



XP13

EXPANDED RATING TABLES

PRODUCT SPECIFICATIONS

June 2011
Bulletin No. 210432R



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.

XP13-018-230-08 - CBX26UH-018

Entering Wet Bulb Temper- ature	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
63°F	600	19	1.12	0.77	0.92	1	18.1	1.28	0.79	0.95	1	17	1.45	0.82	0.98	1	15.9	1.66	0.85	1	1
	600	19	1.12	0.77	0.92	1	18.1	1.28	0.79	0.95	1	17	1.45	0.82	0.98	1	15.9	1.66	0.85	1	1
	840	20.6	1.12	0.86	1	1	19.6	1.28	0.89	1	1	18.6	1.47	0.93	1	1	17.4	1.67	0.97	1	1
67°F	600	20.2	1.12	0.61	0.75	0.88	19.2	1.28	0.62	0.77	0.91	18.1	1.46	0.63	0.79	0.95	16.8	1.67	0.65	0.83	0.98
	600	20.2	1.12	0.61	0.75	0.88	19.2	1.28	0.62	0.77	0.91	18.1	1.46	0.63	0.79	0.95	16.8	1.67	0.65	0.83	0.98
	840	21.4	1.12	0.66	0.83	0.99	20.2	1.29	0.68	0.87	1	19.1	1.47	0.7	0.9	1	17.7	1.67	0.73	0.94	1
71°F	600	21.4	1.12	0.46	0.6	0.72	20.4	1.29	0.46	0.61	0.74	19.2	1.47	0.47	0.62	0.77	17.9	1.67	0.47	0.64	0.8
	600	21.4	1.12	0.46	0.6	0.72	20.4	1.29	0.46	0.61	0.74	19.2	1.47	0.47	0.62	0.77	17.9	1.67	0.47	0.64	0.8
	840	22.6	1.13	0.48	0.65	0.81	21.6	1.3	0.49	0.67	0.84	20.2	1.48	0.5	0.69	0.88	18.8	1.68	0.51	0.71	0.92

XP13-018-230-08 - CBX26UH-018

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
600	21	1.2	16.6	1.14	12	1.07	8.7	0.97	4.4	0.7
600	21	1.2	16.6	1.14	12	1.07	8.7	0.97	4.4	0.7
838	21.7	1.11	17.3	1.05	12.7	0.99	9.4	0.88	5.1	0.61

XP13-018-230-08 - CBX26UH-018

HEATING PERFORMANCE at 600 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.2	21
60	1.18	20
55	1.17	19
50	1.15	18
47	1.14	17.3
45	1.14	16.6
40	1.12	14.9
35	1.1	13.1
30	1.09	12.6
25	1.07	12
20	1.06	11.5
17	1.05	11.2
15	1.05	10.8
10	1.03	9.7
5	0.97	8.7
0	0.9	7.6
-5	0.83	6.5
-10	0.77	5.5
-15	0.7	4.4
-20	0.63	3.4

XP13-018-230-08 - CBX27UH-024

Entering Wet Bulb Temper- ature	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
63°F	600	19.4	1.17	0.78	0.94	1	18.3	1.34	0.8	0.97	1	17.2	1.53	0.83	0.99	1	16	1.76	0.86	1	1
	600	19.4	1.17	0.78	0.94	1	18.3	1.34	0.8	0.97	1	17.2	1.53	0.83	0.99	1	16	1.76	0.86	1	1
	780	20.6	1.17	0.86	1	1	19.6	1.35	0.88	1	1	18.5	1.54	0.92	1	1	17.2	1.76	0.96	1	1
67°F	600	20.6	1.18	0.61	0.76	0.9	19.5	1.34	0.62	0.78	0.93	18.2	1.54	0.64	0.8	0.96	16.8	1.76	0.66	0.84	1
	600	20.6	1.18	0.61	0.76	0.9	19.5	1.34	0.62	0.78	0.93	18.2	1.54	0.64	0.8	0.96	16.8	1.76	0.66	0.84	1
	780	21.8	1.18	0.65	0.83	0.99	20.4	1.35	0.67	0.86	1	19.1	1.54	0.69	0.89	1	17.6	1.76	0.72	0.94	1
71°F	600	21.8	1.18	0.45	0.59	0.73	20.6	1.35	0.46	0.61	0.75	19.4	1.54	0.46	0.62	0.78	17.9	1.76	0.47	0.64	0.81
	600	21.8	1.18	0.45	0.59	0.73	20.6	1.35	0.46	0.61	0.75	19.4	1.54	0.46	0.62	0.78	17.9	1.76	0.47	0.64	0.81
	780	23	1.18	0.47	0.64	0.81	21.6	1.35	0.48	0.66	0.84	20.2	1.55	0.49	0.68	0.87	18.7	1.77	0.5	0.71	0.91

XP13-018-230-08 - CBX27UH-024

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
600	20.9	1.16	16.4	1.11	11.8	1.05	8.4	0.94	4.3	0.68
600	20.9	1.16	16.4	1.11	11.8	1.05	8.4	0.94	4.3	0.68
780	21.4	1.09	17	1.03	12.3	0.98	8.9	0.87	4.8	0.61

XP13-018-230-08 - CBX27UH-024

HEATING PERFORMANCE at 600 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.16	20.9
60	1.15	19.9
55	1.13	18.8
50	1.12	17.8
47	1.11	17.2
45	1.11	16.4
40	1.09	14.7
35	1.07	12.9
30	1.06	12.4
25	1.05	11.8
20	1.04	11.2
17	1.03	10.9
15	1.02	10.5
10	1.01	9.5
5	0.94	8.4
0	0.88	7.4
-5	0.81	6.4
-10	0.75	5.3
-15	0.68	4.3
-20	0.62	3.3

XP13-018-230-08 - CBX32M-018/024

Entering Wet Bulb Temper- ature	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
63°F	590	19.3	1.16	0.77	0.92	1	18.2	1.33	0.79	0.95	1	17.1	1.52	0.82	0.98	1	15.9	1.74	0.85	1	1
	590	19.3	1.16	0.77	0.92	1	18.2	1.33	0.79	0.95	1	17.1	1.52	0.82	0.98	1	15.9	1.74	0.85	1	1
	745	20.2	1.17	0.83	0.99	1	19.2	1.33	0.86	1	1	18.2	1.52	0.89	1	1	17	1.75	0.93	1	1
67°F	590	20.6	1.16	0.61	0.75	0.88	19.4	1.33	0.61	0.77	0.91	18.2	1.52	0.63	0.79	0.94	16.9	1.74	0.65	0.82	0.98
	590	20.6	1.16	0.61	0.75	0.88	19.4	1.33	0.61	0.77	0.91	18.2	1.52	0.63	0.79	0.94	16.9	1.74	0.65	0.82	0.98
	745	21.4	1.17	0.64	0.81	0.97	20.2	1.33	0.66	0.83	0.99	18.9	1.52	0.67	0.86	1	17.5	1.75	0.7	0.9	1
71°F	590	21.6	1.17	0.45	0.59	0.72	20.4	1.34	0.46	0.6	0.74	19.3	1.53	0.46	0.61	0.76	17.9	1.75	0.47	0.64	0.8
	590	21.6	1.17	0.45	0.59	0.72	20.4	1.34	0.46	0.6	0.74	19.3	1.53	0.46	0.61	0.76	17.9	1.75	0.47	0.64	0.8
	745	22.6	1.17	0.47	0.63	0.78	21.4	1.34	0.48	0.64	0.81	20	1.53	0.48	0.66	0.84	18.6	1.76	0.49	0.69	0.88

XP13-018-230-08 - CBX32M-018/024

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
590	21.2	1.2	16.8	1.13	12.1	1.07	8.8	0.96	4.5	0.7
590	21.2	1.2	16.8	1.13	12.1	1.07	8.8	0.96	4.5	0.7
745	21.7	1.13	17.2	1.07	12.6	1	9.3	0.9	5	0.63

XP13-018-230-08 - CBX32M-018/024

HEATING PERFORMANCE at 590 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.2	21.2
60	1.18	20.1
55	1.17	19.1
50	1.15	18.1
47	1.14	17.5
45	1.13	16.8
40	1.12	15
35	1.1	13.2
30	1.08	12.7
25	1.07	12.1
20	1.06	11.6
17	1.05	11.3
15	1.04	10.9
10	1.03	9.8
5	0.96	8.8
0	0.9	7.7
-5	0.83	6.6
-10	0.76	5.5
-15	0.7	4.5
-20	0.63	3.4

XP13-018-230-08 - CBX32MV-018/024

Entering Wet Bulb Temper- ature	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
63°F	465	18.2	1.16	0.72	0.85	0.97	17.3	1.33	0.74	0.87	1	16.2	1.52	0.76	0.9	1	15	1.74	0.78	0.94	1
	620	19.5	1.16	0.79	0.94	1	18.4	1.33	0.8	0.96	1	17.3	1.52	0.83	0.99	1	16.2	1.74	0.86	1	1
	690	20	1.16	0.81	0.97	1	18.9	1.33	0.83	0.99	1	17.8	1.52	0.86	1	1	16.7	1.74	0.9	1	1
67°F	465	19.4	1.16	0.58	0.7	0.82	18.4	1.33	0.58	0.71	0.84	17.3	1.52	0.59	0.73	0.86	16.1	1.74	0.61	0.76	0.9
	620	20.6	1.17	0.61	0.76	0.9	19.6	1.33	0.62	0.78	0.93	18.3	1.52	0.64	0.81	0.96	17	1.75	0.66	0.84	1
	690	21.2	1.16	0.63	0.79	0.94	20	1.33	0.64	0.81	0.97	18.7	1.52	0.66	0.84	0.99	17.3	1.74	0.68	0.87	1
71°F	465	20.4	1.16	0.44	0.56	0.67	19.4	1.33	0.44	0.57	0.69	18.3	1.52	0.45	0.58	0.7	17.1	1.74	0.45	0.59	0.73
	620	21.8	1.17	0.46	0.6	0.73	20.6	1.34	0.46	0.61	0.76	19.5	1.53	0.47	0.63	0.78	18.1	1.75	0.47	0.65	0.81
	690	22.2	1.17	0.47	0.62	0.76	21	1.34	0.47	0.63	0.79	19.8	1.53	0.48	0.65	0.81	18.4	1.75	0.48	0.67	0.85

XP13-018-230-08 - CBX32MV-018/024

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
465	20.4	1.28	16	1.22	11.3	1.16	7.9	1.06	3.7	0.79
620	21	1.18	16.6	1.12	12	1.06	8.6	0.96	4.4	0.69
690	21.3	1.15	16.9	1.09	12.2	1.03	8.8	0.93	4.6	0.66

XP13-018-230-08 - CBX32MV-018/024

HEATING PERFORMANCE at 620 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.18	21
60	1.16	20
55	1.15	19
50	1.14	17.9
47	1.13	17.3
45	1.12	16.6
40	1.1	14.8
35	1.09	13.1
30	1.07	12.5
25	1.06	12
20	1.05	11.4
17	1.04	11.1
15	1.04	10.7
10	1.02	9.6
5	0.96	8.6
0	0.89	7.5
-5	0.82	6.5
-10	0.76	5.4
-15	0.69	4.4
-20	0.63	3.3

XP13-018-230-08 - CBX32MV-024/030

Entering Wet Bulb Temper- ature	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
63°F	540	19	1.17	0.76	0.9	1	17.9	1.34	0.78	0.93	1	16.7	1.53	0.8	0.96	1	15.5	1.76	0.83	1	1
	600	19.4	1.17	0.78	0.94	1	18.3	1.34	0.8	0.97	1	17.2	1.53	0.83	0.99	1	16	1.76	0.86	1	1
	660	19.8	1.17	0.81	0.97	1	18.7	1.34	0.83	0.99	1	17.6	1.54	0.86	1	1	16.5	1.76	0.9	1	1
67°F	540	20.2	1.17	0.59	0.73	0.86	19	1.35	0.6	0.75	0.89	17.8	1.54	0.62	0.77	0.92	16.5	1.76	0.64	0.8	0.96
	600	20.6	1.18	0.61	0.76	0.9	19.5	1.34	0.62	0.78	0.93	18.2	1.54	0.64	0.8	0.96	16.8	1.76	0.66	0.84	1
	660	21	1.17	0.62	0.78	0.93	19.9	1.34	0.64	0.8	0.97	18.5	1.54	0.65	0.83	1	17.2	1.76	0.68	0.87	1
71°F	540	21.4	1.17	0.45	0.58	0.7	20.2	1.35	0.45	0.59	0.72	18.9	1.54	0.46	0.6	0.75	17.6	1.76	0.46	0.62	0.78
	600	21.8	1.18	0.45	0.59	0.73	20.6	1.35	0.46	0.61	0.75	19.4	1.54	0.46	0.62	0.78	17.9	1.76	0.47	0.64	0.81
	660	22.4	1.18	0.46	0.61	0.76	21	1.35	0.46	0.62	0.78	19.7	1.54	0.47	0.64	0.81	18.2	1.76	0.48	0.67	0.84

XP13-018-230-08 - CBX32MV-024/030

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
540	20.8	1.2	16.4	1.14	11.7	1.08	8.3	0.98	4.1	0.72
600	21.1	1.16	16.6	1.11	12	1.05	8.6	0.94	4.4	0.68
660	21.4	1.13	16.9	1.08	12.2	1.02	8.9	0.92	4.7	0.66

XP13-018-230-08 - CBX32MV-024/030

HEATING PERFORMANCE at 600 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.16	21.1
60	1.15	20
55	1.13	19
50	1.12	18
47	1.11	17.3
45	1.11	16.6
40	1.09	14.8
35	1.07	13.1
30	1.06	12.5
25	1.05	12
20	1.04	11.4
17	1.03	11.1
15	1.02	10.7
10	1.01	9.6
5	0.94	8.6
0	0.88	7.5
-5	0.81	6.5
-10	0.75	5.4
-15	0.68	4.4
-20	0.62	3.3

XP13-018-230-08 - CBX40UHV-024

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
63°F	560	19.2	1.27	0.77	0.91	1	18.1	1.45	0.79	0.94	1	16.9	1.67	0.81	0.98	1	15.7	1.91	0.84	1	1
	620	19.7	1.27	0.79	0.95	1	18.5	1.46	0.81	0.98	1	17.3	1.67	0.84	1	1	16.2	1.91	0.88	1	1
	690	20.2	1.27	0.82	0.99	1	19	1.46	0.84	1	1	17.9	1.67	0.88	1	1	16.8	1.91	0.92	1	1
67°F	560	20.4	1.27	0.6	0.74	0.88	19.3	1.46	0.61	0.76	0.9	18	1.67	0.62	0.78	0.94	16.7	1.9	0.64	0.82	0.98
	620	21	1.27	0.61	0.76	0.91	19.7	1.45	0.63	0.79	0.94	18.4	1.67	0.64	0.81	0.98	17	1.92	0.66	0.85	1
	690	21.4	1.27	0.63	0.8	0.95	20.2	1.45	0.65	0.82	0.98	18.8	1.67	0.66	0.85	1	17.4	1.91	0.69	0.89	1
71°F	560	21.6	1.27	0.45	0.58	0.71	20.4	1.45	0.45	0.59	0.73	19.2	1.66	0.46	0.61	0.76	17.8	1.9	0.47	0.63	0.79
	620	22.2	1.27	0.45	0.6	0.74	21	1.45	0.46	0.61	0.76	19.6	1.67	0.47	0.63	0.79	18.1	1.91	0.48	0.65	0.82
	690	22.6	1.27	0.46	0.62	0.77	21.4	1.46	0.47	0.63	0.79	20	1.67	0.48	0.65	0.82	18.5	1.91	0.49	0.68	0.86

XP13-018-230-08 - CBX40UHV-024

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
560	21	1.17	16.5	1.12	11.8	1.07	8.4	0.97	4.1	0.71
620	21.3	1.14	16.8	1.09	12.1	1.03	8.7	0.93	4.4	0.68
690	21.5	1.11	17	1.06	12.3	1	8.9	0.9	4.6	0.65

XP13-018-230-08 - CBX40UHV-024

HEATING PERFORMANCE at 620 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.14	21.3
60	1.13	20.2
55	1.11	19.2
50	1.1	18.1
47	1.09	17.5
45	1.09	16.8
40	1.07	15
35	1.06	13.2
30	1.04	12.6
25	1.03	12.1
20	1.02	11.5
17	1.02	11.2
15	1.01	10.8
10	1	9.7
5	0.93	8.7
0	0.87	7.6
-5	0.81	6.5
-10	0.74	5.5
-15	0.68	4.4
-20	0.61	3.4

XP13-018-230-08 - CH33-25A-2F

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
63°F	525	18.6	1.1	0.74	0.87	1	17.7	1.26	0.76	0.9	1	16.7	1.44	0.78	0.93	1	15.6	1.64	0.8	0.96	1
	600	19.2	1.11	0.77	0.91	1	18.2	1.26	0.78	0.94	1	17.2	1.44	0.8	0.97	1	16	1.64	0.83	1	1
	675	19.6	1.11	0.79	0.94	1	18.6	1.26	0.8	0.97	1	17.5	1.44	0.83	1	1	16.5	1.64	0.86	1	1
67°F	525	19.6	1.11	0.59	0.71	0.84	18.6	1.26	0.6	0.73	0.86	17.6	1.44	0.61	0.75	0.89	16.5	1.64	0.63	0.78	0.92
	600	20.2	1.11	0.6	0.74	0.88	19.2	1.27	0.61	0.76	0.9	18.1	1.45	0.63	0.78	0.93	16.9	1.64	0.64	0.81	0.97
	675	20.6	1.11	0.62	0.76	0.91	19.6	1.27	0.63	0.78	0.94	18.5	1.45	0.64	0.8	0.97	17.3	1.65	0.65	0.84	1
71°F	525	20.4	1.11	0.45	0.58	0.69	19.4	1.27	0.46	0.58	0.71	18.4	1.45	0.45	0.59	0.73	17.2	1.65	0.46	0.61	0.75
	600	20.8	1.11	0.46	0.59	0.72	19.9	1.27	0.47	0.59	0.74	18.8	1.45	0.46	0.61	0.76	17.7	1.65	0.48	0.63	0.78
	675	21	1.11	0.47	0.6	0.74	20.2	1.27	0.48	0.61	0.76	19.1	1.45	0.48	0.63	0.78	18	1.65	0.49	0.65	0.81

XP13-018-230-08 - CH33-25A-2F

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
525	20.9	1.25	16.5	1.18	11.9	1.12	8.5	1.01	4.2	0.75
600	21.2	1.2	16.8	1.14	12.2	1.08	8.8	0.97	4.5	0.7
675	21.5	1.16	17.1	1.1	12.5	1.04	9.1	0.93	4.8	0.66

XP13-018-230-08 - CH33-25A-2F

HEATING PERFORMANCE at 600 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.2	21.2
60	1.18	20.1
55	1.17	19.1
50	1.15	18.1
47	1.14	17.5
45	1.14	16.8
40	1.12	15
35	1.1	13.2
30	1.09	12.7
25	1.08	12.2
20	1.06	11.7
17	1.05	11.3
15	1.05	10.9
10	1.03	9.9
5	0.97	8.8
0	0.9	7.7
-5	0.83	6.7
-10	0.77	5.6
-15	0.7	4.5
-20	0.63	3.4

XP13-018-230-08 - CH33-36A-2F

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
63°F	525	18.6	1.1	0.75	0.88	1	17.7	1.26	0.77	0.9	1	16.7	1.44	0.79	0.93	1	15.6	1.64	0.81	0.97	1
	600	19.2	1.1	0.77	0.91	1	18.2	1.26	0.79	0.94	1	17.1	1.44	0.81	0.97	1	16	1.64	0.84	1	1
	675	19.6	1.11	0.8	0.95	1	18.6	1.26	0.81	0.98	1	17.5	1.44	0.84	1	1	16.5	1.64	0.88	1	1
67°F	525	19.5	1.11	0.6	0.72	0.84	18.6	1.26	0.6	0.74	0.87	17.6	1.44	0.62	0.76	0.89	16.5	1.64	0.64	0.78	0.93
	600	20.2	1.11	0.61	0.75	0.88	19.2	1.27	0.63	0.77	0.9	18.1	1.45	0.64	0.79	0.93	16.9	1.64	0.66	0.81	0.97
	675	20.6	1.11	0.63	0.77	0.91	19.5	1.27	0.64	0.79	0.94	18.4	1.45	0.65	0.81	0.97	17.3	1.65	0.67	0.85	1
71°F	525	20.4	1.11	0.47	0.59	0.7	19.4	1.27	0.47	0.59	0.71	18.4	1.45	0.47	0.6	0.73	17.3	1.65	0.48	0.62	0.76
	600	20.8	1.11	0.48	0.6	0.72	19.9	1.27	0.48	0.61	0.74	18.9	1.45	0.49	0.63	0.76	17.7	1.65	0.49	0.64	0.79
	675	21.2	1.11	0.49	0.61	0.75	20.2	1.27	0.49	0.62	0.77	19.2	1.45	0.5	0.64	0.79	18	1.65	0.5	0.66	0.82

XP13-018-230-08 - CH33-36A-2F

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
525	20.7	1.29	16.3	1.22	11.7	1.15	8.4	1.03	4.1	0.76
600	21	1.24	16.6	1.17	12.1	1.1	8.7	0.99	4.4	0.71
675	21.3	1.2	16.9	1.13	12.4	1.06	9	0.95	4.7	0.68

XP13-018-230-08 - CH33-36A-2F

HEATING PERFORMANCE at 600 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.24	21
60	1.22	20
55	1.21	19
50	1.19	18
47	1.18	17.4
45	1.17	16.6
40	1.15	14.9
35	1.13	13.1
30	1.12	12.6
25	1.1	12.1
20	1.09	11.6
17	1.08	11.2
15	1.07	10.8
10	1.05	9.8
5	0.99	8.7
0	0.92	7.7
-5	0.85	6.6
-10	0.78	5.5
-15	0.71	4.4
-20	0.65	3.4

XP13-018-230-08 - CR33-30/36A/B/C-F

Entering Wet Bulb Temper- ature	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
63°F	525	18.7	1.1	0.77	0.91	1	17.7	1.25	0.79	0.94	1	16.6	1.43	0.81	0.97	1	15.4	1.63	0.84	1	1
	600	19.3	1.1	0.8	0.95	1	18.3	1.26	0.82	0.98	1	17.2	1.43	0.85	1	1	16.1	1.63	0.89	1	1
	675	19.8	1.1	0.83	0.99	1	18.8	1.26	0.86	1	1	17.8	1.44	0.89	1	1	16.6	1.63	0.93	1	1
67°F	525	19.8	1.1	0.61	0.74	0.87	18.8	1.26	0.62	0.76	0.9	17.6	1.43	0.64	0.79	0.93	16.4	1.63	0.65	0.82	0.97
	600	20.4	1.1	0.63	0.78	0.92	19.3	1.26	0.64	0.8	0.95	18.1	1.44	0.66	0.83	0.98	16.7	1.63	0.68	0.86	1
	675	20.8	1.11	0.65	0.81	0.96	19.7	1.27	0.67	0.83	0.99	18.4	1.44	0.68	0.86	1	17.1	1.64	0.71	0.91	1
71°F	525	21	1.11	0.47	0.59	0.72	19.8	1.27	0.47	0.61	0.74	18.6	1.44	0.48	0.62	0.76	17.3	1.64	0.49	0.64	0.79
	600	21.6	1.11	0.48	0.62	0.75	20.4	1.27	0.48	0.63	0.78	19.2	1.45	0.49	0.65	0.8	17.7	1.64	0.5	0.67	0.84
	675	22	1.11	0.49	0.64	0.78	20.8	1.27	0.49	0.65	0.81	19.5	1.45	0.5	0.67	0.84	18.1	1.65	0.51	0.7	0.88

XP13-018-230-08 - CR33-30/36A/B/C-F

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
525	21.6	1.25	16.8	1.18	11.9	1.11	8.3	1	4.1	0.74
600	21.9	1.2	17.2	1.14	12.3	1.07	8.7	0.95	4.4	0.69
675	22.2	1.17	17.4	1.1	12.5	1.03	8.9	0.92	4.7	0.66

**XP13-018-230-08 - CR33-30/36A/B/C-F
HEATING PERFORMANCE at 600 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.2	21.9
60	1.19	20.8
55	1.17	19.7
50	1.15	18.6
47	1.14	17.9
45	1.14	17.2
40	1.12	15.4
35	1.1	13.5
30	1.08	12.9
25	1.07	12.3
20	1.05	11.6
17	1.04	11.3
15	1.04	10.8
10	1.02	9.7
5	0.95	8.7
0	0.89	7.6
-5	0.82	6.5
-10	0.76	5.5
-15	0.69	4.4
-20	0.63	3.4

XP13-018-230-08 - CX34-25A-6F

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
63°F	525	19	1.14	0.76	0.88	1	18.1	1.31	0.77	0.91	1	17.1	1.49	0.79	0.94	1	15.9	1.7	0.82	0.97	1
	600	19.6	1.14	0.78	0.92	1	18.6	1.31	0.8	0.95	1	17.5	1.49	0.82	0.98	1	16.4	1.71	0.85	1	1
	675	20	1.14	0.81	0.96	1	19	1.31	0.83	0.98	1	18	1.5	0.85	1	1	17	1.71	0.89	1	1
67°F	525	20	1.14	0.6	0.73	0.85	19	1.31	0.61	0.75	0.87	18	1.49	0.63	0.77	0.9	16.9	1.71	0.65	0.79	0.94
	600	20.6	1.15	0.62	0.76	0.89	19.6	1.31	0.63	0.77	0.91	18.5	1.5	0.65	0.8	0.95	17.3	1.71	0.66	0.82	0.98
	675	21.2	1.15	0.63	0.78	0.93	20	1.31	0.65	0.8	0.95	18.9	1.5	0.66	0.83	0.98	17.7	1.71	0.68	0.86	1
71°F	525	20.8	1.14	0.47	0.59	0.7	19.9	1.31	0.47	0.6	0.72	18.8	1.5	0.47	0.61	0.74	17.7	1.72	0.48	0.63	0.77
	600	21.4	1.15	0.48	0.6	0.73	20.4	1.32	0.48	0.62	0.75	19.4	1.5	0.49	0.63	0.77	18.1	1.71	0.5	0.65	0.8
	675	22	1.15	0.49	0.62	0.76	21	1.32	0.49	0.64	0.78	19.8	1.5	0.5	0.65	0.8	18.5	1.72	0.5	0.67	0.84

XP13-018-230-08 - CX34-25A-6F

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
525	20.7	1.28	16.4	1.22	11.9	1.15	8.6	1.04	4.2	0.77
600	21	1.24	16.7	1.17	12.2	1.11	8.9	0.99	4.5	0.72
675	21.3	1.2	17	1.13	12.5	1.07	9.2	0.95	4.8	0.68

XP13-018-230-08 - CX34-25A-6F

HEATING PERFORMANCE at 600 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.24	21
60	1.22	20
55	1.2	19
50	1.19	18
47	1.18	17.4
45	1.17	16.7
40	1.15	14.9
35	1.13	13.2
30	1.12	12.7
25	1.11	12.2
20	1.09	11.7
17	1.08	11.4
15	1.08	11
10	1.06	10
5	0.99	8.9
0	0.92	7.8
-5	0.86	6.7
-10	0.79	5.6
-15	0.72	4.5
-20	0.65	3.4

XP13-024-230-08 - CBX26UH-024

Entering Wet Bulb Temper- ature	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
63°F	655	23.4	1.47	0.76	0.9	1	22.2	1.68	0.78	0.93	1	20.8	1.92	0.8	0.96	1	19.4	2.17	0.83	0.99	1
	800	24.6	1.47	0.8	0.97	1	23.2	1.68	0.83	0.99	1	21.8	1.92	0.85	1	1	20.4	2.16	0.89	1	1
	875	25	1.46	0.83	0.99	1	23.8	1.67	0.85	1	1	22.4	1.91	0.88	1	1	21	2.16	0.92	1	1
67°F	655	25	1.46	0.6	0.73	0.86	23.8	1.68	0.61	0.75	0.89	22.2	1.91	0.62	0.77	0.92	20.6	2.16	0.64	0.8	0.96
	800	26.2	1.45	0.62	0.78	0.93	24.8	1.67	0.64	0.8	0.96	23.2	1.91	0.65	0.83	0.99	21.4	2.15	0.68	0.87	1
	875	26.6	1.45	0.64	0.8	0.96	25	1.67	0.65	0.83	0.99	23.6	1.9	0.67	0.86	1	21.6	2.15	0.7	0.9	1
71°F	655	26.6	1.45	0.45	0.58	0.71	25.2	1.66	0.45	0.59	0.73	23.6	1.9	0.46	0.61	0.75	22	2.15	0.47	0.63	0.78
	800	27.8	1.44	0.46	0.61	0.76	26.2	1.65	0.47	0.63	0.78	24.6	1.89	0.47	0.64	0.81	22.8	2.14	0.48	0.67	0.84
	875	28.2	1.43	0.47	0.63	0.78	26.6	1.65	0.47	0.64	0.81	25	1.88	0.48	0.66	0.84	23	2.13	0.49	0.69	0.88

XP13-024-230-08 - CBX26UH-024

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
656	25.4	1.54	20.1	1.47	14.4	1.39	10.4	1.27	5.1	0.94
800	25.9	1.46	20.5	1.39	14.9	1.31	10.9	1.19	5.5	0.86
873	26.1	1.43	20.8	1.36	15.2	1.28	11.2	1.16	5.8	0.83

XP13-024-230-08 - CBX26UH-024

HEATING PERFORMANCE at 800 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.46	25.9
60	1.44	24.6
55	1.42	23.4
50	1.41	22.2
47	1.4	21.4
45	1.39	20.5
40	1.36	18.3
35	1.33	16
30	1.32	15.5
25	1.31	14.9
20	1.3	14.3
17	1.3	14
15	1.29	13.5
10	1.27	12.3
5	1.19	10.9
0	1.11	9.6
-5	1.03	8.2
-10	0.94	6.9
-15	0.86	5.5
-20	0.78	4.2

XP13-024-230-08 - CBX27UH-024

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
63°F	670	24.2	1.56	0.76	0.91	1	22.8	1.8	0.78	0.94	1	21.4	2.05	0.8	0.97	1	19.8	2.31	0.83	1	1
	800	25	1.56	0.81	0.97	1	23.6	1.79	0.83	0.99	1	22.2	2.05	0.86	1	1	20.8	2.31	0.89	1	1
	930	25.8	1.55	0.85	1	1	24.6	1.79	0.88	1	1	23.2	2.04	0.91	1	1	21.6	2.3	0.95	1	1
67°F	670	25.6	1.56	0.6	0.74	0.87	24.2	1.79	0.61	0.76	0.9	22.8	2.04	0.62	0.78	0.93	21	2.31	0.64	0.81	0.97
	800	26.6	1.55	0.62	0.78	0.94	25.2	1.78	0.64	0.8	0.96	23.4	2.04	0.65	0.83	0.99	21.6	2.3	0.68	0.87	1
	930	27.2	1.54	0.65	0.83	0.99	25.8	1.78	0.67	0.85	1	24	2.03	0.69	0.88	1	22.2	2.3	0.71	0.93	1
71°F	670	27	1.54	0.45	0.58	0.71	25.6	1.78	0.45	0.59	0.73	24	2.03	0.46	0.61	0.75	22.2	2.29	0.47	0.63	0.78
	800	28	1.53	0.46	0.61	0.76	26.6	1.77	0.47	0.62	0.78	24.8	2.03	0.47	0.64	0.81	23	2.28	0.48	0.67	0.84
	930	28.8	1.52	0.47	0.64	0.8	27.2	1.76	0.48	0.66	0.83	25.4	2.01	0.49	0.68	0.86	23.4	2.27	0.5	0.7	0.91

XP13-024-230-08 - CBX27UH-024

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	25.1	1.47	19.8	1.41	14.2	1.34	10.2	1.23	5	0.91
800	25.5	1.4	20.2	1.34	14.6	1.28	10.6	1.17	5.4	0.84
930	25.9	1.36	20.6	1.29	15	1.23	11	1.12	5.8	0.8

XP13-024-230-08 - CBX27UH-024

HEATING PERFORMANCE at 800 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.4	25.5
60	1.39	24.3
55	1.37	23.1
50	1.36	21.8
47	1.35	21.1
45	1.34	20.2
40	1.32	18
35	1.29	15.7
30	1.28	15.2
25	1.28	14.6
20	1.27	14
17	1.27	13.7
15	1.26	13.2
10	1.25	12
5	1.17	10.6
0	1.09	9.3
-5	1	8
-10	0.92	6.7
-15	0.84	5.4
-20	0.76	4.1

XP13-024-230-08 - CBX27UH-030

Entering Wet Bulb Temper- ature	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
63°F	655	24	1.65	0.76	0.9	1	22.6	1.9	0.78	0.93	1	21.2	2.16	0.8	0.96	1	19.7	2.42	0.83	1	1
	800	25.2	1.64	0.81	0.97	1	23.8	1.89	0.83	0.99	1	22.4	2.15	0.86	1	1	20.8	2.41	0.9	1	1
	1030	26.8	1.63	0.89	1	1	25.4	1.87	0.92	1	1	24	2.13	0.95	1	1	22.4	2.39	0.99	1	1
67°F	655	25.6	1.64	0.59	0.73	0.87	24.2	1.88	0.61	0.75	0.89	22.6	2.15	0.62	0.77	0.93	20.8	2.41	0.64	0.81	0.97
	800	26.8	1.63	0.62	0.78	0.94	25.2	1.88	0.64	0.81	0.97	23.6	2.14	0.65	0.83	1	21.6	2.4	0.68	0.87	1
	1030	28	1.62	0.67	0.86	1	26.2	1.86	0.69	0.89	1	24.6	2.12	0.71	0.93	1	22.4	2.39	0.74	0.97	1
71°F	655	27.2	1.63	0.45	0.58	0.71	25.6	1.87	0.45	0.59	0.73	24	2.14	0.46	0.6	0.75	22.2	2.39	0.46	0.62	0.78
	800	28.2	1.61	0.46	0.61	0.76	26.6	1.86	0.47	0.63	0.78	25	2.12	0.47	0.64	0.81	23	2.38	0.48	0.67	0.85
	1030	29.6	1.59	0.48	0.66	0.84	27.8	1.84	0.49	0.68	0.87	26	2.1	0.5	0.7	0.91	23.8	2.36	0.51	0.74	0.96

XP13-024-230-08 - CBX27UH-030

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
655	25.1	1.46	19.8	1.4	14.2	1.34	10.3	1.24	5	0.91
800	25.5	1.39	20.1	1.33	14.6	1.27	10.6	1.16	5.4	0.84
1030	26.2	1.31	20.9	1.26	15.3	1.2	11.3	1.09	6.1	0.77

XP13-024-230-08 - CBX27UH-030

HEATING PERFORMANCE at 800 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.39	25.5
60	1.37	24.2
55	1.36	23
50	1.35	21.8
47	1.34	21
45	1.33	20.1
40	1.3	17.9
35	1.28	15.7
30	1.27	15.1
25	1.27	14.6
20	1.26	14
17	1.26	13.7
15	1.25	13.2
10	1.24	11.9
5	1.16	10.6
0	1.08	9.3
-5	1	8
-10	0.92	6.7
-15	0.84	5.4
-20	0.76	4.1

XP13-024-230-08 - CBX32M-030

Entering Wet Bulb Temper- ature	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
63°F	830	25.2	1.56	0.82	0.98	1	23.8	1.79	0.84	1	1	22.4	2.04	0.87	1	1	21	2.31	0.91	1	1
	830	25.2	1.56	0.82	0.98	1	23.8	1.79	0.84	1	1	22.4	2.04	0.87	1	1	21	2.31	0.91	1	1
	945	26	1.55	0.85	1	1	24.6	1.79	0.88	1	1	23.4	2.04	0.92	1	1	21.8	2.3	0.96	1	1
67°F	830	26.8	1.55	0.63	0.79	0.95	25.2	1.78	0.64	0.82	0.98	23.6	2.04	0.66	0.84	1	21.8	2.3	0.68	0.88	1
	830	26.8	1.55	0.63	0.79	0.95	25.2	1.78	0.64	0.82	0.98	23.6	2.04	0.66	0.84	1	21.8	2.3	0.68	0.88	1
	945	27.4	1.54	0.65	0.83	0.99	25.8	1.77	0.67	0.86	1	24	2.03	0.69	0.89	1	22.2	2.29	0.72	0.94	1
71°F	830	28.2	1.53	0.46	0.62	0.77	26.8	1.77	0.47	0.63	0.79	25	2.02	0.48	0.65	0.82	23.2	2.27	0.49	0.67	0.86
	830	28.2	1.53	0.46	0.62	0.77	26.8	1.77	0.47	0.63	0.79	25	2.02	0.48	0.65	0.82	23.2	2.27	0.49	0.67	0.86
	945	29	1.52	0.47	0.64	0.81	27.4	1.76	0.48	0.66	0.83	25.6	2.01	0.49	0.68	0.87	23.6	2.27	0.5	0.71	0.91

XP13-024-230-08 - CBX32M-030

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	1.39	20.6	1.33	15	1.27	11	1.16	5.6	0.84
830	26	1.39	20.6	1.33	15	1.27	11	1.16	5.6	0.84
945	26.5	1.35	21.1	1.29	15.5	1.23	11.4	1.12	6	0.8

XP13-024-230-08 - CBX32M-030

HEATING PERFORMANCE at 830 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.39	26
60	1.37	24.8
55	1.36	23.5
50	1.35	22.3
47	1.34	21.5
45	1.33	20.6
40	1.31	18.4
35	1.28	16.1
30	1.28	15.5
25	1.27	15
20	1.26	14.4
17	1.26	14.1
15	1.26	13.6
10	1.24	12.3
5	1.16	11
0	1.08	9.6
-5	1	8.3
-10	0.92	6.9
-15	0.84	5.6
-20	0.76	4.2

XP13-024-230-08 - CBX32MV-018/024

Entering Wet Bulb Temper- ature	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
63°F	690	24	1.54	0.77	0.91	1	22.8	1.77	0.78	0.94	1	21.4	2.02	0.81	0.97	1	19.9	2.27	0.84	1	1
	825	25	1.54	0.81	0.97	1	23.6	1.76	0.83	0.99	1	22.2	2.02	0.86	1	1	20.8	2.27	0.89	1	1
	900	25.4	1.53	0.83	0.99	1	24.2	1.76	0.86	1	1	22.8	2.01	0.89	1	1	21.4	2.27	0.93	1	1
67°F	690	25.6	1.53	0.6	0.74	0.88	24.2	1.76	0.61	0.76	0.9	22.8	2.01	0.62	0.78	0.94	21	2.27	0.64	0.81	0.97
	825	26.4	1.52	0.63	0.78	0.94	25	1.75	0.64	0.81	0.97	23.4	2	0.65	0.83	0.99	21.8	2.26	0.68	0.87	1
	900	27	1.52	0.64	0.81	0.97	25.4	1.75	0.65	0.83	0.99	23.8	2	0.67	0.86	1	22	2.26	0.7	0.9	1
71°F	690	27	1.52	0.45	0.58	0.71	25.6	1.75	0.45	0.6	0.73	24	2	0.46	0.61	0.76	22.4	2.26	0.47	0.63	0.79
	825	28	1.51	0.46	0.61	0.76	26.6	1.74	0.47	0.63	0.78	25	1.99	0.47	0.64	0.81	23	2.24	0.48	0.67	0.85
	900	28.4	1.5	0.47	0.63	0.78	27	1.73	0.47	0.64	0.81	25.2	1.99	0.48	0.66	0.84	23.2	2.24	0.49	0.69	0.88

XP13-024-230-08 - CBX32MV-018/024

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
690	25.7	1.55	20.2	1.46	14.4	1.38	10.3	1.25	5	0.93
825	26.3	1.47	20.7	1.39	14.9	1.31	10.9	1.18	5.5	0.86
900	26.6	1.45	21.1	1.36	15.2	1.28	11.2	1.15	5.8	0.83

XP13-024-230-08 - CBX32MV-018/024

HEATING PERFORMANCE at 825 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.47	26.3
60	1.46	25
55	1.44	23.7
50	1.42	22.4
47	1.41	21.7
45	1.39	20.7
40	1.36	18.4
35	1.33	16.1
30	1.32	15.5
25	1.31	14.9
20	1.3	14.4
17	1.29	14
15	1.28	13.5
10	1.26	12.2
5	1.18	10.9
0	1.1	9.5
-5	1.02	8.2
-10	0.94	6.9
-15	0.86	5.5
-20	0.78	4.2

XP13-024-230-08 - CBX32MV-024/030

Entering Wet Bulb Temper- ature	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
63°F	720	24.4	1.56	0.78	0.93	1	23.2	1.8	0.8	0.96	1	21.6	2.05	0.82	0.99	1	20.2	2.31	0.86	1	1
	880	25.6	1.56	0.83	1	1	24.2	1.79	0.86	1	1	22.8	2.04	0.89	1	1	21.4	2.3	0.93	1	1
	900	25.6	1.56	0.84	1	1	24.4	1.79	0.87	1	1	23	2.05	0.9	1	1	21.4	2.3	0.94	1	1
67°F	720	26	1.55	0.61	0.75	0.9	24.6	1.79	0.62	0.77	0.93	23	2.04	0.63	0.8	0.96	21.4	2.3	0.65	0.83	0.99
	880	27	1.54	0.64	0.81	0.97	25.6	1.78	0.65	0.83	0.99	23.8	2.03	0.67	0.87	1	22	2.29	0.7	0.91	1
	900	27.2	1.55	0.64	0.82	0.98	25.6	1.77	0.66	0.84	1	24	2.03	0.68	0.87	1	22	2.3	0.7	0.92	1
71°F	720	27.4	1.54	0.45	0.59	0.73	26	1.77	0.46	0.61	0.75	24.4	2.03	0.46	0.62	0.77	22.6	2.29	0.47	0.64	0.81
	880	28.6	1.53	0.47	0.63	0.78	27	1.76	0.47	0.64	0.81	25.2	2.01	0.48	0.66	0.84	23.4	2.27	0.49	0.69	0.88
	900	28.6	1.53	0.47	0.63	0.79	27	1.75	0.47	0.65	0.82	25.4	2.01	0.48	0.67	0.85	23.4	2.27	0.49	0.7	0.89

XP13-024-230-08 - CBX32MV-024/030

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
720	25.4	1.43	20.1	1.38	14.4	1.33	10.4	1.22	5.1	0.9
880	25.9	1.36	20.5	1.31	14.9	1.26	10.9	1.16	5.5	0.83
900	26	1.36	20.6	1.31	15	1.25	11	1.15	5.6	0.83

XP13-024-230-08 - CBX32MV-024/030

HEATING PERFORMANCE at 880 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.36	25.9
60	1.35	24.6
55	1.34	23.4
50	1.33	22.2
47	1.32	21.4
45	1.31	20.5
40	1.29	18.3
35	1.27	16
30	1.26	15.5
25	1.26	14.9
20	1.26	14.3
17	1.25	14
15	1.25	13.5
10	1.24	12.2
5	1.16	10.9
0	1.08	9.6
-5	1	8.2
-10	0.91	6.9
-15	0.83	5.5
-20	0.75	4.2

XP13-024-230-08 - CBX32MV-036

Entering Wet Bulb Temper- ature	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
63°F	900	25.8	1.63	0.84	1	1	24.6	1.88	0.87	1	1	23.2	2.14	0.9	1	1	21.6	2.4	0.94	1	1
	900	25.8	1.63	0.84	1	1	24.6	1.88	0.87	1	1	23.2	2.14	0.9	1	1	21.6	2.4	0.94	1	1
	1000	26.6	1.63	0.88	1	1	25.2	1.88	0.91	1	1	23.8	2.14	0.94	1	1	22.2	2.39	0.98	1	1
67°F	900	27.4	1.62	0.65	0.82	0.98	25.8	1.87	0.66	0.84	1	24	2.13	0.68	0.88	1	22	2.4	0.71	0.92	1
	900	27.4	1.62	0.65	0.82	0.98	25.8	1.87	0.66	0.84	1	24	2.13	0.68	0.88	1	22	2.4	0.71	0.92	1
	1000	27.8	1.61	0.67	0.85	1	26.2	1.86	0.68	0.88	1	24.4	2.13	0.7	0.92	1	22.4	2.4	0.73	0.96	1
71°F	900	29	1.6	0.47	0.63	0.79	27.4	1.84	0.47	0.65	0.82	25.6	2.11	0.48	0.67	0.85	23.4	2.37	0.49	0.7	0.9
	900	29	1.6	0.47	0.63	0.79	27.4	1.84	0.47	0.65	0.82	25.6	2.11	0.48	0.67	0.85	23.4	2.37	0.49	0.7	0.9
	1000	29.4	1.59	0.48	0.66	0.83	27.8	1.84	0.48	0.67	0.86	26	2.1	0.49	0.7	0.89	23.8	2.36	0.51	0.73	0.94

XP13-024-230-08 - CBX32MV-036

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	25.9	1.34	20.6	1.29	14.9	1.25	10.9	1.15	5.6	0.83
900	25.9	1.34	20.6	1.29	14.9	1.25	10.9	1.15	5.6	0.83
1000	26.2	1.31	20.8	1.26	15.2	1.22	11.2	1.12	5.8	0.8

XP13-024-230-08 - CBX32MV-036

HEATING PERFORMANCE at 900 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.34	25.9
60	1.33	24.7
55	1.32	23.4
50	1.31	22.2
47	1.3	21.5
45	1.29	20.6
40	1.27	18.3
35	1.25	16
30	1.25	15.5
25	1.25	14.9
20	1.24	14.4
17	1.24	14
15	1.24	13.5
10	1.23	12.3
5	1.15	10.9
0	1.07	9.6
-5	0.99	8.2
-10	0.91	6.9
-15	0.83	5.6
-20	0.75	4.2

XP13-024-230-08 - CBX40UHV-024

Entering Wet Bulb Temper- ature	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
63°F	690	24.4	1.65	0.77	0.92	1	23	1.89	0.79	0.95	1	21.6	2.16	0.82	0.98	1	20	2.42	0.85	1	1
	825	25.4	1.64	0.82	0.98	1	24	1.89	0.84	1	1	22.6	2.15	0.87	1	1	21	2.41	0.91	1	1
	900	25.8	1.63	0.84	1	1	24.6	1.88	0.87	1	1	23.2	2.14	0.9	1	1	21.6	2.4	0.94	1	1
67°F	690	26	1.64	0.6	0.74	0.88	24.4	1.88	0.61	0.76	0.91	23	2.15	0.63	0.79	0.95	21.2	2.41	0.65	0.82	0.99
	825	26.8	1.63	0.63	0.79	0.95	25.4	1.88	0.64	0.81	0.98	23.6	2.14	0.66	0.85	1	21.8	2.4	0.69	0.89	1
	900	27.4	1.62	0.65	0.82	0.98	25.8	1.87	0.66	0.84	1	24	2.13	0.68	0.88	1	22	2.4	0.71	0.92	1
71°F	690	27.4	1.62	0.45	0.59	0.72	26	1.87	0.45	0.6	0.74	24.2	2.13	0.46	0.61	0.76	22.4	2.39	0.47	0.63	0.8
	825	28.4	1.61	0.46	0.62	0.77	26.8	1.85	0.47	0.63	0.79	25.2	2.12	0.48	0.65	0.82	23.2	2.37	0.49	0.67	0.86
	900	29	1.6	0.47	0.63	0.79	27.4	1.84	0.47	0.65	0.82	25.6	2.11	0.48	0.67	0.85	23.4	2.37	0.49	0.7	0.9

XP13-024-230-08 - CBX40UHV-024

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
690	25.2	1.43	19.9	1.38	14.3	1.32	10.4	1.22	5.1	0.9
825	25.6	1.37	20.3	1.32	14.7	1.26	10.8	1.16	5.5	0.83
900	25.8	1.35	20.5	1.29	15	1.24	11	1.13	5.7	0.81

XP13-024-230-08 - CBX40UHV-024

HEATING PERFORMANCE at 825 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.37	25.6
60	1.36	24.4
55	1.35	23.2
50	1.33	21.9
47	1.33	21.2
45	1.32	20.3
40	1.29	18.1
35	1.27	15.9
30	1.27	15.3
25	1.26	14.7
20	1.26	14.2
17	1.25	13.8
15	1.25	13.4
10	1.24	12.1
5	1.16	10.8
0	1.08	9.5
-5	1	8.1
-10	0.92	6.8
-15	0.83	5.5
-20	0.75	4.2

XP13-024-230-08 - CH33-25B-2F

Entering Wet Bulb Temper- ature	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
63°F	700	24.4	1.5	0.79	0.94	1	23	1.73	0.81	0.97	1	21.6	1.97	0.84	1	1	20.4	2.23	0.87	1	1
	875	25.6	1.5	0.85	1	1	24.4	1.72	0.88	1	1	23	1.96	0.91	1	1	21.6	2.22	0.95	1	1
	900	25.8	1.5	0.86	1	1	24.6	1.72	0.89	1	1	23.2	1.96	0.92	1	1	21.8	2.21	0.96	1	1
67°F	700	25.6	1.5	0.63	0.77	0.91	24.4	1.72	0.64	0.79	0.93	22.8	1.96	0.65	0.81	0.97	21.2	2.22	0.67	0.85	1
	875	26.8	1.49	0.66	0.83	0.98	25.4	1.71	0.68	0.85	1	23.8	1.96	0.7	0.89	1	22	2.21	0.73	0.93	1
	900	27	1.49	0.67	0.84	0.99	25.6	1.71	0.69	0.86	1	24	1.96	0.71	0.9	1	22.2	2.21	0.73	0.94	1
71°F	700	26.8	1.49	0.47	0.61	0.74	25.4	1.71	0.48	0.62	0.76	24	1.96	0.49	0.64	0.79	22.2	2.2	0.5	0.66	0.82
	875	28.2	1.48	0.49	0.65	0.81	26.8	1.7	0.5	0.67	0.83	25	1.94	0.51	0.69	0.86	23.2	2.19	0.52	0.72	0.9
	900	28.4	1.47	0.5	0.66	0.81	26.8	1.7	0.5	0.67	0.84	25.2	1.94	0.51	0.7	0.87	23.4	2.19	0.53	0.72	0.91

XP13-024-230-08 - CH33-25B-2F

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	25	1.5	19.9	1.45	14.6	1.38	10.7	1.27	5.1	0.94
875	25.5	1.42	20.5	1.37	15.2	1.3	11.2	1.19	5.7	0.86
900	25.6	1.42	20.5	1.36	15.2	1.3	11.3	1.18	5.7	0.85

XP13-024-230-08 - CH33-25B-2F

HEATING PERFORMANCE at 875 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.42	25.5
60	1.41	24.3
55	1.4	23.2
50	1.38	22
47	1.37	21.3
45	1.37	20.5
40	1.34	18.4
35	1.32	16.3
30	1.31	15.7
25	1.3	15.2
20	1.3	14.6
17	1.29	14.3
15	1.29	13.8
10	1.27	12.6
5	1.19	11.2
0	1.11	9.8
-5	1.02	8.5
-10	0.94	7.1
-15	0.86	5.7
-20	0.78	4.3

XP13-024-230-08 - CH33-25B-2F + SL280UH090V36B

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
63°F	830	25	1.5	0.82	0.99	1	23.8	1.72	0.85	1	1	22.6	1.97	0.88	1	1	21	2.22	0.91	1	1
	830	25	1.5	0.82	0.99	1	23.8	1.72	0.85	1	1	22.6	1.97	0.88	1	1	21	2.22	0.91	1	1
	965	26	1.5	0.87	1	1	24.8	1.72	0.9	1	1	23.4	1.96	0.93	1	1	21.8	2.21	0.97	1	1
67°F	830	26.4	1.49	0.64	0.8	0.96	25	1.71	0.65	0.82	0.98	23.4	1.96	0.67	0.85	1	21.8	2.21	0.69	0.89	1
	830	26.4	1.49	0.64	0.8	0.96	25	1.71	0.65	0.82	0.98	23.4	1.96	0.67	0.85	1	21.8	2.21	0.69	0.89	1
	965	27.2	1.49	0.67	0.85	1	25.8	1.71	0.68	0.87	1	24	1.95	0.71	0.91	1	22.2	2.21	0.73	0.95	1
71°F	830	27.8	1.48	0.47	0.63	0.78	26.2	1.7	0.48	0.64	0.8	24.6	1.95	0.49	0.66	0.83	22.8	2.2	0.5	0.69	0.87
	830	27.8	1.48	0.47	0.63	0.78	26.2	1.7	0.48	0.64	0.8	24.6	1.95	0.49	0.66	0.83	22.8	2.2	0.5	0.69	0.87
	965	28.6	1.47	0.49	0.66	0.82	27	1.7	0.49	0.67	0.85	25.4	1.94	0.5	0.7	0.88	23.4	2.19	0.52	0.72	0.93

XP13-024-230-08 - CH33-25B-2F + SL280UH090V36B

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	24.7	1.43	19.7	1.37	14.4	1.3	10.5	1.19	5.3	0.86
830	24.7	1.43	19.7	1.37	14.4	1.3	10.5	1.19	5.3	0.86
965	25	1.39	20	1.32	14.7	1.26	10.8	1.14	5.6	0.81

**XP13-024-230-08 - CH33-25B-2F + SL280UH090V36B
HEATING PERFORMANCE at 830 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.43	24.7
60	1.42	23.6
55	1.4	22.4
50	1.39	21.2
47	1.38	20.5
45	1.37	19.7
40	1.34	17.6
35	1.32	15.6
30	1.31	15
25	1.3	14.4
20	1.29	13.8
17	1.29	13.5
15	1.28	13
10	1.27	11.8
5	1.19	10.5
0	1.1	9.2
-5	1.02	7.9
-10	0.94	6.6
-15	0.86	5.3
-20	0.78	4

XP13-024-230-08 - CH33-25B-2F + SL280UH090V48B

Entering Wet Bulb Temper- ature	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
63°F	790	24.8	1.5	0.81	0.97	1	23.6	1.72	0.84	1	1	22.2	1.97	0.86	1	1	20.8	2.22	0.9	1	1
	790	24.8	1.5	0.81	0.97	1	23.6	1.72	0.84	1	1	22.2	1.97	0.86	1	1	20.8	2.22	0.9	1	1
	940	25.8	1.5	0.86	1	1	24.6	1.72	0.89	1	1	23.4	1.96	0.92	1	1	21.8	2.22	0.96	1	1
67°F	790	26.2	1.49	0.63	0.79	0.94	24.8	1.71	0.65	0.81	0.97	23.2	1.96	0.67	0.84	1	21.6	2.22	0.69	0.87	1
	790	26.2	1.49	0.63	0.79	0.94	24.8	1.71	0.65	0.81	0.97	23.2	1.96	0.67	0.84	1	21.6	2.22	0.69	0.87	1
	940	27	1.49	0.66	0.84	1	25.6	1.71	0.68	0.87	1	24	1.96	0.7	0.9	1	22.2	2.21	0.73	0.94	1
71°F	790	27.4	1.49	0.47	0.62	0.76	26	1.7	0.48	0.64	0.79	24.4	1.95	0.49	0.65	0.81	22.6	2.2	0.5	0.68	0.85
	790	27.4	1.49	0.47	0.62	0.76	26	1.7	0.48	0.64	0.79	24.4	1.95	0.49	0.65	0.81	22.6	2.2	0.5	0.68	0.85
	940	28.4	1.47	0.49	0.65	0.81	27	1.7	0.49	0.67	0.84	25.2	1.94	0.5	0.69	0.87	23.4	2.19	0.51	0.72	0.92

XP13-024-230-08 - CH33-25B-2F + SL280UH090V48B

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
790	24.7	1.45	19.7	1.39	14.5	1.32	10.6	1.2	5.4	0.86
790	24.7	1.45	19.7	1.39	14.5	1.32	10.6	1.2	5.4	0.86
940	25	1.4	20	1.33	14.7	1.26	10.9	1.14	5.7	0.81

**XP13-024-230-08 - CH33-25B-2F + SL280UH090V48B
HEATING PERFORMANCE at 790 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.45	24.7
60	1.44	23.5
55	1.42	22.4
50	1.41	21.2
47	1.4	20.5
45	1.39	19.7
40	1.36	17.6
35	1.33	15.6
30	1.32	15
25	1.32	14.5
20	1.31	13.9
17	1.3	13.5
15	1.3	13.1
10	1.28	11.9
5	1.2	10.6
0	1.11	9.3
-5	1.03	8
-10	0.95	6.7
-15	0.86	5.4
-20	0.78	4.1

XP13-024-230-08 - CH33-25B-2F + SLP98UH070V36B

Entering Wet Bulb Temper- ature	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
63°F	705	24.2	1.5	0.78	0.93	1	23	1.73	0.8	0.96	1	21.6	1.97	0.83	0.99	1	20.2	2.22	0.86	1	1
	810	25	1.5	0.82	0.98	1	23.6	1.72	0.84	1	1	22.4	1.97	0.87	1	1	21	2.22	0.9	1	1
	960	26	1.5	0.87	1	1	24.8	1.72	0.9	1	1	23.4	1.96	0.93	1	1	21.8	2.21	0.97	1	1
67°F	705	25.6	1.5	0.61	0.76	0.9	24.2	1.72	0.63	0.78	0.92	22.8	1.96	0.64	0.8	0.96	21.2	2.22	0.66	0.83	0.99
	810	26.4	1.49	0.64	0.79	0.95	25	1.71	0.65	0.82	0.98	23.4	1.96	0.67	0.84	1	21.6	2.21	0.69	0.88	1
	960	27.2	1.49	0.67	0.85	1	25.8	1.71	0.69	0.87	1	24	1.95	0.71	0.91	1	22.2	2.21	0.73	0.95	1
71°F	705	26.8	1.49	0.46	0.6	0.73	25.4	1.71	0.47	0.61	0.75	23.8	1.95	0.47	0.63	0.78	22.2	2.21	0.48	0.65	0.81
	810	27.6	1.48	0.47	0.62	0.77	26.2	1.7	0.48	0.64	0.79	24.6	1.95	0.49	0.66	0.82	22.8	2.2	0.5	0.68	0.86
	960	28.6	1.47	0.49	0.66	0.82	27	1.69	0.49	0.68	0.85	25.4	1.94	0.5	0.7	0.88	23.4	2.19	0.52	0.73	0.93

XP13-024-230-08 - CH33-25B-2F + SLP98UH070V36B

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	24.4	1.49	19.4	1.43	14.1	1.36	10.3	1.24	5.1	0.91
810	24.7	1.44	19.7	1.38	14.4	1.31	10.5	1.19	5.3	0.86
960	25.1	1.39	20.1	1.33	14.8	1.26	10.9	1.14	5.7	0.81

**XP13-024-230-08 - CH33-25B-2F + SLP98UH070V36B
HEATING PERFORMANCE at 810 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.44	24.7
60	1.43	23.5
55	1.41	22.4
50	1.4	21.2
47	1.39	20.5
45	1.38	19.7
40	1.35	17.6
35	1.33	15.6
30	1.32	15
25	1.31	14.4
20	1.3	13.8
17	1.29	13.5
15	1.29	13
10	1.27	11.8
5	1.19	10.5
0	1.11	9.2
-5	1.02	7.9
-10	0.94	6.6
-15	0.86	5.3
-20	0.78	4

XP13-024-230-08 - CH33-36B-2F

Entering Wet Bulb Temper- ature	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
63°F	700	24.2	1.5	0.79	0.94	1	23	1.73	0.81	0.96	1	21.6	1.97	0.83	0.99	1	20.2	2.22	0.87	1	1
	800	25	1.5	0.82	0.98	1	23.6	1.72	0.85	1	1	22.4	1.97	0.88	1	1	21	2.22	0.91	1	1
	900	25.6	1.5	0.86	1	1	24.4	1.72	0.88	1	1	23.2	1.96	0.91	1	1	21.6	2.22	0.96	1	1
67°F	700	25.6	1.5	0.62	0.77	0.9	24.2	1.72	0.64	0.79	0.93	22.8	1.96	0.65	0.81	0.96	21.2	2.22	0.67	0.84	1
	800	26.4	1.49	0.65	0.8	0.95	25	1.71	0.66	0.82	0.98	23.4	1.96	0.68	0.85	1	21.6	2.21	0.7	0.89	1
	900	27	1.49	0.67	0.83	0.99	25.6	1.71	0.68	0.86	1	23.8	1.96	0.7	0.89	1	22	2.21	0.73	0.93	1
71°F	700	26.8	1.49	0.47	0.61	0.74	25.4	1.71	0.48	0.62	0.76	23.8	1.95	0.49	0.64	0.79	22.2	2.21	0.5	0.66	0.82
	800	27.6	1.48	0.48	0.63	0.78	26.2	1.7	0.49	0.65	0.8	24.6	1.95	0.5	0.67	0.83	22.8	2.2	0.51	0.69	0.86
	900	28.2	1.47	0.49	0.66	0.81	26.8	1.7	0.5	0.67	0.84	25.2	1.94	0.51	0.69	0.87	23.2	2.19	0.53	0.72	0.91

XP13-024-230-08 - CH33-36B-2F

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	24.9	1.52	19.9	1.45	14.6	1.38	10.8	1.26	5.3	0.92
800	25.2	1.47	20.2	1.4	14.9	1.33	11.1	1.2	5.6	0.87
900	25.5	1.43	20.5	1.36	15.2	1.29	11.4	1.17	5.9	0.83

XP13-024-230-08 - CH33-36B-2F

HEATING PERFORMANCE at 800 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.47	25.2
60	1.45	24.1
55	1.44	22.9
50	1.42	21.7
47	1.41	21
45	1.4	20.2
40	1.37	18.1
35	1.34	16
30	1.34	15.5
25	1.33	14.9
20	1.32	14.4
17	1.31	14.1
15	1.3	13.6
10	1.29	12.4
5	1.2	11.1
0	1.12	9.7
-5	1.04	8.3
-10	0.95	7
-15	0.87	5.6
-20	0.79	4.2

XP13-024-230-08 - CH33-36B-2F + SL280UH090V36B

Entering Wet Bulb Temper- ature	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
63°F	830	25	1.5	0.82	0.98	1	23.6	1.72	0.84	1	1	22.4	1.97	0.87	1	1	21	2.22	0.91	1	1
	830	25	1.5	0.82	0.98	1	23.6	1.72	0.84	1	1	22.4	1.97	0.87	1	1	21	2.22	0.91	1	1
	965	26	1.5	0.87	1	1	24.8	1.72	0.89	1	1	23.4	1.96	0.92	1	1	21.8	2.22	0.97	1	1
67°F	830	26.4	1.49	0.64	0.8	0.95	25	1.71	0.65	0.82	0.98	23.4	1.96	0.67	0.85	1	21.6	2.21	0.69	0.89	1
	830	26.4	1.49	0.64	0.8	0.95	25	1.71	0.65	0.82	0.98	23.4	1.96	0.67	0.85	1	21.6	2.21	0.69	0.89	1
	965	27.2	1.49	0.67	0.84	1	25.6	1.71	0.68	0.87	1	24	1.96	0.7	0.9	1	22.2	2.21	0.73	0.94	1
71°F	830	27.6	1.48	0.47	0.63	0.77	26.2	1.7	0.48	0.64	0.8	24.6	1.95	0.49	0.66	0.82	22.8	2.2	0.5	0.68	0.86
	830	27.6	1.48	0.47	0.63	0.77	26.2	1.7	0.48	0.64	0.8	24.6	1.95	0.49	0.66	0.82	22.8	2.2	0.5	0.68	0.86
	965	28.4	1.47	0.49	0.65	0.82	27	1.7	0.49	0.67	0.84	25.2	1.94	0.5	0.69	0.88	23.4	2.19	0.51	0.72	0.92

XP13-024-230-08 - CH33-36B-2F + SL280UH090V36B

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	24.7	1.44	19.6	1.37	14.4	1.31	10.5	1.19	5.3	0.86
830	24.7	1.44	19.6	1.37	14.4	1.31	10.5	1.19	5.3	0.86
965	25	1.4	19.9	1.33	14.7	1.26	10.8	1.15	5.6	0.82

**XP13-024-230-08 - CH33-36B-2F + SL280UH090V36B
HEATING PERFORMANCE at 830 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.44	24.7
60	1.43	23.5
55	1.41	22.3
50	1.39	21.2
47	1.39	20.5
45	1.37	19.6
40	1.35	17.6
35	1.32	15.5
30	1.31	14.9
25	1.31	14.4
20	1.3	13.8
17	1.29	13.4
15	1.29	13
10	1.27	11.8
5	1.19	10.5
0	1.11	9.2
-5	1.02	7.9
-10	0.94	6.6
-15	0.86	5.3
-20	0.78	4

XP13-024-230-08 - CH33-36B-2F + SL280UH090V48B

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
63°F	790	24.8	1.5	0.81	0.97	1	23.6	1.73	0.83	0.99	1	22.2	1.97	0.86	1	1	20.8	2.22	0.89	1	1
	790	24.8	1.5	0.81	0.97	1	23.6	1.73	0.83	0.99	1	22.2	1.97	0.86	1	1	20.8	2.22	0.89	1	1
	1030	26.4	1.49	0.89	1	1	25.2	1.71	0.92	1	1	23.8	1.96	0.95	1	1	22.2	2.21	0.99	1	1
67°F	790	26.2	1.49	0.63	0.79	0.93	24.8	1.71	0.65	0.81	0.96	23.2	1.96	0.66	0.84	0.99	21.4	2.22	0.68	0.87	1
	790	26.2	1.49	0.63	0.79	0.93	24.8	1.71	0.65	0.81	0.96	23.2	1.96	0.66	0.84	0.99	21.4	2.22	0.68	0.87	1
	1030	27.4	1.48	0.68	0.86	1	26	1.71	0.7	0.89	1	24.2	1.95	0.72	0.93	1	22.4	2.21	0.75	0.97	1
71°F	790	27.4	1.49	0.47	0.62	0.76	26	1.71	0.48	0.63	0.78	24.4	1.95	0.48	0.65	0.81	22.6	2.2	0.49	0.67	0.85
	790	27.4	1.49	0.47	0.62	0.76	26	1.71	0.48	0.63	0.78	24.4	1.95	0.48	0.65	0.81	22.6	2.2	0.49	0.67	0.85
	1030	28.8	1.47	0.49	0.67	0.84	27.4	1.69	0.5	0.69	0.87	25.6	1.94	0.51	0.71	0.9	23.6	2.19	0.52	0.74	0.95

XP13-024-230-08 - CH33-36B-2F + SL280UH090V48B

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
790	24.7	1.47	19.7	1.39	14.4	1.32	10.6	1.2	5.4	0.87
790	24.7	1.47	19.7	1.39	14.4	1.32	10.6	1.2	5.4	0.87
1030	25.1	1.38	20.1	1.31	14.9	1.24	11	1.12	5.8	0.79

**XP13-024-230-08 - CH33-36B-2F + SL280UH090V48B
HEATING PERFORMANCE at 790 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.47	24.7
60	1.45	23.5
55	1.43	22.4
50	1.42	21.2
47	1.4	20.5
45	1.39	19.7
40	1.37	17.6
35	1.34	15.6
30	1.33	15
25	1.32	14.4
20	1.31	13.9
17	1.3	13.5
15	1.3	13
10	1.28	11.9
5	1.2	10.6
0	1.12	9.3
-5	1.03	8
-10	0.95	6.7
-15	0.87	5.4
-20	0.78	4.1

