	0.64	0.79	0.94				
	1565	49.5	2.16	0.63	0.77	0.93	47.5	2.51	0.64	0.8	0.95	45	2.89	0.66	0.82	0.98	42	3.32	0.68	0.85	1				
71°F	1070	48.5	2.16	0.45	0.56	0.67	46	2.51	0.45	0.57	0.68	44	2.89	0.46	0.58	0.7	41.5	3.32	0.46	0.59	0.72				
	1290	50.5	2.16	0.46	0.58	0.71	48.5	2.51	0.46	0.59	0.72	46	2.89	0.47	0.61	0.74	43	3.32	0.47	0.62	0.77				
	1565	53	2.15	0.47	0.62	0.75	50.5	2.51	0.48	0.63	0.78	47.5	2.89	0.49	0.65	0.8	45	3.32	0.49	0.66	0.83				

XP16-060-230-05 - CX34-62D-6F + SLP98UH135V60D - (2nd Stage)

Entering Wet Bulb Temperature	Total Air Volume cfm	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb			Total Cool Cap.	Comp Motor Input	Sensible to Total Ratio (S/T) Dry Bulb						
				75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F			75°F	80°F	85°F				
63°F	1565	57.5	3.59	0.73	0.86	0.98	55	4.02	0.75	0.88	1	52.5	4.53	0.76	0.9	1	49	5.11	0.78	0.93	1				
	1805	59.5	3.62	0.76	0.9	1	57	4.05	0.78	0.92	1	54	4.55	0.8	0.95	1	50.5	5.14	0.82	0.98	1				
	2070	61.5	3.64	0.79	0.94	1	58.5	4.07	0.81	0.97	1	55.5	4.58	0.83	0.99	1	52	5.16	0.86	1	1				
67°F	1565	60.5	3.63	0.59	0.71	0.83	58	4.07	0.6	0.73	0.84	55	4.57	0.61	0.74	0.87	52	5.15	0.62	0.76	0.89				
	1805	62.5	3.66	0.61	0.74	0.86	60	4.09	0.62	0.75	0.89	57	4.6	0.63	0.77	0.91	53.5	5.18	0.64	0.79	0.94				
	2070	64.5	3.68	0.63	0.77	0.91	61.5	4.12	0.64	0.79	0.93	58.5	4.62	0.65	0.81	0.96	55	5.2	0.67	0.83	0.99				
71°F	1565	63	3.66	0.46	0.57	0.69	60.5	4.1	0.46	0.58	0.7	57.5	4.61	0.47	0.59	0.71	54	5.19	0.47	0.61	0.73				
	1805	65	3.69	0.47	0.59	0.71	62.5	4.13	0.47	0.6	0.73	59.5	4.64	0.48	0.62	0.75	56	5.22	0.49	0.63	0.77				
	2070	67	3.72	0.48	0.62	0.75	64	4.15	0.49	0.63	0.76	61	4.66	0.49	0.64	0.78	57.5	5.24	0.5	0.66	0.81				

XP16-060-230-05 - CX34-62D-6F + SLP98UH135V60D - (1st Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil							
	65°F		60°F		55°F		50°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1068	43	3.41	40.7	3.36	38.5	3.31	36.2	3.26
1292	43.8	3.15	41.5	3.1	39.3	3.05	37.1	3
1565	44.8	2.95	42.6	2.9	40.4	2.86	38.1	2.81

XP16-060-230-05 - CX34-62D-6F + SLP98UH135V60D - (2nd Stage)

Indoor Coil Air Volume 70°F Dry Bulb	Air Temperature Entering Outdoor Coil									
	65°F		45°F		25°F		5°F		-15°F	
	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input	Total Heating Capacity	Comp. Motor Input
cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW
1565	63	4.69	50	4.24	36.1	3.78	26.8	3.3	13.1	2.47
1805	64	4.5	50.9	4.05	37.1	3.59	27.8	3.11	14	2.29
2070	65	4.33	51.9	3.88	38.1	3.42	28.8	2.94	15.1	2.12

**XP16-060-230-05 - CX34-62D-6F + SLP98UH135V60D
HEATING PERFORMANCE at 1805 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.5	64
60	4.39	61
55	4.29	58
50	4.18	55
47	4.11	53.2
45	4.05	50.9
40	3.9	45
35	3.75	39.2
30	3.67	38.1
25	3.59	37.1
20	3.51	36
17	3.47	35.4
15	3.42	34.2
10	3.32	31.2
5	3.11	27.8
0	2.9	24.3
-5	2.7	20.9
-10	2.49	17.5
-15	2.29	14
-20	2.08	10.6