XP13-024-230-08 - CH33-36B-2F + SLP98UH070V36B

Entering Wet Bulb Temper- ature	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
63°F	705	24.2	1.5	0.78	0.93	1	22.8	1.73	0.8	0.96	1	21.4	1.97	0.82	0.99	1	20	2.22	0.85	1	1
	810	25	1.5	0.81	0.98	1	23.6	1.72	0.84	1	1	22.2	1.97	0.87	1	1	20.8	2.22	0.9	1	1
	960	26	1.5	0.87	1	1	24.8	1.72	0.89	1	1	23.4	1.96	0.92	1	1	21.8	2.22	0.97	1	1
67°F	705	25.4	1.5	0.61	0.76	0.89	24.2	1.72	0.63	0.78	0.92	22.6	1.96	0.64	0.8	0.95	21	2.22	0.66	0.83	0.99
	810	26.2	1.49	0.63	0.79	0.94	24.8	1.71	0.65	0.81	0.97	23.4	1.96	0.67	0.84	1	21.6	2.22	0.69	0.88	1
	960	27.2	1.49	0.67	0.84	1	25.6	1.71	0.68	0.87	1	24	1.96	0.7	0.9	1	22.2	2.21	0.73	0.94	1
71°F	705	26.6	1.49	0.46	0.6	0.73	25.2	1.71	0.47	0.61	0.75	23.8	1.96	0.47	0.63	0.78	22.2	2.21	0.48	0.65	0.81
	810	27.6	1.48	0.47	0.62	0.77	26	1.7	0.48	0.64	0.79	24.4	1.95	0.48	0.65	0.82	22.6	2.2	0.5	0.68	0.85
	960	28.4	1.47	0.49	0.66	0.82	27	1.7	0.49	0.67	0.85	25.2	1.94	0.5	0.69	0.88	23.4	2.19	0.52	0.72	0.92

XP13-024-230-08 - CH33-36B-2F + SLP98UH070V36B

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	24.4	1.5	19.4	1.43	14.1	1.36	10.2	1.24	5	0.91
810	24.7	1.45	19.6	1.38	14.4	1.31	10.5	1.19	5.3	0.86
960	25.1	1.4	20	1.33	14.8	1.26	10.9	1.14	5.7	0.81

**XP13-024-230-08 - CH33-36B-2F + SLP98UH070V36B
HEATING PERFORMANCE at 810 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.45	24.7
60	1.44	23.5
55	1.42	22.3
50	1.4	21.2
47	1.39	20.5
45	1.38	19.6
40	1.36	17.6
35	1.33	15.5
30	1.32	15
25	1.31	14.4
20	1.3	13.8
17	1.3	13.4
15	1.29	13
10	1.28	11.8
5	1.19	10.5
0	1.11	9.2
-5	1.03	7.9
-10	0.94	6.6
-15	0.86	5.3
-20	0.78	4

XP13-024-230-08 - CR33-30/36A/B/C-F

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
63°F	700	23.8	1.45	0.8	0.95	1	22.4	1.66	0.82	0.98	1	21	1.88	0.85	1	1	19.7	2.13	0.88	1	1
	800	24.4	1.45	0.84	0.99	1	23.2	1.65	0.86	1	1	22	1.88	0.89	1	1	20.4	2.13	0.93	1	1
	900	25.2	1.44	0.87	1	1	24	1.65	0.9	1	1	22.6	1.88	0.93	1	1	21	2.12	0.97	1	1
67°F	700	25.2	1.44	0.63	0.77	0.92	23.8	1.65	0.64	0.8	0.94	22.4	1.88	0.66	0.82	0.98	20.6	2.12	0.68	0.86	1
	800	25.8	1.43	0.65	0.81	0.96	24.4	1.64	0.67	0.84	0.99	22.8	1.87	0.69	0.87	1	21	2.12	0.71	0.91	1
	900	26.4	1.43	0.67	0.85	1	24.8	1.64	0.69	0.88	1	23.2	1.87	0.71	0.91	1	21.4	2.11	0.74	0.95	1
71°F	700	26.6	1.43	0.47	0.61	0.75	25.2	1.63	0.48	0.63	0.77	23.6	1.86	0.49	0.64	0.8	21.8	2.11	0.5	0.67	0.83
	800	27.4	1.42	0.49	0.64	0.79	25.8	1.63	0.49	0.65	0.81	24.2	1.86	0.5	0.67	0.84	22.2	2.1	0.51	0.7	0.89
	900	28	1.41	0.5	0.66	0.83	26.4	1.62	0.51	0.68	0.86	24.6	1.85	0.52	0.7	0.89	22.6	2.09	0.53	0.74	0.93

XP13-024-230-08 - CR33-30/36A/B/C-F

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	25.1	1.47	20	1.41	14.8	1.34	10.9	1.23	5.3	0.9
800	25.4	1.42	20.4	1.36	15.1	1.3	11.2	1.18	5.7	0.85
900	25.7	1.39	20.7	1.33	15.4	1.26	11.5	1.15	5.9	0.82

**XP13-024-230-08 - CR33-30/36A/B/C-F
HEATING PERFORMANCE at 800 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.42	25.4
60	1.41	24.2
55	1.39	23.1
50	1.38	21.9
47	1.37	21.2
45	1.36	20.4
40	1.34	18.3
35	1.31	16.2
30	1.3	15.7
25	1.3	15.1
20	1.29	14.6
17	1.28	14.2
15	1.28	13.8
10	1.26	12.6
5	1.18	11.2
0	1.1	9.8
-5	1.02	8.4
-10	0.94	7
-15	0.85	5.7
-20	0.77	4.3

XP13-024-230-08 - CR33-30/36A-F + SL280DF070V36A

Entering Wet Bulb Temper- ature	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
63°F	800	24.4	1.45	0.82	0.98	1	23	1.65	0.85	1	1	21.8	1.89	0.88	1	1	20.4	2.13	0.92	1	1
	800	24.4	1.45	0.82	0.98	1	23	1.65	0.85	1	1	21.8	1.89	0.88	1	1	20.4	2.13	0.92	1	1
	920	25.2	1.44	0.87	1	1	24	1.65	0.9	1	1	22.6	1.88	0.93	1	1	21	2.12	0.97	1	1
67°F	800	25.8	1.44	0.64	0.8	0.95	24.4	1.65	0.66	0.82	0.98	22.8	1.88	0.67	0.86	1	21	2.12	0.7	0.9	1
	800	25.8	1.44	0.64	0.8	0.95	24.4	1.65	0.66	0.82	0.98	22.8	1.88	0.67	0.86	1	21	2.12	0.7	0.9	1
	920	26.4	1.43	0.67	0.85	1	24.8	1.64	0.69	0.87	1	23.2	1.87	0.71	0.91	1	21.4	2.11	0.74	0.95	1
71°F	800	27.2	1.42	0.47	0.63	0.78	25.8	1.63	0.48	0.64	0.8	24	1.86	0.49	0.66	0.83	22.2	2.1	0.5	0.69	0.87
	800	27.2	1.42	0.47	0.63	0.78	25.8	1.63	0.48	0.64	0.8	24	1.86	0.49	0.66	0.83	22.2	2.1	0.5	0.69	0.87
	920	27.8	1.41	0.49	0.66	0.82	26.4	1.62	0.5	0.67	0.85	24.6	1.85	0.51	0.7	0.89	22.6	2.09	0.52	0.73	0.93

XP13-024-230-08 - CR33-30/36A-F + SL280DF070V36A

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	24.9	1.41	19.9	1.35	14.6	1.29	10.8	1.17	5.4	0.85
800	24.9	1.41	19.9	1.35	14.6	1.29	10.8	1.17	5.4	0.85
920	25.2	1.37	20.2	1.31	14.9	1.25	11.1	1.13	5.8	0.81

**XP13-024-230-08 - CR33-30/36A-F + SL280DF070V36A
HEATING PERFORMANCE at 800 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.41	24.9
60	1.4	23.8
55	1.38	22.6
50	1.37	21.4
47	1.36	20.7
45	1.35	19.9
40	1.33	17.8
35	1.3	15.8
30	1.29	15.2
25	1.29	14.6
20	1.28	14.1
17	1.28	13.7
15	1.27	13.3
10	1.26	12.1
5	1.17	10.8
0	1.09	9.4
-5	1.01	8.1
-10	0.93	6.8
-15	0.85	5.4
-20	0.77	4.1

XP13-024-230-08 - CR33-30/36B-F + SL280DF090V48B

Entering Wet Bulb Temper- ature	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
63°F	790	24.2	1.45	0.82	0.98	1	23	1.65	0.84	1	1	21.6	1.89	0.87	1	1	20.2	2.12	0.91	1	1
	790	24.2	1.45	0.82	0.98	1	23	1.65	0.84	1	1	21.6	1.89	0.87	1	1	20.2	2.12	0.91	1	1
	930	25.2	1.44	0.87	1	1	24	1.65	0.9	1	1	22.6	1.88	0.93	1	1	21	2.12	0.97	1	1
67°F	790	25.8	1.44	0.64	0.8	0.95	24.2	1.65	0.65	0.82	0.98	22.6	1.88	0.67	0.85	1	21	2.12	0.69	0.89	1
	790	25.8	1.44	0.64	0.8	0.95	24.2	1.65	0.65	0.82	0.98	22.6	1.88	0.67	0.85	1	21	2.12	0.69	0.89	1
	930	26.4	1.43	0.67	0.85	1	25	1.64	0.68	0.88	1	23.2	1.87	0.71	0.91	1	21.4	2.11	0.73	0.95	1
71°F	790	27.2	1.42	0.47	0.62	0.77	25.6	1.63	0.48	0.64	0.79	24	1.86	0.49	0.66	0.83	22.2	2.1	0.5	0.68	0.87
	790	27.2	1.42	0.47	0.62	0.77	25.6	1.63	0.48	0.64	0.79	24	1.86	0.49	0.66	0.83	22.2	2.1	0.5	0.68	0.87
	930	28	1.41	0.49	0.66	0.82	26.4	1.62	0.49	0.67	0.85	24.6	1.85	0.5	0.7	0.89	22.6	2.09	0.52	0.73	0.93

XP13-024-230-08 - CR33-30/36B-F + SL280DF090V48B

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
790	24.8	1.42	19.8	1.35	14.5	1.29	10.7	1.17	5.4	0.85
790	24.8	1.42	19.8	1.35	14.5	1.29	10.7	1.17	5.4	0.85
930	25.1	1.37	20.1	1.31	14.9	1.24	11	1.13	5.7	0.8

**XP13-024-230-08 - CR33-30/36B-F + SL280DF090V48B
HEATING PERFORMANCE at 790 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.42	24.8
60	1.4	23.7
55	1.39	22.5
50	1.37	21.3
47	1.36	20.6
45	1.35	19.8
40	1.33	17.8
35	1.3	15.7
30	1.3	15.1
25	1.29	14.5
20	1.28	14
17	1.28	13.6
15	1.27	13.2
10	1.26	12
5	1.17	10.7
0	1.09	9.4
-5	1.01	8
-10	0.93	6.7
-15	0.85	5.4
-20	0.77	4.1

XP13-024-230-08 - CR33-30/36B-F + SLP98DF070V36B

Entering Wet Bulb Temper- ature	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
63°F	755	24	1.45	0.81	0.96	1	22.8	1.65	0.83	0.99	1	21.4	1.89	0.86	1	1	20	2.13	0.89	1	1
	845	24.6	1.44	0.84	1	1	23.4	1.65	0.87	1	1	22	1.88	0.9	1	1	20.6	2.12	0.94	1	1
	960	25.4	1.44	0.88	1	1	24.4	1.65	0.91	1	1	22.8	1.87	0.94	1	1	21.2	2.12	0.98	1	1
67°F	755	25.4	1.44	0.63	0.78	0.93	24	1.65	0.64	0.8	0.96	22.4	1.88	0.66	0.83	0.99	20.8	2.12	0.68	0.87	1
	845	26	1.43	0.65	0.82	0.97	24.6	1.64	0.66	0.84	1	23	1.88	0.68	0.87	1	21	2.12	0.71	0.92	1
	960	26.6	1.43	0.67	0.86	1	25	1.64	0.69	0.89	1	23.4	1.87	0.71	0.92	1	21.4	2.11	0.75	0.97	1
71°F	755	27	1.42	0.47	0.61	0.76	25.4	1.63	0.47	0.63	0.78	23.8	1.87	0.48	0.65	0.81	22	2.1	0.49	0.67	0.85
	845	27.4	1.42	0.48	0.64	0.79	26	1.63	0.48	0.65	0.82	24.2	1.86	0.49	0.67	0.85	22.4	2.1	0.5	0.7	0.89
	960	28	1.41	0.49	0.66	0.84	26.4	1.62	0.5	0.68	0.87	24.8	1.85	0.51	0.71	0.9	22.8	2.09	0.52	0.74	0.94

XP13-024-230-08 - CR33-30/36B-F + SLP98DF070V36B

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
755	24.7	1.42	19.6	1.37	14.4	1.31	10.5	1.2	5.2	0.88
845	24.9	1.39	19.9	1.33	14.6	1.28	10.8	1.17	5.4	0.84
960	25.2	1.35	20.2	1.3	14.9	1.24	11.1	1.13	5.8	0.81

**XP13-024-230-08 - CR33-30/36B-F + SLP98DF070V36B
HEATING PERFORMANCE at 845 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.39	24.9
60	1.38	23.8
55	1.36	22.6
50	1.35	21.4
47	1.34	20.7
45	1.33	19.9
40	1.31	17.8
35	1.29	15.8
30	1.28	15.2
25	1.28	14.6
20	1.27	14.1
17	1.27	13.7
15	1.26	13.3
10	1.25	12.1
5	1.17	10.8
0	1.09	9.4
-5	1.01	8.1
-10	0.92	6.8
-15	0.84	5.4
-20	0.76	4.1

XP13-024-230-08 - CX34-25A-6F + SL280UH070V36A-3

Entering Wet Bulb Temper- ature	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
63°F	845	25.6	1.51	0.78	0.94	1	24.4	1.74	0.8	0.96	1	23.2	1.99	0.82	0.99	1	21.8	2.24	0.85	1	1
	845	25.6	1.51	0.78	0.94	1	24.4	1.74	0.8	0.96	1	23.2	1.99	0.82	0.99	1	21.8	2.24	0.85	1	1
67°F	940	26	1.51	0.8	0.96	1	24.8	1.74	0.82	0.99	1	23.6	1.98	0.85	1	1	22.2	2.24	0.88	1	1
	845	26.6	1.51	0.62	0.76	0.9	25.4	1.73	0.63	0.77	0.93	24.2	1.98	0.64	0.8	0.96	22.8	2.24	0.66	0.82	0.99
	845	26.6	1.51	0.62	0.76	0.9	25.4	1.73	0.63	0.77	0.93	24.2	1.98	0.64	0.8	0.96	22.8	2.24	0.66	0.82	0.99
71°F	940	26.8	1.51	0.63	0.78	0.93	25.8	1.73	0.64	0.8	0.96	24.6	1.98	0.66	0.82	0.99	23	2.23	0.68	0.85	1
	845	27.2	1.51	0.48	0.61	0.73	26	1.73	0.49	0.62	0.75	24.8	1.98	0.49	0.63	0.77	23.4	2.23	0.5	0.65	0.81
	845	27.2	1.51	0.48	0.61	0.73	26	1.73	0.49	0.62	0.75	24.8	1.98	0.49	0.63	0.77	23.4	2.23	0.5	0.65	0.81
	940	27.4	1.5	0.49	0.62	0.76	26.4	1.73	0.49	0.63	0.77	25.2	1.97	0.5	0.65	0.79	23.6	2.23	0.5	0.66	0.83

XP13-024-230-08 - CX34-25A-6F + SL280UH070V36A-3

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
845	25.3	1.46	20	1.39	14.5	1.32	10.6	1.2	5.4	0.86
845	25.3	1.46	20	1.39	14.5	1.32	10.6	1.2	5.4	0.86
940	25.6	1.43	20.3	1.36	14.8	1.29	10.8	1.16	5.6	0.83

**XP13-024-230-08 - CX34-25A-6F + SL280UH070V36A-3
HEATING PERFORMANCE at 845 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.46	25.3
60	1.44	24.1
55	1.43	22.8
50	1.41	21.6
47	1.4	20.9
45	1.39	20
40	1.36	17.8
35	1.34	15.6
30	1.33	15
25	1.32	14.5
20	1.31	13.9
17	1.3	13.6
15	1.3	13.1
10	1.28	11.9
5	1.2	10.6
0	1.11	9.3
-5	1.03	8
-10	0.95	6.7
-15	0.86	5.4
-20	0.78	4.1

XP13-024-230-08 - CX34-25B-6F

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
63°F	700	24.8	1.52	0.76	0.89	1	23.8	1.74	0.78	0.92	1	22.4	1.99	0.79	0.94	1	21	2.25	0.82	0.98	1
	800	25.6	1.52	0.78	0.93	1	24.4	1.74	0.8	0.95	1	23	1.99	0.82	0.98	1	21.6	2.24	0.85	1	1
	900	26	1.51	0.8	0.96	1	24.8	1.74	0.82	0.99	1	23.6	1.98	0.85	1	1	22.2	2.24	0.88	1	1
67°F	700	26	1.52	0.61	0.73	0.86	25	1.74	0.62	0.75	0.88	23.6	1.98	0.63	0.77	0.91	22.2	2.24	0.64	0.79	0.94
	800	26.6	1.51	0.62	0.76	0.9	25.4	1.74	0.63	0.77	0.92	24.2	1.98	0.65	0.8	0.95	22.6	2.24	0.66	0.82	0.98
	900	27	1.51	0.64	0.78	0.93	25.8	1.73	0.65	0.8	0.95	24.6	1.98	0.66	0.82	0.99	23	2.24	0.68	0.86	1
71°F	700	26.8	1.51	0.48	0.6	0.7	25.6	1.73	0.48	0.6	0.72	24.4	1.98	0.48	0.61	0.74	23	2.23	0.49	0.63	0.77
	800	27.2	1.51	0.49	0.61	0.73	26.2	1.73	0.49	0.62	0.75	24.8	1.98	0.5	0.63	0.77	23.4	2.23	0.5	0.65	0.8
	900	27.6	1.5	0.49	0.62	0.76	26.4	1.73	0.5	0.64	0.77	25.2	1.97	0.5	0.65	0.79	23.6	2.22	0.51	0.67	0.83

XP13-024-230-08 - CX34-25B-6F

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	25.3	1.56	20	1.48	14.5	1.39	10.6	1.27	5.2	0.93
800	25.7	1.5	20.4	1.42	14.9	1.34	11	1.21	5.6	0.88
900	26	1.46	20.7	1.38	15.2	1.3	11.3	1.17	5.9	0.83

XP13-024-230-08 - CX34-25B-6F

HEATING PERFORMANCE at 800 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.5	25.7
60	1.48	24.5
55	1.46	23.2
50	1.45	22
47	1.43	21.3
45	1.42	20.4
40	1.39	18.2
35	1.36	16
30	1.35	15.4
25	1.34	14.9
20	1.33	14.3
17	1.32	14
15	1.31	13.5
10	1.29	12.3
5	1.21	11
0	1.13	9.6
-5	1.04	8.3
-10	0.96	6.9
-15	0.88	5.6
-20	0.79	4.2

XP13-024-230-08 - CX34-25B-6F + SL280UH090V36B

Entering Wet Bulb Temper- ature	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
63°F	830	25.6	1.52	0.78	0.93	1	24.4	1.74	0.79	0.95	1	23	1.99	0.82	0.98	1	21.6	2.25	0.84	1	1
	830	25.6	1.52	0.78	0.93	1	24.4	1.74	0.79	0.95	1	23	1.99	0.82	0.98	1	21.6	2.25	0.84	1	1
67°F	965	26	1.51	0.8	0.97	1	25	1.74	0.82	0.99	1	23.6	1.98	0.85	1	1	22.4	2.24	0.88	1	1
	830	26.4	1.51	0.62	0.75	0.89	25.4	1.73	0.62	0.77	0.92	24	1.98	0.64	0.79	0.95	22.6	2.24	0.65	0.82	0.98
	830	26.4	1.51	0.62	0.75	0.89	25.4	1.73	0.62	0.77	0.92	24	1.98	0.64	0.79	0.95	22.6	2.24	0.65	0.82	0.98
71°F	965	26.8	1.51	0.63	0.78	0.93	25.8	1.73	0.64	0.8	0.96	24.6	1.98	0.66	0.83	0.99	23	2.23	0.68	0.86	1
	830	27	1.51	0.48	0.6	0.73	26	1.73	0.48	0.61	0.75	24.8	1.98	0.49	0.63	0.77	23.2	2.23	0.49	0.64	0.8
	830	27	1.51	0.48	0.6	0.73	26	1.73	0.48	0.61	0.75	24.8	1.98	0.49	0.63	0.77	23.2	2.23	0.49	0.64	0.8
	965	27.4	1.5	0.48	0.62	0.76	26.4	1.73	0.49	0.63	0.78	25	1.97	0.49	0.65	0.79	23.6	2.22	0.5	0.66	0.84

XP13-024-230-08 - CX34-25B-6F + SL280UH090V36B

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	25.2	1.47	19.9	1.4	14.3	1.32	10.4	1.2	5.3	0.87
830	25.2	1.47	19.9	1.4	14.3	1.32	10.4	1.2	5.3	0.87
965	25.5	1.42	20.2	1.35	14.7	1.27	10.7	1.14	5.6	0.81

**XP13-024-230-08 - CX34-25B-6F + SL280UH090V36B
HEATING PERFORMANCE at 830 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.47	25.2
60	1.46	23.9
55	1.44	22.7
50	1.42	21.5
47	1.41	20.8
45	1.4	19.9
40	1.37	17.7
35	1.34	15.5
30	1.33	14.9
25	1.32	14.3
20	1.31	13.7
17	1.3	13.4
15	1.3	12.9
10	1.28	11.7
5	1.2	10.4
0	1.11	9.1
-5	1.03	7.9
-10	0.95	6.6
-15	0.87	5.3
-20	0.78	4

XP13-024-230-08 - CX34-25B-6F + SL280UH090V48B

Entering Wet Bulb Temper- ature	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
63°F	790	25.4	1.52	0.77	0.92	1	24.2	1.74	0.79	0.94	1	22.8	1.99	0.81	0.97	1	21.4	2.25	0.83	1	1
	790	25.4	1.52	0.77	0.92	1	24.2	1.74	0.79	0.94	1	22.8	1.99	0.81	0.97	1	21.4	2.25	0.83	1	1
	940	26	1.52	0.8	0.96	1	24.8	1.74	0.82	0.99	1	23.6	1.98	0.85	1	1	22.2	2.24	0.88	1	1
67°F	790	26.4	1.51	0.61	0.74	0.88	25.2	1.74	0.62	0.76	0.91	24	1.98	0.63	0.78	0.93	22.4	2.23	0.65	0.81	0.97
	790	26.4	1.51	0.61	0.74	0.88	25.2	1.74	0.62	0.76	0.91	24	1.98	0.63	0.78	0.93	22.4	2.23	0.65	0.81	0.97
	940	26.8	1.51	0.63	0.78	0.92	25.8	1.73	0.64	0.8	0.96	24.6	1.98	0.65	0.82	0.99	23	2.23	0.67	0.85	1
71°F	790	27	1.51	0.48	0.6	0.72	25.8	1.73	0.48	0.61	0.74	24.6	1.98	0.49	0.62	0.76	23.2	2.23	0.49	0.64	0.78
	790	27	1.51	0.48	0.6	0.72	25.8	1.73	0.48	0.61	0.74	24.6	1.98	0.49	0.62	0.76	23.2	2.23	0.49	0.64	0.78
	940	27.4	1.51	0.49	0.62	0.75	26.4	1.73	0.49	0.63	0.77	25	1.97	0.5	0.65	0.79	23.6	2.23	0.5	0.66	0.83

XP13-024-230-08 - CX34-25B-6F + SL280UH090V48B

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
790	25.2	1.49	19.9	1.42	14.3	1.33	10.4	1.21	5.3	0.87
790	25.2	1.49	19.9	1.42	14.3	1.33	10.4	1.21	5.3	0.87
940	25.5	1.44	20.2	1.36	14.7	1.27	10.8	1.15	5.7	0.81

**XP13-024-230-08 - CX34-25B-6F + SL280UH090V48B
HEATING PERFORMANCE at 790 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.49	25.2
60	1.48	23.9
55	1.46	22.7
50	1.44	21.5
47	1.43	20.8
45	1.42	19.9
40	1.39	17.7
35	1.36	15.5
30	1.35	14.9
25	1.33	14.3
20	1.32	13.8
17	1.32	13.4
15	1.31	12.9
10	1.29	11.7
5	1.21	10.4
0	1.12	9.2
-5	1.04	7.9
-10	0.96	6.6
-15	0.87	5.3
-20	0.79	4

XP13-024-230-08 - CX34-25B-6F + SLP98UH070V36B

Entering Wet Bulb Temper- ature	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
63°F	705	24.8	1.52	0.74	0.89	1	23.6	1.74	0.77	0.91	1	22.4	1.99	0.78	0.94	1	21	2.24	0.81	0.97	1
	810	25.4	1.52	0.77	0.92	1	24.4	1.74	0.79	0.95	1	23	1.99	0.81	0.98	1	21.6	2.25	0.84	1	1
	960	26	1.51	0.8	0.97	1	25	1.74	0.82	0.99	1	23.6	1.98	0.85	1	1	22.4	2.24	0.88	1	1
67°F	705	25.8	1.52	0.6	0.72	0.85	24.8	1.74	0.61	0.74	0.87	23.6	1.98	0.62	0.76	0.9	22	2.24	0.63	0.78	0.93
	810	26.4	1.51	0.61	0.75	0.89	25.2	1.73	0.62	0.76	0.91	24	1.98	0.64	0.79	0.94	22.6	2.23	0.65	0.81	0.98
	960	26.8	1.51	0.63	0.78	0.93	25.8	1.73	0.64	0.8	0.96	24.6	1.98	0.66	0.83	0.99	23	2.23	0.68	0.86	1
71°F	705	26.6	1.51	0.47	0.59	0.7	25.6	1.73	0.47	0.59	0.71	24.4	1.98	0.47	0.6	0.73	22.8	2.24	0.48	0.62	0.76
	810	27	1.51	0.48	0.6	0.72	26	1.73	0.48	0.61	0.74	24.8	1.98	0.48	0.62	0.76	23.2	2.23	0.49	0.64	0.79
	960	27.4	1.5	0.49	0.62	0.76	26.4	1.73	0.49	0.63	0.78	25	1.97	0.5	0.65	0.79	23.6	2.22	0.5	0.67	0.84

XP13-024-230-08 - CX34-25B-6F + SLP98UH070V36B

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	24.8	1.54	19.5	1.46	14	1.38	10	1.26	4.9	0.92
810	25.2	1.48	19.9	1.4	14.3	1.33	10.4	1.2	5.3	0.87
960	25.6	1.43	20.3	1.35	14.7	1.27	10.8	1.15	5.7	0.82

**XP13-024-230-08 - CX34-25B-6F + SLP98UH070V36B
HEATING PERFORMANCE at 810 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.48	25.2
60	1.46	23.9
55	1.44	22.7
50	1.43	21.5
47	1.42	20.7
45	1.4	19.9
40	1.38	17.7
35	1.35	15.5
30	1.34	14.9
25	1.33	14.3
20	1.32	13.7
17	1.31	13.4
15	1.3	12.9
10	1.28	11.7
5	1.2	10.4
0	1.12	9.1
-5	1.04	7.8
-10	0.95	6.6
-15	0.87	5.3
-20	0.79	4

XP13-030-230-08 - CBX26UH-030

Entering Wet Bulb Temper- ature	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
63°F	890	29.4	1.83	0.77	0.92	1	27.8	2.06	0.79	0.95	1	26	2.32	0.82	0.98	1	24.2	2.64	0.85	1	1
	1000	30	1.83	0.8	0.96	1	28.4	2.06	0.82	0.99	1	26.6	2.33	0.86	1	1	25	2.65	0.89	1	1
	1215	31.2	1.83	0.85	1	1	29.8	2.07	0.88	1	1	28	2.34	0.92	1	1	26.2	2.67	0.96	1	1
67°F	890	31	1.83	0.61	0.75	0.89	29.4	2.07	0.62	0.77	0.92	27.6	2.34	0.64	0.8	0.96	25.6	2.66	0.66	0.83	0.99
	1000	31.6	1.83	0.63	0.78	0.93	30	2.07	0.64	0.8	0.96	28	2.34	0.66	0.83	0.99	26	2.66	0.68	0.87	1
	1215	32.6	1.84	0.66	0.83	0.99	30.8	2.08	0.68	0.86	1	28.6	2.35	0.7	0.9	1	26.6	2.67	0.72	0.94	1
71°F	890	32.6	1.84	0.46	0.6	0.73	31	2.08	0.46	0.61	0.75	29	2.36	0.47	0.63	0.78	27	2.68	0.48	0.65	0.81
	1000	33.2	1.84	0.47	0.62	0.76	31.6	2.09	0.47	0.63	0.78	29.4	2.36	0.48	0.65	0.81	27.4	2.68	0.49	0.67	0.85
	1215	34.2	1.85	0.48	0.65	0.81	32.4	2.1	0.49	0.67	0.84	30.2	2.37	0.5	0.69	0.88	28	2.7	0.51	0.72	0.93

XP13-030-230-08 - CBX26UH-030

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
890	32.6	1.87	25.5	1.76	18.1	1.66	13.2	1.5	6.6	1.1
1000	32.8	1.81	25.8	1.71	18.3	1.6	13.4	1.45	6.8	1.05
1213	33.5	1.74	26.4	1.63	18.9	1.53	14	1.37	7.4	0.97

XP13-030-230-08 - CBX26UH-030

HEATING PERFORMANCE at 1000 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.81	32.8
60	1.79	31.2
55	1.77	29.6
50	1.74	28
47	1.73	27
45	1.71	25.8
40	1.67	22.7
35	1.63	19.6
30	1.62	19
25	1.6	18.3
20	1.59	17.7
17	1.58	17.3
15	1.57	16.7
10	1.55	15
5	1.45	13.4
0	1.35	11.8
-5	1.25	10.1
-10	1.15	8.5
-15	1.05	6.8
-20	0.95	5.2

XP13-030-230-08 - CBX27UH-030

Entering Wet Bulb Temper- ature	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
63°F	830	30.6	2	0.75	0.9	1	28.8	2.28	0.77	0.93	1	27	2.6	0.8	0.96	1	26	3	0.81	0.98	1
	1000	31.6	2.01	0.8	0.96	1	29.8	2.28	0.82	0.98	1	28.2	2.61	0.85	1	1	27.2	3.02	0.87	1	1
	1230	33	2.02	0.86	1	1	31.2	2.28	0.89	1	1	29.6	2.62	0.92	1	1	28.6	3.03	0.94	1	1
67°F	830	32.2	2.01	0.59	0.73	0.86	30.4	2.28	0.6	0.75	0.89	28.6	2.62	0.62	0.77	0.92	27.6	3.02	0.63	0.79	0.94
	1000	33.4	2.01	0.62	0.78	0.93	31.4	2.29	0.63	0.8	0.96	29.6	2.61	0.65	0.82	0.98	28.4	3.02	0.66	0.84	1
	1230	34.6	2.02	0.66	0.84	0.99	32.4	2.29	0.68	0.87	1	30.6	2.63	0.69	0.9	1	29.2	3.03	0.71	0.92	1
71°F	830	34	2.02	0.45	0.58	0.71	32	2.29	0.45	0.59	0.72	30.2	2.63	0.46	0.61	0.75	29	3.04	0.46	0.61	0.76
	1000	35.2	2.02	0.46	0.61	0.76	33	2.3	0.47	0.62	0.78	31.2	2.63	0.47	0.64	0.8	30	3.05	0.48	0.65	0.82
	1230	36.2	2.03	0.48	0.65	0.82	34.2	2.31	0.49	0.67	0.85	32.2	2.65	0.49	0.69	0.88	30.8	3.06	0.5	0.7	0.9

XP13-030-230-08 - CBX27UH-030

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	32.7	1.9	25.4	1.79	17.7	1.67	12.6	1.51	6.2	1.12
1000	33.2	1.81	25.9	1.7	18.2	1.59	13.2	1.43	6.8	1.03
1230	33.7	1.73	26.4	1.62	18.7	1.5	13.7	1.34	7.3	0.95

XP13-030-230-08 - CBX27UH-030

HEATING PERFORMANCE at 1000 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.81	33.2
60	1.78	31.5
55	1.76	29.9
50	1.73	28.2
47	1.72	27.2
45	1.7	25.9
40	1.66	22.8
35	1.62	19.6
30	1.6	18.9
25	1.59	18.2
20	1.57	17.6
17	1.56	17.1
15	1.55	16.5
10	1.52	14.8
5	1.43	13.2
0	1.33	11.6
-5	1.23	10
-10	1.13	8.4
-15	1.03	6.8
-20	0.94	5.1

XP13-030-230-08 - CBX27UH-036

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
63°F	805	30.4	2.01	0.75	0.89	1	28.6	2.28	0.77	0.92	1	26.8	2.6	0.79	0.95	1	25.8	3	0.8	0.97	1
	1000	31.6	2.01	0.8	0.96	1	29.8	2.28	0.82	0.98	1	28.2	2.61	0.85	1	1	27.2	3.02	0.87	1	1
	1210	33	2.01	0.85	1	1	31.2	2.29	0.88	1	1	29.6	2.62	0.92	1	1	28.4	3.03	0.94	1	1
67°F	805	32	2.01	0.59	0.72	0.85	30.2	2.28	0.6	0.74	0.88	28.4	2.61	0.61	0.76	0.91	27.4	3.02	0.62	0.78	0.93
	1000	33.4	2.01	0.62	0.78	0.93	31.4	2.29	0.63	0.8	0.96	29.6	2.61	0.65	0.82	0.98	28.4	3.02	0.66	0.84	1
	1210	34.4	2.02	0.66	0.83	0.99	32.4	2.29	0.67	0.86	1	30.4	2.63	0.69	0.89	1	29.2	3.04	0.7	0.92	1
71°F	805	33.8	2.01	0.45	0.58	0.7	31.8	2.29	0.45	0.59	0.72	30	2.62	0.46	0.6	0.74	29	3.04	0.46	0.61	0.75
	1000	35.2	2.02	0.46	0.61	0.76	33	2.3	0.47	0.62	0.78	31.2	2.63	0.47	0.64	0.8	30	3.05	0.48	0.65	0.82
	1210	36.2	2.03	0.48	0.65	0.81	34.2	2.31	0.48	0.66	0.84	32	2.65	0.49	0.68	0.87	30.8	3.06	0.5	0.7	0.9

XP13-030-230-08 - CBX27UH-036

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
805	32.5	1.91	25.2	1.8	17.6	1.69	12.5	1.53	6.1	1.14
1000	33.1	1.81	25.9	1.7	18.2	1.59	13.1	1.43	6.7	1.03
1210	33.6	1.73	26.3	1.62	18.6	1.51	13.6	1.35	7.2	0.96

XP13-030-230-08 - CBX27UH-036

HEATING PERFORMANCE at 1000 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.81	33.1
60	1.78	31.5
55	1.76	29.8
50	1.73	28.1
47	1.72	27.1
45	1.7	25.9
40	1.66	22.7
35	1.62	19.6
30	1.6	18.9
25	1.59	18.2
20	1.57	17.5
17	1.56	17.1
15	1.55	16.4
10	1.52	14.7
5	1.43	13.1
0	1.33	11.5
-5	1.23	9.9
-10	1.13	8.3
-15	1.03	6.7
-20	0.94	5.1

XP13-030-230-08 - CBX32M-036

Entering Wet Bulb Temper- ature	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
63°F	1000	31.6	2.01	0.8	0.96	1	29.8	2.28	0.82	0.98	1	28.2	2.61	0.85	1	1	27.2	3.02	0.87	1	1
	1000	31.6	2.01	0.8	0.96	1	29.8	2.28	0.82	0.98	1	28.2	2.61	0.85	1	1	27.2	3.02	0.87	1	1
	1185	32.8	2.01	0.85	1	1	31	2.29	0.88	1	1	29.4	2.62	0.91	1	1	28.4	3.03	0.93	1	1
67°F	1000	33.4	2.01	0.62	0.78	0.93	31.4	2.29	0.63	0.8	0.96	29.6	2.61	0.65	0.82	0.98	28.4	3.02	0.66	0.84	1
	1000	33.4	2.01	0.62	0.78	0.93	31.4	2.29	0.63	0.8	0.96	29.6	2.61	0.65	0.82	0.98	28.4	3.02	0.66	0.84	1
	1185	34.4	2.02	0.65	0.83	0.98	32.4	2.29	0.67	0.85	1	30.4	2.63	0.69	0.88	1	29.2	3.04	0.7	0.91	1
71°F	1000	35.2	2.02	0.46	0.61	0.76	33	2.3	0.47	0.62	0.78	31.2	2.63	0.47	0.64	0.8	30	3.05	0.48	0.65	0.82
	1000	35.2	2.02	0.46	0.61	0.76	33	2.3	0.47	0.62	0.78	31.2	2.63	0.47	0.64	0.8	30	3.05	0.48	0.65	0.82
	1185	36	2.03	0.48	0.64	0.81	34	2.31	0.48	0.66	0.83	32	2.64	0.49	0.68	0.86	30.6	3.07	0.49	0.69	0.89

XP13-030-230-08 - CBX32M-036

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	33.5	1.81	26.2	1.7	18.5	1.59	13.5	1.43	6.9	1.03
1000	33.5	1.81	26.2	1.7	18.5	1.59	13.5	1.43	6.9	1.03
1185	34.1	1.74	26.8	1.63	19.1	1.52	14	1.36	7.4	0.97

XP13-030-230-08 - CBX32M-036

HEATING PERFORMANCE at 1000 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.81	33.5
60	1.78	31.9
55	1.76	30.2
50	1.73	28.5
47	1.72	27.5
45	1.7	26.2
40	1.66	23.1
35	1.62	19.9
30	1.6	19.2
25	1.59	18.5
20	1.57	17.9
17	1.56	17.5
15	1.55	16.8
10	1.52	15.1
5	1.43	13.5
0	1.33	11.8
-5	1.23	10.2
-10	1.13	8.5
-15	1.03	6.9
-20	0.94	5.2

XP13-030-230-08 - CBX32MV-024/030

Entering Wet Bulb Temper- ature	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
63°F	880	30.6	1.94	0.76	0.91	1	28.8	2.2	0.79	0.94	1	27	2.51	0.81	0.97	1	25.6	2.88	0.83	0.99	1
	1000	31.4	1.95	0.8	0.96	1	29.6	2.2	0.82	0.98	1	27.8	2.52	0.85	1	1	26.6	2.89	0.87	1	1
	1100	32	1.95	0.83	0.98	1	30.2	2.21	0.85	1	1	28.4	2.52	0.88	1	1	27.2	2.9	0.91	1	1
67°F	880	32.4	1.95	0.6	0.74	0.88	30.6	2.21	0.61	0.76	0.91	28.6	2.52	0.63	0.79	0.94	27.2	2.9	0.64	0.81	0.97
	1000	33.2	1.95	0.62	0.78	0.93	31.2	2.22	0.63	0.8	0.96	29.2	2.52	0.65	0.83	0.98	27.8	2.91	0.66	0.85	1
	1100	33.6	1.96	0.64	0.8	0.96	31.8	2.22	0.65	0.83	0.98	29.6	2.53	0.67	0.86	1	28.2	2.91	0.69	0.88	1
71°F	880	34	1.96	0.45	0.59	0.72	32.2	2.22	0.46	0.6	0.74	30.2	2.53	0.46	0.62	0.77	28.6	2.91	0.47	0.63	0.79
	1000	34.8	1.96	0.46	0.61	0.75	32.8	2.22	0.47	0.62	0.78	30.8	2.54	0.47	0.64	0.81	29.2	2.93	0.48	0.66	0.83
	1100	35.2	1.96	0.47	0.63	0.78	33.4	2.23	0.47	0.64	0.81	31.2	2.55	0.48	0.66	0.84	29.6	2.93	0.49	0.68	0.86

XP13-030-230-08 - CBX32MV-024/030

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	33	1.91	25.7	1.79	17.9	1.66	12.8	1.5	6.3	1.1
1000	33.5	1.86	26.1	1.73	18.3	1.6	13.3	1.44	6.8	1.05
1100	33.8	1.82	26.4	1.69	18.6	1.56	13.6	1.4	7.1	1.01

XP13-030-230-08 - CBX32MV-024/030

HEATING PERFORMANCE at 1000 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.86	33.5
60	1.83	31.8
55	1.8	30.1
50	1.77	28.4
47	1.75	27.4
45	1.73	26.1
40	1.68	22.9
35	1.63	19.6
30	1.62	19
25	1.6	18.3
20	1.59	17.7
17	1.58	17.3
15	1.57	16.6
10	1.54	14.9
5	1.44	13.3
0	1.34	11.7
-5	1.24	10.1
-10	1.14	8.4
-15	1.05	6.8
-20	0.95	5.2

XP13-030-230-08 - CBX32MV-036

Entering Wet Bulb Temper- ature	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
63°F	900	31	2.01	0.77	0.92	1	29.2	2.28	0.8	0.95	1	27.4	2.6	0.82	0.98	1	26.4	3.01	0.83	1	1
	975	31.4	2.01	0.79	0.95	1	29.6	2.28	0.82	0.98	1	28	2.61	0.84	1	1	27	3.01	0.86	1	1
	1125	32.4	2.01	0.83	0.99	1	30.6	2.29	0.86	1	1	29	2.61	0.89	1	1	28	3.02	0.91	1	1
67°F	900	32.8	2.01	0.6	0.75	0.89	31	2.29	0.62	0.77	0.92	29	2.61	0.63	0.8	0.95	28	3.03	0.64	0.81	0.97
	975	33.4	2.02	0.62	0.77	0.92	31.4	2.29	0.63	0.79	0.95	29.6	2.61	0.65	0.82	0.98	28.4	3.02	0.66	0.84	0.99
	1125	34	2.01	0.64	0.81	0.97	32.2	2.29	0.66	0.84	0.99	30.2	2.62	0.67	0.87	1	28.8	3.03	0.69	0.89	1
71°F	900	34.4	2.01	0.45	0.59	0.72	32.6	2.3	0.46	0.61	0.75	30.6	2.63	0.47	0.62	0.77	29.4	3.04	0.47	0.63	0.79
	975	35	2.02	0.46	0.61	0.75	33	2.3	0.46	0.62	0.77	31	2.63	0.47	0.63	0.8	29.8	3.04	0.47	0.65	0.81
	1125	35.8	2.02	0.47	0.63	0.79	33.8	2.31	0.48	0.65	0.82	31.8	2.64	0.48	0.67	0.84	30.4	3.06	0.49	0.68	0.87

XP13-030-230-08 - CBX32MV-036

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	32.9	1.86	25.7	1.75	18	1.63	13	1.47	6.5	1.08
975	33.2	1.82	25.9	1.71	18.3	1.59	13.3	1.43	6.8	1.04
1125	33.6	1.76	26.3	1.65	18.7	1.54	13.7	1.37	7.2	0.98

XP13-030-230-08 - CBX32MV-036

HEATING PERFORMANCE at 975 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.82	33.2
60	1.8	31.5
55	1.77	29.8
50	1.74	28.2
47	1.73	27.2
45	1.71	25.9
40	1.67	22.8
35	1.63	19.6
30	1.61	19
25	1.59	18.3
20	1.58	17.6
17	1.57	17.2
15	1.56	16.5
10	1.53	14.9
5	1.43	13.3
0	1.33	11.6
-5	1.24	10
-10	1.14	8.4
-15	1.04	6.8
-20	0.94	5.2

XP13-030-230-08 - CBX40UHV-024

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
63°F	850	30.6	2.01	0.76	0.91	1	28.8	2.28	0.78	0.94	1	27.2	2.6	0.8	0.97	1	26	3	0.82	0.98	1
	950	31.4	2.01	0.79	0.94	1	29.4	2.28	0.81	0.97	1	27.8	2.61	0.83	1	1	26.8	3.01	0.85	1	1
	1050	32	2.01	0.81	0.97	1	30.2	2.29	0.84	1	1	28.6	2.62	0.87	1	1	27.6	3.02	0.88	1	1
67°F	850	32.4	2.01	0.6	0.74	0.87	30.6	2.29	0.61	0.76	0.9	28.8	2.62	0.62	0.78	0.93	27.8	3.02	0.63	0.79	0.95
	950	33.2	2.01	0.61	0.76	0.91	31.2	2.29	0.63	0.79	0.94	29.4	2.62	0.64	0.81	0.97	28.2	3.02	0.65	0.83	0.99
	1050	33.8	2.01	0.63	0.79	0.94	31.8	2.29	0.64	0.81	0.97	29.8	2.62	0.66	0.84	1	28.6	3.03	0.67	0.86	1
71°F	850	34	2.01	0.45	0.58	0.71	32.2	2.29	0.45	0.59	0.73	30.4	2.63	0.46	0.61	0.75	29.2	3.04	0.46	0.62	0.77
	950	34.8	2.02	0.46	0.6	0.74	32.8	2.3	0.46	0.61	0.76	31	2.63	0.47	0.63	0.79	29.8	3.04	0.47	0.64	0.81
	1050	35.4	2.02	0.46	0.62	0.77	33.4	2.3	0.47	0.63	0.8	31.4	2.64	0.48	0.65	0.82	30.2	3.05	0.48	0.66	0.84

XP13-030-230-08 - CBX40UHV-024

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
850	32.7	1.89	25.5	1.77	17.9	1.66	12.9	1.49	6.4	1.1
950	33	1.84	25.8	1.72	18.2	1.6	13.2	1.44	6.7	1.04
1050	33.3	1.79	26.1	1.68	18.5	1.56	13.5	1.4	7	1

XP13-030-230-08 - CBX40UHV-024

HEATING PERFORMANCE at 950 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.84	33
60	1.81	31.4
55	1.78	29.7
50	1.75	28
47	1.74	27.1
45	1.72	25.8
40	1.68	22.7
35	1.64	19.5
30	1.62	18.9
25	1.6	18.2
20	1.59	17.5
17	1.57	17.1
15	1.56	16.4
10	1.54	14.8
5	1.44	13.2
0	1.34	11.6
-5	1.24	10
-10	1.14	8.3
-15	1.04	6.7
-20	0.95	5.1

XP13-030-230-08 - CBX40UHV-030

Entering Wet Bulb Temper- ature	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
63°F	880	30.8	2.01	0.77	0.91	1	29	2.28	0.79	0.95	1	27.4	2.6	0.81	0.98	1	26.2	3	0.83	0.99	1
	1000	31.6	2.01	0.8	0.96	1	29.8	2.28	0.82	0.98	1	28.2	2.61	0.85	1	1	27.2	3.02	0.87	1	1
	1100	32.2	2.01	0.83	0.99	1	30.4	2.29	0.85	1	1	28.8	2.61	0.88	1	1	27.8	3.01	0.9	1	1
67°F	880	32.6	2.01	0.6	0.74	0.88	30.8	2.29	0.61	0.77	0.91	29	2.61	0.63	0.79	0.94	27.8	3.03	0.64	0.8	0.97
	1000	33.4	2.01	0.62	0.78	0.93	31.4	2.29	0.63	0.8	0.96	29.6	2.61	0.65	0.82	0.98	28.4	3.02	0.66	0.84	1
	1100	34	2.01	0.64	0.8	0.96	32	2.29	0.65	0.83	0.99	30.2	2.62	0.67	0.86	1	28.8	3.03	0.68	0.88	1
71°F	880	34.4	2.01	0.45	0.59	0.72	32.4	2.3	0.46	0.6	0.74	30.6	2.63	0.46	0.61	0.77	29.4	3.04	0.47	0.62	0.78
	1000	35.2	2.02	0.46	0.61	0.76	33	2.3	0.47	0.62	0.78	31.2	2.63	0.47	0.64	0.8	30	3.05	0.48	0.65	0.82
	1100	35.6	2.02	0.47	0.63	0.78	33.6	2.31	0.48	0.64	0.81	31.6	2.64	0.48	0.66	0.84	30.4	3.06	0.49	0.67	0.86

XP13-030-230-08 - CBX40UHV-030

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	32.9	1.87	25.6	1.76	17.9	1.64	12.9	1.48	6.4	1.09
1000	33.2	1.81	26	1.7	18.3	1.59	13.2	1.43	6.8	1.03
1100	33.5	1.77	26.2	1.66	18.5	1.55	13.5	1.39	7	1

XP13-030-230-08 - CBX40UHV-030

HEATING PERFORMANCE at 1000 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.81	33.2
60	1.78	31.6
55	1.76	29.9
50	1.73	28.2
47	1.72	27.2
45	1.7	26
40	1.66	22.8
35	1.62	19.6
30	1.6	19
25	1.59	18.3
20	1.57	17.6
17	1.56	17.2
15	1.55	16.5
10	1.52	14.8
5	1.43	13.2
0	1.33	11.6
-5	1.23	10
-10	1.13	8.4
-15	1.03	6.8
-20	0.94	5.2

XP13-030-230-08 - CBX40UHV-036

Entering Wet Bulb Temper- ature	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
63°F	900	31	2.01	0.77	0.92	1	29.2	2.28	0.8	0.95	1	27.4	2.6	0.82	0.98	1	26.4	3.01	0.83	1	1
	1000	31.6	2.01	0.8	0.96	1	29.8	2.28	0.82	0.98	1	28.2	2.61	0.85	1	1	27.2	3.02	0.87	1	1
	1125	32.4	2.01	0.83	0.99	1	30.6	2.29	0.86	1	1	29	2.61	0.89	1	1	28	3.02	0.91	1	1
67°F	900	32.8	2.01	0.6	0.75	0.89	31	2.29	0.62	0.77	0.92	29	2.61	0.63	0.8	0.95	28	3.03	0.64	0.81	0.97
	1000	33.4	2.01	0.62	0.78	0.93	31.4	2.29	0.63	0.8	0.96	29.6	2.61	0.65	0.82	0.98	28.4	3.02	0.66	0.84	1
	1125	34	2.01	0.64	0.81	0.97	32.2	2.29	0.66	0.84	0.99	30.2	2.62	0.67	0.87	1	28.8	3.03	0.69	0.89	1
71°F	900	34.4	2.01	0.45	0.59	0.72	32.6	2.3	0.46	0.61	0.75	30.6	2.63	0.47	0.62	0.77	29.4	3.04	0.47	0.63	0.79
	1000	35.2	2.02	0.46	0.61	0.76	33	2.3	0.47	0.62	0.78	31.2	2.63	0.47	0.64	0.8	30	3.05	0.48	0.65	0.82
	1125	35.8	2.02	0.47	0.63	0.79	33.8	2.31	0.48	0.65	0.82	31.8	2.64	0.48	0.67	0.84	30.4	3.06	0.49	0.68	0.87

XP13-030-230-08 - CBX40UHV-036

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	32.9	1.86	25.6	1.75	17.9	1.63	12.9	1.47	6.5	1.08
1000	33.2	1.81	25.9	1.7	18.2	1.59	13.2	1.43	6.7	1.03
1125	33.5	1.76	26.3	1.65	18.6	1.54	13.5	1.38	7.1	0.99

XP13-030-230-08 - CBX40UHV-036

HEATING PERFORMANCE at 1000 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.81	33.2
60	1.78	31.5
55	1.76	29.8
50	1.73	28.2
47	1.72	27.2
45	1.7	25.9
40	1.66	22.7
35	1.62	19.6
30	1.6	18.9
25	1.59	18.2
20	1.57	17.5
17	1.56	17.1
15	1.55	16.5
10	1.52	14.8
5	1.43	13.2
0	1.33	11.6
-5	1.23	10
-10	1.13	8.4
-15	1.03	6.7
-20	0.94	5.1

XP13-030-230-08 - CH33-31B-2F

Entering Wet Bulb Temper- ature	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
63°F	875	29.6	1.83	0.79	0.94	1	28	2.06	0.81	0.97	1	26	2.32	0.84	1	1	24.4	2.64	0.88	1	1
	1000	30.4	1.83	0.83	0.98	1	28.6	2.06	0.85	1	1	27	2.33	0.88	1	1	25.4	2.65	0.92	1	1
	1125	31	1.83	0.86	1	1	29.4	2.07	0.88	1	1	27.8	2.34	0.92	1	1	26	2.66	0.96	1	1
67°F	875	31	1.83	0.62	0.77	0.91	29.4	2.07	0.64	0.79	0.93	27.4	2.33	0.66	0.82	0.97	25.6	2.65	0.68	0.85	1
	1000	31.8	1.83	0.65	0.8	0.95	30	2.07	0.66	0.83	0.98	28	2.34	0.68	0.86	1	26	2.66	0.7	0.9	1
	1125	32.4	1.84	0.67	0.83	0.99	30.6	2.07	0.69	0.86	1	28.6	2.34	0.71	0.9	1	26.6	2.66	0.73	0.94	1
71°F	875	32.2	1.83	0.49	0.61	0.74	30.6	2.07	0.48	0.62	0.77	28.8	2.35	0.49	0.65	0.79	26.8	2.67	0.5	0.67	0.83
	1000	33.2	1.84	0.48	0.63	0.78	31.4	2.08	0.49	0.65	0.8	29.4	2.35	0.51	0.67	0.84	27.4	2.68	0.52	0.7	0.87
	1125	33.8	1.85	0.49	0.66	0.81	32	2.09	0.51	0.68	0.84	29.8	2.36	0.51	0.7	0.88	27.8	2.68	0.53	0.72	0.92

XP13-030-230-08 - CH33-31B-2F

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
875	32.4	1.93	25.4	1.82	18	1.71	13.2	1.55	6.5	1.14
1000	32.9	1.87	25.9	1.76	18.5	1.65	13.6	1.49	6.9	1.08
1125	33.2	1.82	26.3	1.71	18.9	1.6	14	1.44	7.3	1.03

XP13-030-230-08 - CH33-31B-2F

HEATING PERFORMANCE at 1000 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.87	32.9
60	1.84	31.3
55	1.82	29.7
50	1.79	28.1
47	1.78	27.1
45	1.76	25.9
40	1.72	22.8
35	1.68	19.7
30	1.66	19.1
25	1.65	18.5
20	1.63	17.9
17	1.62	17.5
15	1.61	16.9
10	1.59	15.3
5	1.49	13.6
0	1.38	12
-5	1.28	10.3
-10	1.18	8.6
-15	1.08	6.9
-20	0.98	5.3

XP13-030-230-08 - CH33-31B-2F + SL280UH090V36B

Entering Wet Bulb Temper- ature	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
63°F	830	29	1.82	0.77	0.91	1	27.6	2.06	0.79	0.94	1	25.6	2.32	0.81	0.98	1	24	2.63	0.85	1	1
	1015	30.2	1.83	0.82	0.98	1	28.6	2.06	0.84	1	1	26.8	2.33	0.87	1	1	25.2	2.64	0.91	1	1
	1175	31	1.83	0.86	1	1	29.6	2.07	0.89	1	1	27.8	2.34	0.92	1	1	26.2	2.66	0.97	1	1
67°F	830	30.6	1.83	0.62	0.75	0.88	29	2.06	0.62	0.76	0.91	27	2.33	0.64	0.79	0.94	25.2	2.65	0.65	0.82	0.98
	1015	31.8	1.83	0.63	0.79	0.95	30	2.07	0.65	0.82	0.98	28	2.34	0.67	0.85	1	26	2.65	0.69	0.89	1
	1175	32.4	1.84	0.66	0.84	1	30.6	2.07	0.68	0.86	1	28.6	2.34	0.7	0.9	1	26.6	2.67	0.73	0.94	1
71°F	830	32	1.83	0.46	0.6	0.72	30.2	2.07	0.46	0.6	0.74	28.4	2.34	0.47	0.62	0.77	26.6	2.66	0.48	0.64	0.8
	1015	33	1.84	0.48	0.62	0.77	31.4	2.08	0.48	0.64	0.8	29.2	2.35	0.49	0.66	0.83	27.2	2.68	0.5	0.68	0.86
	1175	33.8	1.85	0.49	0.65	0.82	32	2.09	0.49	0.67	0.84	29.8	2.36	0.51	0.69	0.88	27.8	2.68	0.52	0.72	0.92

XP13-030-230-08 - CH33-31B-2F + SL280UH090V36B

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	31.6	1.94	24.6	1.84	17.2	1.73	12.4	1.57	6	1.16
1015	32.2	1.85	25.2	1.74	17.9	1.63	13	1.47	6.6	1.07
1175	32.7	1.78	25.7	1.68	18.3	1.57	13.4	1.41	7.1	1.01

**XP13-030-230-08 - CH33-31B-2F + SL280UH090V36B
HEATING PERFORMANCE at 1015 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.85	32.2
60	1.82	30.6
55	1.8	29
50	1.77	27.4
47	1.76	26.5
45	1.74	25.2
40	1.7	22.2
35	1.66	19.1
30	1.65	18.5
25	1.63	17.9
20	1.62	17.2
17	1.61	16.8
15	1.6	16.2
10	1.57	14.6
5	1.47	13
0	1.37	11.4
-5	1.27	9.8
-10	1.17	8.2
-15	1.07	6.6
-20	0.97	5.1

XP13-030-230-08 - CH33-31B-2F + SL280UH090V48B

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
63°F	790	28.8	1.82	0.76	0.9	1	27.2	2.06	0.78	0.93	1	25.4	2.32	0.81	0.96	1	23.6	2.63	0.83	1	1
	1030	30.4	1.83	0.82	0.98	1	28.6	2.06	0.85	1	1	27	2.33	0.88	1	1	25.4	2.65	0.92	1	1
	1200	31.2	1.83	0.87	1	1	29.8	2.07	0.89	1	1	28	2.34	0.93	1	1	26.2	2.66	0.97	1	1
67°F	790	30.2	1.83	0.61	0.73	0.86	28.6	2.06	0.61	0.75	0.89	26.8	2.33	0.63	0.78	0.93	25	2.64	0.65	0.81	0.96
	1030	31.8	1.83	0.64	0.8	0.95	30.2	2.07	0.66	0.82	0.98	28	2.34	0.68	0.86	1	26	2.65	0.7	0.89	1
	1200	32.6	1.84	0.67	0.84	1	30.8	2.08	0.69	0.87	1	28.8	2.35	0.71	0.91	1	26.6	2.67	0.74	0.95	1
71°F	790	31.6	1.83	0.46	0.59	0.71	30	2.07	0.46	0.6	0.73	28.2	2.34	0.47	0.62	0.76	26.4	2.66	0.48	0.64	0.79
	1030	33.2	1.84	0.48	0.63	0.78	31.4	2.08	0.48	0.65	0.8	29.4	2.35	0.5	0.67	0.83	27.4	2.67	0.5	0.69	0.87
	1200	34	1.85	0.49	0.66	0.82	32.2	2.09	0.5	0.68	0.85	30	2.36	0.5	0.7	0.89	28	2.68	0.52	0.73	0.93

XP13-030-230-08 - CH33-31B-2F + SL280UH090V48B

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
790	31.6	1.97	24.6	1.86	17.2	1.75	12.3	1.59	5.9	1.19
1030	32.4	1.84	25.4	1.74	17.9	1.63	13.1	1.47	6.7	1.06
1200	32.8	1.78	25.8	1.68	18.4	1.57	13.5	1.41	7.1	1

**XP13-030-230-08 - CH33-31B-2F + SL280UH090V48B
HEATING PERFORMANCE at 1030 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.84	32.4
60	1.82	30.8
55	1.79	29.2
50	1.77	27.5
47	1.75	26.6
45	1.74	25.4
40	1.7	22.3
35	1.66	19.2
30	1.64	18.6
25	1.63	17.9
20	1.61	17.3
17	1.6	16.9
15	1.59	16.3
10	1.57	14.7
5	1.47	13.1
0	1.37	11.5
-5	1.27	9.9
-10	1.17	8.3
-15	1.06	6.7
-20	0.96	5.1

XP13-030-230-08 - CH33-31B-2F + SLP98UH070V36B

Entering Wet Bulb Temper- ature	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
63°F	860	29.4	1.82	0.78	0.93	1	27.8	2.06	0.8	0.96	1	25.8	2.32	0.83	0.99	1	24.2	2.63	0.86	1	1
	1005	30.2	1.83	0.82	0.98	1	28.6	2.06	0.84	1	1	26.8	2.33	0.87	1	1	25.2	2.64	0.91	1	1
	1130	30.8	1.83	0.85	1	1	29.4	2.07	0.88	1	1	27.6	2.34	0.91	1	1	26	2.66	0.95	1	1
67°F	860	30.8	1.83	0.61	0.75	0.89	29.2	2.07	0.63	0.78	0.92	27.2	2.33	0.64	0.8	0.96	25.4	2.65	0.66	0.83	0.99
	1005	31.8	1.84	0.63	0.79	0.95	30	2.07	0.65	0.82	0.98	28	2.34	0.67	0.85	1	26	2.65	0.69	0.89	1
	1130	32.4	1.84	0.66	0.83	0.99	30.6	2.07	0.68	0.85	1	28.4	2.34	0.69	0.89	1	26.4	2.66	0.72	0.93	1
71°F	860	32	1.83	0.47	0.6	0.73	30.4	2.07	0.47	0.61	0.75	28.6	2.35	0.48	0.63	0.78	26.6	2.67	0.49	0.65	0.81
	1005	33	1.84	0.47	0.62	0.77	31.4	2.08	0.48	0.64	0.8	29.2	2.35	0.49	0.66	0.83	27.2	2.68	0.5	0.69	0.86
	1130	33.6	1.84	0.48	0.65	0.81	32	2.09	0.5	0.67	0.83	29.8	2.36	0.5	0.69	0.87	27.6	2.68	0.5	0.71	0.91

XP13-030-230-08 - CH33-31B-2F + SLP98UH070V36B

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
860	31.8	1.93	24.8	1.82	17.5	1.7	12.6	1.54	6.2	1.14
1005	32.3	1.86	25.4	1.75	18	1.64	13.1	1.47	6.7	1.07
1130	32.7	1.81	25.7	1.7	18.3	1.59	13.5	1.42	7.1	1.02

**XP13-030-230-08 - CH33-31B-2F + SLP98UH070V36B
HEATING PERFORMANCE at 1005 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.86	32.3
60	1.83	30.7
55	1.81	29.1
50	1.78	27.5
47	1.76	26.6
45	1.75	25.4
40	1.71	22.3
35	1.67	19.2
30	1.65	18.6
25	1.64	18
20	1.62	17.3
17	1.61	17
15	1.6	16.3
10	1.57	14.7
5	1.47	13.1
0	1.37	11.5
-5	1.27	9.9
-10	1.17	8.3
-15	1.07	6.7
-20	0.97	5.1

XP13-030-230-08 - CH33-42B-2F

Entering Wet Bulb Temper- ature	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
63°F	875	29.2	1.82	0.78	0.93	1	27.6	2.06	0.81	0.96	1	25.8	2.32	0.83	0.99	1	24.2	2.63	0.87	1	1
	1000	30	1.83	0.81	0.97	1	28.4	2.06	0.84	1	1	26.6	2.33	0.87	1	1	25	2.64	0.91	1	1
	1125	30.6	1.83	0.84	1	1	29	2.06	0.87	1	1	27.4	2.33	0.91	1	1	25.8	2.66	0.94	1	1
67°F	875	30.8	1.83	0.62	0.76	0.89	29.2	2.06	0.63	0.78	0.92	27.2	2.33	0.65	0.81	0.96	25.4	2.65	0.67	0.84	1
	1000	31.6	1.83	0.64	0.79	0.94	29.8	2.07	0.66	0.81	0.97	27.8	2.34	0.67	0.85	1	25.8	2.66	0.69	0.88	1
	1125	32.2	1.84	0.66	0.82	0.98	30.4	2.07	0.68	0.85	1	28.2	2.34	0.7	0.88	1	26.4	2.66	0.72	0.92	1
71°F	875	32	1.83	0.48	0.61	0.73	30.4	2.07	0.48	0.62	0.75	28.6	2.34	0.48	0.64	0.78	26.6	2.67	0.5	0.66	0.82
	1000	32.8	1.84	0.48	0.63	0.77	31.2	2.08	0.49	0.64	0.79	29.2	2.35	0.5	0.66	0.82	27	2.67	0.51	0.68	0.86
	1125	33.4	1.84	0.49	0.65	0.8	31.6	2.08	0.5	0.67	0.83	29.6	2.36	0.51	0.69	0.86	27.6	2.68	0.52	0.71	0.9

XP13-030-230-08 - CH33-42B-2F

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
875	32.2	1.96	25.3	1.85	18	1.73	13.1	1.56	6.4	1.15
1000	32.7	1.9	25.8	1.78	18.5	1.67	13.6	1.5	6.9	1.09
1125	33.1	1.85	26.2	1.73	18.9	1.62	14	1.45	7.3	1.04

XP13-030-230-08 - CH33-42B-2F

HEATING PERFORMANCE at 1000 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.9	32.7
60	1.87	31.1
55	1.84	29.5
50	1.82	28
47	1.8	27
45	1.78	25.8
40	1.74	22.7
35	1.7	19.6
30	1.68	19.1
25	1.67	18.5
20	1.65	17.9
17	1.64	17.5
15	1.63	16.9
10	1.6	15.3
5	1.5	13.6
0	1.4	12
-5	1.3	10.3
-10	1.19	8.6
-15	1.09	6.9
-20	0.99	5.3

XP13-030-230-08 - CH33-42B-2F + SL280UH090V36B

Entering Wet Bulb Temper- ature	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
63°F	830	28.8	1.82	0.76	0.9	1	27.2	2.06	0.78	0.93	1	25.4	2.32	0.81	0.97	1	23.6	2.63	0.84	1	1
	1015	30	1.83	0.81	0.97	1	28.4	2.06	0.83	0.99	1	26.4	2.32	0.86	1	1	24.8	2.64	0.9	1	1
	1175	30.6	1.83	0.84	1	1	29.2	2.06	0.87	1	1	27.4	2.33	0.91	1	1	25.8	2.66	0.95	1	1
67°F	830	30.2	1.83	0.61	0.74	0.87	28.6	2.06	0.61	0.76	0.89	26.8	2.33	0.63	0.78	0.93	25	2.64	0.65	0.81	0.97
	1015	31.4	1.83	0.63	0.78	0.93	29.8	2.07	0.65	0.81	0.96	27.8	2.34	0.67	0.84	1	25.8	2.65	0.68	0.87	1
	1175	32.2	1.84	0.66	0.82	0.98	30.4	2.07	0.67	0.85	1	28.4	2.34	0.69	0.88	1	26.4	2.66	0.72	0.93	1
71°F	830	31.6	1.83	0.46	0.59	0.71	30	2.07	0.47	0.6	0.73	28.2	2.34	0.47	0.62	0.76	26.4	2.66	0.48	0.64	0.79
	1015	32.8	1.84	0.47	0.62	0.76	31	2.08	0.48	0.63	0.78	29	2.35	0.49	0.65	0.81	27	2.67	0.5	0.67	0.85
	1175	33.4	1.84	0.48	0.64	0.8	31.8	2.08	0.49	0.66	0.83	29.6	2.36	0.5	0.68	0.86	27.6	2.68	0.52	0.71	0.9

XP13-030-230-08 - CH33-42B-2F + SL280UH090V36B

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	31.5	1.97	24.5	1.86	17.2	1.74	12.4	1.58	6	1.17
1015	32.1	1.88	25.1	1.76	17.8	1.65	13	1.48	6.6	1.07
1175	32.5	1.82	25.6	1.7	18.2	1.59	13.4	1.42	7.1	1.02

**XP13-030-230-08 - CH33-42B-2F + SL280UH090V36B
HEATING PERFORMANCE at 1015 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.88	32.1
60	1.85	30.5
55	1.82	28.9
50	1.8	27.3
47	1.78	26.4
45	1.76	25.1
40	1.72	22.1
35	1.68	19.1
30	1.66	18.4
25	1.65	17.8
20	1.63	17.2
17	1.62	16.8
15	1.61	16.2
10	1.58	14.6
5	1.48	13
0	1.38	11.4
-5	1.28	9.8
-10	1.18	8.2
-15	1.07	6.6
-20	0.97	5

XP13-030-230-08 - CH33-42B-2F + SL280UH090V48B

Entering Wet Bulb Temper- ature	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
63°F	790	28.4	1.82	0.76	0.89	1	27	2.06	0.77	0.92	1	25.2	2.32	0.8	0.95	1	23.4	2.62	0.82	0.99	1
	1030	30	1.83	0.81	0.97	1	28.4	2.06	0.84	1	1	26.6	2.33	0.87	1	1	25	2.64	0.9	1	1
	1200	30.8	1.83	0.85	1	1	29.4	2.06	0.88	1	1	27.6	2.34	0.92	1	1	26	2.65	0.96	1	1
67°F	790	29.8	1.83	0.6	0.73	0.86	28.4	2.06	0.62	0.75	0.88	26.6	2.33	0.62	0.77	0.92	24.8	2.64	0.64	0.8	0.95
	1030	31.6	1.83	0.63	0.79	0.94	29.8	2.07	0.65	0.81	0.97	27.8	2.34	0.67	0.84	1	25.8	2.65	0.69	0.88	1
	1200	32.2	1.84	0.66	0.83	0.99	30.6	2.07	0.68	0.85	1	28.4	2.34	0.7	0.89	1	26.4	2.66	0.72	0.93	1
71°F	790	31.4	1.83	0.46	0.59	0.71	29.8	2.07	0.46	0.6	0.72	28	2.34	0.47	0.61	0.75	26.2	2.66	0.47	0.63	0.78
	1030	32.8	1.84	0.48	0.62	0.77	31.2	2.08	0.48	0.64	0.79	29.2	2.35	0.49	0.66	0.82	27	2.67	0.5	0.68	0.86
	1200	33.6	1.84	0.49	0.65	0.81	31.8	2.08	0.5	0.67	0.83	29.8	2.36	0.5	0.69	0.87	27.6	2.68	0.52	0.71	0.91

XP13-030-230-08 - CH33-42B-2F + SL280UH090V48B

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
790	31.4	2	24.5	1.89	17.1	1.77	12.3	1.61	5.9	1.2
1030	32.2	1.87	25.3	1.76	17.9	1.64	13.1	1.48	6.7	1.07
1200	32.7	1.81	25.7	1.7	18.3	1.58	13.5	1.42	7.1	1.01

**XP13-030-230-08 - CH33-42B-2F + SL280UH090V48B
HEATING PERFORMANCE at 1030 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.87	32.2
60	1.85	30.6
55	1.82	29
50	1.79	27.4
47	1.78	26.5
45	1.76	25.3
40	1.72	22.2
35	1.68	19.1
30	1.66	18.5
25	1.64	17.9
20	1.63	17.3
17	1.62	16.9
15	1.61	16.3
10	1.58	14.7
5	1.48	13.1
0	1.38	11.5
-5	1.27	9.9
-10	1.17	8.3
-15	1.07	6.7
-20	0.97	5.1

XP13-030-230-08 - CH33-42B-2F + SLP98UH070V36B

Entering Wet Bulb Temper- ature	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
63°F	860	29	1.82	0.77	0.91	1	27.4	2.06	0.79	0.94	1	25.6	2.32	0.82	0.98	1	23.8	2.63	0.85	1	1
	1005	30	1.83	0.81	0.96	1	28.2	2.06	0.83	0.99	1	26.4	2.32	0.86	1	1	24.8	2.64	0.9	1	1
	1130	30.6	1.83	0.84	1	1	29	2.06	0.86	1	1	27.2	2.33	0.9	1	1	25.6	2.65	0.94	1	1
67°F	860	30.4	1.83	0.62	0.75	0.88	28.8	2.06	0.62	0.76	0.91	27	2.33	0.64	0.79	0.94	25.2	2.65	0.66	0.82	0.98
	1005	31.4	1.83	0.63	0.78	0.93	29.8	2.07	0.65	0.81	0.96	27.8	2.34	0.67	0.84	1	25.8	2.66	0.69	0.87	1
	1130	32	1.83	0.65	0.81	0.97	30.2	2.07	0.67	0.84	1	28.2	2.34	0.69	0.87	1	26.2	2.66	0.71	0.91	1
71°F	860	31.8	1.83	0.47	0.6	0.72	30.2	2.07	0.47	0.61	0.74	28.2	2.34	0.48	0.62	0.77	26.4	2.66	0.48	0.64	0.8
	1005	32.6	1.84	0.48	0.62	0.76	31	2.08	0.48	0.63	0.78	29	2.35	0.49	0.65	0.81	27	2.67	0.5	0.67	0.85
	1130	33.4	1.84	0.48	0.64	0.79	31.6	2.08	0.49	0.66	0.82	29.6	2.36	0.5	0.68	0.85	27.4	2.67	0.51	0.7	0.89

XP13-030-230-08 - CH33-42B-2F + SLP98UH070V36B

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
860	31.7	1.96	24.7	1.84	17.4	1.73	12.6	1.56	6.2	1.15
1005	32.2	1.88	25.2	1.77	17.9	1.65	13.1	1.48	6.7	1.08
1130	32.6	1.84	25.6	1.72	18.3	1.61	13.5	1.44	7.1	1.03

**XP13-030-230-08 - CH33-42B-2F + SLP98UH070V36B
HEATING PERFORMANCE at 1005 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.88	32.2
60	1.86	30.6
55	1.83	29
50	1.8	27.4
47	1.79	26.5
45	1.77	25.2
40	1.73	22.2
35	1.69	19.2
30	1.67	18.5
25	1.65	17.9
20	1.63	17.3
17	1.62	16.9
15	1.61	16.3
10	1.59	14.7
5	1.48	13.1
0	1.38	11.5
-5	1.28	9.9
-10	1.18	8.3
-15	1.08	6.7
-20	0.98	5.1

XP13-030-230-08 - CR33-30/36A/B/C-F

Entering Wet Bulb Temper- ature	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
63°F	875	29.6	1.83	0.79	0.93	1	28.2	2.06	0.81	0.96	1	26.4	2.32	0.84	0.99	1	24.6	2.64	0.87	1	1
	1000	30.4	1.83	0.82	0.97	1	28.8	2.06	0.84	1	1	27	2.33	0.88	1	1	25.4	2.65	0.91	1	1
	1125	31	1.83	0.85	1	1	29.6	2.06	0.88	1	1	27.8	2.34	0.91	1	1	26.2	2.66	0.95	1	1
67°F	875	31	1.83	0.63	0.77	0.9	29.4	2.07	0.64	0.79	0.93	27.6	2.34	0.65	0.82	0.96	25.6	2.65	0.68	0.85	0.99
	1000	31.6	1.83	0.65	0.8	0.94	30	2.07	0.66	0.82	0.97	28.2	2.34	0.68	0.85	1	26.2	2.66	0.7	0.89	1
	1125	32.2	1.84	0.67	0.83	0.98	30.4	2.07	0.68	0.86	1	28.6	2.34	0.71	0.89	1	26.6	2.67	0.73	0.93	1
71°F	875	32.4	1.84	0.48	0.61	0.74	30.8	2.08	0.48	0.63	0.77	28.8	2.35	0.49	0.64	0.79	27	2.67	0.5	0.66	0.82
	1000	33	1.84	0.49	0.64	0.78	31.4	2.08	0.5	0.65	0.8	29.4	2.35	0.51	0.67	0.83	27.4	2.68	0.51	0.69	0.87
	1125	33.4	1.84	0.51	0.65	0.81	31.8	2.09	0.51	0.67	0.84	29.6	2.35	0.52	0.7	0.87	27.8	2.68	0.53	0.72	0.91

XP13-030-230-08 - CR33-30/36A/B/C-F

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
875	32.6	1.9	25.6	1.79	18.1	1.68	13.2	1.52	6.5	1.12
1000	33.1	1.84	26	1.73	18.6	1.62	13.7	1.46	7	1.06
1125	33.4	1.79	26.4	1.69	18.9	1.57	14	1.41	7.3	1.01

**XP13-030-230-08 - CR33-30/36A/B/C-F
HEATING PERFORMANCE at 1000 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.84	33.1
60	1.81	31.5
55	1.79	29.9
50	1.76	28.2
47	1.75	27.3
45	1.73	26
40	1.69	22.9
35	1.65	19.8
30	1.64	19.2
25	1.62	18.6
20	1.61	18
17	1.6	17.6
15	1.59	17
10	1.56	15.3
5	1.46	13.7
0	1.36	12
-5	1.26	10.3
-10	1.16	8.6
-15	1.06	7
-20	0.96	5.3

XP13-030-230-08 - CR33-30/36A-F + SL280DF070V36A

Entering Wet Bulb Temper- ature	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
63°F	900	29.8	1.83	0.79	0.93	1	28.2	2.06	0.81	0.96	1	26.4	2.32	0.84	0.99	1	24.6	2.64	0.87	1	1
	1010	30.4	1.83	0.81	0.97	1	28.8	2.06	0.84	0.99	1	27	2.33	0.87	1	1	25.4	2.65	0.9	1	1
	1115	30.8	1.83	0.84	0.99	1	29.4	2.07	0.87	1	1	27.6	2.34	0.9	1	1	26	2.65	0.94	1	1
67°F	900	31	1.83	0.62	0.76	0.9	29.4	2.07	0.64	0.78	0.93	27.6	2.34	0.65	0.81	0.97	25.6	2.65	0.67	0.85	1
	1010	31.6	1.83	0.64	0.79	0.94	30	2.07	0.65	0.82	0.97	28	2.34	0.67	0.85	1	26.2	2.66	0.7	0.88	1
	1115	32	1.83	0.66	0.82	0.97	30.4	2.07	0.67	0.85	0.99	28.4	2.34	0.69	0.88	1	26.6	2.66	0.72	0.92	1
71°F	900	32.4	1.84	0.47	0.61	0.74	30.8	2.08	0.47	0.62	0.76	28.8	2.35	0.48	0.64	0.79	27	2.67	0.49	0.66	0.82
	1010	33	1.84	0.48	0.63	0.77	31.4	2.08	0.49	0.64	0.79	29.4	2.35	0.5	0.66	0.83	27.2	2.67	0.51	0.69	0.86
	1115	33.4	1.84	0.5	0.65	0.8	31.6	2.08	0.5	0.66	0.82	29.6	2.36	0.51	0.69	0.86	27.6	2.68	0.52	0.71	0.9

XP13-030-230-08 - CR33-30/36A-F + SL280DF070V36A

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	32.3	1.87	25.2	1.77	17.7	1.66	12.8	1.5	6.4	1.1
1010	32.6	1.82	25.5	1.72	18.1	1.61	13.2	1.45	6.7	1.05
1115	32.9	1.79	25.8	1.68	18.4	1.57	13.5	1.41	7	1.01

**XP13-030-230-08 - CR33-30/36A-F + SL280DF070V36A
HEATING PERFORMANCE at 1010 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.82	32.6
60	1.8	31
55	1.77	29.4
50	1.75	27.8
47	1.73	26.8
45	1.72	25.5
40	1.68	22.5
35	1.64	19.4
30	1.62	18.7
25	1.61	18.1
20	1.59	17.4
17	1.58	17.1
15	1.57	16.4
10	1.55	14.8
5	1.45	13.2
0	1.35	11.6
-5	1.25	10
-10	1.15	8.3
-15	1.05	6.7
-20	0.95	5.1

XP13-030-230-08 - CR33-30/36B-F + SL280DF090V48B

Entering Wet Bulb Temper- ature	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
63°F	895	29.6	1.83	0.78	0.93	1	28.2	2.06	0.81	0.96	1	26.2	2.32	0.83	0.99	1	24.6	2.64	0.87	1	1
	990	30.2	1.83	0.81	0.96	1	28.6	2.06	0.83	0.99	1	26.8	2.33	0.86	1	1	25.2	2.65	0.9	1	1
	1200	31.2	1.83	0.86	1	1	29.8	2.07	0.89	1	1	28	2.34	0.92	1	1	26.4	2.66	0.96	1	1
67°F	895	31	1.83	0.62	0.76	0.9	29.4	2.07	0.63	0.78	0.93	27.4	2.34	0.65	0.81	0.96	25.6	2.65	0.67	0.84	0.99
	990	31.4	1.83	0.64	0.79	0.93	29.8	2.07	0.65	0.81	0.96	28	2.34	0.67	0.84	0.99	26	2.65	0.69	0.88	1
	1200	32.2	1.84	0.67	0.84	0.99	30.6	2.08	0.68	0.87	1	28.6	2.35	0.71	0.9	1	26.8	2.67	0.73	0.94	1
71°F	895	32.4	1.84	0.47	0.61	0.74	30.8	2.08	0.47	0.62	0.76	28.8	2.35	0.48	0.64	0.79	27	2.67	0.49	0.66	0.82
	990	32.8	1.84	0.48	0.63	0.77	31.2	2.08	0.48	0.64	0.79	29.2	2.35	0.49	0.66	0.82	27.2	2.67	0.49	0.68	0.85
	1200	33.6	1.84	0.49	0.66	0.82	32	2.09	0.51	0.68	0.85	29.8	2.36	0.52	0.7	0.88	27.8	2.68	0.53	0.73	0.92

XP13-030-230-08 - CR33-30/36B-F + SL280DF090V48B

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
895	32.2	1.88	25.1	1.77	17.7	1.66	12.8	1.5	6.4	1.1
990	32.5	1.83	25.4	1.72	18	1.61	13.1	1.45	6.7	1.05
1200	33	1.76	25.9	1.65	18.5	1.54	13.6	1.38	7.2	0.98

**XP13-030-230-08 - CR33-30/36B-F + SL280DF090V48B
HEATING PERFORMANCE at 990 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.83	32.5
60	1.81	30.9
55	1.78	29.2
50	1.76	27.6
47	1.74	26.6
45	1.72	25.4
40	1.68	22.3
35	1.64	19.3
30	1.63	18.6
25	1.61	18
20	1.6	17.3
17	1.59	16.9
15	1.58	16.3
10	1.55	14.7
5	1.45	13.1
0	1.35	11.5
-5	1.25	9.9
-10	1.15	8.3
-15	1.05	6.7
-20	0.95	5.1

XP13-030-230-08 - CR33-30/36B-F + SLP98DF070V36B

Entering Wet Bulb Temper- ature	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
63°F	885	29.6	1.83	0.78	0.93	1	28	2.06	0.8	0.96	1	26.2	2.32	0.83	0.99	1	24.4	2.64	0.86	1	1
	985	30.2	1.83	0.81	0.96	1	28.6	2.06	0.83	0.99	1	26.8	2.33	0.86	1	1	25.2	2.65	0.9	1	1
	1125	31	1.83	0.84	0.99	1	29.4	2.07	0.87	1	1	27.6	2.34	0.9	1	1	26	2.66	0.94	1	1
67°F	885	31	1.83	0.62	0.76	0.9	29.4	2.07	0.63	0.78	0.92	27.4	2.34	0.65	0.81	0.96	25.6	2.65	0.67	0.84	0.99
	985	31.4	1.83	0.64	0.79	0.93	29.8	2.07	0.65	0.81	0.96	28	2.34	0.67	0.84	0.99	26	2.65	0.69	0.88	1
	1125	32	1.83	0.66	0.82	0.97	30.4	2.07	0.67	0.85	1	28.4	2.34	0.69	0.88	1	26.6	2.66	0.72	0.92	1
71°F	885	32.2	1.84	0.47	0.61	0.74	30.6	2.07	0.47	0.62	0.76	28.8	2.35	0.48	0.64	0.79	27	2.67	0.49	0.66	0.82
	985	32.8	1.84	0.48	0.62	0.77	31.2	2.08	0.48	0.64	0.79	29.2	2.35	0.49	0.66	0.82	27.2	2.67	0.5	0.68	0.85
	1125	33.4	1.84	0.5	0.65	0.8	31.6	2.08	0.5	0.66	0.83	29.6	2.36	0.51	0.69	0.86	27.6	2.68	0.52	0.71	0.9

XP13-030-230-08 - CR33-30/36B-F + SLP98DF070V36B

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
885	32.2	1.88	25.1	1.77	17.7	1.66	12.8	1.5	6.3	1.1
985	32.5	1.84	25.5	1.73	18	1.61	13.1	1.45	6.7	1.05
1125	32.8	1.78	25.8	1.67	18.4	1.56	13.5	1.4	7	1

**XP13-030-230-08 - CR33-30/36B-F + SLP98DF070V36B
HEATING PERFORMANCE at 985 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.84	32.5
60	1.81	30.9
55	1.79	29.3
50	1.76	27.7
47	1.74	26.7
45	1.73	25.5
40	1.69	22.4
35	1.65	19.3
30	1.63	18.7
25	1.61	18
20	1.6	17.4
17	1.59	17
15	1.58	16.4
10	1.55	14.7
5	1.45	13.1
0	1.35	11.5
-5	1.25	9.9
-10	1.15	8.3
-15	1.05	6.7
-20	0.95	5.1

XP13-030-230-08 - CR33-30/36C-F + SLP98DF090V36C

Entering Wet Bulb Temper- ature	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
63°F	835	29.2	1.82	0.77	0.91	1	27.8	2.06	0.79	0.94	1	26	2.32	0.81	0.97	1	24.2	2.64	0.84	1	1
	1000	30.2	1.83	0.81	0.96	1	28.6	2.06	0.83	0.99	1	26.8	2.33	0.87	1	1	25.2	2.65	0.9	1	1
	1135	31	1.83	0.84	1	1	29.4	2.07	0.87	1	1	27.8	2.34	0.91	1	1	26	2.66	0.94	1	1
67°F	835	30.6	1.83	0.61	0.75	0.88	29	2.06	0.62	0.77	0.9	27.2	2.33	0.64	0.79	0.94	25.4	2.65	0.65	0.82	0.97
	1000	31.4	1.83	0.64	0.79	0.93	30	2.07	0.65	0.81	0.96	28	2.34	0.67	0.84	0.99	26	2.65	0.69	0.88	1
	1135	32	1.83	0.66	0.82	0.97	30.4	2.07	0.67	0.85	1	28.4	2.34	0.7	0.88	1	26.6	2.66	0.72	0.92	1
71°F	835	32	1.83	0.46	0.6	0.72	30.4	2.07	0.47	0.61	0.74	28.6	2.35	0.48	0.62	0.77	26.6	2.67	0.48	0.64	0.8
	1000	32.8	1.84	0.48	0.63	0.77	31.2	2.08	0.48	0.64	0.79	29.2	2.35	0.49	0.66	0.82	27.2	2.67	0.5	0.68	0.86
	1135	33.4	1.84	0.49	0.65	0.8	31.8	2.09	0.5	0.66	0.83	29.6	2.36	0.5	0.69	0.87	27.6	2.68	0.52	0.71	0.9

XP13-030-230-08 - CR33-30/36C-F + SLP98DF090V36C

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
835	31.9	1.91	24.9	1.8	17.4	1.69	12.5	1.53	6.1	1.13
1000	32.5	1.83	25.4	1.72	18	1.61	13.1	1.45	6.7	1.05
1135	32.8	1.78	25.8	1.67	18.3	1.56	13.4	1.4	7	1

**XP13-030-230-08 - CR33-30/36C-F + SLP98DF090V36C
HEATING PERFORMANCE at 1000 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.83	32.5
60	1.8	30.8
55	1.78	29.2
50	1.75	27.6
47	1.74	26.6
45	1.72	25.4
40	1.68	22.3
35	1.64	19.3
30	1.62	18.6
25	1.61	18
20	1.59	17.3
17	1.58	16.9
15	1.57	16.3
10	1.55	14.7
5	1.45	13.1
0	1.35	11.5
-5	1.25	9.9
-10	1.15	8.3
-15	1.05	6.7
-20	0.95	5.1

XP13-030-230-08 - CX34-31A/B-6F

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
63°F	875	30.6	1.94	0.77	0.91	1	29	2.2	0.79	0.94	1	27.2	2.51	0.82	0.97	1	26	2.88	0.84	1	1
	1000	31.4	1.94	0.8	0.95	1	29.8	2.2	0.83	0.98	1	28	2.51	0.85	1	1	26.8	2.89	0.88	1	1
	1125	32.2	1.95	0.83	0.99	1	30.4	2.21	0.86	1	1	28.8	2.51	0.89	1	1	27.6	2.9	0.92	1	1
67°F	875	32.2	1.95	0.62	0.75	0.88	30.4	2.21	0.62	0.77	0.91	28.6	2.51	0.64	0.79	0.94	27.4	2.9	0.65	0.82	0.96
	1000	33	1.95	0.63	0.78	0.92	31.4	2.21	0.65	0.8	0.95	29.4	2.52	0.67	0.83	0.98	28	2.91	0.68	0.85	1
	1125	33.8	1.96	0.65	0.81	0.96	32	2.21	0.67	0.83	0.99	30	2.53	0.69	0.86	1	28.6	2.91	0.7	0.89	1
71°F	875	33.6	1.95	0.47	0.6	0.72	32	2.22	0.48	0.61	0.74	30.2	2.53	0.48	0.63	0.77	28.8	2.91	0.49	0.64	0.79
	1000	34.4	1.96	0.48	0.62	0.75	32.6	2.23	0.49	0.63	0.78	30.8	2.54	0.5	0.65	0.81	29.4	2.92	0.5	0.67	0.83
	1125	35.2	1.96	0.49	0.64	0.79	33.4	2.23	0.49	0.66	0.81	31.4	2.55	0.51	0.68	0.84	29.8	2.93	0.52	0.69	0.87

XP13-030-230-08 - CX34-31A/B-6F

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
875	32.6	2	25.6	1.88	18.1	1.76	13.2	1.59	6.5	1.17
1000	33.1	1.94	26.1	1.82	18.6	1.7	13.7	1.52	7	1.11
1125	33.5	1.89	26.5	1.77	19.1	1.65	14.1	1.47	7.4	1.06

XP13-030-230-08 - CX34-31A/B-6F

HEATING PERFORMANCE at 1000 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	1.94	33.1
60	1.91	31.5
55	1.88	29.9
50	1.85	28.3
47	1.84	27.3
45	1.82	26.1
40	1.78	23
35	1.73	19.9
30	1.71	19.3
25	1.7	18.6
20	1.68	18
17	1.67	17.7
15	1.66	17
10	1.63	15.4
5	1.52	13.7
0	1.42	12
-5	1.31	10.4
-10	1.21	8.7
-15	1.11	7
-20	1	5.3

XP13-030-230-08 - CX34-31A-6F + SL280UH070V36A-3

Entering Wet Bulb Temper- ature	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
63°F	845	30.2	1.94	0.76	0.89	1	28.6	2.2	0.78	0.92	1	26.8	2.51	0.8	0.95	1	25.6	2.88	0.82	0.98	1
	1005	31.4	1.94	0.79	0.95	1	29.6	2.2	0.82	0.98	1	27.8	2.51	0.85	1	1	26.6	2.88	0.87	1	1
	1135	32	1.95	0.82	0.99	1	30.4	2.21	0.85	1	1	28.8	2.51	0.88	1	1	27.6	2.9	0.91	1	1
67°F	845	31.8	1.95	0.61	0.73	0.86	30	2.2	0.61	0.75	0.89	28.4	2.52	0.62	0.77	0.92	27.2	2.9	0.64	0.79	0.94
	1005	33	1.95	0.62	0.77	0.91	31.2	2.21	0.63	0.79	0.95	29.4	2.52	0.66	0.82	0.98	28	2.91	0.67	0.84	1
	1135	33.8	1.96	0.64	0.8	0.96	31.8	2.21	0.66	0.83	0.99	30	2.53	0.68	0.86	1	28.4	2.91	0.69	0.88	1
71°F	845	33.4	1.96	0.46	0.59	0.71	31.8	2.21	0.46	0.61	0.73	29.8	2.53	0.47	0.61	0.74	28.6	2.91	0.47	0.62	0.77
	1005	34.2	1.96	0.47	0.61	0.75	32.6	2.22	0.48	0.62	0.77	30.6	2.53	0.49	0.64	0.8	29.4	2.92	0.49	0.66	0.82
	1135	35	1.96	0.48	0.63	0.78	33.2	2.23	0.49	0.65	0.81	31.4	2.54	0.5	0.67	0.83	29.8	2.92	0.51	0.68	0.86

XP13-030-230-08 - CX34-31A-6F + SL280UH070V36A-3

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
845	32	2.01	24.9	1.89	17.5	1.77	12.6	1.59	6.1	1.18
1005	32.6	1.92	25.5	1.8	18.1	1.68	13.2	1.51	6.7	1.1
1135	33	1.87	26	1.75	18.5	1.63	13.6	1.46	7.2	1.05

**XP13-030-230-08 - CX34-31A-6F + SL280UH070V36A-3
HEATING PERFORMANCE at 1005 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.92	32.6
60	1.89	31
55	1.87	29.3
50	1.84	27.7
47	1.82	26.7
45	1.8	25.5
40	1.76	22.4
35	1.72	19.4
30	1.7	18.7
25	1.68	18.1
20	1.66	17.4
17	1.65	17
15	1.64	16.4
10	1.61	14.8
5	1.51	13.2
0	1.41	11.6
-5	1.3	9.9
-10	1.2	8.3
-15	1.1	6.7
-20	0.99	5.1

XP13-030-230-08 - CX34-31B-6F + SL280UH090V36B

Entering Wet Bulb Temper- ature	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
63°F	830	30.2	1.94	0.75	0.89	1	28.4	2.2	0.77	0.91	1	26.8	2.5	0.79	0.95	1	25.6	2.88	0.81	0.97	1
	1015	31.4	1.94	0.79	0.95	1	29.6	2.2	0.82	0.98	1	27.8	2.51	0.85	1	1	26.8	2.88	0.87	1	1
	1175	32.2	1.95	0.83	0.99	1	30.6	2.21	0.86	1	1	29	2.52	0.89	1	1	27.8	2.9	0.92	1	1
67°F	830	31.6	1.95	0.6	0.73	0.85	30	2.21	0.61	0.74	0.88	28.2	2.51	0.62	0.77	0.91	27	2.89	0.63	0.79	0.94
	1015	33	1.95	0.62	0.77	0.92	31.2	2.21	0.63	0.79	0.95	29.4	2.52	0.66	0.82	0.98	28	2.91	0.67	0.85	1
	1175	33.8	1.95	0.65	0.81	0.97	32	2.22	0.66	0.83	0.99	30	2.52	0.67	0.87	1	28.6	2.91	0.7	0.89	1
71°F	830	33.2	1.96	0.46	0.59	0.7	31.6	2.21	0.47	0.6	0.72	29.8	2.52	0.46	0.6	0.74	28.4	2.91	0.47	0.62	0.76
	1015	34.4	1.96	0.47	0.61	0.75	32.6	2.22	0.48	0.62	0.77	30.8	2.53	0.48	0.64	0.8	29.4	2.92	0.49	0.66	0.82
	1175	35.2	1.96	0.49	0.64	0.79	33.4	2.23	0.48	0.65	0.81	31.4	2.55	0.5	0.67	0.84	30	2.93	0.51	0.69	0.87

XP13-030-230-08 - CX34-31B-6F + SL280UH090V36B

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	31.9	2.01	24.8	1.9	17.3	1.78	12.4	1.61	6	1.19
1015	32.5	1.92	25.5	1.8	18	1.68	13.1	1.51	6.7	1.09
1175	33	1.86	25.9	1.74	18.4	1.62	13.5	1.45	7.1	1.03

**XP13-030-230-08 - CX34-31B-6F + SL280UH090V36B
HEATING PERFORMANCE at 1015 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.92	32.5
60	1.89	30.9
55	1.86	29.3
50	1.83	27.7
47	1.82	26.7
45	1.8	25.5
40	1.76	22.4
35	1.71	19.3
30	1.7	18.7
25	1.68	18
20	1.66	17.4
17	1.65	17
15	1.64	16.3
10	1.61	14.7
5	1.51	13.1
0	1.4	11.5
-5	1.3	9.9
-10	1.2	8.3
-15	1.09	6.7
-20	0.99	5.1

XP13-030-230-08 - CX34-31B-6F + SL280UH090V48B

Entering Wet Bulb Temper- ature	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
63°F	790	29.8	1.94	0.75	0.88	1	28.2	2.2	0.76	0.9	1	26.6	2.5	0.78	0.93	1	25.4	2.87	0.8	0.96	1
	1030	31.6	1.94	0.8	0.95	1	29.8	2.2	0.82	0.99	1	28	2.51	0.85	1	1	26.8	2.89	0.88	1	1
	1200	32.4	1.95	0.84	1	1	30.6	2.2	0.87	1	1	29.2	2.52	0.9	1	1	28	2.9	0.93	1	1
67°F	790	31.4	1.94	0.6	0.72	0.84	29.8	2.2	0.61	0.74	0.87	28	2.51	0.61	0.76	0.9	26.8	2.89	0.63	0.78	0.92
	1030	33.2	1.95	0.62	0.78	0.92	31.4	2.21	0.64	0.8	0.95	29.4	2.53	0.66	0.83	0.99	28	2.91	0.67	0.85	1
	1200	34	1.96	0.65	0.82	0.97	32	2.22	0.67	0.84	1	30.2	2.53	0.69	0.87	1	28.6	2.9	0.71	0.9	1
71°F	790	33	1.95	0.46	0.58	0.7	31.4	2.22	0.46	0.59	0.71	29.6	2.52	0.47	0.6	0.73	28.2	2.9	0.47	0.61	0.75
	1030	34.4	1.96	0.48	0.61	0.75	32.6	2.23	0.48	0.63	0.78	30.8	2.54	0.49	0.64	0.8	29.4	2.92	0.49	0.66	0.83
	1200	35.4	1.97	0.48	0.64	0.79	33.4	2.23	0.49	0.66	0.82	31.6	2.55	0.5	0.68	0.85	30	2.94	0.5	0.7	0.88

XP13-030-230-08 - CX34-31B-6F + SL280UH090V48B

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
790	31.8	2.04	24.7	1.92	17.3	1.8	12.3	1.63	5.9	1.22
1030	32.7	1.91	25.6	1.79	18.1	1.67	13.2	1.5	6.7	1.09
1200	33.1	1.85	26	1.73	18.6	1.61	13.6	1.44	7.2	1.03

**XP13-030-230-08 - CX34-31B-6F + SL280UH090V48B
HEATING PERFORMANCE at 1030 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.91	32.7
60	1.88	31
55	1.85	29.4
50	1.83	27.8
47	1.81	26.8
45	1.79	25.6
40	1.75	22.5
35	1.71	19.4
30	1.69	18.7
25	1.67	18.1
20	1.66	17.4
17	1.65	17.1
15	1.64	16.4
10	1.61	14.8
5	1.5	13.2
0	1.4	11.6
-5	1.3	9.9
-10	1.19	8.3
-15	1.09	6.7
-20	0.99	5.1

XP13-030-230-08 - CX34-31B-6F + SLP98UH070V36B

Entering Wet Bulb Temper- ature	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
63°F	860	30.4	1.94	0.76	0.9	1	28.8	2.2	0.78	0.93	1	27	2.51	0.81	0.96	1	25.8	2.88	0.83	0.99	1
	1005	31.4	1.94	0.79	0.95	1	29.6	2.2	0.82	0.98	1	27.8	2.51	0.85	1	1	26.6	2.88	0.87	1	1
	1130	32	1.95	0.82	0.99	1	30.2	2.21	0.85	1	1	28.6	2.51	0.88	1	1	27.6	2.9	0.91	1	1
67°F	860	32	1.95	0.61	0.73	0.86	30.2	2.2	0.61	0.76	0.89	28.4	2.51	0.63	0.78	0.92	27.2	2.89	0.64	0.8	0.95
	1005	33	1.95	0.62	0.77	0.91	31.2	2.21	0.64	0.79	0.95	29.4	2.52	0.66	0.82	0.98	28	2.91	0.67	0.85	1
	1130	33.6	1.96	0.64	0.8	0.96	31.8	2.21	0.66	0.83	0.99	30	2.53	0.68	0.86	1	28.4	2.91	0.69	0.88	1
71°F	860	33.4	1.96	0.46	0.59	0.71	31.8	2.21	0.46	0.6	0.73	30	2.53	0.47	0.61	0.76	28.6	2.91	0.48	0.63	0.78
	1005	34.4	1.96	0.47	0.61	0.75	32.6	2.22	0.48	0.62	0.77	30.8	2.53	0.49	0.64	0.8	29.4	2.92	0.49	0.66	0.82
	1130	35	1.96	0.48	0.63	0.78	33.2	2.23	0.48	0.65	0.8	31.4	2.54	0.5	0.67	0.83	29.8	2.92	0.51	0.68	0.86

XP13-030-230-08 - CX34-31B-6F + SLP98UH070V36B

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
860	32.1	2	25	1.88	17.6	1.76	12.7	1.58	6.2	1.17
1005	32.6	1.92	25.5	1.81	18.1	1.68	13.2	1.51	6.7	1.1
1130	33	1.87	26	1.76	18.5	1.63	13.6	1.46	7.1	1.05

**XP13-030-230-08 - CX34-31B-6F + SLP98UH070V36B
HEATING PERFORMANCE at 1005 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	1.92	32.6
60	1.9	31
55	1.87	29.4
50	1.84	27.8
47	1.82	26.8
45	1.81	25.5
40	1.76	22.5
35	1.72	19.4
30	1.7	18.7
25	1.68	18.1
20	1.66	17.5
17	1.65	17.1
15	1.64	16.4
10	1.61	14.8
5	1.51	13.2
0	1.41	11.6
-5	1.3	10
-10	1.2	8.4
-15	1.1	6.7
-20	0.99	5.1

XP13-036-230-08 - CBX26UH-036

Entering Wet Bulb Temper- ature	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
63°F	1095	34.8	2.21	0.78	0.93	1	33	2.51	0.8	0.96	1	31	2.84	0.83	0.99	1	28.8	3.19	0.86	1	1
	1200	35.4	2.21	0.8	0.97	1	33.6	2.51	0.83	0.99	1	31.8	2.84	0.85	1	1	29.6	3.19	0.89	1	1
	1415	36.6	2.21	0.85	1	1	35	2.51	0.88	1	1	33.2	2.84	0.91	1	1	31	3.18	0.95	1	1
67°F	1095	37	2.22	0.61	0.76	0.9	35.2	2.51	0.62	0.78	0.93	33	2.84	0.64	0.8	0.96	30.4	3.19	0.66	0.84	1
	1200	37.6	2.21	0.63	0.78	0.93	35.8	2.51	0.64	0.8	0.96	33.6	2.84	0.65	0.83	0.99	30.8	3.18	0.68	0.87	1
	1415	38.5	2.22	0.65	0.83	0.99	36.8	2.51	0.67	0.85	1	34.4	2.84	0.69	0.89	1	31.6	3.18	0.72	0.93	1
71°F	1095	39	2.22	0.46	0.6	0.74	37.2	2.51	0.46	0.61	0.75	35	2.84	0.47	0.63	0.78	32.4	3.18	0.47	0.65	0.81
	1200	40	2.22	0.46	0.61	0.76	37.8	2.51	0.47	0.63	0.78	35.6	2.83	0.47	0.64	0.81	32.8	3.18	0.48	0.67	0.84
	1415	41	2.22	0.48	0.64	0.81	39	2.51	0.48	0.66	0.83	36.4	2.83	0.49	0.68	0.86	33.6	3.17	0.5	0.71	0.91

XP13-036-230-08 - CBX26UH-036

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
1095	40.4	2.39	31.6	2.24	22.2	2.07	16.3	1.89	8.2	1.39
1200	40.7	2.34	31.9	2.18	22.6	2.01	16.6	1.83	8.5	1.33
1417	41.1	2.24	32.3	2.08	23	1.91	17.1	1.73	8.9	1.23

XP13-036-230-08 - CBX26UH-036

HEATING PERFORMANCE at 1200 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.34	40.7
60	2.3	38.7
55	2.27	36.7
50	2.23	34.7
47	2.21	33.5
45	2.18	31.9
40	2.1	27.9
35	2.02	23.9
30	2.01	23.2
25	2.01	22.6
20	2.01	21.9
17	2.01	21.5
15	1.99	20.7
10	1.96	18.7
5	1.83	16.6
0	1.71	14.6
-5	1.58	12.6
-10	1.46	10.5
-15	1.33	8.5
-20	1.21	6.4

XP13-036-230-08 - CBX27UH-036

Entering Wet Bulb Temper- ature	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
63°F	975	34.8	2.3	0.76	0.9	1	33	2.61	0.77	0.92	1	31.2	2.96	0.79	0.95	1	28.8	3.34	0.82	0.99	1
	1200	36.2	2.3	0.81	0.97	1	34.4	2.61	0.83	0.99	1	32.4	2.96	0.85	1	1	30.2	3.34	0.89	1	1
	1405	37.4	2.3	0.85	1	1	35.6	2.62	0.87	1	1	33.8	2.97	0.9	1	1	31.6	3.34	0.95	1	1
67°F	975	37	2.3	0.59	0.73	0.86	35.2	2.62	0.6	0.75	0.89	33	2.96	0.62	0.77	0.92	30.6	3.34	0.63	0.8	0.96
	1200	38.5	2.3	0.62	0.78	0.94	36.6	2.62	0.64	0.8	0.96	34.4	2.97	0.65	0.83	0.99	31.6	3.34	0.67	0.87	1
	1405	39.5	2.3	0.65	0.83	0.98	37.4	2.62	0.67	0.85	1	35.2	2.96	0.68	0.88	1	32.4	3.33	0.71	0.92	1
71°F	975	39	2.31	0.45	0.58	0.71	37.2	2.62	0.45	0.59	0.72	34.8	2.96	0.46	0.6	0.74	32.4	3.33	0.46	0.62	0.77
	1200	40.5	2.3	0.46	0.61	0.76	38.5	2.62	0.47	0.62	0.78	36.2	2.96	0.47	0.64	0.8	33.6	3.33	0.48	0.66	0.84
	1405	41.5	2.3	0.47	0.64	0.81	39.5	2.61	0.48	0.66	0.83	37.2	2.96	0.49	0.68	0.86	34.4	3.33	0.5	0.7	0.9

XP13-036-230-08 - CBX27UH-036

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
975	39.7	2.43	30.8	2.27	21.4	2.11	15.4	1.93	7.5	1.44
1200	40.5	2.28	31.6	2.13	22.2	1.97	16.2	1.79	8.3	1.3
1405	41	2.19	32.1	2.04	22.7	1.87	16.8	1.7	8.8	1.21

XP13-036-230-08 - CBX27UH-036

HEATING PERFORMANCE at 1200 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.28	40.5
60	2.25	38.4
55	2.22	36.4
50	2.18	34.4
47	2.16	33.2
45	2.13	31.6
40	2.05	27.6
35	1.97	23.6
30	1.97	22.9
25	1.97	22.2
20	1.96	21.4
17	1.96	21
15	1.95	20.2
10	1.91	18.2
5	1.79	16.2
0	1.67	14.2
-5	1.55	12.2
-10	1.42	10.3
-15	1.3	8.3
-20	1.18	6.3

XP13-036-230-08 - CBX32M-036

Entering Wet Bulb Temper- ature	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
63°F	1050	35.2	2.3	0.77	0.92	1	33.6	2.61	0.79	0.95	1	31.6	2.96	0.81	0.98	1	29.2	3.34	0.85	1	1
	1175	36	2.3	0.8	0.96	1	34.4	2.62	0.82	0.98	1	32.4	2.96	0.85	1	1	30.2	3.35	0.88	1	1
	1415	37.4	2.3	0.85	1	1	35.8	2.62	0.88	1	1	33.8	2.97	0.91	1	1	31.6	3.34	0.95	1	1
67°F	1050	37.4	2.3	0.6	0.75	0.89	35.6	2.62	0.61	0.77	0.91	33.4	2.96	0.63	0.79	0.95	31	3.35	0.65	0.82	0.98
	1175	38.5	2.3	0.62	0.78	0.93	36.4	2.62	0.63	0.8	0.96	34.2	2.96	0.65	0.82	0.98	31.6	3.34	0.67	0.86	1
	1415	39.5	2.3	0.65	0.83	0.99	37.4	2.62	0.67	0.85	1	35.2	2.96	0.69	0.88	1	32.4	3.33	0.71	0.93	1
71°F	1050	39.5	2.31	0.45	0.59	0.72	37.6	2.62	0.46	0.6	0.74	35.4	2.96	0.46	0.62	0.76	32.8	3.34	0.47	0.64	0.8
	1175	40.5	2.31	0.46	0.61	0.75	38.5	2.62	0.46	0.62	0.77	36.2	2.96	0.47	0.64	0.8	33.4	3.33	0.48	0.66	0.83
	1415	41.5	2.3	0.48	0.64	0.81	39.5	2.61	0.48	0.66	0.83	37.2	2.96	0.49	0.68	0.86	34.4	3.33	0.5	0.7	0.9

XP13-036-230-08 - CBX32M-036

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	2.37	31.5	2.22	22.1	2.05	16.1	1.87	8	1.38
1175	40.8	2.3	31.9	2.14	22.5	1.97	16.5	1.79	8.4	1.3
1415	41.4	2.2	32.5	2.04	23.1	1.87	17.1	1.69	9	1.2

XP13-036-230-08 - CBX32M-036

HEATING PERFORMANCE at 1175 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.3	40.8
60	2.27	38.8
55	2.23	36.7
50	2.2	34.7
47	2.18	33.5
45	2.14	31.9
40	2.06	27.9
35	1.98	23.9
30	1.98	23.2
25	1.97	22.5
20	1.97	21.8
17	1.97	21.4
15	1.95	20.6
10	1.92	18.5
5	1.79	16.5
0	1.67	14.5
-5	1.55	12.5
-10	1.43	10.5
-15	1.3	8.4
-20	1.18	6.4

XP13-036-230-08 - CBX32MV-036

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
63°F	1000	35	2.3	0.76	0.91	1	33.2	2.61	0.78	0.93	1	31.2	2.97	0.8	0.96	1	29	3.34	0.83	0.99	1
	1135	35.8	2.3	0.79	0.95	1	34	2.61	0.81	0.97	1	32	2.96	0.84	1	1	29.8	3.34	0.87	1	1
	1380	37.2	2.3	0.85	1	1	35.6	2.62	0.87	1	1	33.6	2.96	0.9	1	1	31.4	3.34	0.94	1	1
67°F	1000	37	2.3	0.6	0.74	0.87	35.4	2.62	0.61	0.75	0.9	33.2	2.97	0.62	0.78	0.93	30.8	3.34	0.64	0.81	0.97
	1135	38	2.3	0.62	0.77	0.92	36.2	2.62	0.63	0.79	0.94	34	2.97	0.64	0.81	0.97	31.4	3.34	0.66	0.85	1
	1380	39.5	2.31	0.65	0.82	0.98	37.4	2.62	0.66	0.85	1	35	2.96	0.68	0.88	1	32.2	3.33	0.71	0.92	1
71°F	1000	39	2.31	0.45	0.58	0.71	37.4	2.62	0.45	0.59	0.73	35	2.96	0.46	0.61	0.75	32.6	3.34	0.47	0.63	0.78
	1135	40	2.31	0.46	0.6	0.74	38	2.62	0.46	0.61	0.76	35.8	2.96	0.47	0.63	0.79	33.2	3.33	0.48	0.65	0.82
	1380	41.5	2.31	0.47	0.64	0.8	39.5	2.62	0.48	0.65	0.82	37	2.96	0.49	0.67	0.85	34.2	3.33	0.5	0.7	0.89

XP13-036-230-08 - CBX32MV-036

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	39.9	2.42	31	2.25	21.6	2.07	15.7	1.89	7.8	1.4
1135	40.3	2.33	31.5	2.17	22.1	1.99	16.1	1.8	8.3	1.31
1380	41.2	2.21	32.3	2.05	22.9	1.87	17	1.69	9.1	1.19

XP13-036-230-08 - CBX32MV-036

HEATING PERFORMANCE at 1135 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.33	40.3
60	2.3	38.3
55	2.26	36.3
50	2.22	34.3
47	2.2	33.1
45	2.17	31.5
40	2.08	27.5
35	2	23.5
30	1.99	22.8
25	1.99	22.1
20	1.98	21.4
17	1.98	21
15	1.96	20.1
10	1.93	18.1
5	1.8	16.1
0	1.68	14.2
-5	1.56	12.2
-10	1.43	10.2
-15	1.31	8.3
-20	1.19	6.3

XP13-036-230-08 - CBX40UHV-030

Entering Wet Bulb Temper- ature	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
63°F	1000	35	2.3	0.76	0.91	1	33.2	2.61	0.78	0.93	1	31.2	2.97	0.8	0.96	1	29	3.34	0.83	0.99	1
	1200	36.2	2.3	0.81	0.97	1	34.4	2.61	0.83	0.99	1	32.4	2.96	0.85	1	1	30.2	3.34	0.89	1	1
	1320	37	2.3	0.83	0.99	1	35.2	2.61	0.85	1	1	33.2	2.96	0.88	1	1	31	3.34	0.92	1	1
67°F	1000	37	2.3	0.6	0.74	0.87	35.4	2.62	0.61	0.75	0.9	33.2	2.97	0.62	0.78	0.93	30.8	3.34	0.64	0.81	0.97
	1200	38.5	2.3	0.62	0.78	0.94	36.6	2.62	0.64	0.8	0.96	34.4	2.97	0.65	0.83	0.99	31.6	3.34	0.67	0.87	1
	1320	39	2.3	0.64	0.81	0.97	37.2	2.62	0.65	0.83	0.99	34.8	2.97	0.67	0.86	1	32	3.33	0.7	0.9	1
71°F	1000	39	2.31	0.45	0.58	0.71	37.4	2.62	0.45	0.59	0.73	35	2.96	0.46	0.61	0.75	32.6	3.34	0.47	0.63	0.78
	1200	40.5	2.3	0.46	0.61	0.76	38.5	2.62	0.47	0.62	0.78	36.2	2.96	0.47	0.64	0.8	33.6	3.33	0.48	0.66	0.84
	1320	41	2.31	0.47	0.63	0.79	39	2.62	0.47	0.64	0.81	36.8	2.96	0.48	0.66	0.84	34	3.33	0.49	0.69	0.88

XP13-036-230-08 - CBX40UHV-030

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	39.9	2.41	31	2.25	21.6	2.09	15.6	1.91	7.7	1.42
1200	40.5	2.28	31.6	2.13	22.2	1.97	16.2	1.79	8.3	1.3
1320	40.9	2.23	32	2.07	22.6	1.91	16.7	1.73	8.7	1.24

XP13-036-230-08 - CBX40UHV-030

HEATING PERFORMANCE at 1200 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.28	40.5
60	2.25	38.5
55	2.22	36.5
50	2.18	34.4
47	2.16	33.2
45	2.13	31.6
40	2.05	27.6
35	1.97	23.6
30	1.97	22.9
25	1.97	22.2
20	1.96	21.5
17	1.96	21.1
15	1.95	20.2
10	1.91	18.2
5	1.79	16.2
0	1.67	14.3
-5	1.55	12.3
-10	1.42	10.3
-15	1.3	8.3
-20	1.18	6.3

XP13-036-230-08 - CBX40UHV-036

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
63°F	1000	35	2.3	0.76	0.91	1	33.2	2.61	0.78	0.93	1	31.2	2.97	0.8	0.96	1	29	3.34	0.83	0.99	1
	1225	36.4	2.3	0.81	0.97	1	34.6	2.62	0.83	0.99	1	32.6	2.96	0.86	1	1	30.4	3.34	0.9	1	1
	1380	37.2	2.3	0.85	1	1	35.6	2.62	0.87	1	1	33.6	2.96	0.9	1	1	31.4	3.34	0.94	1	1
67°F	1000	37	2.3	0.6	0.74	0.87	35.4	2.62	0.61	0.75	0.9	33.2	2.97	0.62	0.78	0.93	30.8	3.34	0.64	0.81	0.97
	1225	38.5	2.3	0.63	0.79	0.95	36.6	2.62	0.64	0.81	0.97	34.4	2.97	0.66	0.83	0.99	31.8	3.34	0.68	0.87	1
	1380	39.5	2.31	0.65	0.82	0.98	37.4	2.62	0.66	0.85	1	35	2.96	0.68	0.88	1	32.2	3.33	0.71	0.92	1
71°F	1000	39	2.31	0.45	0.58	0.71	37.4	2.62	0.45	0.59	0.73	35	2.96	0.46	0.61	0.75	32.6	3.34	0.47	0.63	0.78
	1225	40.5	2.3	0.46	0.61	0.76	38.5	2.62	0.47	0.63	0.78	36.4	2.96	0.47	0.64	0.81	33.6	3.33	0.48	0.67	0.85
	1380	41.5	2.31	0.47	0.64	0.8	39.5	2.62	0.48	0.65	0.82	37	2.96	0.49	0.67	0.85	34.2	3.33	0.5	0.7	0.89

XP13-036-230-08 - CBX40UHV-036

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	39.9	2.4	30.9	2.25	21.5	2.09	15.5	1.92	7.6	1.43
1225	40.6	2.27	31.7	2.12	22.2	1.96	16.3	1.79	8.3	1.3
1380	41	2.2	32.1	2.05	22.7	1.89	16.7	1.72	8.8	1.23

**XP13-036-230-08 - CBX40UHV-036
HEATING PERFORMANCE at 1225 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.27	40.6
60	2.24	38.5
55	2.2	36.5
50	2.17	34.5
47	2.15	33.3
45	2.12	31.7
40	2.04	27.7
35	1.96	23.7
30	1.96	23
25	1.96	22.2
20	1.96	21.5
17	1.95	21.1
15	1.94	20.3
10	1.91	18.2
5	1.79	16.3
0	1.66	14.3
-5	1.54	12.3
-10	1.42	10.3
-15	1.3	8.3
-20	1.17	6.3

XP13-036-230-08 - CH33-31B-2F

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
63°F	1050	35	2.21	0.79	0.94	1	33.2	2.51	0.81	0.97	1	31.2	2.84	0.84	1	1	29	3.19	0.87	1	1
	1200	35.8	2.21	0.83	0.99	1	34.2	2.51	0.85	1	1	32.2	2.84	0.88	1	1	30	3.18	0.92	1	1
	1350	36.8	2.22	0.86	1	1	35.2	2.51	0.89	1	1	33.2	2.84	0.92	1	1	31	3.18	0.96	1	1
67°F	1050	37	2.22	0.62	0.77	0.91	35.2	2.51	0.64	0.79	0.93	33	2.84	0.65	0.81	0.97	30.4	3.18	0.67	0.85	1
	1200	38	2.21	0.64	0.8	0.95	36.2	2.51	0.66	0.82	0.98	33.8	2.83	0.68	0.85	1	31.2	3.18	0.7	0.89	1
	1350	38.5	2.22	0.67	0.84	0.99	36.8	2.51	0.68	0.86	1	34.4	2.84	0.7	0.9	1	31.6	3.18	0.73	0.94	1
71°F	1050	39	2.22	0.47	0.61	0.74	37.2	2.51	0.48	0.62	0.76	35	2.83	0.49	0.64	0.79	32.4	3.18	0.5	0.66	0.82
	1200	40	2.22	0.48	0.63	0.78	38	2.51	0.49	0.65	0.8	35.8	2.83	0.5	0.67	0.83	33	3.18	0.51	0.69	0.87
	1350	41	2.22	0.49	0.66	0.82	39	2.51	0.5	0.67	0.84	36.4	2.83	0.51	0.69	0.87	33.6	3.17	0.52	0.72	0.92

XP13-036-230-08 - CH33-31B-2F

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	39.9	2.48	31.2	2.33	22	2.16	16.2	1.98	8	1.46
1200	40.3	2.39	31.7	2.23	22.5	2.06	16.7	1.88	8.5	1.37
1350	40.8	2.32	32.1	2.16	22.9	1.99	17.1	1.81	8.9	1.3

XP13-036-230-08 - CH33-31B-2F

HEATING PERFORMANCE at 1200 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.39	40.3
60	2.35	38.4
55	2.32	36.4
50	2.29	34.4
47	2.26	33.3
45	2.23	31.7
40	2.15	27.7
35	2.07	23.8
30	2.07	23.1
25	2.06	22.5
20	2.06	21.9
17	2.06	21.5
15	2.04	20.7
10	2.01	18.7
5	1.88	16.7
0	1.75	14.6
-5	1.62	12.6
-10	1.49	10.5
-15	1.37	8.5
-20	1.24	6.4

XP13-036-230-08 - CH33-31B-2F + SL280UH090V36B

Entering Wet Bulb Temper- ature	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
63°F	1080	35	2.21	0.79	0.94	1	33.2	2.51	0.81	0.97	1	31.2	2.84	0.83	1	1	29	3.19	0.87	1	1
	1195	35.8	2.21	0.82	0.98	1	34	2.51	0.84	1	1	32	2.84	0.87	1	1	30	3.18	0.91	1	1
	1395	37	2.22	0.87	1	1	35.4	2.51	0.89	1	1	33.4	2.84	0.92	1	1	31.2	3.18	0.97	1	1
67°F	1080	37	2.21	0.62	0.77	0.91	35.4	2.51	0.63	0.78	0.93	33.2	2.84	0.65	0.81	0.97	30.4	3.18	0.67	0.85	1
	1195	37.8	2.22	0.64	0.79	0.95	36	2.51	0.65	0.81	0.97	33.6	2.83	0.67	0.84	1	31	3.19	0.69	0.88	1
	1395	39	2.22	0.67	0.84	1	36.8	2.51	0.68	0.87	1	34.4	2.84	0.7	0.9	1	31.6	3.18	0.73	0.95	1
71°F	1080	39	2.22	0.47	0.61	0.74	37.4	2.51	0.47	0.62	0.76	35	2.83	0.48	0.63	0.79	32.4	3.18	0.49	0.66	0.82
	1195	40	2.22	0.47	0.62	0.77	38	2.51	0.48	0.64	0.79	35.6	2.83	0.49	0.66	0.82	32.8	3.18	0.5	0.68	0.86
	1395	41	2.22	0.49	0.66	0.82	39	2.52	0.5	0.67	0.84	36.6	2.83	0.51	0.69	0.88	33.6	3.17	0.52	0.72	0.92

XP13-036-230-08 - CH33-31B-2F + SL280UH090V36B

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
1080	39.4	2.44	30.7	2.29	21.6	2.12	15.8	1.94	7.9	1.43
1195	39.7	2.37	31	2.22	21.9	2.05	16.1	1.87	8.2	1.36
1395	40.3	2.29	31.7	2.14	22.6	1.97	16.8	1.79	8.9	1.27

**XP13-036-230-08 - CH33-31B-2F + SL280UH090V36B
HEATING PERFORMANCE at 1195 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.37	39.7
60	2.34	37.7
55	2.31	35.8
50	2.27	33.8
47	2.25	32.6
45	2.22	31
40	2.14	27.1
35	2.06	23.2
30	2.05	22.6
25	2.05	21.9
20	2.05	21.2
17	2.05	20.8
15	2.03	20
10	2	18.1
5	1.87	16.1
0	1.74	14.1
-5	1.61	12.2
-10	1.49	10.2
-15	1.36	8.2
-20	1.23	6.2

XP13-036-230-08 - CH33-31B-2F + SL280UH090V48B

Entering Wet Bulb Temper- ature	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
63°F	1060	34.8	2.21	0.79	0.94	1	33.2	2.51	0.8	0.96	1	31	2.84	0.83	0.99	1	29	3.19	0.86	1	1
	1200	35.8	2.21	0.82	0.98	1	34	2.51	0.84	1	1	32	2.84	0.87	1	1	30	3.19	0.91	1	1
	1335	36.4	2.21	0.85	1	1	35	2.51	0.87	1	1	33	2.84	0.91	1	1	30.8	3.18	0.95	1	1
67°F	1060	37	2.22	0.62	0.76	0.9	35.2	2.51	0.63	0.78	0.93	33	2.84	0.64	0.81	0.96	30.4	3.18	0.66	0.84	1
	1200	38	2.22	0.64	0.8	0.95	36	2.51	0.65	0.82	0.98	33.6	2.83	0.67	0.85	1	31	3.19	0.69	0.89	1
	1335	38.5	2.22	0.66	0.83	0.99	36.6	2.51	0.67	0.85	1	34.2	2.84	0.69	0.88	1	31.6	3.18	0.72	0.93	1
71°F	1060	39	2.22	0.47	0.6	0.74	37.2	2.51	0.47	0.61	0.76	34.8	2.83	0.48	0.63	0.78	32.4	3.18	0.49	0.65	0.82
	1200	40	2.22	0.48	0.63	0.77	38	2.51	0.48	0.64	0.79	35.6	2.83	0.49	0.66	0.82	33	3.18	0.5	0.68	0.86
	1335	40.5	2.22	0.48	0.65	0.8	38.5	2.51	0.49	0.66	0.83	36.2	2.83	0.5	0.68	0.86	33.6	3.17	0.51	0.71	0.9

XP13-036-230-08 - CH33-31B-2F + SL280UH090V48B

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	39.4	2.46	30.7	2.3	21.5	2.13	15.7	1.95	7.8	1.44
1200	39.8	2.38	31.2	2.22	22	2.05	16.2	1.87	8.3	1.36
1335	40.2	2.32	31.5	2.16	22.4	1.99	16.6	1.81	8.6	1.29

**XP13-036-230-08 - CH33-31B-2F + SL280UH090V48B
HEATING PERFORMANCE at 1200 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.38	39.8
60	2.34	37.9
55	2.31	35.9
50	2.28	33.9
47	2.25	32.7
45	2.22	31.2
40	2.14	27.2
35	2.06	23.3
30	2.05	22.6
25	2.05	22
20	2.05	21.3
17	2.05	20.9
15	2.03	20.1
10	2	18.2
5	1.87	16.2
0	1.74	14.2
-5	1.61	12.2
-10	1.49	10.2
-15	1.36	8.3
-20	1.23	6.3

XP13-036-230-08 - CH33-31B-2F + SLP98UH070V36B

Entering Wet Bulb Temper- ature	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
63°F	1060	35	2.21	0.79	0.94	1	33.2	2.51	0.81	0.96	1	31	2.84	0.83	0.99	1	29	3.19	0.87	1	1
	1215	35.8	2.21	0.82	0.99	1	34.2	2.51	0.85	1	1	32.2	2.84	0.88	1	1	30	3.18	0.92	1	1
	1365	36.8	2.22	0.86	1	1	35.2	2.51	0.89	1	1	33.4	2.84	0.92	1	1	31	3.18	0.96	1	1
67°F	1060	37	2.22	0.62	0.76	0.9	35.2	2.51	0.63	0.78	0.93	33	2.84	0.65	0.81	0.96	30.4	3.18	0.67	0.84	1
	1215	38	2.21	0.64	0.8	0.95	36.2	2.51	0.66	0.82	0.98	33.8	2.84	0.67	0.85	1	31.2	3.18	0.7	0.89	1
	1365	39	2.22	0.67	0.84	0.99	36.8	2.51	0.68	0.87	1	34.4	2.84	0.7	0.9	1	31.6	3.18	0.73	0.94	1
71°F	1060	39	2.22	0.47	0.6	0.74	37.2	2.51	0.47	0.62	0.76	35	2.83	0.48	0.63	0.78	32.4	3.18	0.49	0.65	0.82
	1215	40	2.22	0.48	0.63	0.78	38	2.51	0.49	0.64	0.8	35.8	2.83	0.49	0.66	0.83	33	3.18	0.5	0.69	0.87
	1365	41	2.22	0.49	0.66	0.82	39	2.51	0.5	0.67	0.84	36.6	2.83	0.51	0.69	0.87	33.6	3.17	0.52	0.72	0.92

XP13-036-230-08 - CH33-31B-2F + SLP98UH070V36B

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	39.4	2.46	30.8	2.31	21.6	2.14	15.8	1.96	7.8	1.45
1215	40	2.37	31.3	2.21	22.2	2.05	16.4	1.87	8.3	1.36
1365	40.6	2.3	31.9	2.15	22.8	1.99	17	1.81	8.9	1.29

**XP13-036-230-08 - CH33-31B-2F + SLP98UH070V36B
HEATING PERFORMANCE at 1215 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.37	40
60	2.33	38
55	2.3	36.1
50	2.27	34.1
47	2.25	32.9
45	2.21	31.3
40	2.13	27.4
35	2.05	23.5
30	2.05	22.8
25	2.05	22.2
20	2.05	21.5
17	2.05	21.1
15	2.03	20.3
10	2	18.4
5	1.87	16.4
0	1.74	14.3
-5	1.61	12.3
-10	1.49	10.3
-15	1.36	8.3
-20	1.23	6.3

XP13-036-230-08 - CH33-36C-2F + SL280UH090V60C

Entering Wet Bulb Temper- ature	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
63°F	1295	36.6	2.28	0.83	0.99	1	35	2.59	0.86	1	1	33.2	2.93	0.89	1	1	31	3.3	0.93	1	1
	1295	36.6	2.28	0.83	0.99	1	35	2.59	0.86	1	1	33.2	2.93	0.89	1	1	31	3.3	0.93	1	1
	1440	37.6	2.28	0.87	1	1	35.8	2.59	0.89	1	1	34	2.93	0.92	1	1	31.8	3.3	0.96	1	1
67°F	1295	38.5	2.28	0.65	0.81	0.97	36.6	2.59	0.66	0.83	0.99	34.4	2.93	0.68	0.86	1	31.8	3.29	0.7	0.9	1
	1295	38.5	2.28	0.65	0.81	0.97	36.6	2.59	0.66	0.83	0.99	34.4	2.93	0.68	0.86	1	31.8	3.29	0.7	0.9	1
	1440	39.5	2.28	0.67	0.84	1	37.2	2.59	0.68	0.87	1	35	2.93	0.7	0.9	1	32.2	3.29	0.73	0.94	1
71°F	1295	40.5	2.28	0.48	0.64	0.79	38.5	2.59	0.49	0.65	0.81	36.2	2.92	0.49	0.67	0.84	33.6	3.29	0.51	0.7	0.88
	1295	40.5	2.28	0.48	0.64	0.79	38.5	2.59	0.49	0.65	0.81	36.2	2.92	0.49	0.67	0.84	33.6	3.29	0.51	0.7	0.88
	1440	41	2.28	0.49	0.66	0.82	39	2.59	0.5	0.67	0.84	36.8	2.93	0.51	0.69	0.88	34	3.29	0.52	0.72	0.92

XP13-036-230-08 - CH33-36C-2F + SL280UH090V60C

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	2.3	31.3	2.15	22	1.99	16.2	1.82	8.3	1.32
1295	40	2.3	31.3	2.15	22	1.99	16.2	1.82	8.3	1.32
1440	40.2	2.24	31.5	2.09	22.3	1.94	16.4	1.76	8.5	1.26

**XP13-036-230-08 - CH33-36C-2F + SL280UH090V60C
HEATING PERFORMANCE at 1295 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.3	40
60	2.27	38
55	2.24	36
50	2.2	34
47	2.19	32.8
45	2.15	31.3
40	2.08	27.3
35	2	23.4
30	2	22.7
25	1.99	22
20	1.99	21.3
17	1.99	20.9
15	1.98	20.1
10	1.95	18.2
5	1.82	16.2
0	1.7	14.2
-5	1.57	12.2
-10	1.45	10.2
-15	1.32	8.3
-20	1.2	6.3

XP13-036-230-08 - CH33-36C-2F + SL280UH110V60C

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
63°F	1260	36.4	2.28	0.83	0.99	1	34.6	2.59	0.85	1	1	33	2.93	0.88	1	1	30.8	3.3	0.92	1	1
	1260	36.4	2.28	0.83	0.99	1	34.6	2.59	0.85	1	1	33	2.93	0.88	1	1	30.8	3.3	0.92	1	1
	1400	37.2	2.28	0.86	1	1	35.8	2.59	0.88	1	1	33.8	2.93	0.91	1	1	31.6	3.3	0.96	1	1
67°F	1260	38.5	2.28	0.65	0.81	0.96	36.6	2.59	0.66	0.83	0.98	34.2	2.93	0.68	0.86	1	31.6	3.29	0.7	0.89	1
	1260	38.5	2.28	0.65	0.81	0.96	36.6	2.59	0.66	0.83	0.98	34.2	2.93	0.68	0.86	1	31.6	3.29	0.7	0.89	1
	1400	39	2.28	0.67	0.84	0.99	37.2	2.59	0.68	0.86	1	35	2.93	0.7	0.89	1	32.2	3.29	0.73	0.93	1
71°F	1260	40	2.28	0.48	0.64	0.78	38.5	2.59	0.49	0.65	0.8	36	2.93	0.49	0.67	0.83	33.4	3.29	0.5	0.69	0.87
	1260	40	2.28	0.48	0.64	0.78	38.5	2.59	0.49	0.65	0.8	36	2.93	0.49	0.67	0.83	33.4	3.29	0.5	0.69	0.87
	1400	41	2.28	0.49	0.66	0.81	39	2.59	0.5	0.67	0.84	36.8	2.93	0.51	0.69	0.87	34	3.29	0.52	0.72	0.91

XP13-036-230-08 - CH33-36C-2F + SL280UH110V60C

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	2.32	31.3	2.17	22.1	2.01	16.2	1.83	8.3	1.33
1260	40	2.32	31.3	2.17	22.1	2.01	16.2	1.83	8.3	1.33
1400	40.3	2.26	31.6	2.11	22.4	1.95	16.6	1.77	8.6	1.27

**XP13-036-230-08 - CH33-36C-2F + SL280UH110V60C
HEATING PERFORMANCE at 1260 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.32	40
60	2.29	38
55	2.26	36
50	2.22	34
47	2.2	32.8
45	2.17	31.3
40	2.09	27.3
35	2.01	23.4
30	2.01	22.7
25	2.01	22.1
20	2.01	21.4
17	2	21
15	1.99	20.2
10	1.96	18.2
5	1.83	16.2
0	1.71	14.2
-5	1.58	12.3
-10	1.46	10.3
-15	1.33	8.3
-20	1.2	6.3

XP13-036-230-08 - CH33-36C-2F + SLP98UH090V36C

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
63°F	1040	35	2.27	0.78	0.93	1	33.4	2.59	0.8	0.95	1	31.4	2.93	0.82	0.98	1	29.2	3.3	0.85	1	1
	1210	36.2	2.28	0.82	0.98	1	34.4	2.59	0.84	1	1	32.6	2.93	0.87	1	1	30.4	3.3	0.9	1	1
	1360	37	2.28	0.85	1	1	35.4	2.59	0.88	1	1	33.6	2.93	0.91	1	1	31.4	3.3	0.95	1	1
67°F	1040	36.8	2.28	0.62	0.76	0.89	35.2	2.59	0.63	0.77	0.92	33	2.93	0.64	0.8	0.95	30.6	3.3	0.66	0.83	0.99
	1210	38	2.28	0.64	0.79	0.95	36.2	2.59	0.65	0.81	0.97	34	2.93	0.67	0.84	1	31.4	3.29	0.69	0.88	1
	1360	39	2.28	0.66	0.83	0.99	37	2.59	0.68	0.85	1	34.6	2.93	0.69	0.88	1	32	3.29	0.72	0.92	1
71°F	1040	38.5	2.28	0.46	0.6	0.73	36.8	2.59	0.47	0.61	0.75	34.6	2.93	0.47	0.63	0.77	32.2	3.3	0.48	0.65	0.8
	1210	40	2.28	0.48	0.63	0.77	38	2.59	0.48	0.64	0.79	35.8	2.93	0.49	0.66	0.82	33.2	3.29	0.5	0.68	0.86
	1360	41	2.28	0.49	0.65	0.81	39	2.59	0.5	0.67	0.83	36.4	2.92	0.5	0.69	0.86	33.8	3.29	0.52	0.71	0.9

XP13-036-230-08 - CH33-36C-2F + SLP98UH090V36C

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	39.2	2.45	30.6	2.29	21.4	2.12	15.6	1.94	7.7	1.43
1210	39.8	2.35	31.1	2.19	22	2.02	16.2	1.84	8.2	1.34
1360	40.2	2.29	31.6	2.13	22.4	1.96	16.6	1.78	8.7	1.27

**XP13-036-230-08 - CH33-36C-2F + SLP98UH090V36C
HEATING PERFORMANCE at 1210 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.35	39.8
60	2.32	37.8
55	2.28	35.9
50	2.25	33.9
47	2.23	32.7
45	2.19	31.1
40	2.11	27.2
35	2.03	23.3
30	2.03	22.6
25	2.02	22
20	2.02	21.3
17	2.02	20.9
15	2	20.1
10	1.97	18.1
5	1.84	16.2
0	1.72	14.2
-5	1.59	12.2
-10	1.46	10.2
-15	1.34	8.2
-20	1.21	6.3

XP13-036-230-08 - CH33-36C-2F + SLP98UH090V48C

Entering Wet Bulb Temper- ature	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
63°F	1075	35.2	2.27	0.79	0.94	1	33.4	2.58	0.8	0.96	1	31.6	2.93	0.83	0.99	1	29.4	3.3	0.86	1	1
	1265	36.4	2.28	0.83	0.99	1	34.8	2.59	0.85	1	1	33	2.93	0.88	1	1	30.8	3.3	0.92	1	1
	1375	37	2.28	0.85	1	1	35.6	2.59	0.88	1	1	33.6	2.93	0.91	1	1	31.4	3.3	0.95	1	1
67°F	1075	37	2.28	0.62	0.76	0.9	35.4	2.59	0.63	0.78	0.93	33.2	2.93	0.65	0.81	0.96	30.8	3.3	0.67	0.84	1
	1265	38.5	2.28	0.65	0.81	0.96	36.6	2.59	0.66	0.83	0.99	34.2	2.93	0.68	0.86	1	31.6	3.29	0.7	0.9	1
	1375	39	2.28	0.66	0.83	0.99	37	2.59	0.68	0.86	1	34.8	2.93	0.7	0.89	1	32.2	3.29	0.72	0.93	1
71°F	1075	39	2.28	0.47	0.61	0.74	37	2.59	0.47	0.62	0.76	34.8	2.93	0.48	0.63	0.78	32.4	3.29	0.49	0.65	0.81
	1265	40	2.28	0.48	0.64	0.78	38.5	2.59	0.49	0.65	0.8	36	2.93	0.49	0.67	0.83	33.4	3.29	0.51	0.69	0.87
	1375	41	2.28	0.49	0.65	0.81	39	2.59	0.5	0.67	0.83	36.6	2.92	0.5	0.69	0.86	34	3.29	0.52	0.71	0.9

XP13-036-230-08 - CH33-36C-2F + SLP98UH090V48C

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
1075	39.4	2.42	30.7	2.27	21.5	2.1	15.6	1.93	7.7	1.42
1265	40	2.32	31.3	2.17	22.1	2.01	16.2	1.83	8.3	1.33
1375	40.2	2.27	31.6	2.12	22.3	1.96	16.5	1.78	8.6	1.28

**XP13-036-230-08 - CH33-36C-2F + SLP98UH090V48C
HEATING PERFORMANCE at 1265 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.32	40
60	2.29	38
55	2.25	36
50	2.22	34
47	2.2	32.9
45	2.17	31.3
40	2.09	27.4
35	2.01	23.4
30	2.01	22.7
25	2.01	22.1
20	2	21.4
17	2	21
15	1.99	20.2
10	1.96	18.2
5	1.83	16.2
0	1.71	14.3
-5	1.58	12.3
-10	1.45	10.3
-15	1.33	8.3
-20	1.2	6.3

XP13-036-230-08 - CH33-36C-2F + SLP98UH090V60C

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
63°F	1320	36.8	2.28	0.84	1	1	35.2	2.59	0.86	1	1	33.4	2.93	0.89	1	1	31.2	3.3	0.93	1	1
	1320	36.8	2.28	0.84	1	1	35.2	2.59	0.86	1	1	33.4	2.93	0.89	1	1	31.2	3.3	0.93	1	1
	1460	37.8	2.28	0.87	1	1	36	2.59	0.9	1	1	34.2	2.93	0.93	1	1	31.8	3.3	0.97	1	1
67°F	1320	38.5	2.28	0.65	0.82	0.98	36.8	2.59	0.67	0.84	1	34.6	2.93	0.69	0.87	1	31.8	3.29	0.71	0.91	1
	1320	38.5	2.28	0.65	0.82	0.98	36.8	2.59	0.67	0.84	1	34.6	2.93	0.69	0.87	1	31.8	3.29	0.71	0.91	1
	1460	39.5	2.28	0.67	0.85	1	37.4	2.59	0.69	0.87	1	35	2.93	0.71	0.91	1	32.4	3.29	0.74	0.95	1
71°F	1320	40.5	2.28	0.49	0.64	0.8	38.5	2.59	0.49	0.66	0.82	36.2	2.92	0.5	0.68	0.85	33.6	3.29	0.51	0.7	0.89
	1320	40.5	2.28	0.49	0.64	0.8	38.5	2.59	0.49	0.66	0.82	36.2	2.92	0.5	0.68	0.85	33.6	3.29	0.51	0.7	0.89
	1460	41.5	2.28	0.5	0.66	0.83	39.5	2.59	0.5	0.68	0.85	37	2.93	0.51	0.7	0.88	34.2	3.29	0.52	0.73	0.93

XP13-036-230-08 - CH33-36C-2F + SLP98UH090V60C

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	40.1	2.28	31.4	2.14	22.2	1.99	16.3	1.82	8.3	1.32
1320	40.1	2.28	31.4	2.14	22.2	1.99	16.3	1.82	8.3	1.32
1460	40.4	2.23	31.7	2.09	22.5	1.94	16.7	1.77	8.7	1.27

**XP13-036-230-08 - CH33-36C-2F + SLP98UH090V60C
HEATING PERFORMANCE at 1320 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.28	40.1
60	2.25	38.1
55	2.22	36.1
50	2.19	34.1
47	2.17	33
45	2.14	31.4
40	2.07	27.4
35	1.99	23.5
30	1.99	22.8
25	1.99	22.2
20	1.99	21.5
17	1.99	21.1
15	1.98	20.3
10	1.95	18.3
5	1.82	16.3
0	1.7	14.3
-5	1.57	12.3
-10	1.45	10.3
-15	1.32	8.3
-20	1.2	6.3

XP13-036-230-08 - CH33-36C-2F + SLP98UH110V60C

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
63°F	1270	36.4	2.28	0.83	0.99	1	34.8	2.59	0.85	1	1	33	2.93	0.88	1	1	30.8	3.3	0.92	1	1
	1270	36.4	2.28	0.83	0.99	1	34.8	2.59	0.85	1	1	33	2.93	0.88	1	1	30.8	3.3	0.92	1	1
	1405	37.2	2.28	0.86	1	1	35.8	2.59	0.88	1	1	33.8	2.93	0.91	1	1	31.6	3.3	0.96	1	1
67°F	1270	38.5	2.28	0.65	0.81	0.96	36.6	2.59	0.66	0.83	0.99	34.4	2.93	0.68	0.86	1	31.6	3.29	0.7	0.9	1
	1270	38.5	2.28	0.65	0.81	0.96	36.6	2.59	0.66	0.83	0.99	34.4	2.93	0.68	0.86	1	31.6	3.29	0.7	0.9	1
	1405	39	2.28	0.67	0.84	0.99	37.2	2.59	0.68	0.86	1	35	2.93	0.7	0.89	1	32.2	3.29	0.73	0.93	1
71°F	1270	40	2.28	0.48	0.64	0.78	38.5	2.59	0.49	0.65	0.8	36	2.93	0.49	0.67	0.83	33.4	3.29	0.5	0.69	0.87
	1270	40	2.28	0.48	0.64	0.78	38.5	2.59	0.49	0.65	0.8	36	2.93	0.49	0.67	0.83	33.4	3.29	0.5	0.69	0.87
	1405	41	2.28	0.49	0.66	0.81	39	2.59	0.5	0.67	0.84	36.8	2.93	0.51	0.69	0.87	34	3.29	0.52	0.72	0.91

XP13-036-230-08 - CH33-36C-2F + SLP98UH110V60C

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	39.9	2.32	31.2	2.17	22	2	16.2	1.83	8.3	1.33
1270	39.9	2.32	31.2	2.17	22	2	16.2	1.83	8.3	1.33
1405	40.2	2.26	31.5	2.11	22.3	1.94	16.5	1.77	8.6	1.27

**XP13-036-230-08 - CH33-36C-2F + SLP98UH110V60C
HEATING PERFORMANCE at 1270 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.32	39.9
60	2.28	37.9
55	2.25	36
50	2.22	34
47	2.2	32.8
45	2.17	31.2
40	2.08	27.3
35	2	23.3
30	2	22.7
25	2	22
20	2	21.3
17	2	20.9
15	1.99	20.1
10	1.95	18.2
5	1.83	16.2
0	1.7	14.2
-5	1.58	12.2
-10	1.45	10.2
-15	1.33	8.3
-20	1.2	6.3

XP13-036-230-08 - CH33-42B-2F

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
63°F	1050	34.6	2.21	0.78	0.93	1	32.8	2.51	0.8	0.96	1	30.8	2.84	0.82	0.99	1	28.6	3.19	0.86	1	1
	1200	35.6	2.21	0.81	0.97	1	33.6	2.51	0.84	0.99	1	31.8	2.84	0.86	1	1	29.6	3.19	0.9	1	1
	1350	36.2	2.21	0.85	1	1	34.6	2.51	0.87	1	1	32.8	2.84	0.9	1	1	30.6	3.18	0.95	1	1
67°F	1050	36.8	2.22	0.62	0.76	0.89	34.8	2.51	0.63	0.78	0.92	32.8	2.84	0.64	0.8	0.95	30.2	3.18	0.67	0.83	0.99
	1200	37.6	2.21	0.64	0.79	0.94	35.8	2.51	0.65	0.81	0.97	33.6	2.84	0.67	0.84	1	31	3.18	0.69	0.88	1
	1350	38.5	2.22	0.66	0.83	0.98	36.4	2.51	0.67	0.85	1	34	2.84	0.69	0.88	1	31.4	3.18	0.72	0.92	1
71°F	1050	38.5	2.22	0.47	0.6	0.73	37	2.51	0.48	0.62	0.75	34.8	2.83	0.48	0.63	0.78	32	3.18	0.49	0.65	0.81
	1200	40	2.22	0.48	0.63	0.77	37.8	2.51	0.49	0.64	0.79	35.4	2.83	0.49	0.66	0.82	32.8	3.18	0.51	0.68	0.85
	1350	40.5	2.22	0.49	0.65	0.8	38.5	2.51	0.5	0.66	0.83	36.2	2.83	0.51	0.68	0.86	33.4	3.17	0.52	0.71	0.9

XP13-036-230-08 - CH33-42B-2F

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	39.7	2.54	31.1	2.36	22	2.18	16.2	1.98	8	1.47
1200	40.2	2.44	31.6	2.27	22.4	2.08	16.7	1.89	8.5	1.37
1350	40.6	2.37	32	2.2	22.9	2.01	17.1	1.82	8.9	1.3

XP13-036-230-08 - CH33-42B-2F

HEATING PERFORMANCE at 1200 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.44	40.2
60	2.4	38.2
55	2.36	36.3
50	2.33	34.3
47	2.3	33.1
45	2.27	31.6
40	2.18	27.6
35	2.1	23.7
30	2.09	23.1
25	2.08	22.4
20	2.08	21.8
17	2.07	21.4
15	2.06	20.6
10	2.02	18.7
5	1.89	16.7
0	1.76	14.6
-5	1.63	12.6
-10	1.5	10.5
-15	1.37	8.5
-20	1.24	6.4

XP13-036-230-08 - CH33-42B-2F + SL280UH090V36B

Entering Wet Bulb Temper- ature	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
63°F	1080	34.6	2.21	0.78	0.93	1	32.8	2.51	0.8	0.96	1	30.8	2.83	0.82	0.99	1	28.6	3.19	0.86	1	1
	1195	35.4	2.21	0.81	0.96	1	33.6	2.51	0.83	0.99	1	31.6	2.84	0.85	1	1	29.4	3.19	0.89	1	1
	1395	36.4	2.21	0.85	1	1	34.8	2.51	0.87	1	1	32.8	2.83	0.91	1	1	30.8	3.18	0.95	1	1
67°F	1080	36.8	2.22	0.61	0.76	0.9	35	2.51	0.62	0.77	0.92	32.8	2.84	0.64	0.8	0.95	30.2	3.18	0.66	0.83	0.99
	1195	37.4	2.21	0.63	0.78	0.93	35.6	2.51	0.64	0.8	0.96	33.4	2.84	0.66	0.83	0.99	30.8	3.18	0.68	0.87	1
	1395	38.5	2.22	0.66	0.83	0.99	36.6	2.51	0.67	0.85	1	34.2	2.84	0.69	0.88	1	31.6	3.18	0.72	0.93	1
71°F	1080	39	2.22	0.46	0.6	0.73	37	2.51	0.47	0.61	0.75	34.8	2.83	0.47	0.63	0.77	32	3.18	0.48	0.65	0.81
	1195	39.5	2.22	0.47	0.62	0.76	37.6	2.51	0.48	0.63	0.78	35.4	2.83	0.48	0.65	0.8	32.6	3.18	0.49	0.67	0.84
	1395	40.5	2.22	0.49	0.65	0.8	38.5	2.51	0.49	0.66	0.83	36.2	2.83	0.5	0.68	0.86	33.4	3.17	0.51	0.71	0.9

XP13-036-230-08 - CH33-42B-2F + SL280UH090V36B

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
1080	39.2	2.5	30.6	2.33	21.5	2.15	15.8	1.96	7.9	1.44
1195	39.5	2.42	30.9	2.26	21.8	2.07	16.1	1.88	8.2	1.37
1395	40.2	2.34	31.6	2.17	22.5	1.99	16.8	1.8	8.9	1.28

**XP13-036-230-08 - CH33-42B-2F + SL280UH090V36B
HEATING PERFORMANCE at 1195 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.42	39.5
60	2.39	37.6
55	2.35	35.6
50	2.31	33.7
47	2.29	32.5
45	2.26	30.9
40	2.17	27.1
35	2.09	23.2
30	2.08	22.5
25	2.07	21.8
20	2.07	21.2
17	2.06	20.8
15	2.05	20
10	2.01	18.1
5	1.88	16.1
0	1.75	14.1
-5	1.63	12.1
-10	1.5	10.2
-15	1.37	8.2
-20	1.24	6.2

XP13-036-230-08 - CH33-42B-2F + SL280UH090V48B

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
63°F	1060	34.6	2.21	0.78	0.92	1	32.8	2.51	0.8	0.95	1	30.8	2.84	0.82	0.98	1	28.6	3.19	0.85	1	1
	1200	35.4	2.21	0.81	0.97	1	33.6	2.51	0.83	0.99	1	31.6	2.84	0.86	1	1	29.4	3.19	0.89	1	1
	1335	36	2.21	0.84	1	1	34.4	2.51	0.86	1	1	32.6	2.84	0.89	1	1	30.4	3.19	0.93	1	1
67°F	1060	36.6	2.22	0.61	0.75	0.89	34.8	2.51	0.62	0.77	0.91	32.8	2.84	0.64	0.79	0.95	30.2	3.18	0.66	0.83	0.99
	1200	37.6	2.22	0.63	0.78	0.93	35.6	2.51	0.64	0.8	0.96	33.4	2.84	0.66	0.83	0.99	30.8	3.18	0.68	0.87	1
	1335	38	2.21	0.65	0.82	0.97	36.4	2.51	0.66	0.84	0.99	34	2.83	0.68	0.87	1	31.4	3.18	0.71	0.91	1
71°F	1060	38.5	2.22	0.46	0.6	0.73	36.8	2.51	0.47	0.61	0.75	34.6	2.83	0.47	0.62	0.77	32	3.18	0.48	0.65	0.8
	1200	39.5	2.22	0.47	0.62	0.76	37.8	2.51	0.48	0.63	0.78	35.4	2.83	0.49	0.65	0.81	32.6	3.18	0.5	0.67	0.84
	1335	40.5	2.22	0.48	0.64	0.79	38.5	2.51	0.49	0.65	0.81	36	2.83	0.5	0.67	0.84	33.2	3.17	0.51	0.7	0.89

XP13-036-230-08 - CH33-42B-2F + SL280UH090V48B

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	39.2	2.51	30.6	2.34	21.4	2.16	15.7	1.96	7.8	1.45
1200	39.7	2.43	31.1	2.26	21.9	2.07	16.2	1.88	8.2	1.37
1335	40	2.36	31.4	2.19	22.3	2.01	16.5	1.82	8.6	1.3

**XP13-036-230-08 - CH33-42B-2F + SL280UH090V48B
HEATING PERFORMANCE at 1200 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.43	39.7
60	2.39	37.7
55	2.35	35.7
50	2.32	33.8
47	2.29	32.6
45	2.26	31.1
40	2.17	27.1
35	2.09	23.2
30	2.08	22.6
25	2.07	21.9
20	2.07	21.3
17	2.06	20.9
15	2.05	20.1
10	2.01	18.1
5	1.88	16.2
0	1.75	14.2
-5	1.63	12.2
-10	1.5	10.2
-15	1.37	8.2
-20	1.24	6.3

XP13-036-230-08 - CH33-42B-2F + SLP98UH070V36B

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
63°F	1060	34.6	2.21	0.78	0.93	1	32.8	2.51	0.8	0.95	1	30.8	2.84	0.82	0.98	1	28.6	3.19	0.85	1	1
	1215	35.4	2.21	0.81	0.97	1	33.6	2.51	0.83	0.99	1	31.8	2.84	0.86	1	1	29.6	3.19	0.9	1	1
	1365	36.4	2.21	0.85	1	1	34.8	2.51	0.87	1	1	32.8	2.84	0.9	1	1	30.6	3.18	0.95	1	1
67°F	1060	36.6	2.22	0.61	0.75	0.89	34.8	2.51	0.62	0.77	0.92	32.8	2.84	0.64	0.8	0.95	30.2	3.18	0.66	0.83	0.99
	1215	37.6	2.21	0.64	0.79	0.94	35.8	2.51	0.65	0.81	0.97	33.4	2.83	0.67	0.84	1	31	3.18	0.69	0.88	1
	1365	38.5	2.22	0.66	0.83	0.98	36.6	2.51	0.67	0.85	1	34.2	2.84	0.69	0.88	1	31.6	3.18	0.72	0.92	1
71°F	1060	38.5	2.22	0.46	0.6	0.73	36.8	2.51	0.47	0.61	0.75	34.6	2.83	0.48	0.62	0.77	32	3.18	0.48	0.65	0.8
	1215	40	2.22	0.48	0.62	0.77	37.8	2.51	0.48	0.63	0.79	35.4	2.83	0.49	0.65	0.81	32.8	3.18	0.5	0.68	0.85
	1365	40.5	2.22	0.49	0.65	0.8	38.5	2.51	0.5	0.66	0.82	36.2	2.83	0.51	0.68	0.86	33.6	3.18	0.52	0.71	0.9

XP13-036-230-08 - CH33-42B-2F + SLP98UH070V36B

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	39.3	2.51	30.7	2.34	21.5	2.16	15.7	1.97	7.7	1.46
1215	39.9	2.42	31.3	2.25	22.1	2.07	16.3	1.88	8.3	1.37
1365	40.5	2.36	31.9	2.19	22.7	2.01	16.9	1.82	8.9	1.3

**XP13-036-230-08 - CH33-42B-2F + SLP98UH070V36B
HEATING PERFORMANCE at 1215 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.42	39.9
60	2.39	37.9
55	2.35	36
50	2.31	34
47	2.29	32.8
45	2.25	31.3
40	2.17	27.3
35	2.08	23.4
30	2.08	22.8
25	2.07	22.1
20	2.07	21.5
17	2.06	21.1
15	2.05	20.3
10	2.01	18.3
5	1.88	16.3
0	1.75	14.3
-5	1.63	12.3
-10	1.5	10.3
-15	1.37	8.3
-20	1.24	6.3

XP13-036-230-08 - CR33-48B-F + SL280DF090V48B

Entering Wet Bulb Temper- ature	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
63°F	1075	35.4	2.26	0.78	0.92	1	33.6	2.57	0.79	0.95	1	31.8	2.92	0.82	0.97	1	29.4	3.28	0.85	1	1
	1200	36.2	2.27	0.8	0.96	1	34.4	2.58	0.82	0.98	1	32.4	2.92	0.85	1	1	30.4	3.29	0.88	1	1
	1330	36.8	2.27	0.83	0.99	1	35	2.58	0.85	1	1	33.4	2.92	0.88	1	1	31.2	3.28	0.92	1	1
67°F	1075	37.6	2.27	0.61	0.75	0.89	35.8	2.58	0.62	0.77	0.91	33.8	2.92	0.64	0.79	0.94	31.4	3.28	0.66	0.82	0.98
	1200	38.5	2.27	0.63	0.78	0.92	36.6	2.58	0.64	0.8	0.95	34.4	2.92	0.66	0.82	0.98	31.8	3.28	0.68	0.86	1
	1330	39	2.27	0.65	0.81	0.96	37.2	2.58	0.66	0.83	0.98	35	2.92	0.68	0.86	1	32.4	3.28	0.7	0.9	1
71°F	1075	39.5	2.27	0.46	0.6	0.73	38	2.58	0.47	0.61	0.75	35.6	2.92	0.47	0.63	0.77	33.2	3.28	0.48	0.64	0.8
	1200	40.5	2.27	0.47	0.62	0.76	38.5	2.58	0.48	0.63	0.77	36.4	2.91	0.48	0.65	0.8	33.8	3.27	0.49	0.67	0.83
	1330	41	2.27	0.48	0.64	0.78	39.5	2.58	0.49	0.65	0.81	37	2.91	0.5	0.67	0.83	34.2	3.27	0.5	0.69	0.87

XP13-036-230-08 - CR33-48B-F + SL280DF090V48B

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
1075	39.4	2.44	30.8	2.28	21.6	2.11	15.9	1.93	7.9	1.42
1200	39.7	2.37	31.1	2.21	21.9	2.03	16.1	1.86	8.2	1.35
1330	40.1	2.31	31.5	2.15	22.3	1.98	16.5	1.8	8.6	1.29

XP13-036-230-08 - CR33-48B-F + SL280DF090V48B

HEATING PERFORMANCE at 1200 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.37	39.7
60	2.33	37.8
55	2.3	35.8
50	2.26	33.8
47	2.24	32.6
45	2.21	31.1
40	2.12	27.2
35	2.04	23.3
30	2.04	22.6
25	2.03	21.9
20	2.03	21.3
17	2.03	20.9
15	2.02	20.1
10	1.98	18.1
5	1.86	16.1
0	1.73	14.2
-5	1.6	12.2
-10	1.47	10.2
-15	1.35	8.2
-20	1.22	6.3

XP13-036-230-08 - CR33-48B-F + SLP98DF070V36B

Entering Wet Bulb Temper- ature	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
63°F	1075	35.4	2.26	0.78	0.92	1	33.6	2.57	0.79	0.95	1	31.8	2.92	0.82	0.98	1	29.4	3.28	0.85	1	1
	1230	36.4	2.27	0.81	0.97	1	34.6	2.58	0.83	0.99	1	32.6	2.92	0.86	1	1	30.6	3.28	0.89	1	1
	1365	37	2.27	0.84	1	1	35.4	2.58	0.86	1	1	33.6	2.92	0.89	1	1	31.4	3.28	0.93	1	1
67°F	1075	37.6	2.27	0.61	0.75	0.89	35.8	2.58	0.62	0.77	0.91	33.8	2.92	0.64	0.79	0.94	31.4	3.28	0.66	0.82	0.98
	1230	38.5	2.27	0.64	0.79	0.93	36.6	2.58	0.65	0.81	0.96	34.6	2.92	0.66	0.83	0.99	32	3.28	0.68	0.87	1
	1365	39	2.27	0.66	0.82	0.97	37.4	2.58	0.67	0.84	0.99	35.2	2.91	0.69	0.87	1	32.4	3.28	0.71	0.91	1
71°F	1075	39.5	2.27	0.46	0.6	0.73	38	2.58	0.47	0.61	0.75	35.6	2.92	0.47	0.63	0.77	33.2	3.28	0.48	0.64	0.8
	1230	40.5	2.27	0.47	0.62	0.76	39	2.58	0.48	0.63	0.78	36.6	2.91	0.49	0.65	0.81	34	3.27	0.5	0.67	0.85
	1365	41.5	2.27	0.49	0.64	0.79	39.5	2.58	0.49	0.66	0.82	37.2	2.91	0.5	0.68	0.85	34.4	3.27	0.51	0.7	0.89

XP13-036-230-08 - CR33-48B-F + SLP98DF070V36B

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
1075	39.5	2.44	30.8	2.28	21.6	2.11	15.8	1.93	7.8	1.42
1230	40	2.36	31.3	2.2	22.1	2.02	16.3	1.84	8.3	1.34
1365	40.4	2.3	31.8	2.14	22.6	1.97	16.8	1.79	8.8	1.28

XP13-036-230-08 - CR33-48B-F + SLP98DF070V36B

HEATING PERFORMANCE at 1230 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.36	40
60	2.32	38
55	2.29	36
50	2.25	34
47	2.23	32.9
45	2.2	31.3
40	2.11	27.4
35	2.03	23.5
30	2.03	22.8
25	2.02	22.1
20	2.02	21.4
17	2.02	21
15	2.01	20.3
10	1.97	18.3
5	1.84	16.3
0	1.72	14.3
-5	1.59	12.3
-10	1.47	10.3
-15	1.34	8.3
-20	1.21	6.3

XP13-036-230-08 - CR33-48C-F + SL280DF090V60C

Entering Wet Bulb Temperature	Outdoor Air Temperature Entering Outdoor Coil																								
	Total Air Volume	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						
				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	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	1305	36.6	2.27	0.82	0.98	1	34.8	2.58	0.84	1	1	33	2.91	0.87	1	1	31	3.28	0.91	1	1				
	1305	36.6	2.27	0.82	0.98	1	34.8	2.58	0.84	1	1	33	2.91	0.87	1	1	31	3.28	0.91	1	1				
	1420	37.2	2.27	0.85	1	1	35.6	2.58	0.87	1	1	33.8	2.91	0.9	1	1	31.6	3.28	0.94	1	1				
67°F	1305	39	2.27	0.64	0.8	0.95	37	2.58	0.65	0.82	0.98	34.8	2.92	0.67	0.85	1	32.2	3.28	0.69	0.89	1				
	1305	39	2.27	0.64	0.8	0.95	37	2.58	0.65	0.82	0.98	34.8	2.92	0.67	0.85	1	32.2	3.28	0.69	0.89	1				
	1420	39.5	2.27	0.66	0.82	0.98	37.4	2.58	0.67	0.85	1	35.2	2.91	0.69	0.88	1	32.6	3.28	0.71	0.92	1				
71°F	1305	41	2.27	0.47	0.63	0.77	39	2.58	0.48	0.64	0.8	36.8	2.91	0.49	0.66	0.82	34.2	3.27	0.5	0.68	0.86				
	1305	41	2.27	0.47	0.63	0.77	39	2.58	0.48	0.64	0.8	36.8	2.91	0.49	0.66	0.82	34.2	3.27	0.5	0.68	0.86				
	1420	41.5	2.27	0.48	0.65	0.8	39.5	2.58	0.49	0.66	0.82	37.4	2.91	0.5	0.68	0.85	34.6	3.27	0.51	0.71	0.89				

XP13-036-230-08 - CR33-48C-F + SL280DF090V60C

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	39.9	2.31	31.2	2.16	22	2	16.1	1.83	8.2	1.32
1305	39.9	2.31	31.2	2.16	22	2	16.1	1.83	8.2	1.32
1420	40.2	2.27	31.5	2.12	22.3	1.95	16.4	1.78	8.5	1.28

**XP13-036-230-08 - CR33-48C-F + SL280DF090V60C
HEATING PERFORMANCE at 1305 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.31	39.9
60	2.28	37.9
55	2.25	36
50	2.21	34
47	2.19	32.8
45	2.16	31.2
40	2.08	27.3
35	2	23.3
30	2	22.7
25	2	22
20	2	21.3
17	2	20.9
15	1.98	20.1
10	1.95	18.1
5	1.83	16.1
0	1.7	14.2
-5	1.58	12.2
-10	1.45	10.2
-15	1.32	8.2
-20	1.2	6.3

XP13-036-230-08 - CR33-48C-F + SL280DF110V60C

Entering Wet Bulb Temper- ature	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
63°F	1225	36.2	2.27	0.81	0.96	1	34.6	2.58	0.83	0.99	1	32.6	2.92	0.85	1	1	30.4	3.28	0.89	1	1
	1225	36.2	2.27	0.81	0.96	1	34.6	2.58	0.83	0.99	1	32.6	2.92	0.85	1	1	30.4	3.28	0.89	1	1
	1360	37	2.27	0.84	0.99	1	35.2	2.58	0.86	1	1	33.4	2.91	0.89	1	1	31.4	3.28	0.93	1	1
67°F	1225	38.5	2.27	0.63	0.78	0.93	36.6	2.58	0.64	0.8	0.96	34.6	2.92	0.66	0.83	0.98	32	3.28	0.68	0.86	1
	1225	38.5	2.27	0.63	0.78	0.93	36.6	2.58	0.64	0.8	0.96	34.6	2.92	0.66	0.83	0.98	32	3.28	0.68	0.86	1
	1360	39	2.27	0.65	0.81	0.96	37.2	2.58	0.66	0.83	0.99	35	2.92	0.68	0.86	1	32.4	3.28	0.7	0.9	1
71°F	1225	40.5	2.28	0.47	0.62	0.76	38.5	2.58	0.48	0.63	0.78	36.4	2.91	0.48	0.65	0.81	33.8	3.27	0.49	0.67	0.84
	1225	40.5	2.28	0.47	0.62	0.76	38.5	2.58	0.48	0.63	0.78	36.4	2.91	0.48	0.65	0.81	33.8	3.27	0.49	0.67	0.84
	1360	41	2.27	0.48	0.64	0.79	39.5	2.58	0.49	0.65	0.81	37	2.91	0.49	0.67	0.84	34.4	3.27	0.5	0.7	0.88

XP13-036-230-08 - CR33-48C-F + SL280DF110V60C

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	39.7	2.35	31	2.19	21.8	2.02	16	1.84	8.2	1.34
1225	39.7	2.35	31	2.19	21.8	2.02	16	1.84	8.2	1.34
1360	40	2.3	31.4	2.14	22.2	1.96	16.4	1.78	8.5	1.28

XP13-036-230-08 - CR33-48C-F + SL280DF110V60C

HEATING PERFORMANCE at 1225 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.35	39.7
60	2.32	37.7
55	2.28	35.7
50	2.25	33.8
47	2.23	32.6
45	2.19	31
40	2.11	27.1
35	2.03	23.2
30	2.02	22.5
25	2.02	21.8
20	2.02	21.2
17	2.02	20.8
15	2	20
10	1.97	18
5	1.84	16
0	1.71	14.1
-5	1.59	12.1
-10	1.46	10.2
-15	1.34	8.2
-20	1.21	6.2

XP13-036-230-08 - CR33-48C-F + SLP98DF090V36C

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
63°F	1025	35	2.27	0.77	0.91	1	33.4	2.57	0.78	0.93	1	31.4	2.92	0.8	0.96	1	29.2	3.28	0.83	0.99	1
	1215	36.2	2.27	0.81	0.96	1	34.4	2.58	0.83	0.98	1	32.4	2.92	0.85	1	1	30.4	3.28	0.89	1	1
	1385	37.2	2.27	0.84	1	1	35.4	2.58	0.87	1	1	33.6	2.92	0.9	1	1	31.6	3.28	0.94	1	1
67°F	1025	37.2	2.27	0.61	0.74	0.87	35.4	2.58	0.62	0.76	0.9	33.4	2.92	0.63	0.78	0.93	31	3.28	0.64	0.81	0.96
	1215	38.5	2.27	0.63	0.78	0.93	36.6	2.58	0.64	0.8	0.95	34.6	2.92	0.66	0.83	0.98	32	3.28	0.68	0.86	1
	1385	39.5	2.27	0.66	0.82	0.97	37.4	2.58	0.67	0.84	1	35.2	2.91	0.69	0.87	1	32.4	3.28	0.71	0.91	1
71°F	1025	39	2.27	0.45	0.59	0.72	37.6	2.58	0.46	0.6	0.73	35.4	2.92	0.47	0.62	0.76	32.8	3.28	0.47	0.63	0.78
	1215	40.5	2.27	0.47	0.62	0.76	38.5	2.58	0.48	0.63	0.78	36.4	2.91	0.48	0.65	0.81	33.8	3.27	0.49	0.67	0.84
	1385	41.5	2.27	0.48	0.65	0.79	39.5	2.58	0.49	0.66	0.82	37.2	2.91	0.5	0.68	0.85	34.4	3.27	0.51	0.7	0.89

XP13-036-230-08 - CR33-48C-F + SLP98DF090V36C

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
1025	39.2	2.47	30.5	2.3	21.4	2.13	15.6	1.95	7.6	1.44
1215	39.8	2.36	31.2	2.2	22	2.03	16.2	1.85	8.3	1.34
1385	40.3	2.29	31.7	2.13	22.5	1.96	16.7	1.78	8.8	1.27

**XP13-036-230-08 - CR33-48C-F + SLP98DF090V36C
HEATING PERFORMANCE at 1215 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.36	39.8
60	2.33	37.8
55	2.29	35.9
50	2.26	33.9
47	2.24	32.7
45	2.2	31.2
40	2.12	27.2
35	2.03	23.3
30	2.03	22.7
25	2.03	22
20	2.02	21.3
17	2.02	20.9
15	2.01	20.1
10	1.97	18.2
5	1.85	16.2
0	1.72	14.2
-5	1.59	12.2
-10	1.47	10.2
-15	1.34	8.3
-20	1.21	6.3

XP13-036-230-08 - CR33-48C-F + SLP98DF090V48C

Entering Wet Bulb Temper- ature	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						
				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	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	34.8	2.26	0.76	0.9	1	33.2	2.57	0.78	0.92	1	31.4	2.92	0.8	0.95	1	29	3.28	0.83	0.99	1				
	1220	36.2	2.27	0.81	0.96	1	34.6	2.58	0.83	0.99	1	32.6	2.92	0.85	1	1	30.4	3.28	0.89	1	1				
	1340	36.8	2.27	0.83	0.99	1	35.2	2.58	0.86	1	1	33.4	2.92	0.88	1	1	31.2	3.28	0.93	1	1				
67°F	1000	37	2.27	0.6	0.74	0.87	35.4	2.58	0.61	0.75	0.89	33.2	2.92	0.63	0.77	0.92	30.8	3.28	0.64	0.8	0.96				
	1220	38.5	2.27	0.63	0.78	0.93	36.6	2.58	0.64	0.8	0.95	34.6	2.92	0.66	0.83	0.98	32	3.28	0.68	0.86	1				
	1340	39	2.27	0.65	0.81	0.96	37.2	2.58	0.66	0.83	0.99	35	2.92	0.68	0.86	1	32.4	3.28	0.7	0.9	1				
71°F	1000	39	2.27	0.45	0.59	0.71	37.4	2.58	0.46	0.6	0.73	35.2	2.91	0.47	0.61	0.75	32.6	3.28	0.48	0.63	0.78				
	1220	40.5	2.28	0.47	0.62	0.76	38.5	2.58	0.48	0.63	0.78	36.4	2.91	0.48	0.65	0.81	33.8	3.27	0.49	0.67	0.84				
	1340	41	2.27	0.48	0.64	0.79	39.5	2.58	0.49	0.65	0.81	37	2.91	0.5	0.67	0.84	34.4	3.27	0.5	0.69	0.88				

XP13-036-230-08 - CR33-48C-F + SLP98DF090V48C

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								
											kW		kW		kW		kW	
											cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1000	39.1	2.48	30.5	2.32	21.3	2.15	15.5	1.97	7.6	1.47								
1220	39.7	2.36	31.1	2.2	21.9	2.03	16.2	1.85	8.2	1.34								
1340	40.1	2.31	31.5	2.15	22.4	1.98	16.6	1.8	8.6	1.29								

**XP13-036-230-08 - CR33-48C-F + SLP98DF090V48C
HEATING PERFORMANCE at 1220 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.36	39.7
60	2.32	37.8
55	2.29	35.8
50	2.25	33.8
47	2.23	32.7
45	2.2	31.1
40	2.12	27.2
35	2.04	23.3
30	2.03	22.6
25	2.03	21.9
20	2.02	21.3
17	2.02	20.9
15	2.01	20.1
10	1.97	18.1
5	1.85	16.2
0	1.72	14.2
-5	1.59	12.2
-10	1.47	10.2
-15	1.34	8.2
-20	1.21	6.3

XP13-036-230-08 - CR33-48C-F + SLP98DF090V60C

Entering Wet Bulb Temper- ature	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
63°F	1265	36.4	2.27	0.82	0.97	1	34.8	2.58	0.84	0.99	1	32.8	2.91	0.86	1	1	30.8	3.28	0.9	1	1
	1265	36.4	2.27	0.82	0.97	1	34.8	2.58	0.84	0.99	1	32.8	2.91	0.86	1	1	30.8	3.28	0.9	1	1
	1445	37.4	2.27	0.86	1	1	35.8	2.58	0.88	1	1	34	2.92	0.91	1	1	31.8	3.28	0.95	1	1
67°F	1265	38.5	2.27	0.64	0.79	0.94	36.8	2.58	0.65	0.81	0.97	34.8	2.92	0.67	0.84	0.99	32	3.28	0.69	0.88	1
	1265	38.5	2.27	0.64	0.79	0.94	36.8	2.58	0.65	0.81	0.97	34.8	2.92	0.67	0.84	0.99	32	3.28	0.69	0.88	1
	1445	39.5	2.27	0.66	0.83	0.98	37.6	2.58	0.68	0.86	1	35.4	2.91	0.7	0.89	1	32.6	3.27	0.72	0.93	1
71°F	1265	41	2.27	0.47	0.63	0.77	39	2.58	0.48	0.64	0.79	36.6	2.91	0.49	0.66	0.82	34	3.27	0.5	0.68	0.85
	1265	41	2.27	0.47	0.63	0.77	39	2.58	0.48	0.64	0.79	36.6	2.91	0.49	0.66	0.82	34	3.27	0.5	0.68	0.85
	1445	41.5	2.27	0.49	0.65	0.81	40	2.58	0.5	0.67	0.83	37.4	2.91	0.5	0.69	0.86	34.6	3.27	0.51	0.71	0.91

XP13-036-230-08 - CR33-48C-F + SLP98DF090V60C

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
1265	39.9	2.33	31.2	2.18	22	2.01	16.2	1.84	8.3	1.33
1265	39.9	2.33	31.2	2.18	22	2.01	16.2	1.84	8.3	1.33
1445	40.5	2.27	31.8	2.11	22.6	1.94	16.8	1.77	8.8	1.26

XP13-036-230-08 - CR33-48C-F + SLP98DF090V60C

HEATING PERFORMANCE at 1265 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.33	39.9
60	2.3	37.9
55	2.27	36
50	2.23	34
47	2.21	32.8
45	2.18	31.2
40	2.1	27.3
35	2.01	23.4
30	2.01	22.7
25	2.01	22
20	2.01	21.4
17	2.01	21
15	2	20.2
10	1.96	18.2
5	1.84	16.2
0	1.71	14.2
-5	1.58	12.2
-10	1.46	10.3
-15	1.33	8.3
-20	1.21	6.3

XP13-036-230-08 - CR33-48C-F + SLP98DF110V60C

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
63°F	1270	36.4	2.27	0.82	0.97	1	34.8	2.58	0.84	1	1	32.8	2.91	0.86	1	1	30.8	3.28	0.9	1	1
	1270	36.4	2.27	0.82	0.97	1	34.8	2.58	0.84	1	1	32.8	2.91	0.86	1	1	30.8	3.28	0.9	1	1
	1440	37.4	2.27	0.85	1	1	35.8	2.58	0.88	1	1	34	2.92	0.91	1	1	31.8	3.28	0.95	1	1
67°F	1270	38.5	2.27	0.64	0.79	0.94	36.8	2.58	0.65	0.82	0.97	34.8	2.92	0.67	0.84	1	32	3.28	0.69	0.88	1
	1270	38.5	2.27	0.64	0.79	0.94	36.8	2.58	0.65	0.82	0.97	34.8	2.92	0.67	0.84	1	32	3.28	0.69	0.88	1
	1440	39.5	2.27	0.66	0.83	0.98	37.6	2.58	0.68	0.85	1	35.4	2.91	0.69	0.88	1	32.6	3.27	0.72	0.93	1
71°F	1270	41	2.27	0.47	0.63	0.77	39	2.58	0.48	0.64	0.79	36.6	2.91	0.49	0.66	0.82	34	3.27	0.5	0.68	0.85
	1270	41	2.27	0.47	0.63	0.77	39	2.58	0.48	0.64	0.79	36.6	2.91	0.49	0.66	0.82	34	3.27	0.5	0.68	0.85
	1440	41.5	2.27	0.49	0.65	0.8	39.5	2.58	0.49	0.67	0.83	37.4	2.91	0.5	0.69	0.86	34.6	3.27	0.51	0.71	0.9

XP13-036-230-08 - CR33-48C-F + SLP98DF110V60C

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	39.9	2.33	31.2	2.18	22	2.01	16.2	1.83	8.3	1.33
1270	39.9	2.33	31.2	2.18	22	2.01	16.2	1.83	8.3	1.33
1440	40.4	2.27	31.7	2.11	22.5	1.94	16.6	1.77	8.7	1.27

**XP13-036-230-08 - CR33-48C-F + SLP98DF110V60C
HEATING PERFORMANCE at 1270 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.33	39.9
60	2.3	38
55	2.26	36
50	2.23	34
47	2.21	32.8
45	2.18	31.2
40	2.09	27.3
35	2.01	23.4
30	2.01	22.7
25	2.01	22
20	2.01	21.4
17	2.01	21
15	1.99	20.2
10	1.96	18.2
5	1.83	16.2
0	1.71	14.2
-5	1.58	12.2
-10	1.46	10.3
-15	1.33	8.3
-20	1.21	6.3

XP13-036-230-08 - CX34-38A-6F + SL280UH070V36A-3

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
63°F	1045	36.4	2.34	0.77	0.91	1	34.8	2.67	0.78	0.93	1	32.8	3.03	0.81	0.96	1	30.4	3.42	0.84	1	1
	1215	37.6	2.34	0.81	0.96	1	35.8	2.67	0.82	0.98	1	33.8	3.03	0.85	1	1	31.8	3.41	0.89	1	1
	1370	38.5	2.34	0.84	1	1	36.8	2.67	0.86	1	1	35	3.02	0.89	1	1	32.8	3.41	0.93	1	1
67°F	1045	38.5	2.35	0.61	0.75	0.87	36.8	2.67	0.61	0.76	0.9	34.8	3.03	0.63	0.78	0.93	32.4	3.41	0.65	0.81	0.97
	1215	39.5	2.35	0.63	0.78	0.93	37.8	2.67	0.65	0.8	0.95	35.8	3.02	0.66	0.83	0.98	33	3.4	0.68	0.86	1
	1370	40.5	2.35	0.65	0.81	0.97	38.5	2.67	0.67	0.84	0.99	36.4	3.02	0.68	0.87	1	33.8	3.4	0.71	0.9	1
71°F	1045	40.5	2.35	0.46	0.6	0.72	39	2.66	0.47	0.6	0.73	36.8	3.02	0.47	0.62	0.76	34.2	3.4	0.48	0.63	0.79
	1215	41.5	2.35	0.47	0.61	0.76	40	2.67	0.48	0.63	0.78	37.8	3.02	0.49	0.65	0.8	35	3.4	0.5	0.67	0.84
	1370	42.5	2.35	0.49	0.64	0.79	40.5	2.67	0.49	0.65	0.81	38.5	3.02	0.5	0.67	0.84	35.6	3.39	0.51	0.7	0.88

XP13-036-230-08 - CX34-38A-6F + SL280UH070V36A-3

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
1045	39.1	2.46	30.5	2.31	21.4	2.14	15.7	1.97	7.7	1.46
1215	39.7	2.36	31.1	2.21	22	2.04	16.3	1.87	8.3	1.35
1370	40.2	2.3	31.6	2.15	22.5	1.98	16.8	1.8	8.8	1.29

**XP13-036-230-08 - CX34-38A-6F + SL280UH070V36A-3
HEATING PERFORMANCE at 1215 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.36	39.7
60	2.33	37.7
55	2.29	35.8
50	2.26	33.9
47	2.24	32.7
45	2.21	31.1
40	2.13	27.2
35	2.04	23.2
30	2.04	22.6
25	2.04	22
20	2.04	21.4
17	2.04	21
15	2.03	20.2
10	2	18.3
5	1.87	16.3
0	1.74	14.3
-5	1.61	12.3
-10	1.48	10.3
-15	1.35	8.3
-20	1.23	6.3

XP13-036-230-08 - CX34-38B-6F

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
63°F	1050	36.6	2.35	0.77	0.92	1	35	2.67	0.79	0.94	1	33	3.02	0.82	0.97	1	30.6	3.42	0.85	1	1
	1200	37.6	2.34	0.81	0.96	1	35.8	2.67	0.82	0.99	1	34	3.03	0.85	1	1	31.8	3.41	0.89	1	1
	1350	38.5	2.34	0.84	1	1	36.8	2.67	0.86	1	1	35	3.02	0.89	1	1	32.8	3.41	0.93	1	1
67°F	1050	38.5	2.34	0.61	0.75	0.88	37	2.67	0.62	0.77	0.9	35	3.03	0.64	0.79	0.94	32.4	3.41	0.66	0.82	0.98
	1200	39.5	2.35	0.64	0.79	0.93	37.8	2.67	0.65	0.8	0.95	35.8	3.02	0.66	0.83	0.98	33	3.4	0.68	0.86	1
	1350	40.5	2.35	0.66	0.81	0.97	38.5	2.67	0.67	0.84	0.99	36.4	3.02	0.69	0.87	1	33.8	3.41	0.71	0.9	1
71°F	1050	40.5	2.35	0.47	0.6	0.73	39	2.66	0.47	0.61	0.74	36.8	3.02	0.48	0.62	0.76	34.2	3.4	0.49	0.64	0.8
	1200	41.5	2.35	0.48	0.61	0.76	40	2.67	0.49	0.63	0.78	37.8	3.02	0.49	0.65	0.8	35	3.4	0.5	0.67	0.84
	1350	42.5	2.35	0.49	0.64	0.79	40.5	2.67	0.5	0.66	0.81	38.5	3.02	0.51	0.67	0.84	35.6	3.39	0.52	0.7	0.88

XP13-036-230-08 - CX34-38B-6F

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	39.6	2.48	31	2.32	21.9	2.15	16.2	1.97	8	1.45
1200	40	2.38	31.4	2.23	22.4	2.06	16.6	1.88	8.5	1.36
1350	40.5	2.32	31.9	2.16	22.8	1.99	17.1	1.81	8.9	1.29

XP13-036-230-08 - CX34-38B-6F

HEATING PERFORMANCE at 1200 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.38	40
60	2.35	38
55	2.32	36.1
50	2.28	34.2
47	2.26	33
45	2.23	31.4
40	2.14	27.5
35	2.06	23.6
30	2.06	23
25	2.06	22.4
20	2.05	21.8
17	2.05	21.4
15	2.04	20.6
10	2	18.7
5	1.88	16.6
0	1.75	14.6
-5	1.62	12.6
-10	1.49	10.5
-15	1.36	8.5
-20	1.23	6.4

XP13-036-230-08 - CX34-38B-6F + SL280UH090V36B

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
63°F	1080	36.6	2.35	0.77	0.92	1	35	2.67	0.79	0.94	1	33	3.02	0.81	0.97	1	30.6	3.42	0.84	1	1
	1195	37.4	2.35	0.8	0.95	1	35.8	2.67	0.82	0.98	1	33.6	3.03	0.84	1	1	31.4	3.41	0.88	1	1
	1395	38.5	2.34	0.84	1	1	37	2.67	0.86	1	1	35	3.02	0.89	1	1	32.8	3.41	0.93	1	1
67°F	1080	38.5	2.34	0.61	0.75	0.88	37	2.67	0.62	0.76	0.91	35	3.03	0.64	0.79	0.94	32.4	3.41	0.65	0.82	0.98
	1195	39.5	2.35	0.62	0.77	0.92	37.6	2.67	0.64	0.79	0.94	35.6	3.02	0.65	0.82	0.97	33	3.4	0.67	0.85	1
	1395	40.5	2.35	0.65	0.82	0.97	38.5	2.67	0.67	0.84	0.99	36.6	3.02	0.68	0.87	1	33.8	3.4	0.71	0.91	1
71°F	1080	41	2.35	0.47	0.6	0.73	39	2.66	0.46	0.6	0.74	37	3.02	0.47	0.62	0.76	34.4	3.4	0.48	0.64	0.79
	1195	41.5	2.35	0.47	0.61	0.75	40	2.67	0.47	0.62	0.77	37.6	3.02	0.48	0.64	0.79	35	3.4	0.49	0.66	0.82
	1395	42.5	2.35	0.49	0.64	0.79	41	2.67	0.49	0.65	0.81	38.5	3.02	0.5	0.67	0.84	35.8	3.39	0.51	0.7	0.88

XP13-036-230-08 - CX34-38B-6F + SL280UH090V36B

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
1080	39	2.44	30.4	2.28	21.3	2.11	15.6	1.93	7.8	1.42
1195	39.4	2.37	30.8	2.22	21.7	2.04	16	1.87	8.2	1.35
1395	40	2.29	31.4	2.13	22.3	1.96	16.6	1.78	8.7	1.27

**XP13-036-230-08 - CX34-38B-6F + SL280UH090V36B
HEATING PERFORMANCE at 1195 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.37	39.4
60	2.34	37.4
55	2.3	35.5
50	2.27	33.5
47	2.25	32.4
45	2.22	30.8
40	2.13	26.9
35	2.05	23
30	2.05	22.3
25	2.04	21.7
20	2.04	21.1
17	2.04	20.7
15	2.03	19.9
10	1.99	18
5	1.87	16
0	1.74	14
-5	1.61	12.1
-10	1.48	10.1
-15	1.35	8.2
-20	1.23	6.2

XP13-036-230-08 - CX34-38B-6F + SL280UH090V48B

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
63°F	1060	36.4	2.35	0.77	0.91	1	34.8	2.67	0.79	0.94	1	32.8	3.02	0.81	0.97	1	30.4	3.42	0.84	1	1
	1200	37.4	2.35	0.8	0.95	1	35.8	2.67	0.82	0.98	1	33.8	3.03	0.84	1	1	31.6	3.41	0.88	1	1
	1335	38.5	2.34	0.83	0.99	1	36.6	2.67	0.85	1	1	34.6	3.02	0.88	1	1	32.4	3.41	0.92	1	1
67°F	1060	38.5	2.34	0.61	0.74	0.88	36.8	2.67	0.61	0.76	0.9	34.8	3.03	0.63	0.78	0.93	32.4	3.41	0.65	0.81	0.97
	1200	39.5	2.35	0.63	0.77	0.92	37.8	2.67	0.64	0.79	0.94	35.6	3.02	0.65	0.82	0.98	33	3.4	0.67	0.85	1
	1335	40.5	2.35	0.65	0.8	0.96	38.5	2.67	0.66	0.83	0.98	36.2	3.02	0.67	0.85	1	33.6	3.41	0.69	0.89	1
71°F	1060	40.5	2.35	0.46	0.6	0.72	39	2.66	0.46	0.6	0.73	36.8	3.02	0.47	0.62	0.76	34.2	3.4	0.48	0.63	0.79
	1200	41.5	2.35	0.47	0.61	0.75	40	2.67	0.48	0.63	0.77	37.6	3.02	0.48	0.64	0.79	35	3.4	0.49	0.66	0.83
	1335	42.5	2.35	0.48	0.63	0.78	40.5	2.67	0.49	0.65	0.8	38.5	3.02	0.49	0.66	0.83	35.6	3.39	0.5	0.69	0.87

XP13-036-230-08 - CX34-38B-6F + SL280UH090V48B

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	38.9	2.45	30.4	2.29	21.3	2.12	15.6	1.95	7.7	1.43
1200	39.4	2.37	30.8	2.21	21.8	2.04	16	1.87	8.2	1.35
1335	39.8	2.31	31.3	2.15	22.2	1.98	16.5	1.81	8.6	1.29

**XP13-036-230-08 - CX34-38B-6F + SL280UH090V48B
HEATING PERFORMANCE at 1200 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.37	39.4
60	2.33	37.5
55	2.3	35.5
50	2.27	33.6
47	2.25	32.4
45	2.21	30.8
40	2.13	26.9
35	2.05	23
30	2.05	22.4
25	2.04	21.8
20	2.04	21.1
17	2.04	20.7
15	2.03	19.9
10	1.99	18
5	1.87	16
0	1.74	14.1
-5	1.61	12.1
-10	1.48	10.1
-15	1.35	8.2
-20	1.23	6.2

XP13-036-230-08 - CX34-38B-6F + SLP98UH070V36B

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
63°F	1060	36.4	2.35	0.77	0.91	1	34.8	2.67	0.79	0.94	1	32.8	3.02	0.81	0.97	1	30.4	3.42	0.84	1	1
	1215	37.6	2.34	0.81	0.96	1	35.8	2.67	0.82	0.98	1	33.8	3.03	0.85	1	1	31.8	3.41	0.89	1	1
	1365	38.5	2.34	0.84	1	1	36.8	2.67	0.86	1	1	35	3.02	0.89	1	1	32.8	3.41	0.93	1	1
67°F	1060	38.5	2.34	0.61	0.75	0.88	37	2.67	0.61	0.76	0.9	34.8	3.03	0.63	0.78	0.93	32.4	3.41	0.65	0.82	0.97
	1215	39.5	2.35	0.63	0.78	0.93	37.8	2.67	0.65	0.8	0.95	35.8	3.02	0.66	0.83	0.98	33	3.4	0.68	0.86	1
	1365	40.5	2.35	0.65	0.81	0.97	38.5	2.67	0.67	0.84	0.99	36.4	3.02	0.68	0.86	1	33.8	3.4	0.71	0.9	1
71°F	1060	40.5	2.35	0.46	0.6	0.72	39	2.66	0.47	0.6	0.74	36.8	3.02	0.47	0.62	0.76	34.2	3.4	0.48	0.64	0.79
	1215	41.5	2.35	0.47	0.61	0.76	40	2.67	0.48	0.63	0.78	37.8	3.02	0.49	0.65	0.8	35	3.4	0.5	0.67	0.84
	1365	42.5	2.35	0.49	0.64	0.79	40.5	2.67	0.49	0.65	0.81	38.5	3.02	0.5	0.67	0.84	35.6	3.39	0.51	0.7	0.88

XP13-036-230-08 - CX34-38B-6F + SLP98UH070V36B

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	2.45	30.5	2.3	21.3	2.13	15.6	1.95	7.6	1.44
1215	39.7	2.36	31.1	2.21	22	2.04	16.3	1.86	8.3	1.35
1365	40.3	2.3	31.7	2.15	22.6	1.98	16.8	1.8	8.9	1.29

**XP13-036-230-08 - CX34-38B-6F + SLP98UH070V36B
HEATING PERFORMANCE at 1215 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.36	39.7
60	2.33	37.7
55	2.3	35.8
50	2.26	33.8
47	2.24	32.7
45	2.21	31.1
40	2.13	27.2
35	2.05	23.2
30	2.04	22.6
25	2.04	22
20	2.04	21.4
17	2.04	21
15	2.02	20.2
10	1.99	18.3
5	1.86	16.3
0	1.74	14.3
-5	1.61	12.3
-10	1.48	10.3
-15	1.35	8.3
-20	1.22	6.3

XP13-036-230-08 - CX34-44/48B-6F

Entering Wet Bulb Temper- ature	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
63°F	1050	36.4	2.38	0.76	0.9	1	34.6	2.71	0.78	0.92	1	32.8	3.08	0.8	0.95	1	30.4	3.47	0.83	0.99	1
	1200	37.4	2.38	0.79	0.94	1	35.8	2.71	0.81	0.96	1	33.6	3.08	0.83	0.99	1	31.2	3.47	0.87	1	1
	1350	38.5	2.38	0.82	0.98	1	36.4	2.71	0.84	1	1	34.6	3.07	0.87	1	1	32.4	3.46	0.91	1	1
67°F	1050	38.5	2.38	0.61	0.74	0.86	36.8	2.71	0.62	0.75	0.89	34.6	3.07	0.63	0.78	0.92	32.2	3.47	0.65	0.81	0.95
	1200	39.5	2.38	0.62	0.77	0.91	37.6	2.71	0.64	0.79	0.93	35.6	3.07	0.65	0.81	0.96	33	3.46	0.67	0.84	1
	1350	40.5	2.38	0.65	0.8	0.94	38.5	2.71	0.66	0.82	0.97	36.2	3.07	0.67	0.84	1	33.6	3.46	0.7	0.88	1
71°F	1050	40.5	2.38	0.47	0.59	0.72	39	2.71	0.47	0.61	0.73	36.6	3.07	0.48	0.62	0.75	34.2	3.45	0.49	0.63	0.78
	1200	41.5	2.38	0.47	0.61	0.74	39.5	2.71	0.48	0.62	0.76	37.6	3.06	0.49	0.64	0.78	35	3.45	0.5	0.66	0.82
	1350	42.5	2.38	0.48	0.63	0.77	40.5	2.71	0.49	0.64	0.79	38.5	3.07	0.5	0.66	0.82	35.6	3.44	0.51	0.68	0.85

XP13-036-230-08 - CX34-44/48B-6F

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	39.5	2.59	31	2.41	21.9	2.22	16.1	2.03	8	1.5
1200	39.9	2.49	31.4	2.31	22.3	2.12	16.6	1.93	8.4	1.4
1350	40.4	2.42	31.9	2.25	22.8	2.06	17	1.86	8.9	1.33

XP13-036-230-08 - CX34-44/48B-6F

HEATING PERFORMANCE at 1200 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.49	39.9
60	2.45	38
55	2.41	36.1
50	2.37	34.1
47	2.35	33
45	2.31	31.4
40	2.23	27.5
35	2.14	23.6
30	2.13	22.9
25	2.12	22.3
20	2.12	21.7
17	2.11	21.3
15	2.1	20.5
10	2.06	18.6
5	1.93	16.6
0	1.8	14.5
-5	1.66	12.5
-10	1.53	10.5
-15	1.4	8.4
-20	1.27	6.4

XP13-036-230-08 - CX34-44/48B-6F + SL280UH090V36B

Entering Wet Bulb Temper- ature	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
63°F	1080	36.4	2.38	0.76	0.9	1	34.8	2.71	0.77	0.92	1	32.8	3.08	0.8	0.95	1	30.4	3.47	0.83	0.99	1
	1195	37.2	2.38	0.78	0.93	1	35.6	2.71	0.8	0.95	1	33.4	3.07	0.82	0.98	1	31	3.47	0.86	1	1
	1395	38.5	2.38	0.82	0.98	1	36.6	2.71	0.84	1	1	34.6	3.07	0.87	1	1	32.4	3.46	0.91	1	1
67°F	1080	38.5	2.38	0.61	0.74	0.86	36.8	2.71	0.61	0.75	0.89	34.8	3.07	0.62	0.77	0.92	32.2	3.46	0.64	0.8	0.96
	1195	39	2.38	0.61	0.76	0.9	37.6	2.71	0.63	0.78	0.92	35.4	3.06	0.64	0.8	0.95	32.8	3.46	0.66	0.83	0.99
	1395	40.5	2.38	0.64	0.8	0.95	38.5	2.71	0.65	0.82	0.97	36.4	3.07	0.67	0.85	1	33.6	3.46	0.69	0.88	1
71°F	1080	40.5	2.38	0.46	0.59	0.71	39	2.71	0.46	0.6	0.72	36.8	3.07	0.47	0.61	0.75	34.2	3.45	0.48	0.63	0.78
	1195	41.5	2.38	0.47	0.61	0.73	39.5	2.71	0.47	0.61	0.75	37.4	3.07	0.48	0.63	0.77	34.8	3.45	0.49	0.65	0.81
	1395	42.5	2.38	0.48	0.63	0.77	40.5	2.71	0.49	0.64	0.79	38.5	3.07	0.49	0.66	0.82	35.6	3.44	0.5	0.68	0.86

XP13-036-230-08 - CX34-44/48B-6F + SL280UH090V36B

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
1080	38.9	2.54	30.3	2.37	21.3	2.18	15.6	1.99	7.8	1.46
1195	39.2	2.47	30.7	2.3	21.6	2.11	15.9	1.92	8.1	1.39
1395	39.9	2.39	31.3	2.21	22.3	2.03	16.6	1.83	8.8	1.31

**XP13-036-230-08 - CX34-44/48B-6F + SL280UH090V36B
HEATING PERFORMANCE at 1195 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.47	39.2
60	2.44	37.3
55	2.4	35.4
50	2.36	33.4
47	2.34	32.2
45	2.3	30.7
40	2.21	26.8
35	2.12	22.9
30	2.12	22.3
25	2.11	21.6
20	2.11	21
17	2.1	20.6
15	2.09	19.8
10	2.05	17.9
5	1.92	15.9
0	1.79	14
-5	1.66	12
-10	1.53	10.1
-15	1.39	8.1
-20	1.26	6.2

XP13-036-230-08 - CX34-44/48B-6F + SL280UH090V48B

Entering Wet Bulb Temper- ature	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
63°F	1060	36.4	2.38	0.76	0.89	1	34.6	2.71	0.77	0.92	1	32.6	3.08	0.8	0.95	1	30.2	3.47	0.82	0.98	1
	1200	37.2	2.38	0.78	0.93	1	35.6	2.71	0.8	0.96	1	33.4	3.08	0.83	0.99	1	31	3.47	0.86	1	1
	1335	38	2.38	0.81	0.97	1	36.2	2.71	0.83	0.99	1	34.2	3.07	0.86	1	1	32	3.45	0.9	1	1
67°F	1060	38.5	2.38	0.61	0.73	0.86	36.6	2.71	0.61	0.75	0.88	34.6	3.07	0.62	0.77	0.91	32	3.46	0.64	0.8	0.95
	1200	39	2.38	0.62	0.76	0.9	37.6	2.71	0.63	0.78	0.92	35.4	3.07	0.64	0.8	0.95	32.8	3.46	0.66	0.84	0.99
	1335	40	2.38	0.63	0.79	0.93	38.5	2.71	0.65	0.81	0.96	36	3.07	0.66	0.83	0.99	33.4	3.45	0.68	0.87	1
71°F	1060	40.5	2.38	0.46	0.58	0.71	38.5	2.71	0.46	0.6	0.72	36.6	3.06	0.47	0.61	0.74	34	3.45	0.48	0.62	0.77
	1200	41.5	2.38	0.47	0.61	0.73	39.5	2.71	0.47	0.61	0.75	37.4	3.06	0.48	0.63	0.78	34.8	3.45	0.49	0.65	0.81
	1335	42	2.38	0.48	0.62	0.76	40.5	2.71	0.48	0.63	0.78	38	3.07	0.49	0.65	0.81	35.4	3.45	0.5	0.67	0.84

XP13-036-230-08 - CX34-44/48B-6F + SL280UH090V48B

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	38.9	2.56	30.3	2.38	21.3	2.2	15.6	2	7.7	1.48
1200	39.3	2.47	30.7	2.3	21.7	2.11	16	1.92	8.1	1.39
1335	39.7	2.41	31.2	2.24	22.1	2.05	16.4	1.86	8.6	1.33

**XP13-036-230-08 - CX34-44/48B-6F + SL280UH090V48B
HEATING PERFORMANCE at 1200 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.47	39.3
60	2.43	37.3
55	2.4	35.4
50	2.36	33.5
47	2.33	32.3
45	2.3	30.7
40	2.21	26.9
35	2.12	23
30	2.12	22.3
25	2.11	21.7
20	2.11	21
17	2.1	20.6
15	2.09	19.9
10	2.05	17.9
5	1.92	16
0	1.79	14
-5	1.66	12.1
-10	1.52	10.1
-15	1.39	8.1
-20	1.26	6.2

XP13-036-230-08 - CX34-44/48B-6F + SLP98UH070V36B

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
63°F	1060	36.4	2.38	0.76	0.9	1	34.6	2.71	0.77	0.92	1	32.6	3.08	0.8	0.95	1	30.2	3.47	0.82	0.99	1
	1215	37.4	2.38	0.79	0.94	1	35.6	2.71	0.81	0.96	1	33.6	3.08	0.83	0.99	1	31.2	3.47	0.87	1	1
	1365	38.5	2.38	0.82	0.98	1	36.6	2.71	0.84	1	1	34.6	3.07	0.87	1	1	32.4	3.46	0.91	1	1
67°F	1060	38.5	2.38	0.61	0.73	0.86	36.6	2.71	0.61	0.75	0.88	34.6	3.07	0.62	0.77	0.91	32	3.46	0.64	0.8	0.95
	1215	39.5	2.38	0.62	0.76	0.91	37.6	2.71	0.63	0.78	0.93	35.6	3.07	0.65	0.81	0.96	33	3.46	0.67	0.84	1
	1365	40.5	2.38	0.64	0.79	0.94	38.5	2.71	0.66	0.82	0.97	36.2	3.07	0.67	0.84	1	33.6	3.46	0.69	0.88	1
71°F	1060	40.5	2.38	0.46	0.59	0.71	39	2.71	0.46	0.6	0.72	36.6	3.06	0.47	0.61	0.74	34	3.45	0.48	0.63	0.77
	1215	41.5	2.38	0.47	0.61	0.74	39.5	2.71	0.47	0.62	0.76	37.6	3.06	0.48	0.64	0.78	35	3.45	0.49	0.66	0.82
	1365	42.5	2.38	0.48	0.63	0.77	40.5	2.71	0.49	0.64	0.79	38.5	3.07	0.5	0.66	0.82	35.6	3.44	0.51	0.68	0.85

XP13-036-230-08 - CX34-44/48B-6F + SLP98UH070V36B

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	38.9	2.56	30.4	2.39	21.3	2.2	15.6	2.01	7.7	1.49
1215	39.6	2.47	31	2.3	21.9	2.11	16.2	1.92	8.3	1.4
1365	40.2	2.4	31.6	2.23	22.5	2.05	16.8	1.86	8.9	1.33

**XP13-036-230-08 - CX34-44/48B-6F + SLP98UH070V36B
HEATING PERFORMANCE at 1215 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.47	39.6
60	2.43	37.6
55	2.39	35.7
50	2.35	33.7
47	2.33	32.6
45	2.3	31
40	2.21	27.1
35	2.12	23.2
30	2.12	22.6
25	2.11	21.9
20	2.11	21.3
17	2.1	20.9
15	2.09	20.1
10	2.05	18.2
5	1.92	16.2
0	1.79	14.2
-5	1.66	12.2
-10	1.53	10.3
-15	1.4	8.3
-20	1.26	6.3

XP13-036-230-08 - CX34-44/48C-6F + SL280UH090V60C

Entering Wet Bulb Temper- ature	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
63°F	1295	37.8	2.38	0.8	0.95	1	36	2.71	0.82	0.98	1	34	3.07	0.85	1	1	31.8	3.46	0.88	1	1
	1295	37.8	2.38	0.8	0.95	1	36	2.71	0.82	0.98	1	34	3.07	0.85	1	1	31.8	3.46	0.88	1	1
	1440	38.5	2.38	0.83	0.99	1	36.8	2.71	0.85	1	1	34.8	3.06	0.88	1	1	32.6	3.46	0.92	1	1
67°F	1295	40	2.38	0.63	0.78	0.92	38	2.71	0.64	0.8	0.95	35.8	3.07	0.66	0.82	0.98	33.2	3.46	0.68	0.86	1
	1295	40	2.38	0.63	0.78	0.92	38	2.71	0.64	0.8	0.95	35.8	3.07	0.66	0.82	0.98	33.2	3.46	0.68	0.86	1
	1440	40.5	2.38	0.64	0.8	0.96	38.5	2.71	0.66	0.82	0.98	36.6	3.07	0.67	0.85	1	33.8	3.45	0.7	0.89	1
71°F	1295	42	2.38	0.47	0.61	0.75	40	2.71	0.47	0.63	0.77	38	3.06	0.49	0.64	0.8	35.2	3.45	0.49	0.66	0.83
	1295	42	2.38	0.47	0.61	0.75	40	2.71	0.47	0.63	0.77	38	3.06	0.49	0.64	0.8	35.2	3.45	0.49	0.66	0.83
	1440	42.5	2.38	0.48	0.63	0.78	41	2.71	0.49	0.65	0.8	38.5	3.06	0.49	0.66	0.83	35.8	3.44	0.5	0.69	0.87

XP13-036-230-08 - CX34-44/48C-6F + SL280UH090V60C

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	39.6	2.42	31	2.26	21.8	2.08	16.1	1.9	8.2	1.38
1295	39.6	2.42	31	2.26	21.8	2.08	16.1	1.9	8.2	1.38
1440	39.9	2.35	31.3	2.19	22.1	2.02	16.4	1.83	8.5	1.31

**XP13-036-230-08 - CX34-44/48C-6F + SL280UH090V60C
HEATING PERFORMANCE at 1295 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.42	39.6
60	2.38	37.6
55	2.35	35.7
50	2.31	33.7
47	2.29	32.5
45	2.26	31
40	2.17	27
35	2.09	23.1
30	2.08	22.5
25	2.08	21.8
20	2.08	21.2
17	2.08	20.8
15	2.06	20
10	2.03	18
5	1.9	16.1
0	1.77	14.1
-5	1.64	12.1
-10	1.51	10.2
-15	1.38	8.2
-20	1.25	6.2

XP13-036-230-08 - CX34-44/48C-6F + SL280UH110V60C

Entering Wet Bulb Temper- ature	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
63°F	1260	37.6	2.38	0.8	0.95	1	35.8	2.7	0.81	0.97	1	33.8	3.08	0.84	1	1	31.6	3.46	0.88	1	1
	1260	37.6	2.38	0.8	0.95	1	35.8	2.7	0.81	0.97	1	33.8	3.08	0.84	1	1	31.6	3.46	0.88	1	1
	1400	38.5	2.38	0.82	0.98	1	36.6	2.71	0.84	1	1	34.6	3.07	0.87	1	1	32.4	3.46	0.91	1	1
67°F	1260	39.5	2.38	0.62	0.77	0.92	37.8	2.71	0.64	0.79	0.94	35.8	3.07	0.65	0.82	0.97	33	3.46	0.67	0.85	1
	1260	39.5	2.38	0.62	0.77	0.92	37.8	2.71	0.64	0.79	0.94	35.8	3.07	0.65	0.82	0.97	33	3.46	0.67	0.85	1
	1400	40.5	2.38	0.64	0.8	0.95	38.5	2.71	0.66	0.82	0.97	36.4	3.07	0.67	0.85	1	33.6	3.46	0.7	0.89	1
71°F	1260	41.5	2.38	0.47	0.61	0.75	40	2.71	0.47	0.62	0.77	37.8	3.06	0.48	0.64	0.79	35.2	3.45	0.49	0.66	0.82
	1260	41.5	2.38	0.47	0.61	0.75	40	2.71	0.47	0.62	0.77	37.8	3.06	0.48	0.64	0.79	35.2	3.45	0.49	0.66	0.82
	1400	42.5	2.38	0.48	0.63	0.77	40.5	2.71	0.49	0.64	0.79	38.5	3.07	0.49	0.66	0.82	35.6	3.44	0.5	0.68	0.86

XP13-036-230-08 - CX34-44/48C-6F + SL280UH110V60C

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	39.6	2.44	31	2.27	21.8	2.09	16.1	1.9	8.2	1.38
1260	39.6	2.44	31	2.27	21.8	2.09	16.1	1.9	8.2	1.38
1400	40	2.38	31.4	2.21	22.3	2.03	16.5	1.85	8.6	1.32

**XP13-036-230-08 - CX34-44/48C-6F + SL280UH110V60C
HEATING PERFORMANCE at 1260 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.44	39.6
60	2.4	37.6
55	2.37	35.6
50	2.33	33.7
47	2.31	32.5
45	2.27	31
40	2.19	27
35	2.1	23.1
30	2.1	22.5
25	2.09	21.8
20	2.09	21.2
17	2.09	20.8
15	2.07	20
10	2.04	18.1
5	1.9	16.1
0	1.77	14.1
-5	1.64	12.2
-10	1.51	10.2
-15	1.38	8.2
-20	1.25	6.2

XP13-036-230-08 - CX34-44/48C-6F + SLP98UH090V36C

Entering Wet Bulb Temper- ature	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
63°F	1040	36.2	2.37	0.76	0.89	1	34.4	2.71	0.77	0.91	1	32.4	3.08	0.79	0.94	1	30.2	3.47	0.82	0.98	1
	1210	37.4	2.38	0.79	0.94	1	35.6	2.71	0.81	0.96	1	33.6	3.08	0.83	0.99	1	31.2	3.47	0.86	1	1
	1360	38	2.38	0.82	0.97	1	36.4	2.71	0.84	1	1	34.4	3.07	0.86	1	1	32.2	3.46	0.9	1	1
67°F	1040	38	2.38	0.6	0.73	0.85	36.6	2.7	0.61	0.74	0.88	34.4	3.07	0.62	0.77	0.91	32	3.47	0.64	0.8	0.94
	1210	39.5	2.38	0.62	0.76	0.9	37.6	2.71	0.63	0.78	0.93	35.4	3.07	0.65	0.8	0.96	33	3.46	0.67	0.84	0.99
	1360	40.5	2.38	0.64	0.79	0.94	38.5	2.71	0.65	0.81	0.96	36.2	3.07	0.67	0.84	0.99	33.6	3.46	0.69	0.88	1
71°F	1040	40	2.38	0.46	0.58	0.7	38.5	2.71	0.46	0.6	0.72	36.4	3.06	0.46	0.6	0.74	34	3.45	0.47	0.62	0.77
	1210	41.5	2.38	0.47	0.6	0.74	39.5	2.71	0.47	0.62	0.76	37.6	3.06	0.48	0.63	0.78	34.8	3.45	0.49	0.65	0.81
	1360	42	2.38	0.48	0.62	0.77	40.5	2.71	0.49	0.64	0.79	38.5	3.07	0.49	0.66	0.81	35.4	3.44	0.5	0.68	0.85

XP13-036-230-08 - CX34-44/48C-6F + SLP98UH090V36C

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	38.8	2.57	30.3	2.4	21.2	2.21	15.5	2.02	7.6	1.5
1210	39.4	2.47	30.8	2.3	21.7	2.11	16	1.92	8.2	1.39
1360	39.9	2.4	31.3	2.23	22.3	2.04	16.5	1.85	8.7	1.33

**XP13-036-230-08 - CX34-44/48C-6F + SLP98UH090V36C
HEATING PERFORMANCE at 1210 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.47	39.4
60	2.43	37.4
55	2.39	35.5
50	2.35	33.5
47	2.33	32.4
45	2.3	30.8
40	2.21	26.9
35	2.12	23
30	2.11	22.4
25	2.11	21.7
20	2.1	21.1
17	2.1	20.7
15	2.09	19.9
10	2.05	18
5	1.92	16
0	1.79	14.1
-5	1.65	12.1
-10	1.52	10.1
-15	1.39	8.2
-20	1.26	6.2

XP13-036-230-08 - CX34-44/48C-6F + SLP98UH090V48C

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
63°F	1075	36.4	2.38	0.76	0.9	1	34.8	2.71	0.77	0.92	1	32.8	3.08	0.8	0.95	1	30.4	3.47	0.83	0.99	1
	1265	37.6	2.38	0.8	0.95	1	36	2.7	0.82	0.97	1	33.8	3.08	0.84	1	1	31.6	3.46	0.88	1	1
	1375	38.5	2.38	0.82	0.98	1	36.4	2.71	0.84	1	1	34.6	3.07	0.87	1	1	32.2	3.46	0.9	1	1
67°F	1075	38.5	2.38	0.61	0.74	0.86	36.8	2.71	0.61	0.75	0.89	34.6	3.07	0.62	0.77	0.92	32.2	3.46	0.64	0.8	0.95
	1265	39.5	2.38	0.62	0.77	0.91	37.8	2.7	0.64	0.79	0.94	35.8	3.07	0.65	0.82	0.97	33	3.46	0.67	0.85	1
	1375	40.5	2.38	0.64	0.79	0.94	38.5	2.71	0.65	0.81	0.97	36.2	3.07	0.67	0.84	1	33.6	3.46	0.69	0.88	1
71°F	1075	40.5	2.38	0.46	0.59	0.71	39	2.71	0.46	0.6	0.72	36.8	3.07	0.47	0.61	0.75	34.2	3.45	0.48	0.63	0.78
	1265	41.5	2.38	0.47	0.61	0.75	40	2.71	0.47	0.62	0.77	37.8	3.06	0.48	0.64	0.79	35.2	3.45	0.49	0.66	0.83
	1375	42.5	2.38	0.48	0.63	0.77	40.5	2.71	0.49	0.64	0.79	38.5	3.07	0.49	0.66	0.82	35.6	3.44	0.5	0.68	0.85

XP13-036-230-08 - CX34-44/48C-6F + SLP98UH090V48C

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
1075	39	2.54	30.4	2.38	21.3	2.2	15.5	2.02	7.6	1.5
1265	39.5	2.43	31	2.27	21.9	2.09	16.1	1.91	8.2	1.38
1375	39.9	2.39	31.3	2.22	22.2	2.05	16.5	1.86	8.6	1.34

**XP13-036-230-08 - CX34-44/48C-6F + SLP98UH090V48C
HEATING PERFORMANCE at 1265 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.43	39.5
60	2.39	37.6
55	2.36	35.6
50	2.32	33.7
47	2.3	32.5
45	2.27	31
40	2.18	27
35	2.1	23.1
30	2.09	22.5
25	2.09	21.9
20	2.09	21.2
17	2.09	20.8
15	2.07	20
10	2.04	18.1
5	1.91	16.1
0	1.78	14.1
-5	1.65	12.2
-10	1.51	10.2
-15	1.38	8.2
-20	1.25	6.2

XP13-036-230-08 - CX34-44/48C-6F + SLP98UH090V60C

Entering Wet Bulb Temper- ature	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
63°F	1320	38	2.38	0.8	0.96	1	36.2	2.71	0.83	0.99	1	34.2	3.07	0.85	1	1	32	3.47	0.89	1	1
	1320	38	2.38	0.8	0.96	1	36.2	2.71	0.83	0.99	1	34.2	3.07	0.85	1	1	32	3.47	0.89	1	1
	1460	38.5	2.38	0.83	0.99	1	37	2.71	0.86	1	1	35	3.07	0.89	1	1	32.8	3.46	0.93	1	1
67°F	1320	40	2.38	0.63	0.78	0.93	38	2.71	0.64	0.8	0.95	36	3.07	0.66	0.83	0.99	33.4	3.45	0.68	0.87	1
	1320	40	2.38	0.63	0.78	0.93	38	2.71	0.64	0.8	0.95	36	3.07	0.66	0.83	0.99	33.4	3.45	0.68	0.87	1
	1460	40.5	2.38	0.65	0.81	0.96	39	2.71	0.66	0.83	0.99	36.6	3.06	0.68	0.86	1	33.8	3.45	0.7	0.9	1
71°F	1320	42	2.38	0.48	0.62	0.76	40	2.71	0.48	0.63	0.78	38	3.07	0.49	0.65	0.8	35.4	3.45	0.5	0.67	0.84
	1320	42	2.38	0.48	0.62	0.76	40	2.71	0.48	0.63	0.78	38	3.07	0.49	0.65	0.8	35.4	3.45	0.5	0.67	0.84
	1460	42.5	2.38	0.48	0.64	0.78	41	2.71	0.49	0.65	0.81	38.5	3.06	0.5	0.67	0.83	35.8	3.45	0.51	0.69	0.87

XP13-036-230-08 - CX34-44/48C-6F + SLP98UH090V60C

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	39.8	2.41	31.1	2.25	21.9	2.07	16.2	1.89	8.3	1.37
1320	39.8	2.41	31.1	2.25	21.9	2.07	16.2	1.89	8.3	1.37
1460	40.1	2.35	31.5	2.19	22.3	2.02	16.6	1.83	8.6	1.32

**XP13-036-230-08 - CX34-44/48C-6F + SLP98UH090V60C
HEATING PERFORMANCE at 1320 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.41	39.8
60	2.37	37.8
55	2.34	35.8
50	2.3	33.9
47	2.28	32.7
45	2.25	31.1
40	2.16	27.2
35	2.08	23.2
30	2.08	22.6
25	2.07	21.9
20	2.07	21.3
17	2.07	20.9
15	2.06	20.1
10	2.02	18.2
5	1.89	16.2
0	1.76	14.2
-5	1.63	12.2
-10	1.5	10.2
-15	1.37	8.3
-20	1.24	6.3

XP13-036-230-08 - CX34-44/48C-6F + SLP98UH110V60C

Entering Wet Bulb Temper- ature	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
63°F	1270	37.6	2.38	0.8	0.95	1	36	2.7	0.82	0.97	1	33.8	3.08	0.84	1	1	31.6	3.46	0.88	1	1
	1270	37.6	2.38	0.8	0.95	1	36	2.7	0.82	0.97	1	33.8	3.08	0.84	1	1	31.6	3.46	0.88	1	1
	1405	38.5	2.38	0.82	0.98	1	36.6	2.71	0.84	1	1	34.6	3.07	0.87	1	1	32.4	3.46	0.91	1	1
67°F	1270	39.5	2.38	0.62	0.77	0.91	37.8	2.7	0.64	0.79	0.94	35.8	3.07	0.65	0.82	0.97	33	3.46	0.67	0.85	1
	1270	39.5	2.38	0.62	0.77	0.91	37.8	2.7	0.64	0.79	0.94	35.8	3.07	0.65	0.82	0.97	33	3.46	0.67	0.85	1
	1405	40.5	2.38	0.64	0.8	0.95	38.5	2.71	0.66	0.82	0.97	36.4	3.07	0.67	0.85	1	33.6	3.46	0.69	0.89	1
71°F	1270	41.5	2.38	0.47	0.61	0.75	40	2.71	0.47	0.62	0.77	37.8	3.06	0.48	0.64	0.79	35.2	3.45	0.49	0.66	0.83
	1270	41.5	2.38	0.47	0.61	0.75	40	2.71	0.47	0.62	0.77	37.8	3.06	0.48	0.64	0.79	35.2	3.45	0.49	0.66	0.83
	1405	42.5	2.38	0.48	0.63	0.77	40.5	2.71	0.49	0.64	0.79	38.5	3.07	0.49	0.66	0.82	35.6	3.44	0.5	0.68	0.86

XP13-036-230-08 - CX34-44/48C-6F + SLP98UH110V60C

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	39.5	2.43	30.9	2.26	21.8	2.09	16.1	1.9	8.2	1.38
1270	39.5	2.43	30.9	2.26	21.8	2.09	16.1	1.9	8.2	1.38
1405	39.9	2.37	31.3	2.21	22.2	2.04	16.5	1.85	8.6	1.33

**XP13-036-230-08 - CX34-44/48C-6F + SLP98UH110V60C
HEATING PERFORMANCE at 1270 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.43	39.5
60	2.39	37.5
55	2.35	35.6
50	2.32	33.6
47	2.3	32.5
45	2.26	30.9
40	2.18	27
35	2.09	23.1
30	2.09	22.4
25	2.09	21.8
20	2.08	21.1
17	2.08	20.7
15	2.07	20
10	2.03	18
5	1.9	16.1
0	1.77	14.1
-5	1.64	12.1
-10	1.51	10.2
-15	1.38	8.2
-20	1.25	6.2

XP13-042-230-08 - CBX26UH-042

Entering Wet Bulb Temper- ature	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
63°F	1400	44	2.59	0.77	0.92	1	41.5	2.95	0.79	0.95	1	38.5	3.35	0.82	0.98	1	36	3.78	0.86	1	1
	1400	44	2.59	0.77	0.92	1	41.5	2.95	0.79	0.95	1	38.5	3.35	0.82	0.98	1	36	3.78	0.86	1	1
	1530	44.5	2.6	0.79	0.95	1	42	2.95	0.82	0.98	1	39.5	3.35	0.85	1	1	36.6	3.78	0.89	1	1
67°F	1400	46	2.6	0.62	0.75	0.89	43.5	2.95	0.63	0.77	0.92	40.5	3.34	0.64	0.81	0.96	37.2	3.77	0.66	0.84	1
	1400	46	2.6	0.62	0.75	0.89	43.5	2.95	0.63	0.77	0.92	40.5	3.34	0.64	0.81	0.96	37.2	3.77	0.66	0.84	1
	1530	47	2.59	0.63	0.77	0.92	44	2.95	0.64	0.8	0.95	41	3.34	0.66	0.83	0.99	37.4	3.78	0.68	0.87	1
71°F	1400	48.5	2.59	0.46	0.6	0.73	45.5	2.95	0.47	0.62	0.76	42	3.34	0.48	0.64	0.79	38.5	3.76	0.49	0.66	0.83
	1400	48.5	2.59	0.46	0.6	0.73	45.5	2.95	0.47	0.62	0.76	42	3.34	0.48	0.64	0.79	38.5	3.76	0.49	0.66	0.83
	1530	49	2.59	0.47	0.62	0.75	46	2.94	0.48	0.63	0.78	42.5	3.33	0.48	0.65	0.81	39	3.76	0.5	0.68	0.86

XP13-042-230-08 - CBX26UH-042

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	49.5	2.75	39.2	2.58	28.1	2.41	21.1	2.18	10.7	1.58
1400	49.5	2.75	39.2	2.58	28.1	2.41	21.1	2.18	10.7	1.58
1530	49.9	2.68	39.5	2.52	28.5	2.35	21.5	2.11	11.1	1.51

XP13-042-230-08 - CBX26UH-042

HEATING PERFORMANCE at 1400 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.75	49.5
60	2.71	47.2
55	2.67	44.8
50	2.63	42.5
47	2.61	41.1
45	2.58	39.2
40	2.52	34.3
35	2.45	29.5
30	2.43	28.8
25	2.41	28.1
20	2.39	27.4
17	2.38	27
15	2.37	26
10	2.33	23.7
5	2.18	21.1
0	2.03	18.5
-5	1.88	15.9
-10	1.73	13.3
-15	1.58	10.7
-20	1.43	8.1

XP13-042-230-08 - CBX27UH-042

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
63°F	1255	45	2.85	0.76	0.9	1	42.5	3.25	0.78	0.93	1	40	3.73	0.8	0.96	1	37.4	4.23	0.83	0.99	1
	1470	46.5	2.85	0.79	0.95	1	44	3.26	0.82	0.98	1	41	3.71	0.84	1	1	38.5	4.23	0.88	1	1
	1605	47.5	2.85	0.82	0.98	1	44.5	3.26	0.84	1	1	42	3.71	0.87	1	1	39	4.23	0.91	1	1
67°F	1255	47.5	2.84	0.6	0.73	0.87	45	3.25	0.61	0.76	0.9	42	3.71	0.62	0.78	0.93	38.5	4.21	0.64	0.81	0.97
	1470	49	2.84	0.62	0.77	0.92	46	3.25	0.64	0.8	0.95	42.5	3.71	0.65	0.83	0.99	39.5	4.21	0.67	0.87	1
	1605	49.5	2.84	0.64	0.8	0.95	46.5	3.25	0.65	0.82	0.98	43	3.71	0.67	0.86	1	39.5	4.22	0.69	0.9	1
71°F	1255	49.5	2.84	0.45	0.58	0.72	46.5	3.23	0.45	0.6	0.73	43.5	3.7	0.46	0.62	0.76	40	4.2	0.47	0.63	0.8
	1470	51	2.83	0.46	0.61	0.75	47.5	3.24	0.47	0.63	0.78	44	3.68	0.48	0.64	0.81	40.5	4.18	0.49	0.67	0.86
	1605	51.5	2.84	0.47	0.63	0.78	48	3.23	0.48	0.64	0.81	44.5	3.68	0.48	0.67	0.85	41	4.18	0.49	0.69	0.89

XP13-042-230-08 - CBX27UH-042

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
1255	48.7	2.77	38.2	2.63	27.1	2.49	20	2.28	9.8	1.68
1470	49.3	2.64	38.9	2.5	27.7	2.36	20.7	2.15	10.5	1.55
1605	49.8	2.59	39.4	2.45	28.2	2.3	21.2	2.09	11	1.5

XP13-042-230-08 - CBX27UH-042

HEATING PERFORMANCE at 1470 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.64	49.3
60	2.61	47
55	2.58	44.6
50	2.55	42.2
47	2.53	40.8
45	2.5	38.9
40	2.44	34
35	2.39	29.2
30	2.37	28.5
25	2.36	27.7
20	2.35	27
17	2.34	26.6
15	2.33	25.6
10	2.29	23.2
5	2.15	20.7
0	2	18.2
-5	1.85	15.6
-10	1.7	13.1
-15	1.55	10.5
-20	1.4	8

XP13-042-230-08 - CBX27UH-048

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
63°F	1125	44.5	2.86	0.73	0.87	0.99	42	3.25	0.75	0.89	1	39.5	3.73	0.77	0.92	1	36.6	4.24	0.8	0.95	1
	1380	46	2.85	0.78	0.93	1	43.5	3.26	0.8	0.96	1	41	3.71	0.83	0.99	1	37.8	4.22	0.86	1	1
	1625	47.5	2.85	0.82	0.98	1	44.5	3.25	0.84	1	1	42	3.72	0.88	1	1	39	4.23	0.92	1	1
67°F	1125	46.5	2.84	0.58	0.71	0.84	44	3.25	0.59	0.73	0.86	41	3.72	0.61	0.75	0.89	38	4.23	0.62	0.78	0.93
	1380	48.5	2.84	0.61	0.76	0.9	45.5	3.26	0.63	0.78	0.93	42.5	3.71	0.64	0.81	0.97	39	4.22	0.66	0.84	1
	1625	49.5	2.84	0.64	0.8	0.96	46.5	3.25	0.65	0.83	0.98	43	3.69	0.67	0.86	1	39.5	4.2	0.7	0.91	1
71°F	1125	48.5	2.84	0.44	0.57	0.69	46	3.24	0.45	0.58	0.71	43	3.7	0.45	0.59	0.73	39.5	4.21	0.46	0.61	0.76
	1380	50.5	2.84	0.46	0.6	0.74	47.5	3.24	0.46	0.62	0.76	44	3.7	0.47	0.63	0.79	40.5	4.2	0.48	0.66	0.83
	1625	51.5	2.84	0.47	0.63	0.78	48	3.23	0.48	0.64	0.81	44.5	3.68	0.48	0.67	0.85	41	4.18	0.5	0.69	0.9

XP13-042-230-08 - CBX27UH-048

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
1125	48.2	2.89	37.7	2.73	26.7	2.57	19.7	2.34	9.6	1.74
1380	49	2.71	38.6	2.55	27.6	2.39	20.6	2.16	10.4	1.57
1625	49.8	2.59	39.4	2.43	28.3	2.27	21.4	2.04	11.2	1.45

XP13-042-230-08 - CBX27UH-048

HEATING PERFORMANCE at 1380 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.71	49
60	2.67	46.7
55	2.64	44.3
50	2.6	41.9
47	2.58	40.5
45	2.55	38.6
40	2.49	33.8
35	2.42	29
30	2.41	28.3
25	2.39	27.6
20	2.37	26.8
17	2.36	26.4
15	2.35	25.4
10	2.31	23.1
5	2.16	20.6
0	2.01	18
-5	1.87	15.5
-10	1.72	13
-15	1.57	10.4
-20	1.42	7.9

XP13-042-230-08 - CBX32M-048

Entering Wet Bulb Temper- ature	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						
				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	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW							
63°F	1290	45.5	2.85	0.76	0.91	1	43	3.26	0.78	0.94	1	40	3.72	0.81	0.97	1	37.4	4.24	0.83	1	1				
	1400	46	2.85	0.78	0.94	1	43.5	3.26	0.8	0.96	1	41	3.71	0.83	0.99	1	38	4.23	0.86	1	1				
	1580	47	2.85	0.81	0.97	1	44.5	3.26	0.84	1	1	41.5	3.71	0.87	1	1	39	4.23	0.9	1	1				
67°F	1290	48	2.84	0.6	0.74	0.88	45	3.25	0.61	0.76	0.91	42	3.72	0.63	0.79	0.94	39	4.22	0.65	0.82	0.98				
	1400	48.5	2.85	0.61	0.76	0.91	45.5	3.26	0.63	0.78	0.94	42.5	3.7	0.64	0.81	0.97	39	4.22	0.66	0.85	1				
	1580	49.5	2.85	0.63	0.79	0.95	46	3.25	0.65	0.82	0.98	43	3.7	0.67	0.85	1	39.5	4.22	0.69	0.89	1				
71°F	1290	50	2.84	0.45	0.59	0.72	47	3.24	0.46	0.6	0.74	43.5	3.69	0.47	0.62	0.77	40	4.19	0.48	0.64	0.81				
	1400	50.5	2.83	0.46	0.6	0.74	47.5	3.24	0.46	0.62	0.77	44	3.69	0.47	0.64	0.8	40.5	4.2	0.48	0.66	0.84				
	1580	51.5	2.83	0.47	0.62	0.77	48	3.23	0.48	0.64	0.8	44.5	3.69	0.48	0.66	0.84	41	4.19	0.49	0.69	0.89				

XP13-042-230-08 - CBX32M-048

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
											cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1290	49.3	2.76	38.9	2.61	27.8	2.45	20.8	2.22	10.3	1.63								
1400	49.7	2.7	39.3	2.54	28.2	2.38	21.2	2.16	10.7	1.56								
1580	50.3	2.61	39.9	2.46	28.8	2.3	21.8	2.07	11.4	1.48								

XP13-042-230-08 - CBX32M-048

HEATING PERFORMANCE at 1400 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.7	49.7
60	2.66	47.3
55	2.62	45
50	2.59	42.6
47	2.57	41.2
45	2.54	39.3
40	2.48	34.4
35	2.42	29.6
30	2.4	28.9
25	2.38	28.2
20	2.37	27.5
17	2.36	27.1
15	2.34	26.1
10	2.31	23.8
5	2.16	21.2
0	2.01	18.6
-5	1.86	15.9
-10	1.71	13.3
-15	1.56	10.7
-20	1.42	8.1

XP13-042-230-08 - CBX32MV-036

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
63°F	1225	42	2.56	0.76	0.91	1	39.5	2.91	0.78	0.94	1	37	3.3	0.81	0.97	1	34.2	3.74	0.84	1	1
	1380	43	2.57	0.79	0.95	1	40.5	2.91	0.81	0.97	1	37.8	3.3	0.84	1	1	35	3.74	0.88	1	1
	1545	44	2.57	0.82	0.98	1	41.5	2.92	0.85	1	1	38.5	3.31	0.88	1	1	35.8	3.74	0.92	1	1
67°F	1225	44.5	2.57	0.6	0.74	0.88	42	2.92	0.61	0.76	0.91	39	3.31	0.63	0.79	0.95	35.8	3.74	0.65	0.83	0.98
	1380	45.5	2.57	0.62	0.77	0.92	42.5	2.92	0.63	0.8	0.95	39.5	3.31	0.65	0.83	0.98	36.2	3.73	0.67	0.87	1
	1545	46	2.57	0.64	0.8	0.96	43	2.92	0.65	0.83	0.98	40	3.31	0.67	0.86	1	36.6	3.73	0.7	0.91	1
71°F	1225	46.5	2.57	0.45	0.59	0.72	43.5	2.92	0.46	0.6	0.74	40.5	3.3	0.47	0.62	0.77	37.2	3.73	0.47	0.64	0.81
	1380	47.5	2.56	0.46	0.61	0.75	44.5	2.91	0.47	0.62	0.78	41	3.3	0.48	0.64	0.81	37.6	3.72	0.49	0.67	0.85
	1545	48	2.56	0.47	0.62	0.78	45	2.91	0.48	0.65	0.81	41.5	3.3	0.49	0.67	0.85	38	3.71	0.5	0.7	0.9

XP13-042-230-08 - CBX32MV-036

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	48.5	2.87	38.1	2.69	27.1	2.5	20.1	2.26	9.8	1.67
1380	49.2	2.78	38.9	2.6	27.8	2.41	20.8	2.17	10.6	1.57
1545	49.9	2.69	39.5	2.51	28.5	2.33	21.5	2.08	11.3	1.49

XP13-042-230-08 - CBX32MV-036

HEATING PERFORMANCE at 1380 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.78	49.2
60	2.73	46.9
55	2.69	44.5
50	2.65	42.2
47	2.62	40.8
45	2.6	38.9
40	2.53	34.1
35	2.46	29.3
30	2.43	28.5
25	2.41	27.8
20	2.39	27.1
17	2.37	26.7
15	2.36	25.7
10	2.32	23.4
5	2.17	20.8
0	2.02	18.3
-5	1.87	15.7
-10	1.72	13.1
-15	1.57	10.6
-20	1.43	8

XP13-042-230-08 - CBX32MV-048

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
63°F	1205	45	2.84	0.75	0.89	1	42.5	3.26	0.77	0.91	1	40	3.73	0.79	0.95	1	37	4.24	0.81	0.98	1
	1375	46	2.85	0.78	0.93	1	43.5	3.26	0.8	0.96	1	41	3.72	0.82	0.99	1	37.8	4.22	0.86	1	1
	1555	47	2.85	0.81	0.97	1	44.5	3.25	0.83	0.99	1	41.5	3.71	0.86	1	1	39	4.22	0.9	1	1
67°F	1205	47	2.84	0.59	0.73	0.86	44.5	3.24	0.6	0.74	0.88	41.5	3.71	0.62	0.77	0.92	38.5	4.23	0.63	0.8	0.96
	1375	48.5	2.84	0.61	0.76	0.9	45.5	3.25	0.62	0.78	0.93	42.5	3.71	0.64	0.81	0.97	39	4.22	0.66	0.84	1
	1555	49	2.85	0.63	0.79	0.94	46	3.25	0.65	0.81	0.97	43	3.7	0.67	0.85	1	39.5	4.21	0.69	0.89	1
71°F	1205	49.5	2.84	0.45	0.58	0.7	46.5	3.24	0.45	0.59	0.72	43.5	3.7	0.46	0.61	0.75	40	4.21	0.47	0.63	0.78
	1375	50.5	2.84	0.46	0.6	0.73	47.5	3.24	0.46	0.62	0.76	44	3.7	0.47	0.63	0.79	40.5	4.2	0.48	0.66	0.83
	1555	51.5	2.84	0.47	0.62	0.77	48	3.24	0.47	0.64	0.8	44.5	3.69	0.48	0.66	0.83	40.5	4.19	0.49	0.68	0.87

XP13-042-230-08 - CBX32MV-048

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
1205	48.5	2.82	38.1	2.67	27.1	2.5	20.1	2.27	9.9	1.68
1375	49.1	2.71	38.7	2.56	27.7	2.39	20.7	2.16	10.5	1.57
1555	49.8	2.63	39.4	2.47	28.4	2.31	21.4	2.08	11.2	1.48

XP13-042-230-08 - CBX32MV-048

HEATING PERFORMANCE at 1375 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.71	49.1
60	2.68	46.8
55	2.64	44.4
50	2.61	42.1
47	2.58	40.7
45	2.56	38.7
40	2.49	33.9
35	2.43	29.1
30	2.41	28.4
25	2.39	27.7
20	2.38	27
17	2.36	26.5
15	2.35	25.6
10	2.31	23.2
5	2.16	20.7
0	2.02	18.1
-5	1.87	15.6
-10	1.72	13.1
-15	1.57	10.5
-20	1.42	8

XP13-042-230-08 - CBX40UHV-036

Entering Wet Bulb Temper- ature	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
63°F	1225	42	2.56	0.76	0.91	1	39.5	2.91	0.78	0.94	1	37	3.3	0.81	0.97	1	34.2	3.74	0.84	1	1
	1380	43	2.57	0.79	0.95	1	40.5	2.91	0.81	0.97	1	37.8	3.3	0.84	1	1	35	3.74	0.88	1	1
	1545	44	2.57	0.82	0.98	1	41.5	2.92	0.85	1	1	38.5	3.31	0.88	1	1	35.8	3.74	0.92	1	1
67°F	1225	44.5	2.57	0.6	0.74	0.88	42	2.92	0.61	0.76	0.91	39	3.31	0.63	0.79	0.95	35.8	3.74	0.65	0.83	0.98
	1380	45.5	2.57	0.62	0.77	0.92	42.5	2.92	0.63	0.8	0.95	39.5	3.31	0.65	0.83	0.98	36.2	3.73	0.67	0.87	1
	1545	46	2.57	0.64	0.8	0.96	43	2.92	0.65	0.83	0.98	40	3.31	0.67	0.86	1	36.6	3.73	0.7	0.91	1
71°F	1225	46.5	2.57	0.45	0.59	0.72	43.5	2.92	0.46	0.6	0.74	40.5	3.3	0.47	0.62	0.77	37.2	3.73	0.47	0.64	0.81
	1380	47.5	2.56	0.46	0.61	0.75	44.5	2.91	0.47	0.62	0.78	41	3.3	0.48	0.64	0.81	37.6	3.72	0.49	0.67	0.85
	1545	48	2.56	0.47	0.62	0.78	45	2.91	0.48	0.65	0.81	41.5	3.3	0.49	0.67	0.85	38	3.71	0.5	0.7	0.9

XP13-042-230-08 - CBX40UHV-036

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	48.4	2.87	38	2.69	27	2.5	20	2.26	9.8	1.67
1380	49.1	2.78	38.7	2.6	27.7	2.41	20.7	2.17	10.5	1.57
1545	49.7	2.69	39.3	2.51	28.3	2.33	21.3	2.08	11.1	1.49

XP13-042-230-08 - CBX40UHV-036

HEATING PERFORMANCE at 1380 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.78	49.1
60	2.73	46.7
55	2.69	44.4
50	2.65	42
47	2.62	40.6
45	2.6	38.7
40	2.53	33.9
35	2.46	29.1
30	2.43	28.4
25	2.41	27.7
20	2.39	27
17	2.37	26.5
15	2.36	25.6
10	2.32	23.2
5	2.17	20.7
0	2.02	18.1
-5	1.87	15.6
-10	1.72	13.1
-15	1.57	10.5
-20	1.43	8

XP13-042-230-08 - CBX40UHV-042

Entering Wet Bulb Temper- ature	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
63°F	1200	45	2.84	0.75	0.89	1	42.5	3.26	0.77	0.91	1	39.5	3.73	0.79	0.94	1	37	4.24	0.81	0.98	1
	1320	45.5	2.85	0.77	0.92	1	43	3.26	0.79	0.95	1	40.5	3.72	0.81	0.97	1	37.6	4.24	0.84	1	1
	1540	47	2.85	0.81	0.97	1	44.5	3.25	0.83	0.99	1	41.5	3.71	0.86	1	1	38.5	4.22	0.89	1	1
67°F	1200	47	2.84	0.59	0.72	0.86	44.5	3.25	0.6	0.74	0.88	41.5	3.71	0.62	0.77	0.92	38.5	4.23	0.63	0.8	0.96
	1320	48	2.84	0.6	0.75	0.89	45	3.26	0.62	0.77	0.92	42	3.72	0.63	0.8	0.95	39	4.21	0.65	0.83	0.99
	1540	49	2.85	0.63	0.79	0.94	46	3.25	0.64	0.81	0.97	43	3.7	0.66	0.84	1	39.5	4.21	0.68	0.88	1
71°F	1200	49.5	2.84	0.45	0.58	0.7	46.5	3.24	0.45	0.59	0.72	43	3.7	0.46	0.61	0.75	40	4.21	0.47	0.63	0.78
	1320	50	2.84	0.45	0.59	0.73	47	3.24	0.46	0.61	0.75	44	3.7	0.47	0.63	0.78	40	4.2	0.48	0.65	0.82
	1540	51	2.84	0.47	0.62	0.77	48	3.24	0.47	0.64	0.79	44.5	3.69	0.48	0.66	0.83	40.5	4.19	0.49	0.68	0.87

XP13-042-230-08 - CBX40UHV-042

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
1200	48.5	2.84	38.2	2.67	27.2	2.49	20.2	2.26	10	1.66
1320	49	2.76	38.7	2.59	27.7	2.41	20.7	2.18	10.5	1.58
1540	49.8	2.64	39.5	2.48	28.5	2.3	21.5	2.06	11.3	1.47

XP13-042-230-08 - CBX40UHV-042

HEATING PERFORMANCE at 1320 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.76	49
60	2.72	46.7
55	2.68	44.3
50	2.64	42
47	2.61	40.6
45	2.59	38.7
40	2.52	33.9
35	2.45	29.1
30	2.43	28.4
25	2.41	27.7
20	2.39	27
17	2.38	26.5
15	2.37	25.6
10	2.33	23.2
5	2.18	20.7
0	2.03	18.1
-5	1.88	15.6
-10	1.73	13.1
-15	1.58	10.5
-20	1.43	8

XP13-042-230-08 - CBX40UHV-048

Entering Wet Bulb Temper- ature	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
63°F	1205	45	2.84	0.75	0.89	1	42.5	3.26	0.77	0.91	1	40	3.73	0.79	0.95	1	37	4.24	0.81	0.98	1
	1375	46	2.85	0.78	0.93	1	43.5	3.26	0.8	0.96	1	41	3.72	0.82	0.99	1	37.8	4.22	0.86	1	1
	1555	47	2.85	0.81	0.97	1	44.5	3.25	0.83	0.99	1	41.5	3.71	0.86	1	1	39	4.22	0.9	1	1
67°F	1205	47	2.84	0.59	0.73	0.86	44.5	3.24	0.6	0.74	0.88	41.5	3.71	0.62	0.77	0.92	38.5	4.23	0.63	0.8	0.96
	1375	48.5	2.84	0.61	0.76	0.9	45.5	3.25	0.62	0.78	0.93	42.5	3.71	0.64	0.81	0.97	39	4.22	0.66	0.84	1
	1555	49	2.85	0.63	0.79	0.94	46	3.25	0.65	0.81	0.97	43	3.7	0.67	0.85	1	39.5	4.21	0.69	0.89	1
71°F	1205	49.5	2.84	0.45	0.58	0.7	46.5	3.24	0.45	0.59	0.72	43.5	3.7	0.46	0.61	0.75	40	4.21	0.47	0.63	0.78
	1375	50.5	2.84	0.46	0.6	0.73	47.5	3.24	0.46	0.62	0.76	44	3.7	0.47	0.63	0.79	40.5	4.2	0.48	0.66	0.83
	1555	51.5	2.84	0.47	0.62	0.77	48	3.24	0.47	0.64	0.8	44.5	3.69	0.48	0.66	0.83	40.5	4.19	0.49	0.68	0.87

XP13-042-230-08 - CBX40UHV-048

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
1205	48.5	2.82	38.1	2.67	27	2.5	20.1	2.27	9.9	1.68
1375	49.1	2.71	38.7	2.56	27.7	2.39	20.7	2.16	10.5	1.57
1555	49.8	2.63	39.4	2.47	28.3	2.31	21.3	2.08	11.1	1.48

XP13-042-230-08 - CBX40UHV-048

HEATING PERFORMANCE at 1375 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.71	49.1
60	2.68	46.8
55	2.64	44.4
50	2.61	42.1
47	2.58	40.7
45	2.56	38.7
40	2.49	33.9
35	2.43	29.1
30	2.41	28.4
25	2.39	27.7
20	2.38	27
17	2.36	26.5
15	2.35	25.6
10	2.31	23.2
5	2.16	20.7
0	2.02	18.1
-5	1.87	15.6
-10	1.72	13
-15	1.57	10.5
-20	1.42	8

XP13-042-230-08 - CH33-43C-2F

Entering Wet Bulb Temper- ature	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
63°F	1225	45	2.68	0.75	0.88	1	42.5	3.05	0.77	0.91	1	40	3.47	0.79	0.94	1	37.2	3.94	0.82	0.97	1
	1400	46	2.68	0.78	0.92	1	43.5	3.05	0.8	0.95	1	40.5	3.47	0.82	0.98	1	37.8	3.94	0.85	1	1
	1575	47	2.69	0.8	0.96	1	44.5	3.06	0.83	0.99	1	41.5	3.47	0.85	1	1	38.5	3.94	0.89	1	1
67°F	1225	47	2.68	0.6	0.73	0.85	44.5	3.06	0.61	0.75	0.88	41.5	3.47	0.63	0.77	0.91	38.5	3.93	0.64	0.8	0.95
	1400	48	2.68	0.62	0.76	0.89	45.5	3.05	0.63	0.78	0.92	42.5	3.47	0.65	0.8	0.96	39	3.94	0.67	0.83	1
	1575	49	2.68	0.64	0.78	0.93	46	3.05	0.65	0.8	0.96	43	3.47	0.67	0.83	0.99	39.5	3.93	0.69	0.87	1
71°F	1225	48.5	2.68	0.47	0.59	0.71	46	3.05	0.47	0.6	0.72	43	3.47	0.48	0.62	0.75	40	3.93	0.48	0.64	0.78
	1400	50	2.68	0.48	0.6	0.74	47	3.05	0.48	0.62	0.76	44	3.46	0.48	0.64	0.79	40.5	3.92	0.49	0.66	0.82
	1575	51	2.68	0.49	0.62	0.76	47.5	3.05	0.49	0.64	0.79	44.5	3.46	0.5	0.66	0.82	41	3.92	0.51	0.69	0.87

XP13-042-230-08 - CH33-43C-2F

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	48.2	3.02	38	2.83	27.2	2.64	20.3	2.38	9.9	1.76
1400	48.8	2.91	38.7	2.72	27.8	2.52	20.9	2.27	10.6	1.65
1575	49.4	2.82	39.2	2.63	28.4	2.44	21.5	2.18	11.1	1.56

XP13-042-230-08 - CH33-43C-2F

HEATING PERFORMANCE at 1400 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.91	48.8
60	2.86	46.5
55	2.82	44.2
50	2.78	41.9
47	2.75	40.5
45	2.72	38.7
40	2.65	34
35	2.58	29.2
30	2.55	28.5
25	2.52	27.8
20	2.5	27.1
17	2.48	26.7
15	2.47	25.8
10	2.42	23.5
5	2.27	20.9
0	2.11	18.3
-5	1.96	15.7
-10	1.8	13.2
-15	1.65	10.6
-20	1.49	8

XP13-042-230-08 - CH33-43C-2F + SL280UH090V60C

Entering Wet Bulb Temper- ature	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
63°F	1295	45.5	2.68	0.75	0.89	1	43	3.05	0.77	0.92	1	40	3.47	0.8	0.95	1	37.2	3.95	0.82	0.99	1
	1295	45.5	2.68	0.75	0.89	1	43	3.05	0.77	0.92	1	40	3.47	0.8	0.95	1	37.2	3.95	0.82	0.99	1
	1575	47	2.68	0.8	0.95	1	44	3.05	0.82	0.98	1	41.5	3.47	0.84	1	1	38.5	3.94	0.88	1	1
67°F	1295	47.5	2.68	0.6	0.73	0.86	44.5	3.06	0.61	0.75	0.89	42	3.47	0.63	0.78	0.92	39	3.94	0.64	0.8	0.96
	1295	47.5	2.68	0.6	0.73	0.86	44.5	3.06	0.61	0.75	0.89	42	3.47	0.63	0.78	0.92	39	3.94	0.64	0.8	0.96
	1575	49	2.68	0.63	0.78	0.92	46	3.06	0.64	0.8	0.96	43	3.47	0.66	0.83	0.99	39.5	3.92	0.68	0.87	1
71°F	1295	49	2.68	0.46	0.59	0.71	46	3.05	0.47	0.6	0.73	43	3.47	0.47	0.62	0.76	40	3.93	0.47	0.64	0.79
	1295	49	2.68	0.46	0.59	0.71	46	3.05	0.47	0.6	0.73	43	3.47	0.47	0.62	0.76	40	3.93	0.47	0.64	0.79
	1575	50.5	2.68	0.48	0.62	0.76	47.5	3.05	0.49	0.63	0.78	44	3.45	0.49	0.65	0.81	40.5	3.92	0.5	0.68	0.86

XP13-042-230-08 - CH33-43C-2F + SL280UH090V60C

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	47.7	2.95	37.6	2.76	26.9	2.55	20	2.28	10.2	1.66
1295	47.7	2.95	37.6	2.76	26.9	2.55	20	2.28	10.2	1.66
1575	48.7	2.82	38.6	2.62	27.8	2.41	21	2.14	11.1	1.52

**XP13-042-230-08 - CH33-43C-2F + SL280UH090V60C
HEATING PERFORMANCE at 1295 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.95	47.7
60	2.91	45.4
55	2.86	43.1
50	2.81	40.8
47	2.79	39.5
45	2.76	37.6
40	2.68	33
35	2.61	28.3
30	2.58	27.6
25	2.55	26.9
20	2.52	26.1
17	2.5	25.7
15	2.49	24.8
10	2.44	22.5
5	2.28	20
0	2.13	17.6
-5	1.97	15.1
-10	1.81	12.6
-15	1.66	10.2
-20	1.5	7.7

XP13-042-230-08 - CH33-43C-2F + SL280UH110V60C

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
63°F	1260	45	2.68	0.75	0.89	1	42.5	3.05	0.77	0.91	1	40	3.47	0.79	0.94	1	37.2	3.95	0.82	0.98	1
	1395	46	2.68	0.77	0.91	1	43.5	3.05	0.79	0.94	1	40.5	3.47	0.81	0.98	1	37.6	3.94	0.84	1	1
	1560	47	2.68	0.8	0.95	1	44	3.05	0.82	0.98	1	41	3.47	0.84	1	1	38.5	3.94	0.88	1	1
67°F	1260	47	2.68	0.6	0.73	0.85	44.5	3.06	0.61	0.75	0.88	41.5	3.47	0.62	0.77	0.92	38.5	3.93	0.64	0.8	0.95
	1395	48	2.68	0.61	0.75	0.88	45.5	3.05	0.62	0.77	0.91	42.5	3.48	0.64	0.79	0.95	39	3.94	0.66	0.83	0.99
	1560	49	2.68	0.63	0.77	0.92	46	3.06	0.64	0.8	0.95	43	3.48	0.66	0.82	0.99	39.5	3.92	0.68	0.86	1
71°F	1260	49	2.68	0.46	0.58	0.7	46	3.05	0.47	0.6	0.73	43	3.47	0.47	0.61	0.75	40	3.94	0.47	0.63	0.78
	1395	49.5	2.68	0.47	0.59	0.73	47	3.05	0.47	0.61	0.75	43.5	3.46	0.47	0.63	0.78	40	3.92	0.48	0.65	0.81
	1560	50.5	2.68	0.48	0.62	0.76	47.5	3.05	0.49	0.63	0.78	44	3.46	0.49	0.65	0.81	40.5	3.92	0.5	0.67	0.85

XP13-042-230-08 - CH33-43C-2F + SL280UH110V60C

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	47.7	2.96	37.5	2.77	26.7	2.58	19.8	2.32	9.9	1.7
1395	48.2	2.9	38	2.71	27.1	2.51	20.2	2.26	10.3	1.64
1560	48.7	2.82	38.5	2.63	27.7	2.43	20.8	2.17	10.9	1.56

**XP13-042-230-08 - CH33-43C-2F + SL280UH110V60C
HEATING PERFORMANCE at 1395 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.9	48.2
60	2.85	45.8
55	2.81	43.5
50	2.77	41.2
47	2.74	39.8
45	2.71	38
40	2.64	33.3
35	2.56	28.6
30	2.54	27.8
25	2.51	27.1
20	2.49	26.4
17	2.47	26
15	2.45	25
10	2.41	22.7
5	2.26	20.2
0	2.1	17.7
-5	1.95	15.2
-10	1.79	12.8
-15	1.64	10.3
-20	1.48	7.8

XP13-042-230-08 - CH33-43C-2F + SLP98UH090V36C

Entering Wet Bulb Temper- ature	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
63°F	1210	44.5	2.68	0.74	0.87	0.99	42.5	3.05	0.76	0.9	1	39.5	3.47	0.78	0.93	1	37	3.95	0.81	0.96	1
	1360	46	2.68	0.77	0.91	1	43	3.05	0.79	0.94	1	40.5	3.47	0.81	0.97	1	37.6	3.94	0.84	1	1
	1360	46	2.68	0.77	0.91	1	43	3.05	0.79	0.94	1	40.5	3.47	0.81	0.97	1	37.6	3.94	0.84	1	1
67°F	1210	46.5	2.68	0.59	0.72	0.84	44	3.06	0.6	0.74	0.87	41.5	3.47	0.62	0.76	0.9	38.5	3.95	0.63	0.79	0.94
	1360	48	2.68	0.61	0.74	0.88	45	3.05	0.62	0.77	0.91	42	3.48	0.64	0.79	0.94	39	3.94	0.66	0.82	0.98
	1360	48	2.68	0.61	0.74	0.88	45	3.05	0.62	0.77	0.91	42	3.48	0.64	0.79	0.94	39	3.94	0.66	0.82	0.98
71°F	1210	48.5	2.68	0.46	0.58	0.7	45.5	3.05	0.46	0.59	0.72	43	3.47	0.47	0.61	0.74	39.5	3.93	0.47	0.62	0.77
	1360	49.5	2.68	0.47	0.59	0.72	46.5	3.06	0.47	0.61	0.75	43.5	3.46	0.47	0.63	0.77	40	3.92	0.48	0.65	0.81
	1360	49.5	2.68	0.47	0.59	0.72	46.5	3.06	0.47	0.61	0.75	43.5	3.46	0.47	0.63	0.77	40	3.92	0.48	0.65	0.81

XP13-042-230-08 - CH33-43C-2F + SLP98UH090V36C

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
1210	47.5	3.02	37.3	2.82	26.5	2.62	19.7	2.36	9.6	1.74
1360	48.2	2.92	38	2.73	27.2	2.53	20.3	2.27	10.3	1.65
1360	48.2	2.92	38	2.73	27.2	2.53	20.3	2.27	10.3	1.65

**XP13-042-230-08 - CH33-43C-2F + SLP98UH090V36C
HEATING PERFORMANCE at 1360 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.92	48.2
60	2.88	45.8
55	2.83	43.5
50	2.79	41.2
47	2.76	39.9
45	2.73	38
40	2.66	33.3
35	2.59	28.6
30	2.56	27.9
25	2.53	27.2
20	2.5	26.5
17	2.49	26.1
15	2.47	25.1
10	2.42	22.8
5	2.27	20.3
0	2.11	17.8
-5	1.96	15.3
-10	1.8	12.8
-15	1.65	10.3
-20	1.49	7.8

XP13-042-230-08 - CH33-43C-2F + SLP98UH090V48C

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
63°F	1265	45	2.68	0.75	0.89	1	42.5	3.05	0.77	0.91	1	40	3.47	0.79	0.94	1	37.2	3.95	0.82	0.98	1
	1375	46	2.68	0.77	0.91	1	43.5	3.05	0.79	0.94	1	40.5	3.48	0.81	0.97	1	37.6	3.94	0.84	1	1
	1580	47	2.68	0.8	0.95	1	44	3.05	0.82	0.98	1	41.5	3.47	0.85	1	1	38.5	3.94	0.88	1	1
67°F	1265	47	2.68	0.6	0.73	0.86	44.5	3.06	0.61	0.75	0.88	41.5	3.47	0.63	0.77	0.92	38.5	3.94	0.64	0.8	0.96
	1375	48	2.68	0.61	0.75	0.88	45	3.05	0.62	0.77	0.91	42	3.48	0.64	0.79	0.94	39	3.94	0.66	0.82	0.98
	1580	49	2.68	0.63	0.78	0.93	46	3.05	0.64	0.8	0.96	43	3.47	0.66	0.83	0.99	39.5	3.93	0.68	0.87	1
71°F	1265	49	2.68	0.46	0.59	0.7	46	3.05	0.47	0.6	0.73	43	3.47	0.47	0.62	0.75	40	3.93	0.47	0.63	0.78
	1375	49.5	2.68	0.47	0.59	0.72	46.5	3.06	0.47	0.61	0.75	43.5	3.46	0.47	0.63	0.77	40	3.91	0.48	0.65	0.81
	1580	50.5	2.68	0.48	0.62	0.76	47.5	3.05	0.49	0.63	0.78	44	3.45	0.49	0.65	0.81	40.5	3.92	0.5	0.68	0.86

XP13-042-230-08 - CH33-43C-2F + SLP98UH090V48C

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
1265	47.8	2.96	37.6	2.77	26.8	2.58	19.9	2.31	10	1.7
1375	48.2	2.91	38	2.72	27.2	2.52	20.3	2.26	10.3	1.64
1580	48.9	2.81	38.7	2.62	27.9	2.42	21	2.16	11	1.54

**XP13-042-230-08 - CH33-43C-2F + SLP98UH090V48C
HEATING PERFORMANCE at 1375 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.91	48.2
60	2.87	45.9
55	2.82	43.6
50	2.78	41.2
47	2.75	39.9
45	2.72	38
40	2.65	33.3
35	2.58	28.6
30	2.55	27.9
25	2.52	27.2
20	2.5	26.5
17	2.48	26
15	2.46	25.1
10	2.42	22.8
5	2.26	20.3
0	2.11	17.8
-5	1.95	15.3
-10	1.8	12.8
-15	1.64	10.3
-20	1.49	7.8

XP13-042-230-08 - CH33-43C-2F + SLP98UH090V60C

Entering Wet Bulb Temper- ature	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
63°F	1320	45.5	2.68	0.76	0.9	1	43	3.05	0.78	0.93	1	40.5	3.48	0.8	0.96	1	37.4	3.95	0.83	0.99	1
	1460	46.5	2.68	0.78	0.93	1	43.5	3.06	0.8	0.96	1	41	3.48	0.83	0.99	1	38	3.94	0.86	1	1
	1590	47	2.69	0.8	0.96	1	44	3.06	0.82	0.98	1	41.5	3.47	0.85	1	1	38.5	3.94	0.88	1	1
67°F	1320	47.5	2.68	0.6	0.74	0.87	45	3.06	0.62	0.76	0.9	42	3.47	0.63	0.78	0.93	39	3.94	0.65	0.81	0.97
	1460	48.5	2.68	0.62	0.76	0.9	45.5	3.05	0.63	0.78	0.93	42.5	3.47	0.65	0.81	0.97	39.5	3.94	0.66	0.84	1
	1590	49	2.68	0.63	0.78	0.93	46	3.05	0.65	0.8	0.96	43	3.47	0.66	0.83	0.99	39.5	3.93	0.69	0.87	1
71°F	1320	49	2.68	0.47	0.59	0.72	46.5	3.05	0.47	0.6	0.74	43.5	3.47	0.47	0.62	0.76	40	3.93	0.48	0.64	0.8
	1460	50	2.68	0.48	0.61	0.74	47	3.05	0.48	0.62	0.76	44	3.47	0.48	0.64	0.79	40.5	3.92	0.49	0.66	0.83
	1590	50.5	2.68	0.48	0.62	0.76	47.5	3.05	0.49	0.63	0.78	44.5	3.45	0.49	0.65	0.81	41	3.92	0.51	0.68	0.86

XP13-042-230-08 - CH33-43C-2F + SLP98UH090V60C

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	48	2.92	37.7	2.75	26.8	2.58	19.9	2.33	9.8	1.71
1460	48.6	2.84	38.3	2.67	27.4	2.49	20.4	2.25	10.4	1.63
1590	49	2.78	38.8	2.61	27.8	2.43	20.9	2.19	10.8	1.57

**XP13-042-230-08 - CH33-43C-2F + SLP98UH090V60C
HEATING PERFORMANCE at 1460 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.84	48.6
60	2.8	46.2
55	2.76	43.9
50	2.72	41.6
47	2.7	40.2
45	2.67	38.3
40	2.61	33.5
35	2.54	28.8
30	2.52	28.1
25	2.49	27.4
20	2.47	26.6
17	2.46	26.2
15	2.44	25.3
10	2.4	22.9
5	2.25	20.4
0	2.09	17.9
-5	1.94	15.4
-10	1.78	12.9
-15	1.63	10.4
-20	1.47	7.9

XP13-042-230-08 - CH33-43C-2F + SLP98UH110V60C

Entering Wet Bulb Temper- ature	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
63°F	1270	45	2.68	0.75	0.89	1	42.5	3.05	0.77	0.91	1	40	3.47	0.79	0.95	1	37.2	3.94	0.81	0.98	1
	1405	46	2.68	0.77	0.92	1	43.5	3.05	0.79	0.95	1	40.5	3.47	0.82	0.98	1	37.8	3.94	0.84	1	1
	1565	47	2.68	0.8	0.95	1	44	3.05	0.82	0.98	1	41.5	3.47	0.84	1	1	38.5	3.94	0.88	1	1
67°F	1270	47	2.68	0.6	0.73	0.86	44.5	3.06	0.61	0.75	0.88	41.5	3.47	0.63	0.77	0.92	38.5	3.94	0.64	0.8	0.96
	1405	48	2.68	0.61	0.75	0.89	45.5	3.05	0.63	0.77	0.92	42.5	3.47	0.64	0.8	0.95	39	3.94	0.66	0.83	0.99
	1565	49	2.68	0.63	0.78	0.92	46	3.06	0.64	0.8	0.95	43	3.47	0.66	0.83	0.99	39.5	3.92	0.68	0.87	1
71°F	1270	49	2.68	0.46	0.59	0.7	46	3.05	0.47	0.6	0.73	43	3.47	0.47	0.61	0.75	40	3.93	0.47	0.63	0.78
	1405	49.5	2.68	0.47	0.6	0.73	47	3.05	0.47	0.62	0.75	43.5	3.46	0.48	0.63	0.78	40	3.92	0.48	0.65	0.81
	1565	50.5	2.68	0.48	0.62	0.76	47.5	3.05	0.49	0.63	0.78	44	3.46	0.49	0.65	0.81	40.5	3.92	0.5	0.68	0.86

XP13-042-230-08 - CH33-43C-2F + SLP98UH110V60C

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	47.8	2.96	37.5	2.78	26.7	2.58	19.8	2.33	9.8	1.71
1405	48.2	2.89	38	2.7	27.2	2.51	20.3	2.25	10.3	1.64
1565	48.9	2.81	38.7	2.63	27.8	2.43	20.9	2.18	10.9	1.56

**XP13-042-230-08 - CH33-43C-2F + SLP98UH110V60C
HEATING PERFORMANCE at 1405 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.89	48.2
60	2.85	45.9
55	2.8	43.6
50	2.76	41.3
47	2.73	39.9
45	2.7	38
40	2.63	33.3
35	2.56	28.6
30	2.54	27.9
25	2.51	27.2
20	2.49	26.5
17	2.47	26
15	2.45	25.1
10	2.41	22.8
5	2.25	20.3
0	2.1	17.8
-5	1.95	15.3
-10	1.79	12.8
-15	1.64	10.3
-20	1.48	7.8

XP13-042-230-08 - CH33-48C-2F

Entering Wet Bulb Temper- ature	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
63°F	1225	44.5	2.68	0.75	0.88	1	42.5	3.06	0.76	0.9	1	39.5	3.47	0.79	0.93	1	37	3.95	0.81	0.97	1
	1400	46	2.68	0.77	0.91	1	43.5	3.05	0.79	0.94	1	40.5	3.47	0.82	0.97	1	37.6	3.94	0.84	1	1
	1575	47	2.68	0.8	0.95	1	44	3.06	0.82	0.98	1	41	3.47	0.84	1	1	38.5	3.94	0.88	1	1
67°F	1225	46.5	2.68	0.6	0.72	0.85	44	3.06	0.61	0.74	0.87	41.5	3.47	0.62	0.77	0.9	38.5	3.95	0.63	0.79	0.94
	1400	48	2.68	0.61	0.75	0.88	45	3.05	0.63	0.77	0.91	42	3.48	0.65	0.8	0.95	39	3.94	0.66	0.83	0.99
	1575	49	2.68	0.63	0.78	0.92	46	3.06	0.65	0.8	0.95	42.5	3.47	0.66	0.83	0.99	39.5	3.93	0.68	0.87	1
71°F	1225	48.5	2.68	0.47	0.59	0.7	45.5	3.05	0.47	0.6	0.72	43	3.47	0.48	0.61	0.75	39.5	3.93	0.48	0.63	0.78
	1400	49.5	2.68	0.48	0.6	0.73	46.5	3.06	0.48	0.62	0.75	43.5	3.46	0.48	0.64	0.78	40	3.91	0.49	0.66	0.81
	1575	50.5	2.68	0.48	0.62	0.76	47.5	3.05	0.49	0.64	0.78	44	3.47	0.49	0.66	0.81	40.5	3.92	0.51	0.67	0.85

XP13-042-230-08 - CH33-48C-2F

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	48.1	3.05	38	2.85	27.2	2.65	20.3	2.39	10	1.77
1400	48.7	2.93	38.6	2.74	27.8	2.54	20.9	2.28	10.6	1.66
1575	49.3	2.85	39.1	2.66	28.3	2.46	21.5	2.19	11.1	1.57

XP13-042-230-08 - CH33-48C-2F

HEATING PERFORMANCE at 1400 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.93	48.7
60	2.89	46.4
55	2.84	44.1
50	2.8	41.8
47	2.77	40.4
45	2.74	38.6
40	2.67	33.9
35	2.6	29.2
30	2.57	28.5
25	2.54	27.8
20	2.52	27.1
17	2.5	26.7
15	2.48	25.8
10	2.44	23.5
5	2.28	20.9
0	2.12	18.3
-5	1.97	15.7
-10	1.81	13.2
-15	1.66	10.6
-20	1.5	8

XP13-042-230-08 - CH33-48C-2F + SL280UH090V60C

Entering Wet Bulb Temper- ature	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
63°F	1295	45	2.68	0.75	0.89	1	42.5	3.05	0.77	0.91	1	40	3.47	0.79	0.94	1	37.2	3.95	0.82	0.98	1
	1440	46	2.68	0.77	0.92	1	43.5	3.05	0.79	0.94	1	40.5	3.48	0.82	0.98	1	37.6	3.94	0.85	1	1
	1575	46.5	2.68	0.79	0.94	1	44	3.05	0.81	0.97	1	41	3.47	0.84	1	1	38.5	3.94	0.88	1	1
67°F	1295	47	2.68	0.6	0.73	0.86	44.5	3.06	0.61	0.75	0.88	41.5	3.47	0.62	0.77	0.91	38.5	3.94	0.64	0.8	0.96
	1440	48	2.68	0.61	0.75	0.89	45	3.05	0.63	0.77	0.92	42	3.47	0.64	0.8	0.95	39	3.94	0.66	0.83	0.99
	1575	48.5	2.68	0.63	0.77	0.91	46	3.05	0.64	0.79	0.95	42.5	3.47	0.65	0.82	0.98	39.5	3.93	0.67	0.86	1
71°F	1295	48.5	2.68	0.46	0.58	0.7	46	3.05	0.47	0.6	0.73	43	3.47	0.47	0.61	0.75	40	3.94	0.48	0.63	0.78
	1440	49.5	2.68	0.47	0.6	0.73	47	3.05	0.48	0.62	0.75	43.5	3.46	0.48	0.63	0.78	40	3.92	0.48	0.65	0.81
	1575	50.5	2.68	0.48	0.61	0.75	47.5	3.05	0.48	0.63	0.77	44	3.47	0.49	0.65	0.8	40.5	3.92	0.5	0.67	0.85

XP13-042-230-08 - CH33-48C-2F + SL280UH090V60C

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	47.8	2.97	37.6	2.79	26.8	2.6	19.9	2.34	9.9	1.72
1440	48.3	2.9	38.1	2.71	27.3	2.52	20.4	2.26	10.3	1.64
1575	48.7	2.83	38.5	2.65	27.7	2.45	20.8	2.2	10.8	1.58

**XP13-042-230-08 - CH33-48C-2F + SL280UH090V60C
HEATING PERFORMANCE at 1440 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.9	48.3
60	2.85	46
55	2.81	43.7
50	2.76	41.4
47	2.74	40
45	2.71	38.1
40	2.64	33.4
35	2.57	28.7
30	2.54	28
25	2.52	27.3
20	2.49	26.6
17	2.48	26.1
15	2.46	25.2
10	2.41	22.9
5	2.26	20.4
0	2.1	17.9
-5	1.95	15.4
-10	1.8	12.9
-15	1.64	10.3
-20	1.49	7.8

XP13-042-230-08 - CH33-48C-2F + SL280UH110V60C

Entering Wet Bulb Temper- ature	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
63°F	1260	45	2.68	0.75	0.88	1	42.5	3.05	0.76	0.91	1	40	3.47	0.79	0.94	1	37	3.94	0.81	0.97	1
	1395	45.5	2.68	0.77	0.91	1	43	3.05	0.79	0.94	1	40.5	3.47	0.81	0.97	1	37.6	3.94	0.84	1	1
	1560	46.5	2.68	0.79	0.94	1	44	3.05	0.81	0.97	1	41	3.47	0.84	1	1	38	3.94	0.87	1	1
67°F	1260	47	2.68	0.6	0.72	0.85	44.5	3.06	0.61	0.74	0.87	41.5	3.47	0.62	0.77	0.91	38.5	3.94	0.63	0.79	0.94
	1395	47.5	2.69	0.61	0.74	0.88	45	3.06	0.62	0.77	0.91	42	3.48	0.64	0.79	0.94	39	3.94	0.65	0.82	0.98
	1560	48.5	2.68	0.63	0.77	0.91	45.5	3.05	0.64	0.79	0.94	42.5	3.47	0.65	0.82	0.98	39.5	3.93	0.67	0.86	1
71°F	1260	48.5	2.68	0.46	0.58	0.7	46	3.05	0.47	0.6	0.72	43	3.47	0.47	0.61	0.75	39.5	3.94	0.47	0.63	0.78
	1395	49.5	2.68	0.47	0.59	0.72	46.5	3.05	0.47	0.61	0.75	43.5	3.46	0.47	0.63	0.77	40	3.93	0.48	0.65	0.8
	1560	50.5	2.68	0.48	0.61	0.75	47.5	3.05	0.48	0.63	0.77	44	3.46	0.49	0.64	0.8	40.5	3.92	0.5	0.66	0.85

XP13-042-230-08 - CH33-48C-2F + SL280UH110V60C

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	47.7	3.01	37.5	2.81	26.7	2.61	19.9	2.35	9.8	1.73
1395	48.2	2.93	38	2.73	27.2	2.53	20.3	2.27	10.3	1.65
1560	48.7	2.85	38.5	2.65	27.8	2.44	20.9	2.19	10.9	1.57

**XP13-042-230-08 - CH33-48C-2F + SL280UH110V60C
HEATING PERFORMANCE at 1395 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.93	48.2
60	2.88	45.9
55	2.84	43.6
50	2.79	41.3
47	2.76	39.9
45	2.73	38
40	2.65	33.3
35	2.58	28.7
30	2.55	28
25	2.53	27.2
20	2.5	26.5
17	2.49	26.1
15	2.47	25.1
10	2.42	22.8
5	2.27	20.3
0	2.11	17.8
-5	1.96	15.3
-10	1.8	12.8
-15	1.65	10.3
-20	1.49	7.8

XP13-042-230-08 - CH33-48C-2F + SLP98UH090V36C

Entering Wet Bulb Temper- ature	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
63°F	1210	44.5	2.68	0.74	0.87	0.99	42	3.05	0.76	0.9	1	39.5	3.47	0.78	0.92	1	36.8	3.94	0.8	0.96	1
	1360	45.5	2.68	0.76	0.9	1	43	3.05	0.78	0.93	1	40.5	3.48	0.8	0.96	1	37.4	3.95	0.83	1	1
	1360	45.5	2.68	0.76	0.9	1	43	3.05	0.78	0.93	1	40.5	3.48	0.8	0.96	1	37.4	3.95	0.83	1	1
67°F	1210	46.5	2.68	0.6	0.72	0.84	44	3.05	0.6	0.73	0.86	41	3.47	0.62	0.76	0.89	38.5	3.94	0.63	0.78	0.93
	1360	47.5	2.68	0.61	0.74	0.87	45	3.06	0.62	0.76	0.9	42	3.47	0.64	0.78	0.93	39	3.94	0.65	0.81	0.98
	1360	47.5	2.68	0.61	0.74	0.87	45	3.06	0.62	0.76	0.9	42	3.47	0.64	0.78	0.93	39	3.94	0.65	0.81	0.98
71°F	1210	48	2.68	0.46	0.58	0.69	45.5	3.05	0.47	0.59	0.71	42.5	3.47	0.47	0.61	0.73	39.5	3.94	0.47	0.62	0.77
	1360	49	2.68	0.47	0.59	0.72	46.5	3.05	0.47	0.61	0.74	43.5	3.47	0.48	0.63	0.77	40	3.92	0.48	0.64	0.8
	1360	49	2.68	0.47	0.59	0.72	46.5	3.05	0.47	0.61	0.74	43.5	3.47	0.48	0.63	0.77	40	3.92	0.48	0.64	0.8

XP13-042-230-08 - CH33-48C-2F + SLP98UH090V36C

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
1210	47.5	3.05	37.4	2.85	26.7	2.64	19.8	2.38	9.8	1.75
1360	48.1	2.95	38	2.75	27.3	2.55	20.4	2.28	10.4	1.66
1360	48.1	2.95	38	2.75	27.3	2.55	20.4	2.28	10.4	1.66

**XP13-042-230-08 - CH33-48C-2F + SLP98UH090V36C
HEATING PERFORMANCE at 1360 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.95	48.1
60	2.91	45.8
55	2.86	43.5
50	2.81	41.2
47	2.78	39.9
45	2.75	38
40	2.68	33.3
35	2.61	28.7
30	2.58	28
25	2.55	27.3
20	2.52	26.6
17	2.5	26.1
15	2.48	25.2
10	2.44	22.9
5	2.28	20.4
0	2.13	17.9
-5	1.97	15.4
-10	1.81	12.9
-15	1.66	10.4
-20	1.5	7.8

XP13-042-230-08 - CH33-48C-2F + SLP98UH090V48C

Entering Wet Bulb Temper- ature	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
63°F	1265	45	2.68	0.75	0.88	1	42.5	3.05	0.77	0.91	1	40	3.47	0.79	0.94	1	37	3.94	0.81	0.97	1
	1375	45.5	2.68	0.76	0.9	1	43	3.05	0.78	0.93	1	40.5	3.48	0.81	0.96	1	37.6	3.95	0.83	1	1
	1580	46.5	2.68	0.79	0.95	1	44	3.06	0.81	0.97	1	41	3.47	0.84	1	1	38.5	3.94	0.88	1	1
67°F	1265	47	2.68	0.6	0.72	0.85	44.5	3.06	0.61	0.74	0.88	41.5	3.47	0.62	0.77	0.91	38.5	3.94	0.64	0.79	0.95
	1375	47.5	2.68	0.61	0.74	0.87	45	3.06	0.62	0.76	0.9	42	3.47	0.64	0.79	0.94	39	3.94	0.65	0.82	0.98
	1580	49	2.68	0.63	0.77	0.92	46	3.05	0.64	0.8	0.95	42.5	3.47	0.66	0.82	0.99	39.5	3.93	0.68	0.86	1
71°F	1265	48.5	2.68	0.46	0.58	0.7	46	3.05	0.47	0.59	0.72	43	3.47	0.47	0.61	0.75	39.5	3.94	0.47	0.63	0.77
	1375	49.5	2.68	0.47	0.59	0.72	46.5	3.05	0.47	0.61	0.74	43.5	3.46	0.47	0.63	0.77	40	3.92	0.48	0.65	0.8
	1580	50.5	2.68	0.48	0.62	0.75	47.5	3.05	0.48	0.63	0.78	44	3.46	0.49	0.65	0.81	40.5	3.92	0.5	0.67	0.85

XP13-042-230-08 - CH33-48C-2F + SLP98UH090V48C

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
1265	47.7	3.01	37.6	2.81	26.8	2.61	19.9	2.35	9.9	1.73
1375	48.1	2.94	38	2.74	27.2	2.54	20.4	2.28	10.3	1.65
1580	48.9	2.84	38.8	2.65	28	2.44	21.1	2.18	11.1	1.56

**XP13-042-230-08 - CH33-48C-2F + SLP98UH090V48C
HEATING PERFORMANCE at 1375 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.94	48.1
60	2.89	45.8
55	2.85	43.5
50	2.8	41.2
47	2.77	39.8
45	2.74	38
40	2.67	33.3
35	2.59	28.7
30	2.56	27.9
25	2.54	27.2
20	2.51	26.5
17	2.5	26.1
15	2.48	25.2
10	2.43	22.9
5	2.28	20.4
0	2.12	17.8
-5	1.96	15.3
-10	1.81	12.8
-15	1.65	10.3
-20	1.5	7.8

XP13-042-230-08 - CH33-48C-2F + SLP98UH090V60C

Entering Wet Bulb Temper- ature	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
63°F	1320	45	2.68	0.75	0.89	1	42.5	3.05	0.77	0.92	1	40	3.47	0.8	0.95	1	37.2	3.94	0.82	0.99	1
	1460	46	2.68	0.78	0.92	1	43.5	3.05	0.8	0.95	1	40.5	3.47	0.82	0.98	1	37.8	3.94	0.85	1	1
	1590	47	2.68	0.79	0.95	1	44	3.06	0.82	0.98	1	41	3.47	0.84	1	1	38.5	3.94	0.88	1	1
67°F	1320	47.5	2.68	0.6	0.73	0.86	44.5	3.06	0.62	0.75	0.89	42	3.47	0.63	0.78	0.92	38.5	3.94	0.65	0.81	0.96
	1460	48	2.68	0.61	0.75	0.89	45.5	3.05	0.63	0.78	0.92	42.5	3.47	0.65	0.8	0.96	39	3.94	0.66	0.83	1
	1590	49	2.68	0.63	0.77	0.92	46	3.06	0.64	0.8	0.95	42.5	3.47	0.66	0.82	0.99	39.5	3.93	0.68	0.86	1
71°F	1320	49	2.68	0.47	0.59	0.71	46	3.05	0.46	0.6	0.73	43	3.47	0.47	0.61	0.76	40	3.93	0.48	0.64	0.79
	1460	50	2.68	0.48	0.6	0.73	47	3.05	0.48	0.62	0.76	43.5	3.46	0.48	0.64	0.79	40.5	3.92	0.49	0.65	0.82
	1590	50.5	2.68	0.48	0.62	0.75	47.5	3.05	0.48	0.63	0.78	44	3.47	0.49	0.65	0.81	40.5	3.92	0.51	0.67	0.85

XP13-042-230-08 - CH33-48C-2F + SLP98UH090V60C

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	48	2.96	37.8	2.77	26.9	2.58	20	2.33	9.9	1.71
1460	48.5	2.89	38.3	2.7	27.4	2.51	20.5	2.26	10.4	1.64
1590	49	2.83	38.7	2.64	27.9	2.45	21	2.2	10.9	1.58

**XP13-042-230-08 - CH33-48C-2F + SLP98UH090V60C
HEATING PERFORMANCE at 1460 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.89	48.5
60	2.84	46.2
55	2.8	43.9
50	2.76	41.6
47	2.73	40.2
45	2.7	38.3
40	2.63	33.6
35	2.56	28.9
30	2.54	28.2
25	2.51	27.4
20	2.49	26.7
17	2.47	26.3
15	2.45	25.4
10	2.41	23.1
5	2.26	20.5
0	2.1	18
-5	1.95	15.5
-10	1.79	12.9
-15	1.64	10.4
-20	1.48	7.9

XP13-042-230-08 - CH33-48C-2F + SLP98UH110V60C

Entering Wet Bulb Temper- ature	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
63°F	1270	45	2.68	0.75	0.88	1	42.5	3.05	0.77	0.91	1	40	3.47	0.79	0.94	1	37	3.94	0.81	0.97	1
	1405	46	2.68	0.77	0.91	1	43	3.05	0.79	0.94	1	40.5	3.47	0.81	0.97	1	37.6	3.94	0.84	1	1
	1565	46.5	2.68	0.79	0.94	1	44	3.05	0.81	0.97	1	41	3.47	0.84	1	1	38.5	3.94	0.88	1	1
67°F	1270	47	2.68	0.6	0.72	0.85	44.5	3.06	0.61	0.74	0.88	41.5	3.47	0.62	0.77	0.91	38.5	3.94	0.64	0.79	0.95
	1405	48	2.69	0.61	0.75	0.88	45	3.05	0.62	0.77	0.91	42	3.48	0.64	0.79	0.94	39	3.94	0.66	0.82	0.99
	1565	48.5	2.68	0.63	0.77	0.91	46	3.05	0.64	0.79	0.94	42.5	3.47	0.65	0.82	0.98	39.5	3.93	0.67	0.86	1
71°F	1270	48.5	2.68	0.46	0.58	0.7	46	3.05	0.47	0.59	0.72	43	3.47	0.47	0.61	0.75	39.5	3.94	0.47	0.63	0.78
	1405	49.5	2.68	0.47	0.59	0.72	46.5	3.06	0.48	0.61	0.75	43.5	3.46	0.47	0.63	0.77	40	3.92	0.48	0.65	0.81
	1565	50.5	2.68	0.48	0.62	0.75	47.5	3.05	0.49	0.63	0.77	44	3.46	0.49	0.65	0.8	40.5	3.92	0.5	0.67	0.85

XP13-042-230-08 - CH33-48C-2F + SLP98UH110V60C

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	47.7	3	37.5	2.81	26.8	2.61	19.9	2.36	9.8	1.73
1405	48.2	2.91	38	2.72	27.3	2.53	20.4	2.27	10.3	1.65
1565	48.9	2.84	38.7	2.65	28	2.45	21.1	2.19	11	1.57

**XP13-042-230-08 - CH33-48C-2F + SLP98UH110V60C
HEATING PERFORMANCE at 1405 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.91	48.2
60	2.87	45.9
55	2.83	43.6
50	2.78	41.3
47	2.75	39.9
45	2.72	38
40	2.65	33.4
35	2.58	28.7
30	2.55	28
25	2.53	27.3
20	2.5	26.6
17	2.49	26.1
15	2.47	25.2
10	2.42	22.9
5	2.27	20.4
0	2.11	17.9
-5	1.96	15.4
-10	1.8	12.9
-15	1.65	10.3
-20	1.49	7.8

XP13-042-230-08 - CR33-50/60C-F + SL280DF090V60C

Entering Wet Bulb Temper- ature	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
63°F	1305	45	2.8	0.77	0.91	1	42.5	3.19	0.79	0.94	1	40	3.65	0.81	0.97	1	37.2	4.15	0.84	1	1
	1390	45.5	2.8	0.78	0.93	1	43	3.19	0.8	0.96	1	40.5	3.64	0.83	0.99	1	37.8	4.13	0.86	1	1
	1580	46.5	2.8	0.81	0.97	1	44	3.19	0.84	0.99	1	41.5	3.64	0.87	1	1	38.5	4.14	0.91	1	1
67°F	1305	47.5	2.8	0.61	0.75	0.88	44.5	3.19	0.63	0.77	0.91	41.5	3.64	0.64	0.79	0.94	38.5	4.14	0.66	0.83	0.98
	1390	48	2.8	0.62	0.76	0.9	45	3.19	0.63	0.78	0.93	42	3.64	0.65	0.81	0.97	39	4.13	0.68	0.85	1
	1580	48.5	2.8	0.64	0.79	0.94	45.5	3.19	0.66	0.82	0.98	42.5	3.64	0.68	0.85	1	39	4.13	0.7	0.9	1
71°F	1305	49.5	2.79	0.47	0.6	0.73	46.5	3.19	0.47	0.61	0.75	43.5	3.63	0.48	0.63	0.78	40	4.11	0.49	0.65	0.81
	1390	50	2.79	0.47	0.61	0.74	47	3.18	0.48	0.63	0.76	43.5	3.63	0.49	0.64	0.8	40	4.11	0.5	0.67	0.84
	1580	50.5	2.79	0.48	0.63	0.77	47.5	3.18	0.49	0.65	0.8	44	3.62	0.5	0.67	0.84	40.5	4.1	0.51	0.7	0.88

XP13-042-230-08 - CR33-50/60C-F + SL280DF090V60C

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	48.6	2.76	38.1	2.59	27.1	2.42	20	2.19	10	1.6
1390	48.9	2.72	38.5	2.55	27.4	2.38	20.4	2.15	10.4	1.56
1580	49.4	2.63	39	2.47	27.9	2.3	20.9	2.06	10.9	1.47

**XP13-042-230-08 - CR33-50/60C-F + SL280DF090V60C
HEATING PERFORMANCE at 1390 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.72	48.9
60	2.68	46.6
55	2.64	44.2
50	2.6	41.8
47	2.58	40.4
45	2.55	38.5
40	2.49	33.7
35	2.42	28.9
30	2.4	28.2
25	2.38	27.4
20	2.36	26.7
17	2.35	26.2
15	2.34	25.3
10	2.3	22.9
5	2.15	20.4
0	2	17.9
-5	1.85	15.4
-10	1.71	12.9
-15	1.56	10.4
-20	1.41	7.9

XP13-042-230-08 - CR33-50/60C-F + SL280DF110V60C

Entering Wet Bulb Temper- ature	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
63°F	1225	44.5	2.79	0.76	0.89	1	42	3.19	0.77	0.92	1	39.5	3.65	0.79	0.95	1	36.8	4.15	0.82	0.98	1
	1400	45.5	2.8	0.78	0.93	1	43	3.19	0.8	0.96	1	40.5	3.63	0.83	0.99	1	37.8	4.15	0.87	1	1
	1585	46.5	2.8	0.81	0.97	1	44	3.19	0.84	0.99	1	41.5	3.64	0.87	1	1	38.5	4.14	0.91	1	1
67°F	1225	47	2.8	0.61	0.73	0.86	44	3.19	0.62	0.75	0.89	41.5	3.65	0.63	0.78	0.92	38.5	4.14	0.65	0.81	0.96
	1400	48	2.8	0.62	0.76	0.9	45	3.19	0.64	0.79	0.93	42	3.64	0.65	0.81	0.97	39	4.13	0.68	0.85	1
	1585	48.5	2.8	0.64	0.79	0.94	45.5	3.18	0.66	0.82	0.98	42.5	3.64	0.68	0.86	1	39.5	4.13	0.7	0.9	1
71°F	1225	49	2.79	0.46	0.59	0.71	46	3.18	0.47	0.61	0.73	43	3.63	0.47	0.62	0.76	39.5	4.12	0.48	0.64	0.79
	1400	50	2.79	0.47	0.61	0.74	47	3.18	0.48	0.63	0.77	43.5	3.63	0.49	0.64	0.8	40	4.11	0.5	0.67	0.84
	1585	51	2.79	0.48	0.63	0.77	47.5	3.18	0.49	0.65	0.8	44	3.62	0.5	0.67	0.84	40.5	4.1	0.51	0.7	0.89

XP13-042-230-08 - CR33-50/60C-F + SL280DF110V60C

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	48.2	2.8	37.8	2.64	26.8	2.47	19.8	2.24	9.8	1.65
1400	48.8	2.71	38.4	2.55	27.4	2.38	20.4	2.15	10.4	1.56
1585	49.4	2.63	39	2.47	28	2.29	20.9	2.06	10.9	1.47

**XP13-042-230-08 - CR33-50/60C-F + SL280DF110V60C
HEATING PERFORMANCE at 1400 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.71	48.8
60	2.67	46.5
55	2.64	44.1
50	2.6	41.7
47	2.58	40.3
45	2.55	38.4
40	2.48	33.7
35	2.42	28.9
30	2.4	28.1
25	2.38	27.4
20	2.36	26.6
17	2.35	26.2
15	2.33	25.2
10	2.29	22.9
5	2.15	20.4
0	2	17.9
-5	1.85	15.4
-10	1.7	12.9
-15	1.56	10.4
-20	1.41	7.9

XP13-042-230-08 - CR33-50/60C-F + SLP98DF090V36C

Entering Wet Bulb Temper- ature	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
63°F	1215	44.5	2.79	0.76	0.89	1	42	3.19	0.77	0.92	1	39.5	3.65	0.79	0.95	1	36.8	4.15	0.82	0.98	1
	1385	45.5	2.8	0.78	0.93	1	43	3.19	0.8	0.96	1	40.5	3.64	0.83	0.99	1	37.8	4.15	0.87	1	1
	1385	45.5	2.8	0.78	0.93	1	43	3.19	0.8	0.96	1	40.5	3.64	0.83	0.99	1	37.8	4.15	0.87	1	1
67°F	1215	46.5	2.8	0.61	0.73	0.86	44	3.19	0.62	0.75	0.89	41.5	3.65	0.63	0.78	0.92	38.5	4.14	0.65	0.81	0.96
	1385	48	2.8	0.62	0.76	0.9	45	3.19	0.64	0.78	0.93	42	3.64	0.65	0.81	0.97	39	4.13	0.68	0.85	1
	1385	48	2.8	0.62	0.76	0.9	45	3.19	0.64	0.78	0.93	42	3.64	0.65	0.81	0.97	39	4.13	0.68	0.85	1
71°F	1215	49	2.79	0.47	0.59	0.71	46	3.18	0.47	0.61	0.73	43	3.63	0.47	0.62	0.76	39.5	4.12	0.48	0.64	0.79
	1385	50	2.79	0.47	0.61	0.74	47	3.18	0.48	0.63	0.77	43.5	3.63	0.49	0.65	0.8	40	4.11	0.5	0.67	0.84
	1385	50	2.79	0.47	0.61	0.74	47	3.18	0.48	0.63	0.77	43.5	3.63	0.49	0.65	0.8	40	4.11	0.5	0.67	0.84

XP13-042-230-08 - CR33-50/60C-F + SLP98DF090V36C

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
1215	48.4	2.82	38	2.66	27	2.49	19.9	2.25	9.8	1.66
1385	49.1	2.72	38.7	2.56	27.6	2.39	20.6	2.15	10.5	1.56
1385	49.1	2.72	38.7	2.56	27.6	2.39	20.6	2.15	10.5	1.56

**XP13-042-230-08 - CR33-50/60C-F + SLP98DF090V36C
HEATING PERFORMANCE at 1385 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.72	49.1
60	2.68	46.7
55	2.65	44.4
50	2.61	42
47	2.58	40.6
45	2.56	38.7
40	2.49	33.9
35	2.43	29.1
30	2.41	28.4
25	2.39	27.6
20	2.37	26.9
17	2.36	26.4
15	2.34	25.5
10	2.3	23.1
5	2.15	20.6
0	2.01	18
-5	1.86	15.5
-10	1.71	13
-15	1.56	10.5
-20	1.41	7.9

XP13-042-230-08 - CR33-50/60C-F + SLP98DF090V48C

Entering Wet Bulb Temper- ature	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
63°F	1220	44.5	2.79	0.76	0.89	1	42	3.19	0.77	0.92	1	39.5	3.65	0.8	0.95	1	36.8	4.15	0.82	0.98	1
	1425	45.5	2.8	0.79	0.94	1	43	3.19	0.81	0.97	1	40.5	3.64	0.84	1	1	38	4.14	0.88	1	1
	1625	46.5	2.8	0.82	0.98	1	44.5	3.19	0.85	1	1	41.5	3.64	0.88	1	1	39	4.14	0.92	1	1
67°F	1220	46.5	2.8	0.61	0.73	0.86	44	3.19	0.62	0.75	0.89	41.5	3.65	0.63	0.78	0.92	38.5	4.14	0.65	0.81	0.96
	1425	48	2.8	0.63	0.77	0.91	45	3.19	0.64	0.79	0.94	42	3.63	0.66	0.82	0.98	39	4.12	0.68	0.86	1
	1625	49	2.8	0.65	0.8	0.96	46	3.18	0.66	0.83	0.98	43	3.63	0.69	0.86	1	39.5	4.13	0.71	0.91	1
71°F	1220	49	2.79	0.46	0.59	0.71	46	3.18	0.47	0.61	0.73	43	3.63	0.47	0.62	0.76	39.5	4.12	0.48	0.64	0.79
	1425	50	2.78	0.48	0.62	0.75	47	3.18	0.48	0.63	0.77	44	3.62	0.49	0.65	0.81	40	4.1	0.5	0.68	0.85
	1625	51	2.79	0.49	0.64	0.78	47.5	3.18	0.5	0.66	0.81	44.5	3.62	0.51	0.68	0.85	40.5	4.1	0.52	0.71	0.9

XP13-042-230-08 - CR33-50/60C-F + SLP98DF090V48C

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
1220	48.4	2.81	37.9	2.65	26.8	2.49	19.8	2.26	9.7	1.67
1425	49.2	2.7	38.8	2.54	27.7	2.38	20.6	2.15	10.5	1.56
1625	49.8	2.61	39.3	2.46	28.2	2.29	21.2	2.06	11	1.47

XP13-042-230-08 - CR33-50/60C-F + SLP98DF090V48C

HEATING PERFORMANCE at 1425 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.7	49.2
60	2.66	46.8
55	2.62	44.5
50	2.59	42.1
47	2.56	40.7
45	2.54	38.8
40	2.48	34
35	2.41	29.2
30	2.4	28.4
25	2.38	27.7
20	2.36	26.9
17	2.35	26.4
15	2.33	25.5
10	2.29	23.1
5	2.15	20.6
0	2	18.1
-5	1.85	15.5
-10	1.7	13
-15	1.56	10.5
-20	1.41	7.9

XP13-042-230-08 - CR33-50/60C-F + SLP98DF090V60C

Entering Wet Bulb Temper- ature	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
63°F	1265	44.5	2.79	0.76	0.9	1	42.5	3.19	0.78	0.93	1	39.5	3.65	0.8	0.96	1	37	4.15	0.84	0.99	1
	1445	46	2.8	0.79	0.94	1	43	3.19	0.82	0.97	1	40.5	3.64	0.84	1	1	38	4.14	0.88	1	1
	1600	46.5	2.8	0.82	0.97	1	44	3.19	0.84	1	1	41.5	3.64	0.88	1	1	38.5	4.14	0.92	1	1
67°F	1265	47	2.8	0.61	0.74	0.87	44.5	3.19	0.62	0.76	0.9	41.5	3.64	0.64	0.79	0.93	38.5	4.13	0.66	0.82	0.98
	1445	48	2.8	0.63	0.77	0.91	45.5	3.19	0.64	0.8	0.95	42	3.63	0.66	0.83	0.98	39	4.12	0.68	0.87	1
	1600	49	2.8	0.65	0.8	0.95	46	3.18	0.66	0.83	0.98	42.5	3.63	0.68	0.86	1	39.5	4.13	0.71	0.9	1
71°F	1265	49	2.79	0.47	0.6	0.72	46	3.19	0.47	0.61	0.74	43	3.63	0.48	0.63	0.77	40	4.11	0.49	0.65	0.8
	1445	50	2.79	0.48	0.62	0.75	47	3.18	0.48	0.63	0.78	44	3.62	0.49	0.65	0.81	40.5	4.1	0.51	0.68	0.85
	1600	51	2.79	0.49	0.64	0.78	47.5	3.18	0.5	0.65	0.81	44.5	3.62	0.51	0.68	0.85	40.5	4.1	0.52	0.71	0.89

XP13-042-230-08 - CR33-50/60C-F + SLP98DF090V60C

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
1265	48.6	2.78	38.1	2.62	27	2.46	20	2.24	9.8	1.65
1445	49.2	2.68	38.8	2.53	27.7	2.37	20.6	2.14	10.5	1.55
1600	49.8	2.62	39.3	2.47	28.3	2.31	21.2	2.08	11	1.49

**XP13-042-230-08 - CR33-50/60C-F + SLP98DF090V60C
HEATING PERFORMANCE at 1445 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.68	49.2
60	2.65	46.9
55	2.61	44.5
50	2.58	42.1
47	2.55	40.7
45	2.53	38.8
40	2.47	34
35	2.4	29.2
30	2.39	28.4
25	2.37	27.7
20	2.35	26.9
17	2.34	26.5
15	2.33	25.6
10	2.29	23.2
5	2.14	20.6
0	2	18.1
-5	1.85	15.6
-10	1.7	13
-15	1.55	10.5
-20	1.41	7.9

XP13-042-230-08 - CR33-50/60C-F + SLP98DF110V60C

Entering Wet Bulb Temper- ature	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
63°F	1270	45	2.8	0.76	0.9	1	42.5	3.19	0.78	0.93	1	39.5	3.65	0.81	0.96	1	37	4.15	0.84	0.99	1
	1440	45.5	2.8	0.79	0.94	1	43	3.19	0.81	0.97	1	40.5	3.64	0.84	1	1	38	4.14	0.88	1	1
	1580	46.5	2.8	0.81	0.97	1	44	3.19	0.84	0.99	1	41.5	3.64	0.87	1	1	38.5	4.14	0.91	1	1
67°F	1270	47	2.8	0.61	0.74	0.87	44.5	3.19	0.62	0.76	0.9	41.5	3.64	0.64	0.79	0.93	38.5	4.13	0.66	0.82	0.98
	1440	48	2.8	0.63	0.77	0.91	45	3.19	0.64	0.79	0.94	42	3.63	0.66	0.82	0.98	39	4.12	0.68	0.86	1
	1580	48.5	2.8	0.64	0.79	0.95	46	3.18	0.66	0.82	0.98	42.5	3.64	0.68	0.86	1	39.5	4.13	0.71	0.9	1
71°F	1270	49	2.79	0.47	0.6	0.72	46.5	3.19	0.47	0.61	0.74	43	3.63	0.48	0.63	0.77	40	4.11	0.49	0.65	0.81
	1440	50	2.79	0.48	0.62	0.75	47	3.18	0.48	0.63	0.78	44	3.62	0.49	0.65	0.81	40	4.1	0.5	0.68	0.85
	1580	51	2.79	0.49	0.63	0.78	47.5	3.18	0.5	0.65	0.8	44	3.62	0.5	0.67	0.84	40.5	4.1	0.52	0.7	0.89

XP13-042-230-08 - CR33-50/60C-F + SLP98DF110V60C

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	48.6	2.77	38.1	2.62	27.1	2.46	20	2.23	9.9	1.64
1440	49.1	2.68	38.7	2.53	27.6	2.37	20.6	2.14	10.4	1.55
1580	49.7	2.63	39.2	2.47	28.2	2.31	21.1	2.09	11	1.5

**XP13-042-230-08 - CR33-50/60C-F + SLP98DF110V60C
HEATING PERFORMANCE at 1440 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.68	49.1
60	2.65	46.8
55	2.61	44.4
50	2.58	42
47	2.55	40.6
45	2.53	38.7
40	2.47	33.9
35	2.4	29.1
30	2.39	28.3
25	2.37	27.6
20	2.35	26.8
17	2.34	26.4
15	2.33	25.4
10	2.29	23.1
5	2.14	20.6
0	2	18
-5	1.85	15.5
-10	1.7	13
-15	1.55	10.4
-20	1.41	7.9

XP13-042-230-08 - CX34-43B-6F

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
63°F	1225	44.5	2.65	0.76	0.89	1	42	3.01	0.78	0.92	1	39.5	3.43	0.8	0.95	1	36.6	3.89	0.83	0.99	1
	1400	46	2.65	0.79	0.94	1	43	3.02	0.81	0.97	1	40.5	3.43	0.84	0.99	1	37.4	3.89	0.87	1	1
	1575	47	2.65	0.82	0.97	1	44	3.02	0.84	1	1	41	3.43	0.87	1	1	38.5	3.88	0.91	1	1
67°F	1225	46.5	2.65	0.61	0.73	0.86	44	3.02	0.61	0.76	0.89	41	3.43	0.64	0.78	0.93	38	3.89	0.65	0.81	0.97
	1400	48	2.65	0.62	0.77	0.91	45	3.01	0.64	0.79	0.94	42	3.42	0.65	0.82	0.97	38.5	3.88	0.69	0.85	1
	1575	49	2.65	0.64	0.8	0.95	46	3.02	0.66	0.82	0.98	42.5	3.42	0.68	0.85	1	39	3.87	0.7	0.9	1
71°F	1225	49	2.65	0.47	0.6	0.71	46	3.02	0.47	0.6	0.74	43	3.42	0.48	0.63	0.76	39.5	3.87	0.49	0.64	0.8
	1400	50	2.65	0.48	0.61	0.75	46.5	3.01	0.48	0.63	0.77	43.5	3.42	0.49	0.65	0.8	40	3.86	0.51	0.68	0.84
	1575	50.5	2.64	0.48	0.63	0.78	47.5	3.01	0.49	0.65	0.8	44	3.41	0.5	0.67	0.84	40	3.85	0.52	0.71	0.89

XP13-042-230-08 - CX34-43B-6F

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	48.1	3.04	38	2.84	27.3	2.64	20.4	2.39	10	1.77
1400	48.6	2.92	38.5	2.73	27.8	2.52	20.9	2.27	10.6	1.65
1575	49.2	2.83	39.1	2.63	28.4	2.43	21.5	2.17	11.2	1.55

**XP13-042-230-08 - CX34-43B-6F
HEATING PERFORMANCE at 1400 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.92	48.6
60	2.87	46.3
55	2.83	44
50	2.78	41.8
47	2.76	40.4
45	2.73	38.5
40	2.65	33.8
35	2.57	29.2
30	2.55	28.5
25	2.52	27.8
20	2.5	27.1
17	2.49	26.7
15	2.47	25.8
10	2.42	23.5
5	2.27	20.9
0	2.11	18.3
-5	1.96	15.8
-10	1.8	13.2
-15	1.65	10.6
-20	1.49	8

XP13-042-230-08 - CX34-43B-6F + SL280UH090V36B

Entering Wet Bulb Temper- ature	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
63°F	1195	44.5	2.65	0.75	0.88	1	42	3.01	0.76	0.91	1	39	3.43	0.79	0.94	1	36.4	3.89	0.81	0.98	1
	1395	45.5	2.65	0.78	0.93	1	43	3.02	0.8	0.96	1	40.5	3.43	0.83	0.99	1	37.4	3.89	0.86	1	1
	1395	45.5	2.65	0.78	0.93	1	43	3.02	0.8	0.96	1	40.5	3.43	0.83	0.99	1	37.4	3.89	0.86	1	1
67°F	1195	46.5	2.65	0.6	0.72	0.85	43.5	3.02	0.61	0.74	0.88	41	3.43	0.62	0.77	0.91	37.8	3.89	0.64	0.8	0.95
	1395	48	2.65	0.61	0.76	0.9	45	3.02	0.63	0.78	0.93	42	3.42	0.64	0.81	0.97	38.5	3.88	0.68	0.85	1
	1395	48	2.65	0.61	0.76	0.9	45	3.02	0.63	0.78	0.93	42	3.42	0.64	0.81	0.97	38.5	3.88	0.68	0.85	1
71°F	1195	48.5	2.65	0.46	0.58	0.7	45.5	3.02	0.46	0.59	0.72	42.5	3.42	0.47	0.61	0.73	39	3.87	0.48	0.62	0.78
	1395	49.5	2.65	0.47	0.6	0.74	46.5	3.01	0.48	0.62	0.77	43.5	3.42	0.49	0.64	0.8	39.5	3.85	0.5	0.67	0.83
	1395	49.5	2.65	0.47	0.6	0.74	46.5	3.01	0.48	0.62	0.77	43.5	3.42	0.49	0.64	0.8	39.5	3.85	0.5	0.67	0.83

XP13-042-230-08 - CX34-43B-6F + SL280UH090V36B

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
1195	47.3	3.04	37.2	2.85	26.5	2.65	19.6	2.39	9.6	1.77
1395	48.1	2.91	38	2.72	27.3	2.52	20.4	2.26	10.4	1.64
1395	48.1	2.91	38	2.72	27.3	2.52	20.4	2.26	10.4	1.64

**XP13-042-230-08 - CX34-43B-6F + SL280UH090V36B
HEATING PERFORMANCE at 1395 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.91	48.1
60	2.86	45.8
55	2.82	43.5
50	2.77	41.2
47	2.75	39.9
45	2.72	38
40	2.64	33.3
35	2.57	28.7
30	2.55	28
25	2.52	27.3
20	2.49	26.6
17	2.48	26.2
15	2.46	25.2
10	2.41	23
5	2.26	20.4
0	2.1	17.9
-5	1.95	15.4
-10	1.8	12.9
-15	1.64	10.4
-20	1.49	7.8

XP13-042-230-08 - CX34-43B-6F + SL280UH090V48B

Entering Wet Bulb Temper- ature	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
63°F	1200	44.5	2.65	0.75	0.88	1	42	3.01	0.77	0.91	1	39	3.43	0.79	0.94	1	36.4	3.9	0.82	0.98	1
	1405	46	2.65	0.78	0.93	1	43	3.02	0.81	0.96	1	40.5	3.43	0.83	0.99	1	37.4	3.89	0.86	1	1
	1545	46.5	2.65	0.81	0.96	1	44	3.02	0.83	0.99	1	41	3.43	0.86	1	1	38	3.88	0.9	1	1
67°F	1200	46.5	2.65	0.6	0.72	0.85	44	3.02	0.61	0.74	0.88	41	3.43	0.62	0.77	0.91	37.8	3.89	0.64	0.8	0.95
	1405	48	2.65	0.61	0.76	0.9	45	3.02	0.64	0.79	0.93	42	3.42	0.65	0.81	0.97	38.5	3.88	0.68	0.85	1
	1545	48.5	2.65	0.64	0.79	0.94	45.5	3.01	0.65	0.81	0.97	42.5	3.42	0.67	0.84	1	39	3.87	0.7	0.89	1
71°F	1200	48.5	2.65	0.46	0.59	0.7	45.5	3.02	0.46	0.59	0.73	42.5	3.42	0.47	0.61	0.75	39	3.87	0.48	0.63	0.78
	1405	49.5	2.65	0.47	0.61	0.74	46.5	3.01	0.48	0.62	0.77	43.5	3.42	0.49	0.64	0.8	40	3.86	0.5	0.67	0.84
	1545	50.5	2.65	0.48	0.62	0.77	47	3.01	0.49	0.65	0.8	44	3.41	0.5	0.66	0.83	40	3.86	0.51	0.69	0.88

XP13-042-230-08 - CX34-43B-6F + SL280UH090V48B

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
1200	47.4	3.04	37.3	2.85	26.6	2.65	19.7	2.39	9.6	1.78
1405	48.1	2.9	38	2.71	27.3	2.52	20.5	2.26	10.4	1.64
1545	48.7	2.83	38.7	2.64	27.9	2.45	21.1	2.19	11	1.57

**XP13-042-230-08 - CX34-43B-6F + SL280UH090V48B
HEATING PERFORMANCE at 1405 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.9	48.1
60	2.86	45.8
55	2.81	43.6
50	2.77	41.3
47	2.74	39.9
45	2.71	38
40	2.64	33.4
35	2.57	28.7
30	2.54	28
25	2.52	27.3
20	2.49	26.6
17	2.48	26.2
15	2.46	25.3
10	2.41	23
5	2.26	20.5
0	2.1	18
-5	1.95	15.4
-10	1.8	12.9
-15	1.64	10.4
-20	1.49	7.9

XP13-042-230-08 - CX34-43C-6F + SL280UH090V60C

Entering Wet Bulb Temper- ature	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						
				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	1295	45	2.65	0.76	0.9	1	42.5	3.02	0.78	0.93	1	39.5	3.43	0.81	0.97	1	36.8	3.89	0.84	1	1				
	1440	46	2.65	0.79	0.94	1	43	3.02	0.81	0.97	1	40.5	3.43	0.84	1	1	37.6	3.89	0.87	1	1				
	1575	46.5	2.65	0.81	0.97	1	44	3.02	0.83	0.99	1	41	3.43	0.86	1	1	38	3.88	0.91	1	1				
67°F	1295	47	2.65	0.6	0.74	0.87	44.5	3.02	0.62	0.76	0.9	41.5	3.43	0.63	0.79	0.94	38	3.88	0.65	0.82	0.98				
	1440	48	2.65	0.61	0.77	0.91	45	3.01	0.63	0.79	0.94	42	3.43	0.65	0.82	0.98	38.5	3.88	0.67	0.86	1				
	1575	48.5	2.65	0.64	0.79	0.94	45.5	3.01	0.65	0.81	0.97	42.5	3.42	0.67	0.84	1	39	3.87	0.69	0.89	1				
71°F	1295	49	2.65	0.46	0.59	0.72	46	3.02	0.46	0.6	0.74	43	3.42	0.48	0.62	0.77	39.5	3.86	0.48	0.65	0.81				
	1440	50	2.65	0.47	0.61	0.75	47	3.02	0.47	0.62	0.77	43.5	3.42	0.49	0.64	0.8	40	3.86	0.5	0.67	0.85				
	1575	50.5	2.65	0.48	0.62	0.77	47.5	3.01	0.48	0.64	0.8	44	3.41	0.49	0.66	0.83	40	3.86	0.51	0.69	0.88				

XP13-042-230-08 - CX34-43C-6F + SL280UH090V60C

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	47.7	2.94	37.5	2.76	26.7	2.58	19.8	2.34	9.9	1.72
1440	48.1	2.85	37.9	2.67	27.1	2.5	20.3	2.25	10.3	1.63
1575	48.6	2.8	38.4	2.62	27.6	2.44	20.8	2.2	10.8	1.58

**XP13-042-230-08 - CX34-43C-6F + SL280UH090V60C
HEATING PERFORMANCE at 1440 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.85	48.1
60	2.81	45.8
55	2.77	43.5
50	2.73	41.2
47	2.7	39.8
45	2.67	37.9
40	2.61	33.3
35	2.54	28.6
30	2.52	27.9
25	2.5	27.1
20	2.47	26.4
17	2.46	26
15	2.44	25.1
10	2.4	22.8
5	2.25	20.3
0	2.09	17.8
-5	1.94	15.3
-10	1.79	12.8
-15	1.63	10.3
-20	1.48	7.8

XP13-042-230-08 - CX34-43C-6F + SL280UH110V60C

Entering Wet Bulb Temper- ature	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
63°F	1260	45	2.65	0.76	0.9	1	42	3.01	0.78	0.92	1	39.5	3.43	0.8	0.96	1	36.6	3.89	0.83	0.99	1
	1395	45.5	2.65	0.78	0.93	1	43	3.02	0.8	0.96	1	40	3.43	0.83	0.99	1	37.2	3.89	0.86	1	1
	1560	46.5	2.65	0.81	0.96	1	44	3.02	0.83	0.99	1	41	3.43	0.86	1	1	38	3.88	0.9	1	1
67°F	1260	47	2.65	0.61	0.73	0.86	44	3.02	0.61	0.75	0.89	41	3.43	0.63	0.78	0.93	38	3.88	0.64	0.81	0.97
	1395	47.5	2.65	0.61	0.76	0.9	45	3.02	0.63	0.78	0.93	42	3.42	0.64	0.81	0.97	38.5	3.88	0.67	0.84	1
	1560	48.5	2.65	0.64	0.79	0.94	45.5	3.01	0.65	0.81	0.97	42.5	3.42	0.67	0.84	1	39	3.87	0.69	0.89	1
71°F	1260	49	2.65	0.46	0.59	0.71	46	3.02	0.46	0.6	0.74	43	3.42	0.48	0.62	0.76	39.5	3.87	0.48	0.64	0.8
	1395	49.5	2.65	0.47	0.6	0.74	46.5	3.01	0.47	0.62	0.76	43.5	3.42	0.48	0.63	0.79	39.5	3.87	0.5	0.66	0.83
	1560	50.5	2.65	0.48	0.62	0.77	47	3.01	0.49	0.64	0.8	44	3.41	0.49	0.66	0.83	40	3.86	0.51	0.69	0.88

XP13-042-230-08 - CX34-43C-6F + SL280UH110V60C

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	47.5	2.98	37.4	2.79	26.7	2.59	19.9	2.33	9.9	1.72
1395	47.9	2.9	37.8	2.71	27.1	2.51	20.3	2.26	10.3	1.64
1560	48.5	2.82	38.4	2.63	27.7	2.43	20.9	2.17	10.9	1.55

**XP13-042-230-08 - CX34-43C-6F + SL280UH110V60C
HEATING PERFORMANCE at 1395 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.9	47.9
60	2.86	45.6
55	2.81	43.3
50	2.77	41
47	2.74	39.7
45	2.71	37.8
40	2.64	33.2
35	2.57	28.5
30	2.54	27.8
25	2.51	27.1
20	2.49	26.4
17	2.47	26
15	2.46	25
10	2.41	22.8
5	2.26	20.3
0	2.1	17.8
-5	1.95	15.3
-10	1.79	12.8
-15	1.64	10.3
-20	1.48	7.8

XP13-042-230-08 - CX34-43C-6F + SLP98UH090V36C

Entering Wet Bulb Temper- ature	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
63°F	1210	44.5	2.65	0.75	0.88	1	42	3.01	0.77	0.91	1	39.5	3.43	0.79	0.94	1	36.6	3.9	0.82	0.98	1
	1360	45.5	2.65	0.77	0.92	1	43	3.02	0.8	0.95	1	40	3.43	0.82	0.98	1	37.2	3.89	0.85	1	1
	1360	45.5	2.65	0.77	0.92	1	43	3.02	0.8	0.95	1	40	3.43	0.82	0.98	1	37.2	3.89	0.85	1	1
67°F	1210	46.5	2.65	0.6	0.73	0.85	44	3.02	0.61	0.75	0.88	41	3.43	0.62	0.77	0.92	37.8	3.89	0.64	0.8	0.96
	1360	47.5	2.65	0.61	0.75	0.89	45	3.02	0.63	0.78	0.92	41.5	3.42	0.64	0.8	0.96	38.5	3.88	0.67	0.84	1
	1360	47.5	2.65	0.61	0.75	0.89	45	3.02	0.63	0.78	0.92	41.5	3.42	0.64	0.8	0.96	38.5	3.88	0.67	0.84	1
71°F	1210	48.5	2.65	0.46	0.59	0.7	45.5	3.02	0.46	0.59	0.73	42.5	3.42	0.47	0.61	0.75	39	3.87	0.48	0.63	0.78
	1360	49.5	2.65	0.47	0.6	0.73	46.5	3.01	0.47	0.62	0.76	43	3.42	0.48	0.63	0.79	39.5	3.86	0.49	0.66	0.83
	1360	49.5	2.65	0.47	0.6	0.73	46.5	3.01	0.47	0.62	0.76	43	3.42	0.48	0.63	0.79	39.5	3.86	0.49	0.66	0.83

XP13-042-230-08 - CX34-43C-6F + SLP98UH090V36C

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
1210	47.4	3.03	37.3	2.84	26.6	2.64	19.8	2.38	9.7	1.76
1360	48	2.92	37.9	2.73	27.2	2.53	20.3	2.27	10.3	1.65
1360	48	2.92	37.9	2.73	27.2	2.53	20.3	2.27	10.3	1.65

**XP13-042-230-08 - CX34-43C-6F + SLP98UH090V36C
HEATING PERFORMANCE at 1360 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.92	48
60	2.87	45.7
55	2.83	43.4
50	2.78	41.1
47	2.76	39.7
45	2.73	37.9
40	2.66	33.2
35	2.59	28.6
30	2.56	27.9
25	2.53	27.2
20	2.5	26.5
17	2.49	26
15	2.47	25.1
10	2.42	22.9
5	2.27	20.3
0	2.11	17.8
-5	1.96	15.3
-10	1.8	12.8
-15	1.65	10.3
-20	1.49	7.8

XP13-042-230-08 - CX34-43C-6F + SLP98UH090V48C

Entering Wet Bulb Temper- ature	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
63°F	1265	45	2.65	0.76	0.9	1	42	3.01	0.78	0.92	1	39.5	3.43	0.8	0.96	1	36.8	3.89	0.83	0.99	1
	1375	45.5	2.65	0.78	0.92	1	43	3.02	0.8	0.95	1	40	3.43	0.82	0.99	1	37.2	3.89	0.86	1	1
	1580	46.5	2.65	0.81	0.97	1	44	3.02	0.84	1	1	41	3.43	0.87	1	1	38	3.88	0.91	1	1
67°F	1265	47	2.65	0.61	0.73	0.87	44	3.02	0.61	0.76	0.9	41.5	3.43	0.63	0.78	0.93	38	3.88	0.65	0.81	0.97
	1375	47.5	2.65	0.61	0.76	0.89	45	3.02	0.63	0.78	0.93	42	3.42	0.64	0.81	0.96	38.5	3.88	0.67	0.84	1
	1580	49	2.65	0.63	0.79	0.94	45.5	3.01	0.65	0.82	0.98	42.5	3.42	0.68	0.85	1	39	3.87	0.69	0.89	1
71°F	1265	49	2.65	0.46	0.6	0.71	46	3.02	0.46	0.6	0.74	43	3.42	0.48	0.62	0.76	39.5	3.87	0.48	0.64	0.8
	1375	49.5	2.65	0.47	0.6	0.74	46.5	3.02	0.47	0.62	0.76	43	3.42	0.48	0.63	0.79	39.5	3.86	0.5	0.66	0.83
	1580	50.5	2.65	0.48	0.62	0.77	47	3.01	0.48	0.64	0.8	44	3.41	0.5	0.67	0.84	40	3.85	0.51	0.7	0.88

XP13-042-230-08 - CX34-43C-6F + SLP98UH090V48C

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
1265	47.5	2.98	37.5	2.79	26.8	2.58	20	2.32	9.9	1.7
1375	47.9	2.92	37.8	2.73	27.2	2.52	20.3	2.26	10.3	1.64
1580	48.7	2.82	38.6	2.62	27.9	2.42	21.1	2.16	11.1	1.54

**XP13-042-230-08 - CX34-43C-6F + SLP98UH090V48C
HEATING PERFORMANCE at 1375 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.92	47.9
60	2.88	45.6
55	2.83	43.3
50	2.78	41.1
47	2.76	39.7
45	2.73	37.8
40	2.65	33.2
35	2.58	28.6
30	2.55	27.9
25	2.52	27.2
20	2.5	26.4
17	2.48	26
15	2.46	25.1
10	2.42	22.8
5	2.26	20.3
0	2.11	17.8
-5	1.95	15.3
-10	1.8	12.8
-15	1.64	10.3
-20	1.49	7.8

XP13-042-230-08 - CX34-43C-6F + SLP98UH090V60C

Entering Wet Bulb Temper- ature	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
63°F	1320	45	2.65	0.76	0.91	1	42.5	3.02	0.79	0.94	1	40	3.43	0.81	0.97	1	36.8	3.89	0.84	1	1
	1460	46	2.65	0.79	0.94	1	43.5	3.02	0.81	0.97	1	40.5	3.42	0.84	1	1	37.6	3.89	0.87	1	1
	1590	47	2.65	0.81	0.97	1	44	3.02	0.84	1	1	41	3.43	0.87	1	1	38	3.88	0.91	1	1
67°F	1320	47	2.65	0.61	0.74	0.88	44.5	3.02	0.62	0.77	0.91	41.5	3.43	0.64	0.79	0.95	38.5	3.88	0.66	0.83	0.99
	1460	48	2.65	0.62	0.77	0.91	45	3.02	0.64	0.79	0.95	42	3.42	0.65	0.82	0.98	38.5	3.88	0.68	0.86	1
	1590	49	2.65	0.64	0.79	0.94	46	3.02	0.65	0.82	0.98	42.5	3.42	0.67	0.85	1	39	3.87	0.69	0.9	1
71°F	1320	49.5	2.65	0.46	0.6	0.72	46.5	3.02	0.47	0.61	0.75	43	3.42	0.48	0.63	0.78	39.5	3.86	0.49	0.65	0.81
	1460	50	2.65	0.47	0.61	0.75	47	3.01	0.47	0.63	0.78	43.5	3.42	0.48	0.65	0.81	40	3.86	0.5	0.68	0.85
	1590	50.5	2.65	0.48	0.62	0.77	47.5	3.01	0.48	0.65	0.8	44	3.41	0.5	0.67	0.84	40	3.85	0.51	0.7	0.89

XP13-042-230-08 - CX34-43C-6F + SLP98UH090V60C

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	47.8	2.92	37.7	2.75	26.9	2.57	20	2.32	9.9	1.7
1460	48.3	2.85	38.1	2.67	27.4	2.49	20.5	2.25	10.4	1.63
1590	48.8	2.79	38.6	2.62	27.9	2.44	21	2.19	10.9	1.58

XP13-042-230-08 - CX34-43C-6F + SLP98UH090V60C

HEATING PERFORMANCE at 1460 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.85	48.3
60	2.81	46
55	2.77	43.7
50	2.73	41.4
47	2.7	40
45	2.67	38.1
40	2.61	33.5
35	2.54	28.8
30	2.52	28.1
25	2.49	27.4
20	2.47	26.6
17	2.46	26.2
15	2.44	25.3
10	2.4	23
5	2.25	20.5
0	2.09	17.9
-5	1.94	15.4
-10	1.78	12.9
-15	1.63	10.4
-20	1.48	7.9

XP13-042-230-08 - CX34-43C-6F + SLP98UH110V60C

Entering Wet Bulb Temper- ature	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
63°F	1270	45	2.65	0.76	0.9	1	42	3.01	0.78	0.93	1	39.5	3.43	0.8	0.96	1	36.8	3.89	0.83	0.99	1
	1405	46	2.65	0.78	0.93	1	43	3.02	0.8	0.96	1	40.5	3.43	0.83	0.99	1	37.4	3.89	0.86	1	1
	1565	46.5	2.65	0.81	0.97	1	44	3.02	0.83	0.99	1	41	3.43	0.86	1	1	38	3.88	0.91	1	1
67°F	1270	47	2.65	0.61	0.73	0.87	44	3.02	0.61	0.76	0.9	41.5	3.43	0.63	0.78	0.93	38	3.88	0.65	0.81	0.97
	1405	48	2.65	0.61	0.76	0.9	45	3.02	0.63	0.78	0.93	42	3.42	0.64	0.81	0.97	38.5	3.88	0.68	0.85	1
	1565	48.5	2.65	0.64	0.79	0.94	45.5	3.01	0.65	0.81	0.97	42.5	3.42	0.67	0.85	1	39	3.87	0.7	0.89	1
71°F	1270	49	2.65	0.46	0.6	0.71	46	3.02	0.46	0.6	0.74	43	3.42	0.48	0.62	0.76	39.5	3.87	0.48	0.64	0.8
	1405	49.5	2.65	0.47	0.6	0.74	46.5	3.01	0.47	0.62	0.77	43.5	3.42	0.49	0.64	0.8	39.5	3.86	0.5	0.67	0.84
	1565	50.5	2.65	0.48	0.62	0.77	47	3.01	0.48	0.64	0.8	44	3.41	0.5	0.66	0.83	40	3.86	0.51	0.7	0.88

XP13-042-230-08 - CX34-43C-6F + SLP98UH110V60C

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	47.5	2.97	37.4	2.78	26.7	2.59	19.8	2.34	9.8	1.72
1405	48	2.89	37.9	2.7	27.2	2.51	20.3	2.26	10.3	1.64
1565	48.7	2.81	38.5	2.63	27.8	2.43	20.9	2.18	10.9	1.56

**XP13-042-230-08 - CX34-43C-6F + SLP98UH110V60C
HEATING PERFORMANCE at 1405 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.89	48
60	2.85	45.7
55	2.8	43.4
50	2.76	41.2
47	2.73	39.8
45	2.7	37.9
40	2.63	33.3
35	2.56	28.6
30	2.53	27.9
25	2.51	27.2
20	2.49	26.5
17	2.47	26
15	2.45	25.1
10	2.41	22.8
5	2.26	20.3
0	2.1	17.8
-5	1.95	15.3
-10	1.79	12.8
-15	1.64	10.3
-20	1.48	7.8

XP13-042-230-08 - CX34-50/60C-6F

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
63°F	1225	44.5	2.65	0.75	0.89	1	42	3.02	0.77	0.91	1	39.5	3.43	0.8	0.95	1	36.6	3.89	0.82	0.98	1
	1400	45.5	2.65	0.78	0.93	1	43	3.02	0.8	0.96	1	40	3.43	0.83	0.99	1	37.2	3.89	0.86	1	1
	1575	46.5	2.65	0.81	0.96	1	44	3.02	0.83	0.99	1	41	3.43	0.86	1	1	38	3.88	0.9	1	1
67°F	1225	46.5	2.65	0.61	0.73	0.86	44	3.02	0.61	0.75	0.88	41	3.43	0.63	0.78	0.92	37.8	3.88	0.64	0.8	0.96
	1400	47.5	2.65	0.62	0.76	0.9	45	3.02	0.64	0.78	0.93	42	3.43	0.65	0.81	0.97	38.5	3.88	0.68	0.85	1
	1575	48.5	2.65	0.63	0.79	0.94	45.5	3.02	0.65	0.82	0.97	42.5	3.43	0.68	0.85	1	39	3.87	0.69	0.89	1
71°F	1225	48.5	2.65	0.47	0.59	0.71	46	3.02	0.47	0.6	0.73	42.5	3.42	0.48	0.62	0.76	39	3.87	0.49	0.64	0.79
	1400	49.5	2.65	0.48	0.61	0.74	46.5	3.02	0.48	0.61	0.76	43.5	3.42	0.48	0.64	0.8	39.5	3.86	0.5	0.67	0.84
	1575	50.5	2.64	0.48	0.63	0.77	47	3.01	0.48	0.64	0.8	44	3.41	0.5	0.67	0.83	40	3.86	0.51	0.7	0.88

XP13-042-230-08 - CX34-50/60C-6F

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	48	3.05	37.9	2.85	27.2	2.64	20.3	2.38	10	1.76
1400	48.6	2.94	38.5	2.74	27.8	2.54	20.9	2.27	10.6	1.65
1575	49.1	2.85	39	2.65	28.3	2.45	21.5	2.18	11.1	1.56

XP13-042-230-08 - CX34-50/60C-6F

HEATING PERFORMANCE at 1400 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.94	48.6
60	2.89	46.3
55	2.85	44
50	2.8	41.7
47	2.77	40.4
45	2.74	38.5
40	2.67	33.8
35	2.6	29.1
30	2.57	28.4
25	2.54	27.8
20	2.51	27.1
17	2.49	26.7
15	2.47	25.8
10	2.43	23.5
5	2.27	20.9
0	2.12	18.3
-5	1.96	15.8
-10	1.81	13.2
-15	1.65	10.6
-20	1.5	8

XP13-042-230-08 - CX34-50/60C-6F + SL280UH090V60C

Entering Wet Bulb Temper- ature	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
63°F	1295	45	2.65	0.76	0.9	1	42	3.01	0.78	0.93	1	39.5	3.43	0.8	0.96	1	36.6	3.89	0.83	0.99	1
	1440	45.5	2.65	0.78	0.93	1	43	3.02	0.8	0.96	1	40	3.43	0.83	0.99	1	37.2	3.89	0.86	1	1
	1575	46.5	2.65	0.8	0.96	1	43.5	3.02	0.83	0.99	1	40.5	3.43	0.86	1	1	38	3.88	0.9	1	1
67°F	1295	47	2.65	0.61	0.73	0.86	44	3.02	0.61	0.76	0.9	41	3.43	0.63	0.78	0.93	38	3.88	0.65	0.81	0.97
	1440	47.5	2.65	0.62	0.76	0.9	45	3.02	0.63	0.78	0.93	42	3.43	0.65	0.81	0.97	38.5	3.88	0.67	0.85	1
	1575	48.5	2.65	0.62	0.78	0.93	45.5	3.02	0.64	0.81	0.96	42	3.42	0.67	0.84	1	39	3.88	0.69	0.88	1
71°F	1295	49	2.65	0.46	0.6	0.71	46	3.02	0.47	0.6	0.73	43	3.43	0.47	0.61	0.76	39.5	3.87	0.49	0.64	0.8
	1440	49.5	2.65	0.47	0.61	0.74	46.5	3.01	0.47	0.61	0.76	43.5	3.42	0.48	0.64	0.8	39.5	3.85	0.5	0.67	0.84
	1575	50.5	2.65	0.47	0.62	0.76	47	3.01	0.48	0.64	0.79	43.5	3.41	0.49	0.67	0.82	40	3.86	0.51	0.69	0.87

XP13-042-230-08 - CX34-50/60C-6F + SL280UH090V60C

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	47.6	2.98	37.5	2.79	26.7	2.59	19.9	2.33	9.8	1.72
1440	48.1	2.9	38	2.71	27.3	2.51	20.4	2.25	10.4	1.63
1575	48.6	2.83	38.5	2.64	27.7	2.44	20.9	2.18	10.8	1.56

**XP13-042-230-08 - CX34-50/60C-6F + SL280UH090V60C
HEATING PERFORMANCE at 1440 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.9	48.1
60	2.85	45.8
55	2.81	43.5
50	2.76	41.2
47	2.73	39.9
45	2.71	38
40	2.63	33.4
35	2.56	28.7
30	2.53	28
25	2.51	27.3
20	2.48	26.6
17	2.46	26.1
15	2.44	25.2
10	2.4	22.9
5	2.25	20.4
0	2.09	17.9
-5	1.94	15.4
-10	1.79	12.9
-15	1.63	10.4
-20	1.48	7.8

XP13-042-230-08 - CX34-50/60C-6F + SL280UH110V60C

Entering Wet Bulb Temper- ature	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
63°F	1260	44.5	2.65	0.75	0.89	1	42	3.02	0.77	0.92	1	39.5	3.43	0.8	0.95	1	36.6	3.89	0.83	0.99	1
	1395	45.5	2.65	0.78	0.92	1	43	3.02	0.8	0.95	1	40	3.43	0.82	0.98	1	37	3.88	0.86	1	1
	1560	46.5	2.65	0.8	0.96	1	43.5	3.02	0.83	0.99	1	40.5	3.43	0.85	1	1	37.8	3.88	0.89	1	1
67°F	1260	46.5	2.65	0.61	0.73	0.86	44	3.02	0.61	0.75	0.89	41	3.43	0.63	0.77	0.92	37.8	3.88	0.64	0.8	0.96
	1395	47.5	2.65	0.61	0.75	0.89	44.5	3.02	0.63	0.78	0.92	41.5	3.43	0.64	0.8	0.96	38.5	3.87	0.67	0.84	1
	1560	48.5	2.65	0.62	0.78	0.93	45.5	3.02	0.64	0.81	0.96	42	3.42	0.67	0.84	1	39	3.87	0.69	0.88	1
71°F	1260	49	2.65	0.46	0.59	0.71	46	3.02	0.47	0.6	0.73	42.5	3.42	0.47	0.62	0.76	39.5	3.87	0.48	0.64	0.79
	1395	49.5	2.65	0.47	0.6	0.73	46.5	3.01	0.47	0.61	0.76	43	3.42	0.48	0.63	0.79	39.5	3.86	0.49	0.66	0.83
	1560	50	2.64	0.47	0.62	0.76	47	3.01	0.48	0.64	0.79	43.5	3.41	0.49	0.66	0.82	40	3.86	0.51	0.69	0.87

XP13-042-230-08 - CX34-50/60C-6F + SL280UH110V60C

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	47.5	3.02	37.4	2.82	26.7	2.62	19.9	2.35	9.9	1.74
1395	48	2.92	37.9	2.73	27.2	2.53	20.4	2.26	10.3	1.64
1560	48.5	2.84	38.4	2.64	27.7	2.44	20.9	2.17	10.9	1.55

**XP13-042-230-08 - CX34-50/60C-6F + SL280UH110V60C
HEATING PERFORMANCE at 1395 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.92	48
60	2.88	45.7
55	2.83	43.4
50	2.78	41.1
47	2.76	39.7
45	2.73	37.9
40	2.66	33.2
35	2.59	28.6
30	2.56	27.9
25	2.53	27.2
20	2.5	26.5
17	2.48	26.1
15	2.46	25.2
10	2.41	22.9
5	2.26	20.4
0	2.1	17.9
-5	1.95	15.3
-10	1.8	12.8
-15	1.64	10.3
-20	1.49	7.8

XP13-042-230-08 - CX34-50/60C-6F + SLP98UH090V36C

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
63°F	1210	44	2.65	0.75	0.88	1	41.5	3.02	0.76	0.91	1	39	3.43	0.79	0.94	1	36.2	3.89	0.81	0.97	1
	1360	45	2.65	0.77	0.91	1	42.5	3.02	0.79	0.94	1	40	3.43	0.82	0.98	1	37	3.89	0.85	1	1
	1360	45	2.65	0.77	0.91	1	42.5	3.02	0.79	0.94	1	40	3.43	0.82	0.98	1	37	3.89	0.85	1	1
67°F	1210	46.5	2.65	0.6	0.72	0.85	43.5	3.02	0.61	0.74	0.87	41	3.43	0.62	0.77	0.91	37.8	3.89	0.64	0.8	0.95
	1360	47	2.65	0.61	0.75	0.88	44.5	3.02	0.63	0.77	0.92	41.5	3.43	0.64	0.79	0.95	38.5	3.88	0.66	0.83	0.99
	1360	47	2.65	0.61	0.75	0.88	44.5	3.02	0.63	0.77	0.92	41.5	3.43	0.64	0.79	0.95	38.5	3.88	0.66	0.83	0.99
71°F	1210	48.5	2.65	0.46	0.58	0.71	45.5	3.01	0.46	0.61	0.72	42.5	3.42	0.47	0.61	0.75	39	3.87	0.48	0.63	0.78
	1360	49.5	2.65	0.47	0.6	0.73	46.5	3.02	0.47	0.62	0.75	43	3.42	0.48	0.63	0.78	39.5	3.86	0.49	0.66	0.82
	1360	49.5	2.65	0.47	0.6	0.73	46.5	3.02	0.47	0.62	0.75	43	3.42	0.48	0.63	0.78	39.5	3.86	0.49	0.66	0.82

XP13-042-230-08 - CX34-50/60C-6F + SLP98UH090V36C

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
	1210	47.4	3.05	37.3	2.85	26.6	2.64	19.8	2.36	9.8
1360	48	2.96	37.9	2.76	27.2	2.54	20.4	2.27	10.4	1.65
1360	48	2.96	37.9	2.76	27.2	2.54	20.4	2.27	10.4	1.65

**XP13-042-230-08 - CX34-50/60C-6F + SLP98UH090V36C
HEATING PERFORMANCE at 1360 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.96	48
60	2.91	45.7
55	2.86	43.4
50	2.82	41.2
47	2.79	39.8
45	2.76	37.9
40	2.68	33.3
35	2.61	28.6
30	2.57	27.9
25	2.54	27.2
20	2.51	26.6
17	2.49	26.1
15	2.47	25.2
10	2.43	23
5	2.27	20.4
0	2.12	17.9
-5	1.96	15.4
-10	1.81	12.9
-15	1.65	10.4
-20	1.5	7.8

XP13-042-230-08 - CX34-50/60C-6F + SLP98UH090V48C

Entering Wet Bulb Temper- ature	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
63°F	1265	44.5	2.65	0.75	0.89	1	42	3.02	0.77	0.92	1	39.5	3.43	0.8	0.95	1	36.6	3.89	0.82	0.99	1
	1375	45.5	2.65	0.77	0.92	1	42.5	3.02	0.79	0.95	1	40	3.43	0.82	0.98	1	37	3.88	0.85	1	1
	1580	46.5	2.65	0.81	0.96	1	43.5	3.02	0.83	0.99	1	41	3.43	0.86	1	1	38	3.88	0.9	1	1
67°F	1265	46.5	2.65	0.61	0.73	0.86	44	3.02	0.61	0.75	0.89	41	3.43	0.63	0.77	0.92	37.8	3.88	0.64	0.8	0.97
	1375	47.5	2.65	0.61	0.75	0.89	44.5	3.02	0.63	0.77	0.92	41.5	3.43	0.64	0.8	0.95	38.5	3.88	0.66	0.84	1
	1580	48.5	2.65	0.62	0.79	0.93	45.5	3.02	0.64	0.81	0.97	42.5	3.43	0.67	0.84	1	39	3.88	0.69	0.89	1
71°F	1265	49	2.65	0.46	0.59	0.71	46	3.02	0.47	0.6	0.73	43	3.42	0.47	0.62	0.76	39.5	3.87	0.48	0.64	0.79
	1375	49.5	2.65	0.47	0.6	0.73	46.5	3.01	0.47	0.62	0.75	43	3.42	0.48	0.63	0.78	39.5	3.86	0.49	0.66	0.82
	1580	50.5	2.65	0.48	0.63	0.76	47	3.01	0.48	0.64	0.79	44	3.41	0.5	0.67	0.83	40	3.86	0.51	0.69	0.88

XP13-042-230-08 - CX34-50/60C-6F + SLP98UH090V48C

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
1265	47.5	3.01	37.5	2.81	26.8	2.61	20	2.35	9.9	1.72
1375	47.9	2.93	37.9	2.74	27.2	2.53	20.4	2.27	10.3	1.65
1580	48.7	2.83	38.7	2.64	28	2.43	21.2	2.17	11.1	1.55

**XP13-042-230-08 - CX34-50/60C-6F + SLP98UH090V48C
HEATING PERFORMANCE at 1375 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.93	47.9
60	2.89	45.6
55	2.84	43.4
50	2.8	41.1
47	2.77	39.7
45	2.74	37.9
40	2.66	33.2
35	2.59	28.6
30	2.56	27.9
25	2.53	27.2
20	2.51	26.5
17	2.49	26.1
15	2.47	25.2
10	2.43	22.9
5	2.27	20.4
0	2.12	17.9
-5	1.96	15.4
-10	1.81	12.8
-15	1.65	10.3
-20	1.5	7.8

XP13-042-230-08 - CX34-50/60C-6F + SLP98UH090V60C

Entering Wet Bulb Temper- ature	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
63°F	1320	45	2.65	0.76	0.9	1	42.5	3.01	0.78	0.93	1	39.5	3.43	0.81	0.97	1	36.8	3.9	0.84	1	1
	1460	46	2.65	0.79	0.94	1	43	3.02	0.81	0.97	1	40.5	3.43	0.84	1	1	37.4	3.89	0.87	1	1
	1590	46.5	2.65	0.81	0.96	1	44	3.02	0.83	0.99	1	41	3.43	0.86	1	1	38	3.88	0.9	1	1
67°F	1320	47	2.65	0.61	0.74	0.87	44.5	3.02	0.62	0.76	0.9	41.5	3.43	0.63	0.78	0.94	38	3.88	0.65	0.82	0.98
	1460	48	2.65	0.61	0.77	0.91	45	3.02	0.63	0.79	0.94	42	3.42	0.65	0.82	0.98	38.5	3.88	0.68	0.86	1
	1590	48.5	2.65	0.63	0.79	0.94	45.5	3.02	0.65	0.81	0.97	42.5	3.43	0.67	0.84	1	39	3.87	0.69	0.89	1
71°F	1320	49	2.65	0.46	0.61	0.72	46	3.01	0.47	0.6	0.73	43	3.42	0.48	0.62	0.77	39.5	3.87	0.48	0.65	0.81
	1460	50	2.65	0.47	0.61	0.75	46.5	3.01	0.47	0.63	0.77	43.5	3.42	0.48	0.65	0.8	40	3.86	0.5	0.67	0.84
	1590	50.5	2.64	0.48	0.63	0.77	47	3.01	0.48	0.64	0.8	44	3.41	0.5	0.67	0.83	40	3.86	0.51	0.69	0.88

XP13-042-230-08 - CX34-50/60C-6F + SLP98UH090V60C

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	47.8	2.97	37.7	2.77	26.9	2.58	20	2.32	9.9	1.7
1460	48.4	2.89	38.2	2.7	27.5	2.5	20.6	2.24	10.4	1.63
1590	48.7	2.84	38.6	2.65	27.8	2.45	20.9	2.19	10.8	1.58

**XP13-042-230-08 - CX34-50/60C-6F + SLP98UH090V60C
HEATING PERFORMANCE at 1460 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.89	48.4
60	2.85	46.1
55	2.8	43.8
50	2.76	41.5
47	2.73	40.1
45	2.7	38.2
40	2.63	33.5
35	2.55	28.9
30	2.53	28.2
25	2.5	27.5
20	2.47	26.7
17	2.46	26.3
15	2.44	25.4
10	2.4	23.1
5	2.24	20.6
0	2.09	18
-5	1.94	15.5
-10	1.78	13
-15	1.63	10.4
-20	1.48	7.9

XP13-042-230-08 - CX34-50/60C-6F + SLP98UH110V60C

Entering Wet Bulb Temper- ature	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
63°F	1270	44.5	2.65	0.75	0.89	1	42	3.02	0.78	0.92	1	39.5	3.43	0.8	0.95	1	36.6	3.89	0.82	0.99	1
	1405	45.5	2.65	0.78	0.92	1	43	3.02	0.8	0.95	1	40	3.43	0.82	0.99	1	37.2	3.89	0.86	1	1
	1565	46.5	2.65	0.8	0.96	1	43.5	3.02	0.83	0.99	1	40.5	3.43	0.86	1	1	38	3.88	0.9	1	1
67°F	1270	46.5	2.65	0.61	0.73	0.86	44	3.02	0.61	0.75	0.89	41	3.43	0.63	0.77	0.93	37.8	3.88	0.64	0.8	0.97
	1405	47.5	2.65	0.62	0.76	0.89	44.5	3.02	0.63	0.78	0.93	41.5	3.43	0.64	0.8	0.96	38.5	3.88	0.67	0.84	1
	1565	48.5	2.65	0.62	0.78	0.93	45.5	3.02	0.64	0.81	0.96	42	3.42	0.67	0.84	1	39	3.87	0.69	0.88	1
71°F	1270	49	2.65	0.46	0.59	0.71	46	3.02	0.47	0.6	0.73	42.5	3.42	0.47	0.61	0.76	39.5	3.87	0.48	0.64	0.79
	1405	49.5	2.65	0.47	0.6	0.73	46.5	3.02	0.47	0.62	0.76	43	3.42	0.48	0.63	0.79	39.5	3.86	0.5	0.67	0.83
	1565	50.5	2.65	0.47	0.62	0.76	47	3.01	0.48	0.64	0.79	43.5	3.41	0.49	0.67	0.82	40	3.86	0.51	0.69	0.87

XP13-042-230-08 - CX34-50/60C-6F + SLP98UH110V60C

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	47.6	3	37.5	2.82	26.7	2.62	19.8	2.36	9.8	1.74
1405	48.2	2.9	38	2.72	27.3	2.53	20.4	2.26	10.3	1.64
1565	48.7	2.83	38.6	2.64	27.8	2.45	20.9	2.19	10.9	1.57

**XP13-042-230-08 - CX34-50/60C-6F + SLP98UH110V60C
HEATING PERFORMANCE at 1405 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	2.9	48.2
60	2.86	45.9
55	2.82	43.6
50	2.77	41.3
47	2.75	39.9
45	2.72	38
40	2.65	33.4
35	2.58	28.7
30	2.55	28
25	2.53	27.3
20	2.5	26.5
17	2.48	26.1
15	2.46	25.2
10	2.42	22.9
5	2.26	20.4
0	2.11	17.9
-5	1.95	15.3
-10	1.8	12.8
-15	1.64	10.3
-20	1.49	7.8

XP13-048-230-08 - CBX26UH-048

Entering Wet Bulb Temper- ature	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
63°F	1600	49.5	3.03	0.78	0.93	1	47.5	3.44	0.79	0.95	1	45	3.94	0.82	0.98	1	40	4.57	0.87	1	1
	1600	49.5	3.03	0.78	0.93	1	47.5	3.44	0.79	0.95	1	45	3.94	0.82	0.98	1	40	4.57	0.87	1	1
	1770	50.5	3.03	0.8	0.97	1	48.5	3.43	0.82	0.99	1	46	3.94	0.85	1	1	41	4.59	0.9	1	1
67°F	1600	53	3.03	0.61	0.75	0.9	50.5	3.44	0.62	0.77	0.92	48	3.94	0.63	0.79	0.95	42	4.56	0.66	0.84	1
	1600	53	3.03	0.61	0.75	0.9	50.5	3.44	0.62	0.77	0.92	48	3.94	0.63	0.79	0.95	42	4.56	0.66	0.84	1
	1770	54	3.03	0.62	0.78	0.93	51.5	3.43	0.63	0.8	0.96	48.5	3.94	0.65	0.82	0.99	43	4.55	0.68	0.88	1
71°F	1600	56	3.02	0.45	0.59	0.73	53.5	3.44	0.46	0.6	0.74	50.5	3.94	0.46	0.62	0.77	44.5	4.57	0.48	0.65	0.82
	1600	56	3.02	0.45	0.59	0.73	53.5	3.44	0.46	0.6	0.74	50.5	3.94	0.46	0.62	0.77	44.5	4.57	0.48	0.65	0.82
	1770	57	3.02	0.46	0.61	0.75	54.5	3.44	0.46	0.62	0.77	51	3.94	0.47	0.64	0.8	45.5	4.54	0.49	0.67	0.86

XP13-048-230-08 - CBX26UH-048

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
1600	54.1	3.35	42.8	3.09	30.8	2.82	23.4	2.52	11.9	1.84
1600	54.1	3.35	42.8	3.09	30.8	2.82	23.4	2.52	11.9	1.84
1770	54.4	3.27	43.2	3.01	31.2	2.73	23.8	2.44	12.2	1.75

XP13-048-230-08 - CBX26UH-048

HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.35	54.1
60	3.29	51.5
55	3.23	49
50	3.17	46.5
47	3.14	45
45	3.09	42.8
40	2.98	37.4
35	2.87	31.9
30	2.85	31.3
25	2.82	30.8
20	2.79	30.2
17	2.78	29.9
15	2.75	28.9
10	2.69	26.3
5	2.52	23.4
0	2.35	20.5
-5	2.18	17.7
-10	2.01	14.8
-15	1.84	11.9
-20	1.67	9

XP13-048-230-08 - CBX27UH-048

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
63°F	1380	47.5	2.97	0.75	0.9	1	45.5	3.36	0.77	0.92	1	43	3.82	0.78	0.94	1	39	4.41	0.82	0.99	1
	1600	49	2.97	0.79	0.94	1	46.5	3.36	0.8	0.97	1	44.5	3.84	0.82	0.99	1	40.5	4.41	0.87	1	1
	1815	50	2.98	0.82	0.98	1	48	3.37	0.84	1	1	45.5	3.83	0.86	1	1	41.5	4.43	0.91	1	1
67°F	1380	50	2.97	0.59	0.73	0.86	48	3.37	0.6	0.74	0.88	45.5	3.83	0.61	0.76	0.91	41.5	4.42	0.63	0.8	0.96
	1600	52	2.98	0.61	0.76	0.91	49.5	3.38	0.62	0.78	0.93	47	3.84	0.64	0.8	0.96	42	4.42	0.66	0.85	1
	1815	53	2.98	0.63	0.8	0.95	50.5	3.38	0.64	0.82	0.98	48	3.85	0.66	0.84	1	43	4.42	0.69	0.89	1
71°F	1380	53	2.98	0.45	0.58	0.7	51	3.38	0.45	0.59	0.72	48	3.85	0.45	0.6	0.74	43.5	4.42	0.46	0.62	0.78
	1600	55	2.98	0.45	0.6	0.74	52.5	3.38	0.46	0.61	0.76	49.5	3.85	0.46	0.62	0.78	44.5	4.42	0.48	0.65	0.83
	1815	56	2.98	0.46	0.62	0.77	53.5	3.38	0.47	0.63	0.79	50.5	3.86	0.48	0.65	0.82	45	4.43	0.49	0.68	0.87

XP13-048-230-08 - CBX27UH-048

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
1380	52.7	3.25	41.8	3.05	30	2.83	22.9	2.6	11.1	1.92
1600	53.5	3.11	42.6	2.91	30.9	2.7	23.7	2.47	12	1.79
1815	54	3.01	43.1	2.82	31.4	2.6	24.2	2.37	12.5	1.69

XP13-048-230-08 - CBX27UH-048

HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.11	53.5
60	3.07	51.1
55	3.03	48.7
50	2.99	46.2
47	2.96	44.8
45	2.91	42.6
40	2.8	37.2
35	2.69	31.9
30	2.69	31.4
25	2.7	30.9
20	2.7	30.4
17	2.7	30.1
15	2.68	29.1
10	2.64	26.7
5	2.47	23.7
0	2.3	20.8
-5	2.13	17.9
-10	1.96	14.9
-15	1.79	12
-20	1.62	9

XP13-048-230-08 - CBX27UH-060

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
63°F	1270	47.5	3.01	0.74	0.87	0.98	46	3.41	0.75	0.88	1	43.5	3.9	0.76	0.91	1	39	4.52	0.8	0.96	1
	1675	50.5	3.01	0.79	0.95	1	49	3.41	0.81	0.97	1	46.5	3.89	0.83	0.99	1	42	4.5	0.89	1	1
	1840	52	3.01	0.82	0.98	1	50	3.41	0.84	0.99	1	47.5	3.9	0.86	1	1	43	4.51	0.92	1	1
67°F	1270	50	3.01	0.58	0.71	0.83	48.5	3.41	0.59	0.72	0.85	46	3.9	0.6	0.74	0.87	41	4.51	0.62	0.78	0.93
	1675	53.5	3.01	0.62	0.77	0.92	51	3.41	0.63	0.79	0.94	48.5	3.9	0.65	0.81	0.97	43	4.52	0.68	0.86	1
	1840	54.5	3.01	0.64	0.8	0.95	52	3.41	0.65	0.81	0.97	49.5	3.9	0.66	0.84	1	44	4.51	0.7	0.9	1
71°F	1270	53	3	0.44	0.57	0.69	51	3.41	0.44	0.57	0.7	48.5	3.89	0.45	0.58	0.71	43.5	4.5	0.46	0.61	0.75
	1675	56	3.01	0.46	0.61	0.75	53.5	3.41	0.46	0.62	0.77	50.5	3.9	0.47	0.63	0.79	45	4.52	0.49	0.67	0.84
	1840	57	3.01	0.47	0.62	0.77	54.5	3.41	0.47	0.64	0.79	51.5	3.9	0.48	0.65	0.82	46	4.51	0.5	0.69	0.88

XP13-048-230-08 - CBX27UH-060

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	51.6	3.21	40.9	3.05	29.4	2.88	22.5	2.69	10.7	2.01
1675	52.9	2.97	42.1	2.82	30.7	2.64	23.7	2.45	11.9	1.77
1840	53.6	2.9	42.9	2.75	31.4	2.58	24.4	2.38	12.6	1.7

XP13-048-230-08 - CBX27UH-060

HEATING PERFORMANCE at 1675 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	2.97	52.9
60	2.94	50.5
55	2.91	48.1
50	2.87	45.7
47	2.86	44.3
45	2.82	42.1
40	2.72	36.8
35	2.62	31.5
30	2.63	31.1
25	2.64	30.7
20	2.66	30.2
17	2.66	30
15	2.65	29
10	2.62	26.6
5	2.45	23.7
0	2.28	20.7
-5	2.11	17.8
-10	1.94	14.9
-15	1.77	11.9
-20	1.6	9

XP13-048-230-08 - CBX32M-048

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
63°F	1380	47.5	2.97	0.75	0.9	1	45.5	3.36	0.77	0.92	1	43	3.82	0.78	0.94	1	39	4.41	0.82	0.99	1
	1600	49	2.97	0.79	0.94	1	46.5	3.36	0.8	0.97	1	44.5	3.84	0.82	0.99	1	40.5	4.41	0.87	1	1
	1700	49.5	2.97	0.8	0.96	1	47	3.37	0.82	0.98	1	45	3.84	0.84	1	1	41	4.42	0.89	1	1
67°F	1380	50	2.97	0.59	0.73	0.86	48	3.37	0.6	0.74	0.88	45.5	3.83	0.61	0.76	0.91	41.5	4.42	0.63	0.8	0.96
	1600	52	2.98	0.61	0.76	0.91	49.5	3.38	0.62	0.78	0.93	47	3.84	0.64	0.8	0.96	42	4.42	0.66	0.85	1
	1700	52.5	2.98	0.62	0.78	0.93	50	3.37	0.63	0.8	0.95	47.5	3.85	0.65	0.82	0.98	42.5	4.42	0.67	0.87	1
71°F	1380	53	2.98	0.45	0.58	0.7	51	3.38	0.45	0.59	0.72	48	3.85	0.45	0.6	0.74	43.5	4.42	0.46	0.62	0.78
	1600	55	2.98	0.45	0.6	0.74	52.5	3.38	0.46	0.61	0.76	49.5	3.85	0.46	0.62	0.78	44.5	4.42	0.48	0.65	0.83
	1700	55.5	2.98	0.46	0.61	0.75	53	3.38	0.46	0.62	0.77	50	3.85	0.47	0.64	0.8	45	4.42	0.48	0.67	0.85

XP13-048-230-08 - CBX32M-048

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
1380	53.2	3.25	42.3	3.05	30.5	2.83	23.4	2.6	11.5	1.92
1600	53.7	3.11	42.8	2.91	31.1	2.7	23.9	2.47	12.1	1.79
1700	54.1	3.06	43.2	2.86	31.5	2.65	24.3	2.42	12.4	1.74

XP13-048-230-08 - CBX32M-048

HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.11	53.7
60	3.07	51.3
55	3.03	48.9
50	2.99	46.4
47	2.96	45
45	2.91	42.8
40	2.8	37.4
35	2.69	32
30	2.69	31.6
25	2.7	31.1
20	2.7	30.6
17	2.7	30.3
15	2.68	29.3
10	2.64	26.9
5	2.47	23.9
0	2.3	20.9
-5	2.13	18
-10	1.96	15
-15	1.79	12.1
-20	1.62	9.1

XP13-048-230-08 - CBX32M-060

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
63°F	1630	50	2.99	0.78	0.93	1	48	3.39	0.8	0.95	1	45.5	3.86	0.82	0.98	1	41	4.46	0.86	1	1
	1630	50	2.99	0.78	0.93	1	48	3.39	0.8	0.95	1	45.5	3.86	0.82	0.98	1	41	4.46	0.86	1	1
	1795	51	2.99	0.8	0.96	1	49	3.38	0.82	0.98	1	46.5	3.87	0.84	1	1	42	4.46	0.9	1	1
67°F	1630	53	2.99	0.61	0.76	0.9	51	3.39	0.62	0.77	0.92	48	3.87	0.63	0.79	0.95	43	4.46	0.66	0.84	1
	1630	53	2.99	0.61	0.76	0.9	51	3.39	0.62	0.77	0.92	48	3.87	0.63	0.79	0.95	43	4.46	0.66	0.84	1
	1795	54	2.99	0.62	0.78	0.93	51.5	3.39	0.63	0.8	0.95	49	3.87	0.65	0.82	0.98	43.5	4.47	0.68	0.88	1
71°F	1630	56	3	0.46	0.6	0.73	53.5	3.4	0.46	0.61	0.75	50.5	3.88	0.46	0.62	0.77	45.5	4.46	0.48	0.65	0.82
	1630	56	3	0.46	0.6	0.73	53.5	3.4	0.46	0.61	0.75	50.5	3.88	0.46	0.62	0.77	45.5	4.46	0.48	0.65	0.82
	1795	57	3	0.46	0.61	0.76	54.5	3.4	0.47	0.62	0.78	51.5	3.88	0.47	0.64	0.8	46	4.47	0.49	0.67	0.86

XP13-048-230-08 - CBX32M-060

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
1630	52.6	3.02	42	2.85	30.7	2.66	23.8	2.47	12	1.78
1630	52.6	3.02	42	2.85	30.7	2.66	23.8	2.47	12	1.78
1795	53.2	2.95	42.6	2.78	31.2	2.59	24.3	2.39	12.5	1.71

XP13-048-230-08 - CBX32M-060

HEATING PERFORMANCE at 1630 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.02	52.6
60	2.99	50.3
55	2.95	47.9
50	2.92	45.5
47	2.9	44.1
45	2.85	42
40	2.74	36.8
35	2.64	31.5
30	2.65	31.1
25	2.66	30.7
20	2.68	30.3
17	2.69	30
15	2.67	29.1
10	2.64	26.7
5	2.47	23.8
0	2.29	20.8
-5	2.12	17.9
-10	1.95	14.9
-15	1.78	12
-20	1.61	9

XP13-048-230-08 - CBX32MV-048

Entering Wet Bulb Temper- ature	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
63°F	1425	47.5	2.97	0.76	0.91	1	45.5	3.36	0.77	0.93	1	43.5	3.83	0.79	0.95	1	39	4.42	0.83	0.99	1
	1555	48.5	2.97	0.78	0.94	1	46.5	3.36	0.8	0.96	1	44	3.83	0.82	0.98	1	40	4.41	0.86	1	1
	1805	50	2.97	0.82	0.98	1	48	3.37	0.84	1	1	45.5	3.83	0.86	1	1	41.5	4.42	0.91	1	1
67°F	1425	50.5	2.97	0.6	0.74	0.87	48.5	3.37	0.61	0.75	0.89	46	3.84	0.62	0.77	0.92	41.5	4.42	0.64	0.81	0.97
	1555	51.5	2.98	0.61	0.76	0.9	49.5	3.37	0.62	0.77	0.92	46.5	3.84	0.63	0.79	0.95	42	4.42	0.66	0.84	0.99
	1805	53	2.98	0.63	0.79	0.95	50.5	3.38	0.64	0.81	0.97	48	3.85	0.66	0.84	1	43	4.42	0.69	0.89	1
71°F	1425	53.5	2.98	0.45	0.58	0.71	51	3.38	0.45	0.59	0.73	48.5	3.85	0.46	0.6	0.75	43.5	4.43	0.47	0.63	0.79
	1555	54.5	2.98	0.45	0.59	0.73	52	3.38	0.46	0.6	0.75	49	3.85	0.46	0.62	0.77	44.5	4.43	0.47	0.65	0.81
	1805	56	2.98	0.46	0.62	0.77	53.5	3.38	0.47	0.63	0.79	50.5	3.86	0.47	0.65	0.82	45	4.43	0.49	0.68	0.87

XP13-048-230-08 - CBX32MV-048

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	52.9	3.21	41.9	3.01	30.2	2.79	23	2.55	11.3	1.87
1555	53.4	3.14	42.5	2.94	30.7	2.72	23.6	2.48	11.9	1.8
1805	54.3	3.02	43.4	2.82	31.6	2.6	24.5	2.36	12.8	1.68

XP13-048-230-08 - CBX32MV-048

HEATING PERFORMANCE at 1555 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.14	53.4
60	3.1	51
55	3.05	48.5
50	3.01	46.1
47	2.98	44.6
45	2.94	42.5
40	2.83	37.1
35	2.72	31.8
30	2.72	31.2
25	2.72	30.7
20	2.72	30.2
17	2.72	29.9
15	2.7	28.9
10	2.65	26.5
5	2.48	23.6
0	2.31	20.6
-5	2.14	17.7
-10	1.97	14.8
-15	1.8	11.9
-20	1.63	9

XP13-048-230-08 - CBX32MV-060

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
63°F	1425	48.5	2.98	0.75	0.89	1	47	3.39	0.76	0.91	1	44.5	3.85	0.78	0.94	1	40	4.45	0.82	0.98	1
	1555	49.5	2.98	0.77	0.92	1	47.5	3.39	0.78	0.94	1	45	3.86	0.8	0.96	1	41	4.45	0.85	1	1
	1805	51	2.99	0.81	0.97	1	49	3.39	0.82	0.98	1	46.5	3.87	0.85	1	1	42.5	4.46	0.9	1	1
67°F	1425	51.5	2.99	0.59	0.73	0.86	49.5	3.39	0.6	0.74	0.88	47	3.86	0.61	0.76	0.9	42	4.47	0.63	0.8	0.96
	1555	52.5	2.99	0.6	0.75	0.88	50.5	3.39	0.61	0.76	0.91	48	3.87	0.62	0.78	0.93	43	4.46	0.65	0.83	0.98
	1805	54	2.99	0.62	0.78	0.93	52	3.39	0.64	0.8	0.96	49	3.87	0.65	0.83	0.98	44	4.47	0.68	0.88	1
71°F	1425	54.5	3	0.45	0.58	0.7	52.5	3.39	0.45	0.59	0.72	49.5	3.88	0.46	0.6	0.74	44.5	4.47	0.47	0.62	0.78
	1555	55.5	3	0.45	0.59	0.72	53	3.39	0.46	0.6	0.74	50.5	3.88	0.46	0.61	0.76	45	4.47	0.47	0.64	0.8
	1805	57	3	0.46	0.61	0.76	54.5	3.4	0.47	0.62	0.78	51.5	3.88	0.47	0.64	0.8	46	4.47	0.49	0.67	0.86

XP13-048-230-08 - CBX32MV-060

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	51.6	3.14	41	2.96	29.7	2.77	22.8	2.56	11.3	1.88
1555	52.1	3.06	41.5	2.89	30.2	2.69	23.2	2.49	11.7	1.8
1805	53	2.95	42.5	2.78	31.1	2.58	24.2	2.38	12.7	1.69

XP13-048-230-08 - CBX32MV-060

HEATING PERFORMANCE at 1555 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.06	52.1
60	3.03	49.7
55	2.99	47.3
50	2.95	45
47	2.93	43.6
45	2.89	41.5
40	2.78	36.3
35	2.67	31.1
30	2.68	30.6
25	2.69	30.2
20	2.7	29.7
17	2.71	29.4
15	2.69	28.5
10	2.66	26.1
5	2.49	23.2
0	2.31	20.4
-5	2.14	17.5
-10	1.97	14.6
-15	1.8	11.7
-20	1.63	8.8

XP13-048-230-08 - CBX40UHV-042

Entering Wet Bulb Temper- ature	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
63°F	1400	47.5	2.97	0.76	0.9	1	45.5	3.36	0.77	0.92	1	43.5	3.82	0.79	0.94	1	39	4.41	0.83	0.99	1
	1540	48.5	2.97	0.78	0.93	1	46.5	3.36	0.79	0.95	1	44	3.83	0.81	0.98	1	40	4.41	0.85	1	1
	1760	49.5	2.97	0.81	0.97	1	47.5	3.37	0.83	0.99	1	45	3.83	0.85	1	1	41.5	4.42	0.9	1	1
67°F	1400	50.5	2.97	0.59	0.73	0.87	48.5	3.37	0.6	0.75	0.89	46	3.84	0.61	0.76	0.91	41.5	4.42	0.64	0.8	0.96
	1540	51.5	2.97	0.61	0.75	0.9	49	3.37	0.62	0.77	0.92	46.5	3.83	0.63	0.79	0.95	42	4.42	0.65	0.83	0.99
	1760	53	2.98	0.63	0.79	0.94	50.5	3.37	0.64	0.81	0.97	47.5	3.85	0.65	0.83	0.99	43	4.42	0.68	0.88	1
71°F	1400	53.5	2.98	0.45	0.58	0.71	51	3.38	0.45	0.59	0.72	48	3.85	0.46	0.6	0.74	43.5	4.42	0.47	0.63	0.78
	1540	54.5	2.98	0.45	0.59	0.73	52	3.38	0.46	0.6	0.75	49	3.84	0.46	0.62	0.77	44	4.43	0.47	0.64	0.81
	1760	56	2.99	0.46	0.61	0.76	53	3.38	0.47	0.63	0.78	50	3.86	0.47	0.64	0.81	45	4.43	0.49	0.67	0.86

XP13-048-230-08 - CBX40UHV-042

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	3.24	42.1	3.03	30.3	2.81	23.2	2.58	11.5	1.89
1540	53.5	3.15	42.5	2.94	30.8	2.72	23.6	2.49	11.9	1.81
1760	54.4	3.04	43.4	2.84	31.7	2.61	24.5	2.38	12.8	1.7

XP13-048-230-08 - CBX40UHV-042

HEATING PERFORMANCE at 1540 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.15	53.5
60	3.1	51
55	3.06	48.6
50	3.02	46.1
47	2.99	44.7
45	2.94	42.5
40	2.83	37.2
35	2.72	31.8
30	2.72	31.3
25	2.72	30.8
20	2.72	30.3
17	2.72	30
15	2.7	29
10	2.66	26.6
5	2.49	23.6
0	2.32	20.7
-5	2.15	17.8
-10	1.98	14.8
-15	1.81	11.9
-20	1.63	9

XP13-048-230-08 - CBX40UHV-048

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
63°F	1425	47.5	2.97	0.76	0.91	1	45.5	3.36	0.77	0.93	1	43.5	3.83	0.79	0.95	1	39	4.42	0.83	0.99	1
	1555	48.5	2.97	0.78	0.94	1	46.5	3.36	0.8	0.96	1	44	3.83	0.82	0.98	1	40	4.41	0.86	1	1
	1805	50	2.97	0.82	0.98	1	48	3.37	0.84	1	1	45.5	3.83	0.86	1	1	41.5	4.42	0.91	1	1
67°F	1425	50.5	2.97	0.6	0.74	0.87	48.5	3.37	0.61	0.75	0.89	46	3.84	0.62	0.77	0.92	41.5	4.42	0.64	0.81	0.97
	1555	51.5	2.98	0.61	0.76	0.9	49.5	3.37	0.62	0.77	0.92	46.5	3.84	0.63	0.79	0.95	42	4.42	0.66	0.84	0.99
	1805	53	2.98	0.63	0.79	0.95	50.5	3.38	0.64	0.81	0.97	48	3.85	0.66	0.84	1	43	4.42	0.69	0.89	1
71°F	1425	53.5	2.98	0.45	0.58	0.71	51	3.38	0.45	0.59	0.73	48.5	3.85	0.46	0.6	0.75	43.5	4.43	0.47	0.63	0.79
	1555	54.5	2.98	0.45	0.59	0.73	52	3.38	0.46	0.6	0.75	49	3.85	0.46	0.62	0.77	44.5	4.43	0.47	0.65	0.81
	1805	56	2.98	0.46	0.62	0.77	53.5	3.38	0.47	0.63	0.79	50.5	3.86	0.47	0.65	0.82	45	4.43	0.49	0.68	0.87

XP13-048-230-08 - CBX40UHV-048

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	3.21	42	3.01	30.3	2.79	23.1	2.55	11.5	1.87
1555	53.4	3.14	42.4	2.94	30.7	2.72	23.5	2.48	11.9	1.8
1805	54.3	3.02	43.3	2.82	31.6	2.6	24.4	2.36	12.8	1.68

XP13-048-230-08 - CBX40UHV-048

HEATING PERFORMANCE at 1555 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.14	53.4
60	3.1	50.9
55	3.05	48.5
50	3.01	46
47	2.98	44.6
45	2.94	42.4
40	2.83	37.1
35	2.72	31.7
30	2.72	31.2
25	2.72	30.7
20	2.72	30.2
17	2.72	29.9
15	2.7	28.9
10	2.65	26.4
5	2.48	23.5
0	2.31	20.6
-5	2.14	17.7
-10	1.97	14.8
-15	1.8	11.9
-20	1.63	9

XP13-048-230-08 - CBX40UHV-060

Entering Wet Bulb Temper- ature	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
63°F	1425	49	3.06	0.75	0.89	1	47	3.48	0.76	0.91	1	44.5	3.98	0.78	0.94	1	39	4.63	0.83	0.99	1
	1555	50	3.06	0.77	0.92	1	48	3.47	0.78	0.94	1	45	3.99	0.8	0.97	1	40	4.64	0.86	1	1
	1805	51.5	3.05	0.8	0.96	1	49.5	3.47	0.82	0.98	1	46.5	3.98	0.85	1	1	42	4.62	0.91	1	1
67°F	1425	52	3.05	0.59	0.72	0.86	50	3.48	0.6	0.74	0.87	47	3.97	0.61	0.76	0.9	41.5	4.64	0.64	0.81	0.97
	1555	53	3.05	0.6	0.74	0.88	51	3.47	0.61	0.76	0.9	48	3.99	0.62	0.78	0.93	42	4.64	0.66	0.84	0.99
	1805	54.5	3.04	0.62	0.78	0.93	52	3.47	0.63	0.8	0.95	49	3.98	0.65	0.82	0.98	43	4.63	0.69	0.89	1
71°F	1425	55	3.05	0.45	0.58	0.7	52.5	3.46	0.45	0.58	0.71	49.5	3.98	0.46	0.6	0.74	43.5	4.63	0.47	0.63	0.79
	1555	56	3.05	0.45	0.59	0.72	53.5	3.46	0.46	0.6	0.73	50.5	3.98	0.46	0.61	0.76	44.5	4.61	0.47	0.64	0.81
	1805	57.5	3.04	0.46	0.61	0.76	55	3.46	0.47	0.62	0.77	51.5	3.97	0.47	0.64	0.8	45.5	4.61	0.49	0.68	0.87

XP13-048-230-08 - CBX40UHV-060

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	54.2	3.38	42.6	3.12	30.3	2.84	22.7	2.54	11.4	1.87
1555	54.4	3.3	42.9	3.03	30.5	2.75	22.9	2.46	11.6	1.79
1805	55.3	3.19	43.7	2.92	31.4	2.64	23.7	2.34	12.5	1.68

XP13-048-230-08 - CBX40UHV-060

HEATING PERFORMANCE at 1555 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.3	54.4
60	3.24	51.8
55	3.18	49.2
50	3.12	46.6
47	3.08	45
45	3.03	42.9
40	2.92	37.4
35	2.81	32
30	2.78	31.3
25	2.75	30.5
20	2.73	29.8
17	2.71	29.4
15	2.68	28.3
10	2.62	25.7
5	2.46	22.9
0	2.29	20.1
-5	2.12	17.3
-10	1.96	14.5
-15	1.79	11.6
-20	1.63	8.8

XP13-048-230-08 - CH33-49C-2F

Entering Wet Bulb Temper- ature	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
63°F	1400	48.5	2.96	0.76	0.9	1	46.5	3.35	0.77	0.91	1	44.5	3.82	0.79	0.94	1	40.5	4.39	0.82	0.98	1
	1600	50	2.96	0.79	0.94	1	48	3.35	0.8	0.96	1	46	3.82	0.82	0.98	1	42	4.39	0.86	1	1
	1800	51.5	2.97	0.82	0.98	1	49	3.36	0.83	0.99	1	47	3.83	0.86	1	1	43	4.4	0.9	1	1
67°F	1400	51.5	2.97	0.6	0.73	0.86	49.5	3.36	0.61	0.75	0.88	47	3.83	0.62	0.76	0.9	43	4.39	0.64	0.8	0.95
	1600	53	2.98	0.62	0.76	0.9	51	3.37	0.63	0.78	0.92	48.5	3.84	0.64	0.8	0.95	44	4.4	0.67	0.84	1
	1800	54.5	2.98	0.64	0.8	0.94	52	3.37	0.65	0.81	0.96	49.5	3.84	0.67	0.84	0.99	44.5	4.41	0.7	0.88	1
71°F	1400	54.5	2.98	0.46	0.59	0.71	52.5	3.37	0.47	0.6	0.72	50	3.84	0.47	0.61	0.74	45	4.41	0.48	0.63	0.78
	1600	56	2.98	0.47	0.61	0.74	54	3.38	0.48	0.62	0.76	51	3.85	0.48	0.63	0.78	46	4.41	0.5	0.66	0.82
	1800	57.5	2.99	0.48	0.63	0.77	55	3.38	0.49	0.64	0.79	52	3.85	0.49	0.66	0.81	47	4.42	0.51	0.69	0.86

XP13-048-230-08 - CH33-49C-2F

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	53.2	3.34	42.1	3.14	30.3	2.92	23	2.68	11.4	1.98
1600	53.6	3.21	42.5	3	30.7	2.78	23.4	2.55	11.8	1.85
1800	54.2	3.12	43.1	2.92	31.2	2.69	24	2.46	12.4	1.76

XP13-048-230-08 - CH33-49C-2F

HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.21	53.6
60	3.16	51.1
55	3.12	48.7
50	3.08	46.2
47	3.05	44.7
45	3	42.5
40	2.89	37.2
35	2.78	31.8
30	2.78	31.2
25	2.78	30.7
20	2.78	30.1
17	2.78	29.8
15	2.77	28.8
10	2.72	26.3
5	2.55	23.4
0	2.37	20.5
-5	2.2	17.6
-10	2.02	14.7
-15	1.85	11.8
-20	1.67	8.9

XP13-048-230-08 - CH33-49C-2F + SL280UH090V60C

Entering Wet Bulb Temper- ature	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
63°F	1440	48.5	2.96	0.76	0.9	1	47	3.35	0.77	0.92	1	44.5	3.82	0.79	0.94	1	41	4.38	0.82	0.99	1
	1595	50	2.96	0.78	0.93	1	48	3.36	0.8	0.95	1	45.5	3.82	0.82	0.98	1	41.5	4.39	0.86	1	1
	1815	51.5	2.97	0.82	0.98	1	49	3.36	0.83	0.99	1	47	3.83	0.86	1	1	43	4.4	0.9	1	1
67°F	1440	52	2.97	0.6	0.73	0.86	50	3.36	0.61	0.75	0.88	47.5	3.83	0.62	0.77	0.91	43	4.39	0.64	0.8	0.96
	1595	53	2.97	0.62	0.76	0.9	51	3.37	0.63	0.77	0.92	48.5	3.84	0.64	0.79	0.95	43.5	4.4	0.66	0.84	0.99
	1815	54.5	2.98	0.64	0.8	0.94	52	3.37	0.65	0.81	0.97	49.5	3.84	0.67	0.84	0.99	44.5	4.41	0.7	0.88	1
71°F	1440	54.5	2.98	0.46	0.59	0.71	52.5	3.37	0.46	0.59	0.72	50	3.84	0.47	0.61	0.74	45.5	4.41	0.48	0.63	0.78
	1595	56	2.98	0.47	0.6	0.73	53.5	3.37	0.47	0.61	0.75	51	3.85	0.48	0.63	0.77	46	4.41	0.49	0.65	0.82
	1815	57.5	2.99	0.48	0.63	0.77	55	3.38	0.49	0.64	0.79	52	3.85	0.49	0.66	0.81	47	4.42	0.51	0.69	0.86

XP13-048-230-08 - CH33-49C-2F + SL280UH090V60C

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
1440	52.7	3.3	41.7	3.1	29.9	2.87	22.6	2.64	11.2	1.94
1595	53.2	3.2	42.1	3	30.3	2.78	23	2.54	11.7	1.84
1815	54	3.11	42.9	2.91	31.1	2.68	23.8	2.45	12.5	1.75

**XP13-048-230-08 - CH33-49C-2F + SL280UH090V60C
HEATING PERFORMANCE at 1595 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.2	53.2
60	3.16	50.7
55	3.11	48.2
50	3.07	45.7
47	3.04	44.2
45	3	42.1
40	2.88	36.8
35	2.77	31.4
30	2.77	30.8
25	2.78	30.3
20	2.78	29.7
17	2.78	29.4
15	2.76	28.4
10	2.72	25.9
5	2.54	23
0	2.37	20.2
-5	2.19	17.3
-10	2.02	14.5
-15	1.84	11.7
-20	1.67	8.8

XP13-048-230-08 - CH33-49C-2F + SL280UH110V60C

Entering Wet Bulb Temper- ature	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
63°F	1395	48.5	2.96	0.75	0.89	1	46.5	3.35	0.77	0.91	1	44.5	3.82	0.78	0.93	1	40.5	4.39	0.82	0.98	1
	1560	49.5	2.97	0.78	0.93	1	47.5	3.36	0.79	0.95	1	45.5	3.82	0.81	0.97	1	41.5	4.38	0.85	1	1
	1810	51.5	2.97	0.82	0.98	1	49.5	3.36	0.84	0.99	1	47	3.83	0.86	1	1	43	4.4	0.91	1	1
67°F	1395	51.5	2.97	0.6	0.73	0.86	49.5	3.36	0.61	0.74	0.87	47	3.83	0.62	0.76	0.9	43	4.39	0.64	0.79	0.95
	1560	53	2.97	0.61	0.75	0.89	50.5	3.37	0.63	0.77	0.91	48	3.84	0.64	0.79	0.94	43.5	4.4	0.66	0.83	0.99
	1810	54.5	2.98	0.64	0.8	0.94	52	3.37	0.65	0.81	0.97	49.5	3.84	0.67	0.84	0.99	44.5	4.41	0.7	0.88	1
71°F	1395	54.5	2.98	0.46	0.58	0.7	52	3.37	0.46	0.59	0.72	49.5	3.84	0.47	0.6	0.73	45	4.41	0.48	0.63	0.77
	1560	55.5	2.98	0.47	0.6	0.73	53.5	3.37	0.47	0.61	0.74	50.5	3.85	0.48	0.62	0.77	46	4.42	0.49	0.65	0.81
	1810	57.5	2.99	0.48	0.63	0.77	55	3.38	0.49	0.64	0.79	52	3.85	0.49	0.66	0.81	47	4.42	0.51	0.69	0.86

XP13-048-230-08 - CH33-49C-2F + SL280UH110V60C

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	52.8	3.34	41.7	3.13	29.8	2.9	22.6	2.67	11.2	1.96
1560	53.2	3.23	42.1	3.02	30.2	2.79	23	2.55	11.6	1.85
1810	54.1	3.12	43.1	2.91	31.2	2.68	23.9	2.45	12.6	1.74

**XP13-048-230-08 - CH33-49C-2F + SL280UH110V60C
HEATING PERFORMANCE at 1560 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.23	53.2
60	3.18	50.7
55	3.14	48.2
50	3.09	45.7
47	3.07	44.2
45	3.02	42.1
40	2.9	36.7
35	2.79	31.4
30	2.79	30.8
25	2.79	30.2
20	2.79	29.6
17	2.79	29.3
15	2.78	28.3
10	2.73	25.8
5	2.55	23
0	2.38	20.1
-5	2.2	17.3
-10	2.03	14.5
-15	1.85	11.6
-20	1.68	8.8

XP13-048-230-08 - CH33-49C-2F + SLP98UH090V48C

Entering Wet Bulb Temper- ature	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
63°F	1375	48.5	2.96	0.75	0.89	1	46.5	3.35	0.76	0.91	1	44.5	3.81	0.78	0.93	1	40.5	4.39	0.81	0.97	1
	1580	50	2.96	0.78	0.93	1	48	3.36	0.8	0.95	1	45.5	3.82	0.82	0.97	1	41.5	4.39	0.86	1	1
	1770	51	2.97	0.82	0.97	1	49	3.36	0.83	0.99	1	46.5	3.83	0.85	1	1	43	4.39	0.9	1	1
67°F	1375	51.5	2.97	0.6	0.73	0.85	49.5	3.36	0.6	0.74	0.87	47	3.83	0.62	0.76	0.89	43	4.39	0.64	0.79	0.94
	1580	53	2.97	0.62	0.76	0.89	51	3.37	0.63	0.77	0.92	48	3.84	0.64	0.79	0.94	43.5	4.4	0.66	0.83	0.99
	1770	54	2.98	0.64	0.79	0.94	52	3.37	0.65	0.81	0.96	49	3.84	0.66	0.83	0.99	44.5	4.41	0.69	0.88	1
71°F	1375	54	2.98	0.46	0.58	0.7	52	3.37	0.46	0.59	0.71	49.5	3.84	0.47	0.6	0.73	45	4.41	0.48	0.62	0.77
	1580	56	2.98	0.47	0.6	0.73	53.5	3.37	0.47	0.61	0.75	51	3.85	0.48	0.63	0.77	46	4.41	0.49	0.65	0.81
	1770	57	2.98	0.48	0.62	0.76	55	3.38	0.49	0.64	0.78	52	3.85	0.49	0.65	0.81	47	4.42	0.51	0.68	0.86

XP13-048-230-08 - CH33-49C-2F + SLP98UH090V48C

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	52.7	3.35	41.7	3.15	29.9	2.92	22.6	2.68	11.2	1.98
1580	53.3	3.22	42.2	3.01	30.4	2.78	23.2	2.55	11.7	1.85
1770	54.1	3.14	43	2.93	31.2	2.7	24	2.47	12.5	1.77

**XP13-048-230-08 - CH33-49C-2F + SLP98UH090V48C
HEATING PERFORMANCE at 1580 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.22	53.3
60	3.17	50.8
55	3.13	48.3
50	3.08	45.9
47	3.05	44.4
45	3.01	42.2
40	2.9	36.9
35	2.78	31.6
30	2.78	31
25	2.78	30.4
20	2.79	29.9
17	2.79	29.5
15	2.77	28.5
10	2.72	26
5	2.55	23.2
0	2.37	20.3
-5	2.2	17.4
-10	2.02	14.6
-15	1.85	11.7
-20	1.67	8.9

XP13-048-230-08 - CH33-49C-2F + SLP98UH090V60C

Entering Wet Bulb Temper- ature	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
63°F	1460	49	2.96	0.76	0.91	1	47	3.35	0.78	0.93	1	45	3.82	0.79	0.95	1	41	4.38	0.83	0.99	1
	1590	50	2.96	0.79	0.93	1	48	3.36	0.8	0.95	1	45.5	3.82	0.82	0.98	1	41.5	4.39	0.86	1	1
	1815	51.5	2.97	0.82	0.98	1	49.5	3.36	0.84	1	1	47	3.83	0.86	1	1	43	4.4	0.91	1	1
67°F	1460	52	2.97	0.61	0.74	0.87	50	3.36	0.61	0.75	0.89	47.5	3.83	0.62	0.77	0.91	43	4.4	0.65	0.81	0.96
	1590	53	2.97	0.62	0.76	0.9	51	3.37	0.63	0.78	0.92	48.5	3.84	0.64	0.79	0.95	43.5	4.4	0.67	0.84	1
	1815	54.5	2.98	0.65	0.8	0.95	52	3.37	0.65	0.82	0.97	49.5	3.84	0.67	0.84	0.99	44.5	4.41	0.7	0.89	1
71°F	1460	55	2.98	0.46	0.59	0.71	52.5	3.37	0.47	0.6	0.73	50	3.84	0.47	0.61	0.75	45.5	4.41	0.48	0.64	0.79
	1590	56	2.98	0.47	0.6	0.73	53.5	3.37	0.48	0.61	0.75	51	3.85	0.48	0.63	0.77	46	4.41	0.49	0.66	0.82
	1815	57.5	2.99	0.49	0.63	0.77	55	3.38	0.49	0.65	0.79	52	3.85	0.5	0.66	0.82	47	4.42	0.51	0.69	0.87

XP13-048-230-08 - CH33-49C-2F + SLP98UH090V60C

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
1460	52.9	3.29	41.9	3.09	30.1	2.86	22.8	2.63	11.4	1.93
1590	53.3	3.21	42.3	3	30.5	2.78	23.2	2.55	11.7	1.85
1815	54.3	3.12	43.2	2.91	31.4	2.69	24.2	2.45	12.7	1.75

**XP13-048-230-08 - CH33-49C-2F + SLP98UH090V60C
HEATING PERFORMANCE at 1590 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.21	53.3
60	3.16	50.9
55	3.12	48.4
50	3.08	45.9
47	3.05	44.4
45	3	42.3
40	2.89	36.9
35	2.78	31.6
30	2.78	31
25	2.78	30.5
20	2.78	29.9
17	2.78	29.6
15	2.76	28.6
10	2.72	26.1
5	2.55	23.2
0	2.37	20.4
-5	2.2	17.5
-10	2.02	14.6
-15	1.85	11.7
-20	1.67	8.9

XP13-048-230-08 - CH33-49C-2F + SLP98UH110V60C

Entering Wet Bulb Temper- ature	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
63°F	1405	48.5	2.96	0.76	0.89	1	46.5	3.35	0.77	0.91	1	44.5	3.82	0.78	0.93	1	40.5	4.39	0.82	0.98	1
	1610	50	2.96	0.79	0.94	1	48	3.35	0.8	0.96	1	46	3.82	0.82	0.98	1	42	4.39	0.86	1	1
	1775	51	2.97	0.82	0.97	1	49	3.36	0.83	0.99	1	46.5	3.83	0.85	1	1	43	4.39	0.9	1	1
67°F	1405	51.5	2.97	0.6	0.73	0.86	49.5	3.36	0.61	0.74	0.88	47	3.83	0.62	0.76	0.9	43	4.39	0.64	0.8	0.95
	1610	53	2.98	0.62	0.76	0.9	51	3.37	0.63	0.78	0.92	48.5	3.84	0.64	0.8	0.95	44	4.4	0.67	0.84	1
	1775	54	2.98	0.64	0.79	0.94	52	3.37	0.65	0.81	0.96	49	3.84	0.66	0.83	0.99	44.5	4.41	0.69	0.88	1
71°F	1405	54.5	2.98	0.46	0.58	0.71	52.5	3.37	0.46	0.59	0.72	49.5	3.84	0.47	0.6	0.74	45	4.41	0.48	0.63	0.77
	1610	56	2.98	0.47	0.6	0.74	54	3.38	0.48	0.62	0.75	51	3.85	0.48	0.63	0.78	46	4.41	0.49	0.66	0.82
	1775	57.5	2.98	0.48	0.62	0.77	55	3.38	0.49	0.64	0.79	52	3.85	0.49	0.65	0.81	47	4.42	0.51	0.68	0.86

XP13-048-230-08 - CH33-49C-2F + SLP98UH110V60C

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	52.8	3.33	41.7	3.12	29.9	2.9	22.6	2.66	11.2	1.96
1610	53.4	3.21	42.3	3	30.5	2.77	23.2	2.54	11.7	1.84
1775	54.1	3.13	43	2.92	31.2	2.7	23.9	2.46	12.4	1.76

**XP13-048-230-08 - CH33-49C-2F + SLP98UH110V60C
HEATING PERFORMANCE at 1610 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.21	53.4
60	3.16	50.9
55	3.12	48.4
50	3.07	46
47	3.04	44.5
45	3	42.3
40	2.88	37
35	2.77	31.6
30	2.77	31
25	2.77	30.5
20	2.77	29.9
17	2.77	29.6
15	2.76	28.6
10	2.71	26.1
5	2.54	23.2
0	2.36	20.4
-5	2.19	17.5
-10	2.01	14.6
-15	1.84	11.7
-20	1.66	8.9

XP13-048-230-08 - CH33-50/60C-2F

Entering Wet Bulb Temper- ature	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
63°F	1400	48.5	2.96	0.76	0.89	1	46.5	3.35	0.77	0.91	1	44.5	3.81	0.78	0.93	1	40.5	4.38	0.82	0.98	1
	1600	49.5	2.97	0.78	0.93	1	48	3.36	0.8	0.95	1	45.5	3.82	0.82	0.97	1	41.5	4.39	0.86	1	1
	1800	51	2.97	0.81	0.97	1	49	3.36	0.83	0.99	1	46.5	3.83	0.85	1	1	43	4.39	0.89	1	1
67°F	1400	51.5	2.97	0.6	0.73	0.86	49.5	3.36	0.61	0.74	0.87	47	3.83	0.62	0.76	0.9	43	4.39	0.64	0.79	0.94
	1600	53	2.97	0.62	0.76	0.89	50.5	3.37	0.63	0.77	0.92	48	3.84	0.64	0.79	0.94	43.5	4.4	0.67	0.83	0.99
	1800	54	2.98	0.64	0.79	0.93	52	3.37	0.65	0.81	0.96	49	3.84	0.66	0.83	0.98	44.5	4.41	0.69	0.87	1
71°F	1400	54.5	2.98	0.47	0.59	0.7	52	3.37	0.47	0.59	0.72	49.5	3.84	0.47	0.61	0.74	45	4.41	0.48	0.63	0.77
	1600	56	2.98	0.47	0.6	0.73	53.5	3.37	0.48	0.62	0.75	51	3.85	0.48	0.63	0.77	46	4.42	0.5	0.66	0.82
	1800	57	2.98	0.48	0.62	0.76	54.5	3.38	0.49	0.64	0.78	51.5	3.85	0.49	0.65	0.81	46.5	4.42	0.51	0.68	0.85

XP13-048-230-08 - CH33-50/60C-2F

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	53.3	3.37	42.1	3.16	30.2	2.94	22.9	2.7	11.4	2
1600	53.6	3.24	42.5	3.03	30.6	2.8	23.3	2.56	11.8	1.86
1800	54.1	3.14	43	2.94	31.1	2.71	23.8	2.47	12.3	1.77

XP13-048-230-08 - CH33-50/60C-2F

HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.24	53.6
60	3.19	51.1
55	3.15	48.6
50	3.1	46.2
47	3.07	44.7
45	3.03	42.5
40	2.91	37.2
35	2.8	31.8
30	2.8	31.2
25	2.8	30.6
20	2.8	30
17	2.8	29.7
15	2.79	28.7
10	2.74	26.2
5	2.56	23.3
0	2.39	20.4
-5	2.21	17.5
-10	2.04	14.7
-15	1.86	11.8
-20	1.68	8.9

XP13-048-230-08 - CH33-50/60C-2F + SL280UH090V60C

Entering Wet Bulb Temper- ature	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
63°F	1440	48.5	2.96	0.76	0.89	1	46.5	3.35	0.77	0.91	1	44.5	3.82	0.78	0.94	1	40.5	4.39	0.82	0.98	1
	1595	49.5	2.96	0.78	0.93	1	47.5	3.36	0.79	0.95	1	45.5	3.82	0.81	0.97	1	41.5	4.39	0.85	1	1
	1815	51	2.97	0.81	0.97	1	49	3.36	0.83	0.99	1	46.5	3.83	0.85	1	1	43	4.39	0.9	1	1
67°F	1440	51.5	2.97	0.6	0.73	0.86	49.5	3.36	0.61	0.74	0.88	47	3.83	0.62	0.76	0.9	43	4.39	0.64	0.8	0.95
	1595	52.5	2.97	0.61	0.75	0.89	50.5	3.37	0.63	0.77	0.91	48	3.84	0.63	0.79	0.94	43.5	4.4	0.66	0.83	0.99
	1815	54	2.98	0.64	0.79	0.94	52	3.37	0.65	0.81	0.96	49	3.84	0.66	0.83	0.98	44.5	4.41	0.69	0.87	1
71°F	1440	54.5	2.98	0.46	0.59	0.71	52.5	3.37	0.46	0.59	0.72	49.5	3.84	0.47	0.6	0.74	45	4.41	0.48	0.63	0.77
	1595	55.5	2.98	0.47	0.6	0.73	53.5	3.38	0.47	0.61	0.74	50.5	3.85	0.48	0.62	0.77	46	4.42	0.49	0.65	0.81
	1815	57	2.98	0.48	0.62	0.76	54.5	3.38	0.48	0.64	0.78	52	3.85	0.49	0.65	0.81	46.5	4.42	0.5	0.68	0.86

XP13-048-230-08 - CH33-50/60C-2F + SL280UH090V60C

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
1440	52.8	3.33	41.7	3.12	29.8	2.89	22.6	2.66	11.2	1.96
1595	53.1	3.23	42.1	3.02	30.2	2.79	22.9	2.56	11.6	1.85
1815	53.9	3.13	42.8	2.93	31	2.7	23.7	2.46	12.4	1.76

**XP13-048-230-08 - CH33-50/60C-2F + SL280UH090V60C
HEATING PERFORMANCE at 1595 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.23	53.1
60	3.18	50.7
55	3.14	48.2
50	3.09	45.7
47	3.07	44.2
45	3.02	42.1
40	2.91	36.7
35	2.79	31.4
30	2.79	30.8
25	2.79	30.2
20	2.8	29.6
17	2.8	29.3
15	2.78	28.3
10	2.73	25.8
5	2.56	22.9
0	2.38	20.1
-5	2.21	17.3
-10	2.03	14.4
-15	1.85	11.6
-20	1.68	8.8

XP13-048-230-08 - CH33-50/60C-2F + SL280UH110V60C

Entering Wet Bulb Temper- ature	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
63°F	1395	48	2.96	0.75	0.89	1	46.5	3.35	0.76	0.9	1	44	3.81	0.78	0.93	1	40.5	4.38	0.81	0.97	1
	1560	49.5	2.96	0.77	0.92	1	47.5	3.36	0.79	0.94	1	45	3.82	0.81	0.96	1	41	4.39	0.84	1	1
	1810	51	2.97	0.82	0.97	1	49	3.36	0.83	0.99	1	46.5	3.83	0.85	1	1	43	4.39	0.9	1	1
67°F	1395	51	2.97	0.6	0.72	0.85	49	3.36	0.6	0.74	0.87	47	3.83	0.61	0.75	0.89	42.5	4.39	0.63	0.79	0.94
	1560	52.5	2.97	0.61	0.75	0.88	50.5	3.36	0.62	0.76	0.9	48	3.83	0.63	0.78	0.93	43.5	4.4	0.66	0.82	0.98
	1810	54	2.98	0.64	0.79	0.94	52	3.37	0.65	0.81	0.96	49	3.84	0.66	0.83	0.99	44.5	4.41	0.69	0.88	1
71°F	1395	54	2.98	0.46	0.58	0.7	52	3.37	0.46	0.59	0.71	49.5	3.84	0.47	0.6	0.73	45	4.41	0.48	0.62	0.77
	1560	55.5	2.98	0.47	0.6	0.73	53	3.37	0.47	0.61	0.74	50.5	3.84	0.48	0.62	0.76	45.5	4.41	0.49	0.65	0.8
	1810	57	2.98	0.48	0.62	0.76	54.5	3.38	0.49	0.64	0.78	52	3.85	0.49	0.65	0.81	46.5	4.42	0.51	0.68	0.86

XP13-048-230-08 - CH33-50/60C-2F + SL280UH110V60C

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	52.8	3.37	41.6	3.15	29.8	2.92	22.5	2.68	11.2	1.97
1560	53.2	3.26	42.1	3.04	30.2	2.81	22.9	2.57	11.6	1.86
1810	54.1	3.15	43	2.93	31.1	2.7	23.8	2.46	12.5	1.75

**XP13-048-230-08 - CH33-50/60C-2F + SL280UH110V60C
HEATING PERFORMANCE at 1560 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.26	53.2
60	3.21	50.7
55	3.17	48.2
50	3.12	45.7
47	3.09	44.2
45	3.04	42.1
40	2.93	36.7
35	2.81	31.4
30	2.81	30.8
25	2.81	30.2
20	2.81	29.6
17	2.81	29.2
15	2.79	28.2
10	2.75	25.7
5	2.57	22.9
0	2.39	20.1
-5	2.22	17.2
-10	2.04	14.4
-15	1.86	11.6
-20	1.69	8.8

XP13-048-230-08 - CH33-50/60C-2F + SLP98UH090V48C

Entering Wet Bulb Temper- ature	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
63°F	1375	48	2.96	0.75	0.88	1	46	3.35	0.76	0.9	1	44	3.81	0.78	0.92	1	40	4.38	0.81	0.97	1
	1580	49.5	2.96	0.78	0.92	1	47.5	3.36	0.79	0.94	1	45.5	3.82	0.81	0.97	1	41.5	4.39	0.85	1	1
	1770	50.5	2.96	0.81	0.96	1	48.5	3.36	0.83	0.98	1	46.5	3.82	0.84	1	1	42.5	4.39	0.89	1	1
67°F	1375	51	2.97	0.6	0.72	0.85	49	3.36	0.6	0.73	0.86	47	3.83	0.61	0.75	0.89	42.5	4.39	0.63	0.78	0.93
	1580	52.5	2.97	0.61	0.75	0.89	50.5	3.36	0.63	0.77	0.91	48	3.84	0.64	0.79	0.94	43.5	4.4	0.66	0.83	0.99
	1770	54	2.98	0.64	0.78	0.93	51.5	3.37	0.64	0.8	0.95	49	3.84	0.66	0.83	0.98	44.5	4.41	0.69	0.87	1
71°F	1375	54	2.97	0.46	0.58	0.7	52	3.37	0.46	0.59	0.71	49.5	3.84	0.47	0.6	0.73	45	4.41	0.48	0.62	0.76
	1580	55.5	2.98	0.47	0.6	0.73	53.5	3.38	0.47	0.61	0.74	50.5	3.84	0.48	0.62	0.77	46	4.42	0.49	0.65	0.81
	1770	57	2.98	0.48	0.62	0.76	54.5	3.38	0.49	0.63	0.78	51.5	3.85	0.49	0.65	0.8	46.5	4.42	0.51	0.68	0.85

XP13-048-230-08 - CH33-50/60C-2F + SLP98UH090V48C

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	52.7	3.37	41.6	3.16	29.7	2.93	22.4	2.7	11.1	1.99
1580	53.3	3.24	42.2	3.03	30.3	2.8	23	2.57	11.7	1.86
1770	54	3.15	42.9	2.94	31	2.71	23.7	2.47	12.4	1.77

**XP13-048-230-08 - CH33-50/60C-2F + SLP98UH090V48C
HEATING PERFORMANCE at 1580 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.24	53.3
60	3.2	50.8
55	3.15	48.3
50	3.11	45.8
47	3.08	44.3
45	3.03	42.2
40	2.92	36.8
35	2.8	31.5
30	2.8	30.9
25	2.8	30.3
20	2.81	29.7
17	2.81	29.4
15	2.79	28.4
10	2.74	25.9
5	2.57	23
0	2.39	20.2
-5	2.21	17.3
-10	2.04	14.5
-15	1.86	11.7
-20	1.68	8.8

XP13-048-230-08 - CH33-50/60C-2F + SLP98UH090V60C

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
63°F	1460	48.5	2.96	0.76	0.9	1	47	3.35	0.77	0.92	1	44.5	3.82	0.79	0.94	1	40.5	4.39	0.82	0.99	1
	1590	49.5	2.96	0.78	0.93	1	47.5	3.36	0.8	0.95	1	45.5	3.82	0.81	0.97	1	41.5	4.39	0.85	1	1
	1815	51	2.97	0.82	0.97	1	49	3.36	0.83	0.99	1	46.5	3.83	0.85	1	1	43	4.4	0.9	1	1
67°F	1460	51.5	2.97	0.6	0.74	0.86	49.5	3.36	0.61	0.75	0.88	47.5	3.83	0.62	0.77	0.91	43	4.39	0.64	0.8	0.96
	1590	52.5	2.97	0.62	0.75	0.89	50.5	3.37	0.63	0.77	0.91	48	3.84	0.64	0.79	0.94	43.5	4.4	0.66	0.83	0.99
	1815	54	2.98	0.64	0.79	0.94	52	3.37	0.65	0.81	0.96	49	3.84	0.66	0.83	0.99	44.5	4.41	0.69	0.88	1
71°F	1460	54.5	2.98	0.46	0.59	0.71	52.5	3.37	0.47	0.6	0.72	50	3.84	0.47	0.61	0.74	45.5	4.41	0.48	0.63	0.78
	1590	55.5	2.98	0.47	0.6	0.73	53.5	3.38	0.47	0.61	0.75	50.5	3.85	0.48	0.62	0.77	46	4.42	0.49	0.65	0.81
	1815	57	2.98	0.48	0.63	0.77	55	3.38	0.49	0.64	0.79	52	3.85	0.49	0.65	0.81	47	4.42	0.51	0.68	0.86

XP13-048-230-08 - CH33-50/60C-2F + SLP98UH090V60C

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
1460	53	3.32	41.9	3.11	30	2.88	22.7	2.64	11.3	1.94
1590	53.4	3.24	42.2	3.03	30.4	2.8	23.1	2.56	11.7	1.86
1815	54.3	3.14	43.2	2.93	31.3	2.7	24	2.47	12.6	1.76

**XP13-048-230-08 - CH33-50/60C-2F + SLP98UH090V60C
HEATING PERFORMANCE at 1590 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.24	53.4
60	3.19	50.9
55	3.15	48.4
50	3.1	45.9
47	3.07	44.4
45	3.03	42.2
40	2.91	36.9
35	2.8	31.6
30	2.8	31
25	2.8	30.4
20	2.8	29.8
17	2.8	29.4
15	2.78	28.4
10	2.74	25.9
5	2.56	23.1
0	2.39	20.2
-5	2.21	17.4
-10	2.03	14.5
-15	1.86	11.7
-20	1.68	8.8

XP13-048-230-08 - CH33-50/60C-2F + SLP98UH110V60C

Entering Wet Bulb Temper- ature	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
63°F	1405	48	2.96	0.75	0.89	1	46.5	3.35	0.77	0.91	1	44	3.81	0.78	0.93	1	40.5	4.38	0.81	0.97	1
	1610	49.5	2.97	0.78	0.93	1	48	3.36	0.8	0.95	1	45.5	3.82	0.81	0.97	1	41.5	4.39	0.85	1	1
	1775	51	2.96	0.81	0.96	1	49	3.36	0.83	0.98	1	46.5	3.82	0.85	1	1	42.5	4.39	0.89	1	1
67°F	1405	51.5	2.97	0.6	0.73	0.85	49.5	3.36	0.61	0.74	0.87	47	3.83	0.62	0.76	0.89	42.5	4.39	0.64	0.79	0.94
	1610	53	2.97	0.62	0.76	0.89	50.5	3.37	0.63	0.77	0.92	48	3.84	0.64	0.79	0.94	43.5	4.4	0.66	0.83	0.99
	1775	54	2.98	0.64	0.78	0.93	51.5	3.37	0.65	0.8	0.95	49	3.84	0.66	0.83	0.98	44.5	4.41	0.69	0.87	1
71°F	1405	54	2.98	0.46	0.58	0.7	52	3.37	0.46	0.59	0.72	49.5	3.84	0.47	0.6	0.73	45	4.41	0.48	0.63	0.77
	1610	56	2.98	0.47	0.6	0.73	53.5	3.37	0.47	0.61	0.75	51	3.85	0.48	0.63	0.77	46	4.42	0.49	0.65	0.81
	1775	57	2.98	0.48	0.62	0.76	54.5	3.38	0.49	0.64	0.78	51.5	3.85	0.49	0.65	0.8	46.5	4.42	0.5	0.68	0.85

XP13-048-230-08 - CH33-50/60C-2F + SLP98UH110V60C

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	52.8	3.36	41.7	3.15	29.9	2.93	22.6	2.69	11.2	1.99
1610	53.3	3.22	42.2	3.02	30.4	2.79	23.1	2.55	11.7	1.85
1775	54	3.15	42.9	2.94	31.1	2.71	23.8	2.48	12.4	1.78

**XP13-048-230-08 - CH33-50/60C-2F + SLP98UH110V60C
HEATING PERFORMANCE at 1610 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.22	53.3
60	3.18	50.8
55	3.13	48.3
50	3.09	45.9
47	3.06	44.4
45	3.02	42.2
40	2.9	36.9
35	2.79	31.6
30	2.79	31
25	2.79	30.4
20	2.79	29.8
17	2.79	29.4
15	2.78	28.4
10	2.73	26
5	2.55	23.1
0	2.38	20.2
-5	2.2	17.4
-10	2.03	14.5
-15	1.85	11.7
-20	1.68	8.8

XP13-048-230-08 - CH33-60D-2F

Entering Wet Bulb Temper- ature	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
63°F	1400	48	2.96	0.75	0.89	1	46	3.35	0.77	0.91	1	44	3.81	0.78	0.93	1	40	4.38	0.81	0.97	1
	1600	49	2.96	0.78	0.93	1	47.5	3.36	0.8	0.95	1	45.5	3.82	0.81	0.97	1	41	4.39	0.85	1	1
	1800	50.5	2.97	0.81	0.96	1	48.5	3.36	0.83	0.98	1	46.5	3.83	0.85	1	1	42.5	4.39	0.89	1	1
67°F	1400	51	2.97	0.6	0.73	0.85	49	3.36	0.61	0.74	0.87	46.5	3.83	0.62	0.76	0.89	42.5	4.39	0.64	0.79	0.94
	1600	52.5	2.97	0.62	0.76	0.89	50.5	3.37	0.63	0.77	0.91	48	3.83	0.64	0.79	0.94	43.5	4.39	0.66	0.83	0.99
	1800	53.5	2.98	0.64	0.78	0.93	51.5	3.37	0.65	0.8	0.95	48.5	3.84	0.66	0.82	0.98	44	4.4	0.69	0.87	1
71°F	1400	54	2.98	0.46	0.58	0.7	51.5	3.37	0.47	0.59	0.72	49	3.84	0.47	0.6	0.73	45	4.4	0.48	0.63	0.77
	1600	55.5	2.98	0.47	0.6	0.73	53	3.37	0.47	0.61	0.74	50.5	3.84	0.48	0.63	0.77	45.5	4.42	0.49	0.65	0.81
	1800	56.5	2.98	0.48	0.62	0.76	54.5	3.38	0.49	0.63	0.77	51.5	3.85	0.49	0.65	0.8	46.5	4.41	0.51	0.68	0.85

XP13-048-230-08 - CH33-60D-2F

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	53.2	3.43	42	3.21	30.1	2.97	22.7	2.72	11.3	2.01
1600	53.6	3.3	42.4	3.08	30.5	2.84	23.2	2.59	11.7	1.88
1800	54	3.2	42.8	2.97	30.8	2.73	23.5	2.49	12.1	1.78

XP13-048-230-08 - CH33-60D-2F

HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.3	53.6
60	3.25	51.1
55	3.2	48.6
50	3.15	46.1
47	3.13	44.6
45	3.08	42.4
40	2.96	37
35	2.83	31.6
30	2.83	31.1
25	2.84	30.5
20	2.84	29.9
17	2.84	29.5
15	2.82	28.5
10	2.77	26
5	2.59	23.2
0	2.42	20.3
-5	2.24	17.4
-10	2.06	14.6
-15	1.88	11.7
-20	1.7	8.9

XP13-048-230-08 - CH33-60D-2F + SL280UH135V60D

Entering Wet Bulb Temper- ature	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
63°F	1420	48	2.96	0.75	0.89	1	46	3.35	0.76	0.9	1	44	3.81	0.78	0.92	1	40	4.38	0.81	0.97	1
	1600	49	2.96	0.78	0.92	1	47.5	3.36	0.79	0.94	1	45	3.82	0.81	0.96	1	41	4.38	0.85	1	1
	1835	50.5	2.97	0.81	0.97	1	48.5	3.36	0.83	0.99	1	46.5	3.82	0.85	1	1	42.5	4.39	0.89	1	1
67°F	1420	51	2.97	0.6	0.72	0.85	49	3.36	0.6	0.74	0.87	46.5	3.83	0.61	0.75	0.89	42.5	4.39	0.63	0.79	0.94
	1600	52	2.97	0.61	0.75	0.89	50	3.36	0.62	0.76	0.91	47.5	3.83	0.63	0.79	0.93	43.5	4.4	0.66	0.82	0.98
	1835	53.5	2.98	0.64	0.79	0.93	51.5	3.37	0.65	0.8	0.95	49	3.84	0.66	0.83	0.98	44	4.4	0.69	0.87	1
71°F	1420	54	2.98	0.46	0.58	0.7	51.5	3.37	0.46	0.59	0.71	49	3.84	0.46	0.6	0.73	45	4.4	0.47	0.62	0.77
	1600	55.5	2.98	0.47	0.6	0.73	53	3.37	0.47	0.61	0.74	50.5	3.85	0.48	0.62	0.76	45.5	4.42	0.49	0.65	0.8
	1835	56.5	2.98	0.48	0.62	0.76	54.5	3.38	0.48	0.63	0.78	51.5	3.85	0.49	0.65	0.81	46.5	4.41	0.5	0.68	0.85

XP13-048-230-08 - CH33-60D-2F + SL280UH135V60D

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	52.6	3.4	41.5	3.18	29.6	2.95	22.3	2.71	11.1	2
1600	53.1	3.28	41.9	3.07	30	2.83	22.7	2.59	11.5	1.88
1835	53.7	3.17	42.6	2.95	30.7	2.72	23.4	2.48	12.2	1.77

**XP13-048-230-08 - CH33-60D-2F + SL280UH135V60D
HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.28	53.1
60	3.24	50.6
55	3.19	48.1
50	3.14	45.5
47	3.11	44
45	3.07	41.9
40	2.95	36.6
35	2.83	31.2
30	2.83	30.6
25	2.83	30
20	2.83	29.4
17	2.83	29
15	2.81	28
10	2.77	25.5
5	2.59	22.7
0	2.41	19.9
-5	2.23	17.1
-10	2.06	14.3
-15	1.88	11.5
-20	1.7	8.7

XP13-048-230-08 - CH33-60D-2F + SLP98UH135V60D

Entering Wet Bulb Temper- ature	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
63°F	1445	48	2.96	0.75	0.89	1	46	3.35	0.77	0.91	1	44	3.81	0.78	0.93	1	40.5	4.37	0.82	0.97	1
	1600	49	2.96	0.78	0.93	1	47.5	3.36	0.8	0.95	1	45.5	3.82	0.81	0.97	1	41	4.39	0.85	1	1
	1805	50.5	2.97	0.81	0.96	1	48.5	3.36	0.82	0.98	1	46	3.83	0.85	1	1	42.5	4.39	0.89	1	1
67°F	1445	51	2.97	0.6	0.73	0.86	49	3.36	0.61	0.74	0.87	47	3.83	0.61	0.76	0.9	42.5	4.39	0.64	0.79	0.95
	1600	52.5	2.97	0.62	0.76	0.89	50.5	3.37	0.63	0.77	0.91	48	3.83	0.64	0.79	0.94	43.5	4.39	0.66	0.83	0.99
	1805	53.5	2.98	0.63	0.78	0.93	51.5	3.37	0.64	0.8	0.95	48.5	3.84	0.66	0.82	0.98	44	4.4	0.68	0.87	1
71°F	1445	54	2.98	0.46	0.58	0.7	52	3.37	0.46	0.59	0.72	49.5	3.84	0.47	0.6	0.73	45	4.41	0.48	0.63	0.77
	1600	55.5	2.98	0.47	0.6	0.73	53	3.37	0.47	0.61	0.74	50.5	3.84	0.48	0.63	0.77	45.5	4.42	0.49	0.65	0.81
	1805	56.5	2.98	0.48	0.62	0.76	54.5	3.38	0.48	0.63	0.77	51.5	3.84	0.49	0.64	0.8	46.5	4.41	0.5	0.67	0.85

XP13-048-230-08 - CH33-60D-2F + SLP98UH135V60D

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	52.7	3.39	41.5	3.17	29.6	2.92	22.3	2.68	10.8	1.97
1600	53.6	3.3	42.4	3.08	30.5	2.84	23.2	2.59	11.7	1.88
1805	53.7	3.19	42.5	2.97	30.5	2.72	23.2	2.48	11.8	1.77

**XP13-048-230-08 - CH33-60D-2F + SLP98UH135V60D
HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.3	53.6
60	3.25	51.1
55	3.2	48.6
50	3.15	46.1
47	3.13	44.6
45	3.08	42.4
40	2.96	37
35	2.83	31.6
30	2.83	31.1
25	2.84	30.5
20	2.84	29.9
17	2.84	29.5
15	2.82	28.5
10	2.77	26
5	2.59	23.2
0	2.42	20.3
-5	2.24	17.4
-10	2.06	14.6
-15	1.88	11.7
-20	1.7	8.9

XP13-048-230-08 - CR33-50/60C-F

Entering Wet Bulb Temper- ature	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		
				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	1400	48	2.95	0.77	0.91	1	46	3.33	0.78	0.93	1	43.5	3.79	0.8	0.95	1	40	4.35	0.84	0.99	1
	1600	49	2.95	0.8	0.95	1	47	3.34	0.82	0.97	1	45	3.8	0.84	0.99	1	41	4.35	0.88	1	1
	1800	50.5	2.96	0.83	0.98	1	48.5	3.35	0.85	1	1	46	3.8	0.87	1	1	42.5	4.37	0.92	1	1
67°F	1400	50.5	2.95	0.61	0.75	0.87	48.5	3.35	0.62	0.76	0.9	46.5	3.8	0.63	0.78	0.92	42	4.36	0.65	0.81	0.97
	1600	52	2.96	0.63	0.78	0.92	50	3.35	0.64	0.79	0.94	47.5	3.81	0.65	0.82	0.96	43	4.37	0.68	0.86	1
	1800	53.5	2.96	0.65	0.81	0.96	51	3.36	0.66	0.83	0.98	48.5	3.82	0.68	0.85	0.99	43.5	4.37	0.71	0.9	1
71°F	1400	53.5	2.96	0.46	0.6	0.72	51.5	3.36	0.47	0.6	0.73	48.5	3.82	0.47	0.62	0.75	44.5	4.38	0.49	0.64	0.79
	1600	55	2.97	0.48	0.62	0.75	52.5	3.36	0.48	0.63	0.77	50	3.82	0.49	0.64	0.79	45.5	4.38	0.5	0.67	0.84
	1800	56.5	2.97	0.48	0.64	0.78	53.5	3.36	0.49	0.65	0.81	51	3.83	0.5	0.67	0.83	46	4.39	0.51	0.7	0.88

XP13-048-230-08 - CR33-50/60C-F

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								
											kWh		kWh		kWh		kWh	
											cfm	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh
1400	52.3	3.16	41.7	2.99	30.4	2.8	23.4	2.61	11.5	1.91								
1600	52.8	3.05	42.2	2.88	30.8	2.69	23.9	2.49	12	1.8								
1800	53.4	2.97	42.8	2.8	31.5	2.61	24.5	2.41	12.6	1.72								

XP13-048-230-08 - CR33-50/60C-F

HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.05	52.8
60	3.02	50.4
55	2.98	48.1
50	2.95	45.7
47	2.93	44.3
45	2.88	42.2
40	2.77	36.9
35	2.66	31.7
30	2.68	31.3
25	2.69	30.8
20	2.71	30.4
17	2.71	30.2
15	2.7	29.3
10	2.67	26.9
5	2.49	23.9
0	2.32	21
-5	2.15	18
-10	1.97	15
-15	1.8	12
-20	1.63	9.1

XP13-048-230-08 - CR33-50/60C-F + SL280DF090V60C

Entering Wet Bulb Temper- ature	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
63°F	1390	47.5	2.95	0.76	0.9	1	45.5	3.33	0.78	0.92	1	43.5	3.79	0.79	0.94	1	40	4.34	0.83	0.98	1
	1605	49	2.95	0.8	0.95	1	47	3.34	0.81	0.97	1	45	3.8	0.83	0.99	1	41	4.35	0.87	1	1
	1840	50.5	2.96	0.84	0.99	1	48.5	3.35	0.85	1	1	46.5	3.81	0.88	1	1	42.5	4.37	0.92	1	1
67°F	1390	50.5	2.95	0.6	0.74	0.87	48.5	3.35	0.61	0.75	0.89	46	3.8	0.62	0.77	0.91	42	4.36	0.64	0.8	0.96
	1605	52	2.96	0.63	0.77	0.91	50	3.35	0.64	0.79	0.93	47.5	3.81	0.65	0.81	0.96	43	4.37	0.67	0.85	1
	1840	53.5	2.96	0.65	0.81	0.96	51	3.36	0.66	0.83	0.98	48.5	3.81	0.68	0.86	1	44	4.38	0.71	0.9	1
71°F	1390	53.5	2.96	0.46	0.59	0.71	51	3.35	0.46	0.6	0.73	48.5	3.82	0.47	0.61	0.75	44	4.38	0.48	0.63	0.78
	1605	55	2.97	0.47	0.61	0.75	52.5	3.36	0.47	0.62	0.76	50	3.82	0.48	0.64	0.79	45	4.38	0.49	0.66	0.83
	1840	56.5	2.97	0.48	0.64	0.79	54	3.36	0.49	0.65	0.81	51	3.83	0.5	0.67	0.83	46	4.39	0.51	0.7	0.89

XP13-048-230-08 - CR33-50/60C-F + SL280DF090V60C

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	51.5	3.15	41	2.98	29.8	2.79	22.9	2.6	11.2	1.91
1605	52.1	3.03	41.6	2.86	30.4	2.68	23.5	2.48	11.8	1.79
1840	53	2.94	42.5	2.77	31.3	2.59	24.4	2.39	12.7	1.7

**XP13-048-230-08 - CR33-50/60C-F + SL280DF090V60C
HEATING PERFORMANCE at 1605 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.03	52.1
60	3	49.8
55	2.96	47.5
50	2.93	45.1
47	2.91	43.7
45	2.86	41.6
40	2.76	36.4
35	2.65	31.2
30	2.66	30.8
25	2.68	30.4
20	2.69	30
17	2.7	29.7
15	2.69	28.8
10	2.65	26.4
5	2.48	23.5
0	2.31	20.6
-5	2.14	17.7
-10	1.96	14.8
-15	1.79	11.8
-20	1.62	8.9

XP13-048-230-08 - CR33-50/60C-F + SL280DF110V60C

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
63°F	1400	47.5	2.95	0.76	0.9	1	45.5	3.33	0.78	0.92	1	43.5	3.79	0.79	0.95	1	40	4.34	0.83	0.98	1
	1595	49	2.95	0.79	0.95	1	47	3.34	0.81	0.96	1	45	3.8	0.83	0.98	1	41	4.35	0.87	1	1
	1765	50	2.96	0.82	0.98	1	48	3.35	0.84	0.99	1	45.5	3.8	0.86	1	1	42	4.36	0.91	1	1
67°F	1400	50.5	2.95	0.6	0.74	0.87	48.5	3.35	0.61	0.75	0.89	46	3.8	0.62	0.77	0.91	42	4.36	0.64	0.81	0.96
	1595	52	2.96	0.62	0.77	0.91	50	3.35	0.63	0.79	0.93	47.5	3.81	0.65	0.81	0.96	43	4.37	0.67	0.85	0.99
	1765	53	2.96	0.64	0.8	0.95	50.5	3.35	0.65	0.82	0.97	48	3.82	0.67	0.84	0.99	43.5	4.37	0.7	0.89	1
71°F	1400	53.5	2.96	0.46	0.59	0.71	51	3.35	0.46	0.6	0.73	48.5	3.82	0.47	0.61	0.75	44	4.38	0.48	0.63	0.79
	1595	55	2.97	0.47	0.61	0.75	52.5	3.36	0.47	0.62	0.76	50	3.82	0.48	0.64	0.79	45	4.38	0.49	0.66	0.83
	1765	56	2.97	0.47	0.63	0.77	53.5	3.36	0.48	0.64	0.79	50.5	3.83	0.49	0.66	0.82	45.5	4.39	0.5	0.69	0.87

XP13-048-230-08 - CR33-50/60C-F + SL280DF110V60C

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	51.6	3.15	41.1	2.98	29.8	2.79	23	2.59	11.3	1.91
1595	52.1	3.04	41.6	2.87	30.3	2.68	23.5	2.48	11.8	1.79
1765	52.7	2.97	42.2	2.8	31	2.61	24.1	2.42	12.5	1.73

**XP13-048-230-08 - CR33-50/60C-F + SL280DF110V60C
HEATING PERFORMANCE at 1595 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.04	52.1
60	3	49.8
55	2.97	47.4
50	2.93	45.1
47	2.91	43.7
45	2.87	41.6
40	2.76	36.4
35	2.65	31.1
30	2.66	30.7
25	2.68	30.3
20	2.69	29.9
17	2.7	29.7
15	2.69	28.7
10	2.65	26.4
5	2.48	23.5
0	2.31	20.6
-5	2.14	17.6
-10	1.97	14.7
-15	1.79	11.8
-20	1.62	8.9

XP13-048-230-08 - CR33-50/60C-F + SLP98DF090V60C

Entering Wet Bulb Temper- ature	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
63°F	1445	48	2.95	0.77	0.92	1	46	3.33	0.79	0.94	1	44	3.79	0.81	0.96	1	40	4.35	0.84	0.99	1
	1600	49	2.95	0.8	0.95	1	47	3.34	0.82	0.97	1	45	3.8	0.83	0.99	1	41	4.35	0.87	1	1
	1805	50.5	2.96	0.83	0.98	1	48.5	3.34	0.85	1	1	46	3.8	0.87	1	1	42.5	4.37	0.92	1	1
67°F	1445	51	2.96	0.61	0.75	0.88	49	3.35	0.62	0.76	0.9	46.5	3.8	0.63	0.78	0.93	42.5	4.36	0.65	0.82	0.97
	1600	52	2.96	0.63	0.77	0.92	50	3.35	0.64	0.79	0.94	47.5	3.81	0.65	0.81	0.96	43	4.37	0.68	0.85	1
	1805	53.5	2.96	0.65	0.81	0.96	51	3.36	0.66	0.83	0.98	48.5	3.82	0.68	0.85	0.99	44	4.38	0.71	0.9	1
71°F	1445	54	2.97	0.46	0.6	0.72	51.5	3.36	0.47	0.61	0.74	49	3.82	0.47	0.62	0.76	44.5	4.38	0.48	0.64	0.8
	1600	55	2.97	0.47	0.61	0.75	52.5	3.36	0.47	0.63	0.77	50	3.82	0.48	0.64	0.79	45	4.38	0.5	0.67	0.83
	1805	56.5	2.97	0.48	0.64	0.78	54	3.36	0.49	0.65	0.81	51	3.83	0.5	0.67	0.83	46	4.39	0.51	0.7	0.88

XP13-048-230-08 - CR33-50/60C-F + SLP98DF090V60C

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	51.9	3.12	41.4	2.95	30.1	2.77	23.2	2.57	11.4	1.88
1600	52.4	3.04	41.9	2.87	30.6	2.68	23.7	2.49	11.9	1.8
1805	53.4	2.96	42.8	2.8	31.5	2.61	24.7	2.41	12.9	1.72

XP13-048-230-08 - CR33-50/60C-F + SLP98DF090V60C

HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.04	52.4
60	3.01	50.1
55	2.97	47.7
50	2.94	45.4
47	2.92	44
45	2.87	41.9
40	2.76	36.6
35	2.65	31.4
30	2.67	31
25	2.68	30.6
20	2.7	30.2
17	2.71	29.9
15	2.69	29
10	2.66	26.6
5	2.49	23.7
0	2.31	20.8
-5	2.14	17.8
-10	1.97	14.9
-15	1.8	11.9
-20	1.63	9

XP13-048-230-08 - CR33-50/60C-F + SLP98DF110V60C

Entering Wet Bulb Temper- ature	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
63°F	1440	48	2.95	0.77	0.91	1	46	3.33	0.79	0.94	1	44	3.79	0.8	0.96	1	40	4.35	0.84	0.99	1
	1625	49.5	2.95	0.8	0.95	1	47.5	3.34	0.82	0.97	1	45	3.8	0.84	0.99	1	41.5	4.36	0.88	1	1
	1790	50.5	2.96	0.83	0.98	1	48	3.34	0.85	0.99	1	46	3.8	0.87	1	1	42.5	4.37	0.92	1	1
67°F	1440	51	2.96	0.61	0.75	0.88	49	3.35	0.62	0.76	0.9	46.5	3.8	0.63	0.78	0.93	42	4.36	0.65	0.82	0.97
	1625	52.5	2.96	0.63	0.78	0.92	50	3.35	0.64	0.8	0.94	47.5	3.81	0.65	0.82	0.97	43	4.37	0.68	0.86	1
	1790	53	2.96	0.65	0.81	0.95	51	3.36	0.66	0.83	0.97	48.5	3.82	0.68	0.85	0.99	43.5	4.37	0.7	0.9	1
71°F	1440	54	2.96	0.46	0.6	0.72	51.5	3.36	0.47	0.6	0.74	49	3.82	0.47	0.62	0.76	44.5	4.38	0.48	0.64	0.8
	1625	55	2.97	0.47	0.62	0.75	53	3.36	0.48	0.63	0.77	50	3.82	0.48	0.64	0.79	45.5	4.39	0.5	0.67	0.84
	1790	56	2.97	0.48	0.64	0.78	53.5	3.36	0.49	0.65	0.8	51	3.83	0.5	0.67	0.83	46	4.39	0.51	0.7	0.88

XP13-048-230-08 - CR33-50/60C-F + SLP98DF110V60C

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
1440	51.9	3.12	41.3	2.96	30	2.77	23.1	2.57	11.3	1.89
1625	52.5	3.03	42	2.86	30.7	2.68	23.8	2.48	12	1.79
1790	53.2	2.97	42.7	2.8	31.4	2.61	24.5	2.42	12.7	1.73

XP13-048-230-08 - CR33-50/60C-F + SLP98DF110V60C

HEATING PERFORMANCE at 1625 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.03	52.5
60	3	50.2
55	2.96	47.8
50	2.93	45.5
47	2.91	44.1
45	2.86	42
40	2.76	36.7
35	2.65	31.5
30	2.66	31.1
25	2.68	30.7
20	2.69	30.3
17	2.7	30
15	2.69	29.1
10	2.65	26.8
5	2.48	23.8
0	2.31	20.8
-5	2.14	17.9
-10	1.96	14.9
-15	1.79	12
-20	1.62	9

XP13-048-230-08 - CR33-60D-F

Entering Wet Bulb Temper- ature	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
63°F	1400	48	2.95	0.77	0.91	1	46	3.33	0.78	0.93	1	43.5	3.79	0.8	0.95	1	40	4.35	0.84	0.99	1
	1600	49	2.95	0.8	0.95	1	47	3.34	0.82	0.97	1	45	3.8	0.84	0.99	1	41	4.35	0.88	1	1
	1800	50.5	2.96	0.83	0.98	1	48.5	3.35	0.85	1	1	46	3.8	0.87	1	1	42.5	4.37	0.92	1	1
67°F	1400	50.5	2.95	0.61	0.75	0.87	48.5	3.35	0.62	0.76	0.9	46.5	3.8	0.63	0.78	0.92	42	4.36	0.65	0.81	0.97
	1600	52	2.96	0.63	0.78	0.92	50	3.35	0.64	0.79	0.94	47.5	3.81	0.65	0.82	0.96	43	4.37	0.68	0.86	1
	1800	53.5	2.96	0.65	0.81	0.96	51	3.36	0.66	0.83	0.98	48.5	3.82	0.68	0.85	0.99	43.5	4.37	0.71	0.9	1
71°F	1400	53.5	2.96	0.46	0.6	0.72	51.5	3.36	0.47	0.6	0.73	48.5	3.82	0.47	0.62	0.75	44.5	4.38	0.49	0.64	0.79
	1600	55	2.97	0.48	0.62	0.75	52.5	3.36	0.48	0.63	0.77	50	3.82	0.49	0.64	0.79	45.5	4.38	0.5	0.67	0.84
	1800	56.5	2.97	0.48	0.64	0.78	53.5	3.36	0.49	0.65	0.81	51	3.83	0.5	0.67	0.83	46	4.39	0.51	0.7	0.88

XP13-048-230-08 - CR33-60D-F

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	52.3	3.16	41.7	2.99	30.4	2.8	23.4	2.61	11.5	1.91
1600	52.8	3.05	42.2	2.88	30.8	2.69	23.9	2.49	12	1.8
1800	53.4	2.97	42.8	2.8	31.5	2.61	24.5	2.41	12.6	1.72

XP13-048-230-08 - CR33-60D-F

HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.05	52.8
60	3.02	50.4
55	2.98	48.1
50	2.95	45.7
47	2.93	44.3
45	2.88	42.2
40	2.77	36.9
35	2.66	31.7
30	2.68	31.3
25	2.69	30.8
20	2.71	30.4
17	2.71	30.2
15	2.7	29.3
10	2.67	26.9
5	2.49	23.9
0	2.32	21
-5	2.15	18
-10	1.97	15
-15	1.8	12
-20	1.63	9.1

XP13-048-230-08 - CX34-49C-6F

Entering Wet Bulb Temper- ature	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
63°F	1400	47	2.89	0.77	0.91	1	45	3.26	0.79	0.93	1	42.5	3.69	0.8	0.96	1	39.5	4.22	0.84	1	1
	1600	48.5	2.89	0.8	0.95	1	46	3.27	0.82	0.98	1	44	3.7	0.84	1	1	40.5	4.23	0.88	1	1
	1800	49.5	2.9	0.83	0.99	1	47.5	3.27	0.85	1	1	45	3.71	0.88	1	1	41.5	4.23	0.92	1	1
67°F	1400	49.5	2.9	0.62	0.75	0.87	47.5	3.27	0.62	0.76	0.9	45	3.71	0.63	0.78	0.92	41	4.23	0.66	0.82	0.97
	1600	51	2.9	0.63	0.78	0.92	48.5	3.28	0.65	0.8	0.94	46	3.71	0.66	0.82	0.98	42	4.24	0.69	0.86	1
	1800	52	2.9	0.65	0.81	0.96	49.5	3.28	0.67	0.83	0.99	47	3.72	0.68	0.86	1	42.5	4.24	0.71	0.9	1
71°F	1400	52	2.9	0.47	0.6	0.72	49.5	3.28	0.47	0.61	0.74	47	3.72	0.48	0.62	0.76	43	4.25	0.49	0.65	0.8
	1600	53.5	2.91	0.48	0.62	0.75	51	3.28	0.49	0.63	0.77	48	3.73	0.49	0.65	0.8	44	4.25	0.51	0.68	0.84
	1800	55	2.91	0.49	0.64	0.78	52	3.29	0.5	0.66	0.81	49	3.73	0.51	0.67	0.83	44.5	4.26	0.52	0.7	0.88

XP13-048-230-08 - CX34-49C-6F

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	52.1	3.34	41.4	3.16	29.9	2.96	22.8	2.74	11.3	2.02
1600	52.5	3.21	41.8	3.03	30.3	2.83	23.2	2.61	11.7	1.89
1800	53	3.11	42.3	2.94	30.8	2.74	23.7	2.52	12.2	1.8

XP13-048-230-08 - CX34-49C-6F

HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.21	52.5
60	3.17	50.1
55	3.13	47.7
50	3.09	45.3
47	3.07	43.9
45	3.03	41.8
40	2.92	36.5
35	2.8	31.2
30	2.82	30.8
25	2.83	30.3
20	2.84	29.8
17	2.85	29.5
15	2.83	28.5
10	2.8	26.1
5	2.61	23.2
0	2.43	20.4
-5	2.25	17.5
-10	2.07	14.6
-15	1.89	11.7
-20	1.71	8.8

XP13-048-230-08 - CX34-49C-6F + SL280UH090V60C

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
63°F	1440	47	2.89	0.77	0.91	1	45	3.26	0.79	0.94	1	43	3.7	0.8	0.96	1	39.5	4.22	0.84	1	1
	1595	48.5	2.89	0.8	0.95	1	46	3.27	0.81	0.97	1	44	3.7	0.83	0.99	1	40.5	4.22	0.87	1	1
	1815	49.5	2.9	0.83	0.99	1	47.5	3.27	0.85	1	1	45	3.71	0.88	1	1	41.5	4.23	0.92	1	1
67°F	1440	50	2.9	0.61	0.75	0.88	47.5	3.27	0.62	0.76	0.9	45	3.71	0.63	0.78	0.93	41	4.23	0.65	0.82	0.98
	1595	51	2.9	0.63	0.77	0.91	48.5	3.28	0.64	0.79	0.94	46	3.71	0.65	0.81	0.97	42	4.24	0.68	0.85	1
	1815	52	2.9	0.65	0.81	0.96	49.5	3.28	0.66	0.83	0.99	47	3.72	0.68	0.85	1	42.5	4.24	0.71	0.9	1
71°F	1440	52	2.9	0.46	0.6	0.72	49.5	3.28	0.47	0.61	0.74	47	3.72	0.48	0.62	0.76	43	4.25	0.49	0.64	0.8
	1595	53.5	2.91	0.47	0.61	0.75	51	3.28	0.48	0.63	0.77	48	3.72	0.49	0.64	0.79	44	4.25	0.5	0.67	0.83
	1815	55	2.91	0.49	0.64	0.78	52	3.29	0.49	0.65	0.81	49	3.73	0.5	0.67	0.83	44.5	4.26	0.51	0.7	0.88

XP13-048-230-08 - CX34-49C-6F + SL280UH090V60C

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
1440	51.5	3.28	40.8	3.1	29.4	2.91	22.4	2.69	11.1	1.97
1595	51.9	3.2	41.2	3.02	29.8	2.82	22.8	2.61	11.5	1.88
1815	52.7	3.1	42	2.92	30.5	2.72	23.5	2.51	12.2	1.79

**XP13-048-230-08 - CX34-49C-6F + SL280UH090V60C
HEATING PERFORMANCE at 1595 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.2	51.9
60	3.16	49.6
55	3.12	47.2
50	3.08	44.8
47	3.06	43.3
45	3.02	41.2
40	2.91	36
35	2.79	30.8
30	2.81	30.3
25	2.82	29.8
20	2.83	29.3
17	2.84	29
15	2.82	28
10	2.79	25.6
5	2.61	22.8
0	2.42	20
-5	2.24	17.2
-10	2.06	14.3
-15	1.88	11.5
-20	1.7	8.7

XP13-048-230-08 - CX34-49C-6F + SL280UH110V60C

Entering Wet Bulb Temper- ature	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
63°F	1395	47	2.89	0.76	0.9	1	44.5	3.26	0.78	0.93	1	42.5	3.69	0.8	0.95	1	39	4.21	0.83	0.99	1
	1560	48	2.89	0.79	0.94	1	45.5	3.27	0.81	0.97	1	43.5	3.7	0.83	0.99	1	40	4.22	0.87	1	1
	1810	49.5	2.9	0.83	0.99	1	47.5	3.27	0.85	1	1	45	3.71	0.88	1	1	41.5	4.23	0.92	1	1
67°F	1395	49.5	2.9	0.61	0.74	0.87	47	3.27	0.62	0.76	0.89	45	3.71	0.63	0.78	0.92	41	4.23	0.65	0.81	0.97
	1560	50.5	2.9	0.62	0.77	0.9	48.5	3.28	0.64	0.78	0.93	45.5	3.71	0.65	0.81	0.96	42	4.24	0.67	0.85	1
	1810	52	2.9	0.65	0.81	0.96	49.5	3.28	0.67	0.83	0.99	47	3.72	0.68	0.86	1	42.5	4.24	0.71	0.9	1
71°F	1395	52	2.9	0.46	0.59	0.72	49.5	3.28	0.47	0.6	0.73	47	3.72	0.47	0.62	0.75	43	4.25	0.49	0.64	0.79
	1560	53	2.91	0.47	0.61	0.74	50.5	3.28	0.48	0.62	0.76	48	3.72	0.48	0.64	0.79	43.5	4.25	0.49	0.66	0.83
	1810	55	2.91	0.49	0.64	0.78	52	3.29	0.49	0.65	0.81	49	3.73	0.5	0.67	0.83	44.5	4.26	0.52	0.7	0.88

XP13-048-230-08 - CX34-49C-6F + SL280UH110V60C

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	51.5	3.31	40.8	3.14	29.2	2.95	22.2	2.74	11	2.01
1560	51.9	3.21	41.2	3.04	29.7	2.84	22.6	2.64	11.4	1.91
1810	52.9	3.09	42.1	2.92	30.6	2.73	23.6	2.52	12.4	1.79

**XP13-048-230-08 - CX34-49C-6F + SL280UH110V60C
HEATING PERFORMANCE at 1560 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.21	51.9
60	3.17	49.5
55	3.14	47.1
50	3.1	44.7
47	3.08	43.3
45	3.04	41.2
40	2.92	35.9
35	2.81	30.7
30	2.83	30.2
25	2.84	29.7
20	2.86	29.1
17	2.87	28.8
15	2.86	27.8
10	2.82	25.4
5	2.64	22.6
0	2.45	19.8
-5	2.27	17
-10	2.09	14.2
-15	1.91	11.4
-20	1.72	8.6

XP13-048-230-08 - CX34-49C-6F + SLP98UH090V48C

Entering Wet Bulb Temper- ature	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
63°F	1375	46.5	2.88	0.76	0.9	1	44.5	3.26	0.78	0.92	1	42.5	3.69	0.8	0.95	1	39	4.21	0.83	0.99	1
	1580	48	2.89	0.79	0.94	1	46	3.27	0.81	0.97	1	43.5	3.7	0.83	0.99	1	40.5	4.22	0.87	1	1
	1770	49.5	2.9	0.83	0.98	1	47	3.27	0.85	1	1	45	3.71	0.87	1	1	41.5	4.23	0.91	1	1
67°F	1375	49	2.9	0.61	0.74	0.86	47	3.27	0.62	0.75	0.89	44.5	3.71	0.63	0.77	0.91	41	4.23	0.65	0.81	0.96
	1580	51	2.9	0.63	0.77	0.91	48.5	3.28	0.64	0.79	0.94	46	3.71	0.65	0.81	0.97	42	4.24	0.68	0.85	1
	1770	52	2.9	0.65	0.8	0.95	49.5	3.28	0.66	0.82	0.98	47	3.72	0.68	0.85	1	42.5	4.24	0.7	0.89	1
71°F	1375	51.5	2.9	0.46	0.59	0.71	49.5	3.28	0.47	0.6	0.73	47	3.72	0.47	0.61	0.75	43	4.24	0.48	0.64	0.79
	1580	53.5	2.91	0.47	0.61	0.75	51	3.28	0.48	0.63	0.77	48	3.72	0.49	0.64	0.79	43.5	4.25	0.5	0.67	0.83
	1770	54.5	2.91	0.49	0.64	0.78	52	3.29	0.49	0.65	0.8	49	3.73	0.5	0.67	0.83	44.5	4.26	0.52	0.7	0.88

XP13-048-230-08 - CX34-49C-6F + SLP98UH090V48C

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	51.5	3.34	40.8	3.16	29.3	2.96	22.3	2.74	11	2.02
1580	52.1	3.21	41.4	3.03	29.9	2.83	22.9	2.61	11.6	1.89
1770	52.8	3.13	42.1	2.94	30.6	2.74	23.6	2.53	12.3	1.81

**XP13-048-230-08 - CX34-49C-6F + SLP98UH090V48C
HEATING PERFORMANCE at 1580 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.21	52.1
60	3.17	49.7
55	3.14	47.3
50	3.1	44.9
47	3.07	43.5
45	3.03	41.4
40	2.92	36.1
35	2.8	30.9
30	2.82	30.4
25	2.83	29.9
20	2.84	29.4
17	2.85	29.1
15	2.83	28.1
10	2.79	25.7
5	2.61	22.9
0	2.43	20.1
-5	2.25	17.2
-10	2.07	14.4
-15	1.89	11.6
-20	1.71	8.7

XP13-048-230-08 - CX34-49C-6F + SLP98UH090V60C

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
63°F	1460	47.5	2.89	0.78	0.92	1	45	3.26	0.79	0.94	1	43	3.7	0.81	0.97	1	39.5	4.22	0.85	1	1
	1590	48.5	2.89	0.8	0.95	1	46	3.27	0.81	0.97	1	44	3.7	0.84	0.99	1	40.5	4.22	0.87	1	1
	1815	49.5	2.9	0.83	0.99	1	47.5	3.27	0.85	1	1	45	3.71	0.88	1	1	42	4.24	0.92	1	1
67°F	1460	50	2.9	0.62	0.75	0.88	47.5	3.27	0.62	0.77	0.91	45	3.71	0.64	0.79	0.94	41.5	4.23	0.66	0.83	0.98
	1590	51	2.9	0.63	0.77	0.91	48.5	3.28	0.64	0.79	0.94	46	3.71	0.65	0.81	0.97	42	4.24	0.68	0.85	1
	1815	52.5	2.9	0.65	0.81	0.96	50	3.28	0.67	0.83	0.99	47	3.72	0.68	0.86	1	42.5	4.24	0.71	0.9	1
71°F	1460	52.5	2.9	0.47	0.6	0.73	50	3.28	0.47	0.61	0.74	47	3.72	0.48	0.62	0.77	43	4.25	0.49	0.65	0.81
	1590	53.5	2.91	0.47	0.62	0.75	51	3.28	0.48	0.63	0.77	48	3.72	0.49	0.64	0.79	44	4.25	0.5	0.67	0.83
	1815	55	2.91	0.49	0.64	0.79	52	3.29	0.5	0.66	0.81	49	3.73	0.51	0.67	0.84	44.5	4.25	0.52	0.7	0.88

XP13-048-230-08 - CX34-49C-6F + SLP98UH090V60C

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
1460	51.7	3.28	41	3.09	29.5	2.89	22.5	2.68	11.2	1.96
1590	52.1	3.21	41.4	3.02	29.9	2.82	22.9	2.61	11.6	1.89
1815	52.9	3.1	42.2	2.92	30.7	2.72	23.7	2.51	12.4	1.78

**XP13-048-230-08 - CX34-49C-6F + SLP98UH090V60C
HEATING PERFORMANCE at 1590 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.21	52.1
60	3.17	49.7
55	3.13	47.3
50	3.09	44.9
47	3.07	43.5
45	3.02	41.4
40	2.91	36.1
35	2.8	30.9
30	2.81	30.4
25	2.82	29.9
20	2.84	29.4
17	2.84	29.1
15	2.83	28.1
10	2.79	25.7
5	2.61	22.9
0	2.43	20.1
-5	2.25	17.2
-10	2.07	14.4
-15	1.89	11.6
-20	1.71	8.7

XP13-048-230-08 - CX34-49C-6F + SLP98UH110V60C

Entering Wet Bulb Temper- ature	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
63°F	1405	47	2.89	0.77	0.91	1	45	3.26	0.78	0.93	1	42.5	3.7	0.8	0.95	1	39.5	4.21	0.83	0.99	1
	1610	48.5	2.89	0.8	0.95	1	46	3.27	0.82	0.98	1	44	3.7	0.84	1	1	40.5	4.23	0.88	1	1
	1775	49.5	2.9	0.83	0.98	1	47	3.27	0.85	1	1	45	3.71	0.87	1	1	41.5	4.23	0.91	1	1
67°F	1405	49.5	2.9	0.61	0.74	0.87	47	3.27	0.62	0.76	0.89	45	3.71	0.63	0.78	0.92	41	4.23	0.65	0.81	0.97
	1610	51	2.9	0.63	0.77	0.92	48.5	3.28	0.64	0.79	0.94	46	3.71	0.66	0.82	0.97	42	4.24	0.68	0.86	1
	1775	52	2.9	0.65	0.8	0.95	49.5	3.28	0.66	0.82	0.98	47	3.72	0.68	0.85	1	42.5	4.24	0.7	0.89	1
71°F	1405	52	2.9	0.46	0.6	0.72	49.5	3.28	0.47	0.6	0.73	47	3.72	0.47	0.62	0.76	43	4.25	0.49	0.64	0.79
	1610	53.5	2.91	0.48	0.62	0.75	51	3.28	0.48	0.63	0.77	48	3.73	0.49	0.65	0.8	44	4.25	0.5	0.67	0.84
	1775	54.5	2.91	0.49	0.64	0.78	52	3.29	0.49	0.65	0.8	49	3.73	0.5	0.67	0.83	44.5	4.26	0.51	0.7	0.88

XP13-048-230-08 - CX34-49C-6F + SLP98UH110V60C

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	51.5	3.3	40.8	3.13	29.3	2.93	22.3	2.72	10.9	2
1610	52.2	3.19	41.4	3.01	30	2.82	23	2.6	11.6	1.88
1775	52.7	3.12	42	2.94	30.5	2.74	23.5	2.53	12.2	1.81

**XP13-048-230-08 - CX34-49C-6F + SLP98UH110V60C
HEATING PERFORMANCE at 1610 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.19	52.2
60	3.15	49.8
55	3.12	47.4
50	3.08	45
47	3.06	43.5
45	3.01	41.4
40	2.9	36.2
35	2.79	31
30	2.8	30.5
25	2.82	30
20	2.83	29.5
17	2.84	29.2
15	2.82	28.2
10	2.78	25.8
5	2.6	23
0	2.42	20.1
-5	2.24	17.3
-10	2.06	14.4
-15	1.88	11.6
-20	1.7	8.8

XP13-048-230-08 - CX34-60D-6F

Entering Wet Bulb Temper- ature	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
63°F	1400	48	2.93	0.76	0.9	1	46	3.31	0.78	0.92	1	44	3.77	0.79	0.94	1	40.5	4.31	0.83	0.98	1
	1600	49.5	2.94	0.79	0.94	1	47.5	3.32	0.81	0.96	1	45.5	3.78	0.83	0.98	1	41.5	4.32	0.87	1	1
	1800	50.5	2.94	0.82	0.98	1	48.5	3.33	0.84	0.99	1	46.5	3.78	0.86	1	1	42.5	4.33	0.91	1	1
67°F	1400	50.5	2.94	0.61	0.74	0.86	48.5	3.33	0.61	0.75	0.88	46.5	3.78	0.63	0.77	0.91	42.5	4.33	0.65	0.8	0.95
	1600	52	2.95	0.63	0.77	0.9	50	3.33	0.64	0.78	0.93	47.5	3.79	0.65	0.81	0.95	43.5	4.33	0.67	0.85	1
	1800	53.5	2.95	0.65	0.8	0.95	51	3.34	0.66	0.82	0.97	48.5	3.79	0.67	0.84	0.99	44	4.34	0.7	0.88	1
71°F	1400	54	2.95	0.47	0.59	0.71	51.5	3.34	0.47	0.6	0.73	49	3.8	0.47	0.61	0.74	44.5	4.35	0.49	0.64	0.78
	1600	55.5	2.95	0.47	0.61	0.74	53	3.34	0.48	0.62	0.76	50	3.8	0.49	0.64	0.78	45.5	4.36	0.5	0.66	0.83
	1800	56.5	2.96	0.48	0.63	0.77	54	3.35	0.49	0.65	0.79	51	3.81	0.5	0.66	0.82	46.5	4.36	0.51	0.69	0.87

XP13-048-230-08 - CX34-60D-6F

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	52.4	3.31	41.6	3.14	30	2.94	22.9	2.73	11.4	2.01
1600	52.8	3.17	42	3	30.4	2.81	23.3	2.6	11.8	1.88
1800	53.3	3.08	42.5	2.91	30.9	2.72	23.8	2.5	12.3	1.79

XP13-048-230-08 - CX34-60D-6F

HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.17	52.8
60	3.14	50.4
55	3.1	48
50	3.06	45.6
47	3.04	44.1
45	3	42
40	2.89	36.7
35	2.78	31.4
30	2.79	30.9
25	2.81	30.4
20	2.82	29.9
17	2.83	29.6
15	2.81	28.6
10	2.77	26.2
5	2.6	23.3
0	2.42	20.4
-5	2.24	17.5
-10	2.06	14.7
-15	1.88	11.8
-20	1.7	8.9

XP13-048-230-08 - CX34-60D-6F + SL280UH135V60D

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
63°F	1420	48	2.93	0.75	0.9	1	46	3.31	0.77	0.92	1	44	3.77	0.79	0.94	1	40.5	4.31	0.82	0.98	1
	1600	49	2.94	0.79	0.94	1	47.5	3.32	0.8	0.96	1	45	3.77	0.82	0.98	1	41.5	4.32	0.86	1	1
	1835	50.5	2.94	0.82	0.98	1	48.5	3.33	0.84	1	1	46.5	3.78	0.86	1	1	43	4.34	0.91	1	1
67°F	1420	50.5	2.94	0.6	0.73	0.86	48.5	3.33	0.61	0.75	0.88	46.5	3.78	0.62	0.76	0.91	42.5	4.33	0.64	0.8	0.95
	1600	52	2.95	0.62	0.76	0.9	50	3.33	0.63	0.78	0.92	47.5	3.79	0.64	0.8	0.95	43	4.33	0.67	0.84	1
	1835	53.5	2.95	0.65	0.8	0.95	51	3.34	0.66	0.82	0.97	48.5	3.79	0.67	0.84	1	44	4.34	0.7	0.89	1
71°F	1420	54	2.95	0.46	0.59	0.71	51.5	3.34	0.46	0.59	0.72	49	3.8	0.47	0.61	0.74	44.5	4.35	0.48	0.63	0.78
	1600	55	2.96	0.47	0.61	0.74	53	3.34	0.47	0.62	0.76	50	3.8	0.48	0.63	0.78	45.5	4.36	0.49	0.66	0.82
	1835	56.5	2.96	0.48	0.63	0.78	54	3.35	0.49	0.65	0.8	51	3.81	0.5	0.66	0.82	46.5	4.36	0.51	0.69	0.87

XP13-048-230-08 - CX34-60D-6F + SL280UH135V60D

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	3.28	41	3.1	29.4	2.91	22.4	2.7	11.1	1.98
1600	52.2	3.16	41.5	2.99	29.9	2.8	22.9	2.58	11.6	1.87
1835	53.1	3.07	42.3	2.9	30.8	2.71	23.7	2.5	12.4	1.78

**XP13-048-230-08 - CX34-60D-6F + SL280UH135V60D
HEATING PERFORMANCE at 1600 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	3.16	52.2
60	3.13	49.8
55	3.09	47.4
50	3.05	45
47	3.03	43.6
45	2.99	41.5
40	2.88	36.2
35	2.77	31
30	2.78	30.5
25	2.8	29.9
20	2.81	29.4
17	2.81	29.1
15	2.8	28.2
10	2.76	25.7
5	2.58	22.9
0	2.4	20.1
-5	2.23	17.2
-10	2.05	14.4
-15	1.87	11.6
-20	1.69	8.7

XP13-048-230-08 - CX34-60D-6F + SLP98UH135V60D

Entering Wet Bulb Temper- ature	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
63°F	1445	48	2.93	0.76	0.9	1	46	3.32	0.78	0.92	1	44	3.77	0.79	0.95	1	40.5	4.31	0.83	0.99	1
	1615	49.5	2.94	0.79	0.94	1	47.5	3.32	0.8	0.96	1	45	3.78	0.83	0.98	1	41.5	4.32	0.86	1	1
	1805	50.5	2.94	0.82	0.98	1	48.5	3.33	0.84	1	1	46.5	3.78	0.86	1	1	42.5	4.33	0.9	1	1
67°F	1445	51	2.94	0.6	0.74	0.87	49	3.33	0.61	0.75	0.89	46.5	3.79	0.62	0.77	0.91	42.5	4.33	0.64	0.81	0.96
	1615	52	2.95	0.62	0.77	0.9	50	3.33	0.63	0.78	0.93	47.5	3.79	0.64	0.8	0.95	43.5	4.33	0.67	0.84	1
	1805	53.5	2.95	0.64	0.8	0.94	51	3.34	0.66	0.81	0.97	48.5	3.79	0.67	0.84	0.99	44	4.34	0.7	0.88	1
71°F	1445	54	2.95	0.46	0.59	0.71	52	3.34	0.47	0.6	0.73	49	3.8	0.47	0.61	0.75	45	4.35	0.48	0.63	0.79
	1615	55.5	2.95	0.47	0.61	0.74	53	3.34	0.48	0.62	0.76	50	3.8	0.48	0.63	0.78	45.5	4.36	0.49	0.66	0.82
	1805	56.5	2.96	0.48	0.63	0.77	54	3.35	0.49	0.64	0.79	51	3.81	0.49	0.66	0.82	46.5	4.36	0.51	0.69	0.86

XP13-048-230-08 - CX34-60D-6F + SLP98UH135V60D

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	51.9	3.26	41.1	3.08	29.6	2.89	22.6	2.68	11.2	1.97
1615	52.3	3.15	41.5	2.98	30	2.79	23	2.58	11.6	1.87
1805	52.9	3.08	42.2	2.91	30.6	2.72	23.6	2.51	12.2	1.79

**XP13-048-230-08 - CX34-60D-6F + SLP98UH135V60D
HEATING PERFORMANCE at 1615 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	3.15	52.3
60	3.12	49.9
55	3.08	47.5
50	3.05	45.1
47	3.02	43.7
45	2.98	41.5
40	2.87	36.3
35	2.77	31
30	2.78	30.5
25	2.79	30
20	2.8	29.5
17	2.81	29.2
15	2.8	28.2
10	2.76	25.8
5	2.58	23
0	2.4	20.1
-5	2.22	17.3
-10	2.04	14.5
-15	1.87	11.6
-20	1.69	8.8

XP13-060-230-08 - CBX26UH-060

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
63°F	1645	60	3.94	0.72	0.85	0.97	56.5	4.45	0.74	0.87	1	53	5.03	0.76	0.9	1	49	5.73	0.78	0.94	1
	1800	61	3.94	0.74	0.87	1	57.5	4.45	0.75	0.9	1	54	5.05	0.78	0.93	1	50	5.72	0.8	0.97	1
	1960	62	3.95	0.75	0.9	1	58.5	4.47	0.77	0.92	1	55	5.05	0.8	0.96	1	50.5	5.73	0.83	1	1
67°F	1645	63.5	3.95	0.57	0.7	0.81	60	4.47	0.58	0.71	0.84	56.5	5.06	0.59	0.73	0.86	52	5.75	0.61	0.76	0.9
	1800	64.5	3.97	0.58	0.71	0.84	61	4.48	0.59	0.73	0.86	57.5	5.08	0.61	0.75	0.89	53	5.74	0.62	0.78	0.93
	1960	66	3.97	0.59	0.73	0.86	62.5	4.49	0.6	0.75	0.89	58.5	5.07	0.62	0.77	0.92	54	5.75	0.64	0.8	0.97
71°F	1645	67	3.97	0.44	0.56	0.67	63.5	4.5	0.44	0.57	0.69	59.5	5.08	0.45	0.58	0.71	55	5.78	0.45	0.59	0.73
	1800	68	3.98	0.45	0.57	0.69	64.5	4.5	0.45	0.58	0.7	60.5	5.1	0.45	0.59	0.73	56	5.78	0.46	0.61	0.75
	1960	69.5	3.99	0.45	0.58	0.71	66	4.51	0.45	0.59	0.72	61.5	5.11	0.46	0.6	0.75	57	5.78	0.47	0.62	0.78

XP13-060-230-08 - CBX26UH-060

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
1644	67.3	4.57	52.8	4.15	37.2	3.71	28	3.28	13.9	2.43
1800	67.9	4.45	53.3	4.03	37.7	3.6	28.5	3.16	14.5	2.32
1958	68.5	4.34	54	3.93	38.4	3.49	29.2	3.06	15.1	2.21

XP13-060-230-08 - CBX26UH-060

HEATING PERFORMANCE at 1800 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.45	67.9
60	4.35	64.6
55	4.25	61.3
50	4.15	58.1
47	4.1	56.1
45	4.03	53.3
40	3.87	46.2
35	3.71	39.2
30	3.65	38.5
25	3.6	37.7
20	3.54	37
17	3.51	36.6
15	3.47	35.3
10	3.37	32
5	3.16	28.5
0	2.95	25
-5	2.74	21.5
-10	2.53	18
-15	2.32	14.5
-20	2.11	11

XP13-060-230-08 - CBX27UH-060

Entering Wet Bulb Temper- ature	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
63°F	1635	59	3.93	0.73	0.86	0.98	56	4.44	0.75	0.89	1	52.5	5.05	0.77	0.92	1	49	5.72	0.8	0.95	1
	1800	60.5	3.94	0.75	0.89	1	57.5	4.46	0.77	0.92	1	54	5.05	0.79	0.95	1	50	5.72	0.82	0.98	1
	2255	63.5	3.96	0.8	0.96	1	60	4.47	0.83	0.98	1	56.5	5.07	0.85	1	1	53	5.76	0.89	1	1
67°F	1635	62	3.95	0.59	0.71	0.83	59	4.46	0.59	0.73	0.85	55.5	5.06	0.61	0.75	0.88	51.5	5.74	0.63	0.77	0.92
	1800	63.5	3.95	0.6	0.73	0.86	60.5	4.48	0.61	0.75	0.88	56.5	5.06	0.62	0.77	0.91	52.5	5.74	0.64	0.8	0.95
	2255	66.5	3.97	0.63	0.78	0.93	63	4.5	0.64	0.8	0.96	59	5.08	0.66	0.83	0.99	54.5	5.77	0.68	0.87	1
71°F	1635	65	3.97	0.45	0.57	0.69	62	4.48	0.45	0.58	0.7	58.5	5.08	0.45	0.59	0.72	54.5	5.76	0.46	0.61	0.75
	1800	66.5	3.98	0.45	0.58	0.71	63	4.5	0.45	0.59	0.73	59.5	5.08	0.46	0.61	0.75	55	5.77	0.47	0.63	0.78
	2255	69.5	3.99	0.46	0.62	0.76	66	4.51	0.47	0.63	0.78	62	5.1	0.48	0.65	0.81	57.5	5.79	0.49	0.67	0.85

XP13-060-230-08 - CBX27UH-060

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
1635	66	4.16	51.7	3.87	36.4	3.55	27.4	3.23	13.5	2.38
1800	66.9	4.06	52.6	3.76	37.3	3.45	28.3	3.12	14.3	2.27
2255	69	3.84	54.7	3.55	39.4	3.23	30.3	2.91	16.4	2.06

XP13-060-230-08 - CBX27UH-060

HEATING PERFORMANCE at 1800 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	4.06	66.9
60	3.99	63.7
55	3.92	60.5
50	3.86	57.3
47	3.82	55.4
45	3.76	52.6
40	3.62	45.6
35	3.48	38.6
30	3.46	38
25	3.45	37.3
20	3.43	36.6
17	3.42	36.2
15	3.39	34.9
10	3.33	31.7
5	3.12	28.3
0	2.9	24.8
-5	2.69	21.3
-10	2.48	17.8
-15	2.27	14.3
-20	2.05	10.9

XP13-060-230-08 - CBX32MV-060

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
63°F	1625	59	3.91	0.73	0.85	0.97	55.5	4.42	0.74	0.88	0.99	52.5	5	0.76	0.91	1	48.5	5.67	0.79	0.94	1
	1725	59.5	3.92	0.74	0.87	0.99	56.5	4.42	0.75	0.89	1	53	5	0.77	0.93	1	49	5.67	0.8	0.96	1
	2055	61.5	3.93	0.77	0.92	1	58.5	4.43	0.79	0.95	1	55	5.01	0.82	0.98	1	50.5	5.68	0.85	1	1
67°F	1625	62	3.93	0.58	0.7	0.82	59	4.44	0.59	0.72	0.84	55.5	5.02	0.6	0.74	0.87	51.5	5.69	0.61	0.76	0.91
	1725	63	3.94	0.58	0.71	0.84	59.5	4.44	0.59	0.73	0.86	56	5.04	0.61	0.75	0.89	52	5.7	0.62	0.78	0.93
	2055	65.5	3.95	0.61	0.75	0.89	62	4.46	0.62	0.77	0.92	58	5.04	0.63	0.79	0.95	53.5	5.72	0.65	0.83	0.98
71°F	1625	65.5	3.96	0.44	0.56	0.68	62	4.46	0.45	0.57	0.69	58.5	5.05	0.45	0.58	0.71	54	5.71	0.46	0.6	0.74
	1725	66.5	3.95	0.45	0.57	0.69	63	4.46	0.45	0.58	0.7	59	5.05	0.45	0.59	0.73	55	5.73	0.46	0.61	0.75
	2055	69	3.97	0.46	0.59	0.73	65	4.48	0.46	0.6	0.75	61	5.08	0.47	0.62	0.77	56.5	5.74	0.47	0.64	0.8

XP13-060-230-08 - CBX32MV-060

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
1625	65.9	4.36	51.7	4	36.5	3.62	27.5	3.24	13.6	2.39
1725	66.5	4.29	52.3	3.93	37.1	3.54	28.1	3.17	14.3	2.31
2055	68.1	4.1	53.9	3.74	38.7	3.35	29.7	2.98	15.9	2.12

XP13-060-230-08 - CBX32MV-060

HEATING PERFORMANCE at 1725 cfm Indoor Coil Air Volume

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	4.29	66.5
60	4.21	63.3
55	4.12	60.1
50	4.04	57
47	3.99	55.1
45	3.93	52.3
40	3.76	45.4
35	3.6	38.5
30	3.57	37.8
25	3.54	37.1
20	3.51	36.4
17	3.5	36
15	3.46	34.8
10	3.38	31.6
5	3.17	28.1
0	2.95	24.7
-5	2.74	21.2
-10	2.53	17.7
-15	2.31	14.3
-20	2.1	10.8

XP13-060-230-08 - CBX32MV-068

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
63°F	1625	59	3.93	0.71	0.84	0.96	56	4.45	0.73	0.86	0.98	52.5	5.03	0.75	0.89	1	49	5.71	0.77	0.92	1
	1800	60.5	3.94	0.73	0.86	0.99	57.5	4.45	0.75	0.88	1	54	5.04	0.77	0.91	1	50	5.73	0.8	0.95	1
	2075	62.5	3.95	0.76	0.9	1	59	4.46	0.77	0.93	1	55.5	5.05	0.8	0.96	1	51.5	5.75	0.83	1	1
67°F	1625	62.5	3.95	0.57	0.69	0.8	59.5	4.47	0.58	0.71	0.82	56	5.05	0.59	0.72	0.85	52	5.74	0.61	0.75	0.88
	1800	64	3.96	0.58	0.71	0.83	61	4.47	0.59	0.73	0.85	57	5.07	0.6	0.74	0.88	53	5.74	0.62	0.77	0.92
	2075	65.5	3.96	0.6	0.73	0.86	62.5	4.49	0.61	0.75	0.89	58.5	5.08	0.62	0.78	0.92	54.5	5.75	0.64	0.81	0.96
71°F	1625	66	3.97	0.45	0.56	0.67	63	4.48	0.45	0.57	0.68	59	5.08	0.45	0.57	0.7	55	5.76	0.45	0.59	0.72
	1800	67.5	3.98	0.45	0.57	0.68	64	4.49	0.45	0.58	0.7	60.5	5.09	0.45	0.59	0.72	56	5.78	0.46	0.61	0.75
	2075	69.5	3.99	0.45	0.58	0.71	66	4.51	0.46	0.59	0.73	62	5.1	0.46	0.61	0.75	57.5	5.79	0.47	0.63	0.78

XP13-060-230-08 - CBX32MV-068

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
1625	64	4.63	50.1	4.22	35	3.78	26.6	3.37	13	2.5
1800	65	4.52	51.1	4.1	36	3.67	27.6	3.26	14	2.38
2075	66.2	4.35	52.2	3.94	37.2	3.5	28.8	3.09	15.2	2.22

XP13-060-230-08 - CBX32MV-068

HEATING PERFORMANCE at 1800 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.52	65
60	4.42	62
55	4.33	58.9
50	4.23	55.8
47	4.18	53.9
45	4.1	51.1
40	3.92	44
35	3.74	36.9
30	3.7	36.5
25	3.67	36
20	3.63	35.6
17	3.61	35.3
15	3.57	34.1
10	3.48	31
5	3.26	27.6
0	3.04	24.2
-5	2.82	20.8
-10	2.6	17.4
-15	2.38	14
-20	2.17	10.6

XP13-060-230-08 - CBX40UHV-060

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
63°F	1625	59	3.91	0.73	0.85	0.97	55.5	4.42	0.74	0.88	0.99	52.5	5	0.76	0.91	1	48.5	5.67	0.79	0.94	1
	1725	59.5	3.92	0.74	0.87	0.99	56.5	4.42	0.75	0.89	1	53	5	0.77	0.93	1	49	5.67	0.8	0.96	1
	2055	61.5	3.93	0.77	0.92	1	58.5	4.43	0.79	0.95	1	55	5.01	0.82	0.98	1	50.5	5.68	0.85	1	1
67°F	1625	62	3.93	0.58	0.7	0.82	59	4.44	0.59	0.72	0.84	55.5	5.02	0.6	0.74	0.87	51.5	5.69	0.61	0.76	0.91
	1725	63	3.94	0.58	0.71	0.84	59.5	4.44	0.59	0.73	0.86	56	5.04	0.61	0.75	0.89	52	5.7	0.62	0.78	0.93
	2055	65.5	3.95	0.61	0.75	0.89	62	4.46	0.62	0.77	0.92	58	5.04	0.63	0.79	0.95	53.5	5.72	0.65	0.83	0.98
71°F	1625	65.5	3.96	0.44	0.56	0.68	62	4.46	0.45	0.57	0.69	58.5	5.05	0.45	0.58	0.71	54	5.71	0.46	0.6	0.74
	1725	66.5	3.95	0.45	0.57	0.69	63	4.46	0.45	0.58	0.7	59	5.05	0.45	0.59	0.73	55	5.73	0.46	0.61	0.75
	2055	69	3.97	0.46	0.59	0.73	65	4.48	0.46	0.6	0.75	61	5.08	0.47	0.62	0.77	56.5	5.74	0.47	0.64	0.8

XP13-060-230-08 - CBX40UHV-060

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
1625	66	4.36	51.8	4	36.7	3.62	27.7	3.24	13.8	2.39
1725	66.5	4.29	52.3	3.93	37.1	3.54	28.1	3.17	14.3	2.31
2055	68	4.1	53.8	3.74	38.6	3.35	29.7	2.98	15.8	2.12

XP13-060-230-08 - CBX40UHV-060

HEATING PERFORMANCE at 1725 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.29	66.5
60	4.21	63.3
55	4.12	60.1
50	4.04	56.9
47	3.99	55
45	3.93	52.3
40	3.76	45.3
35	3.6	38.4
30	3.57	37.8
25	3.54	37.1
20	3.51	36.4
17	3.5	36
15	3.46	34.7
10	3.38	31.6
5	3.17	28.1
0	2.95	24.6
-5	2.74	21.2
-10	2.53	17.7
-15	2.31	14.3
-20	2.1	10.8

XP13-060-230-08 - CH33-62D-2F + SL280UH135V60D

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
63°F	1600	59.5	3.97	0.72	0.83	0.94	56.5	4.49	0.73	0.85	0.97	53.5	5.12	0.74	0.87	0.99	49.5	5.82	0.77	0.9	1
	1835	61.5	3.99	0.74	0.86	0.98	58.5	4.51	0.75	0.88	1	55	5.12	0.77	0.91	1	51	5.83	0.79	0.95	1
	2105	63.5	4	0.76	0.9	1	60	4.52	0.78	0.92	1	56.5	5.13	0.8	0.95	1	52.5	5.84	0.82	0.99	1
67°F	1600	62.5	3.99	0.58	0.69	0.8	59.5	4.52	0.59	0.7	0.81	56	5.12	0.6	0.72	0.84	52.5	5.84	0.61	0.74	0.87
	1835	64.5	4.01	0.6	0.71	0.83	61.5	4.52	0.61	0.73	0.85	58	5.14	0.61	0.74	0.87	54	5.84	0.63	0.77	0.91
	2105	66.5	4.01	0.61	0.74	0.86	63	4.54	0.62	0.75	0.89	59.5	5.15	0.63	0.77	0.91	55.5	5.84	0.65	0.8	0.95
71°F	1600	65	4	0.46	0.56	0.67	62	4.52	0.46	0.57	0.68	58.5	5.14	0.47	0.58	0.69	54.5	5.84	0.47	0.59	0.71
	1835	67	4.01	0.47	0.58	0.69	64	4.55	0.47	0.59	0.7	60.5	5.15	0.48	0.6	0.72	56	5.86	0.48	0.61	0.74
	2105	69	4.03	0.47	0.6	0.71	65.5	4.55	0.48	0.61	0.73	62	5.16	0.49	0.62	0.75	57.5	5.86	0.49	0.64	0.78

XP13-060-230-08 - CH33-62D-2F + SL280UH135V60D

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
1600	65.5	4.66	51.3	4.25	36	3.81	26.9	3.39	13.1	2.53
1835	66.7	4.49	52.4	4.07	37.1	3.64	28	3.22	14.2	2.36
2105	67.8	4.32	53.5	3.91	38.3	3.48	29.2	3.05	15.4	2.19

**XP13-060-230-08 - CH33-62D-2F + SL280UH135V60D
HEATING PERFORMANCE at 1835 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.49	66.7
60	4.39	63.5
55	4.3	60.3
50	4.2	57.1
47	4.14	55.1
45	4.07	52.4
40	3.9	45.5
35	3.73	38.5
30	3.69	37.8
25	3.64	37.1
20	3.59	36.4
17	3.57	35.9
15	3.53	34.7
10	3.43	31.5
5	3.22	28
0	3	24.6
-5	2.79	21.1
-10	2.57	17.7
-15	2.36	14.2
-20	2.14	10.8

XP13-060-230-08 - CH33-62D-2F + SLP98UH135V60D

Entering Wet Bulb Temper- ature	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
63°F	1565	59	3.97	0.71	0.83	0.94	56	4.5	0.72	0.84	0.96	53	5.11	0.74	0.87	0.99	49.5	5.81	0.76	0.9	1
	1805	61	3.99	0.73	0.86	0.97	58.5	4.51	0.75	0.88	1	55	5.12	0.77	0.9	1	51	5.83	0.79	0.94	1
	2070	63	4	0.76	0.89	1	60	4.52	0.77	0.92	1	56.5	5.13	0.8	0.95	1	52.5	5.84	0.82	0.98	1
67°F	1565	62	4	0.58	0.69	0.79	59	4.51	0.59	0.7	0.81	56	5.12	0.6	0.71	0.83	52	5.84	0.61	0.74	0.86
	1805	64	4	0.59	0.71	0.82	61	4.52	0.6	0.72	0.84	57.5	5.13	0.61	0.74	0.87	53.5	5.84	0.63	0.77	0.9
	2070	66	4.01	0.61	0.73	0.86	63	4.54	0.62	0.75	0.88	59.5	5.15	0.63	0.77	0.91	55	5.86	0.65	0.8	0.95
71°F	1565	64.5	4	0.46	0.56	0.66	61.5	4.52	0.46	0.57	0.67	58.5	5.13	0.46	0.58	0.69	54.5	5.84	0.47	0.59	0.71
	1805	66.5	4.01	0.47	0.58	0.69	63.5	4.54	0.47	0.59	0.7	60	5.15	0.47	0.6	0.72	56	5.86	0.48	0.61	0.74
	2070	68.5	4.02	0.47	0.6	0.71	65.5	4.55	0.48	0.61	0.73	61.5	5.16	0.48	0.62	0.75	57.5	5.86	0.49	0.64	0.77

XP13-060-230-08 - CH33-62D-2F + SLP98UH135V60D

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	65.4	4.7	51.1	4.28	35.8	3.84	26.7	3.4	13	2.54
1805	66.6	4.51	52.3	4.09	37	3.65	27.9	3.22	14.2	2.36
2070	67.9	4.36	53.6	3.94	38.3	3.5	29.2	3.06	15.5	2.2

**XP13-060-230-08 - CH33-62D-2F + SLP98UH135V60D
HEATING PERFORMANCE at 1805 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	4.51	66.6
60	4.42	63.4
55	4.32	60.2
50	4.22	57
47	4.16	55
45	4.09	52.3
40	3.92	45.4
35	3.76	38.5
30	3.7	37.7
25	3.65	37
20	3.6	36.3
17	3.57	35.8
15	3.53	34.6
10	3.44	31.4
5	3.22	27.9
0	3.01	24.5
-5	2.79	21.1
-10	2.58	17.6
-15	2.36	14.2
-20	2.15	10.8

XP13-060-230-08 - CX34-62C-6F

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
63°F	1575	59.5	3.87	0.74	0.86	0.98	56.5	4.37	0.75	0.89	1	53	4.93	0.77	0.91	1	49.5	5.58	0.8	0.95	1
	1800	61.5	3.89	0.77	0.9	1	58	4.38	0.78	0.93	1	55	4.95	0.8	0.96	1	51	5.61	0.83	0.99	1
	2025	63	3.9	0.79	0.94	1	59.5	4.4	0.81	0.97	1	56	4.97	0.84	0.99	1	52.5	5.61	0.87	1	1
67°F	1575	63	3.9	0.59	0.71	0.83	60	4.4	0.6	0.73	0.85	56.5	4.96	0.61	0.75	0.88	52.5	5.61	0.63	0.77	0.91
	1800	65	3.91	0.61	0.74	0.87	61.5	4.41	0.62	0.76	0.89	58	4.98	0.63	0.78	0.92	53.5	5.63	0.65	0.81	0.96
	2025	66.5	3.92	0.62	0.77	0.9	63	4.42	0.64	0.79	0.93	59	4.99	0.65	0.81	0.96	55	5.64	0.67	0.85	1
71°F	1575	66	3.92	0.46	0.58	0.69	63	4.42	0.46	0.59	0.7	59.5	4.99	0.47	0.6	0.73	55.5	5.64	0.48	0.61	0.74
	1800	68.5	3.94	0.47	0.59	0.72	64.5	4.43	0.47	0.6	0.73	61	5.01	0.48	0.62	0.75	56.5	5.66	0.49	0.64	0.79
	2025	70	3.94	0.47	0.61	0.74	66.5	4.45	0.48	0.62	0.76	62.5	5.02	0.49	0.64	0.79	58	5.67	0.5	0.66	0.82

XP13-060-230-08 - CX34-62C-6F

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	66.2	4.33	51.4	3.99	35.6	3.63	26.3	3.27	13	2.43
1800	67.1	4.16	52.3	3.82	36.5	3.47	27.1	3.11	13.9	2.27
2025	67.8	4.04	53	3.7	37.3	3.35	27.9	2.99	14.6	2.15

XP13-060-230-08 - CX34-62C-6F

HEATING PERFORMANCE at 1800 cfm Indoor Coil Air Volume

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.16	67.1
60	4.08	63.7
55	4.01	60.4
50	3.93	57.1
47	3.89	55.1
45	3.82	52.3
40	3.67	45.3
35	3.52	38.3
30	3.49	37.4
25	3.47	36.5
20	3.44	35.6
17	3.43	35.1
15	3.4	33.8
10	3.32	30.5
5	3.11	27.1
0	2.9	23.8
-5	2.69	20.5
-10	2.48	17.2
-15	2.27	13.9
-20	2.06	10.5

XP13-060-230-08 - CX34-62C-6F + SL280UH090V60C

Entering Wet Bulb Temper- ature	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
63°F	1575	59.5	3.87	0.73	0.86	0.98	56.5	4.37	0.75	0.88	1	53	4.93	0.77	0.91	1	49.5	5.58	0.79	0.94	1
	1815	61.5	3.89	0.76	0.9	1	58.5	4.38	0.78	0.93	1	55	4.95	0.8	0.96	1	51	5.61	0.83	0.99	1
	2000	63	3.9	0.79	0.93	1	59.5	4.39	0.81	0.96	1	56	4.96	0.83	0.99	1	52	5.61	0.87	1	1
67°F	1575	63	3.9	0.59	0.71	0.83	59.5	4.4	0.6	0.72	0.85	56	4.96	0.61	0.74	0.87	52.5	5.61	0.62	0.77	0.91
	1815	65	3.91	0.61	0.74	0.87	61.5	4.41	0.62	0.76	0.89	58	4.98	0.63	0.78	0.92	53.5	5.63	0.65	0.81	0.96
	2000	66	3.92	0.62	0.76	0.9	63	4.42	0.64	0.78	0.93	59	4.99	0.65	0.81	0.96	55	5.64	0.67	0.84	1
71°F	1575	66	3.92	0.45	0.57	0.68	63	4.42	0.46	0.58	0.7	59	4.99	0.47	0.59	0.72	55	5.64	0.47	0.61	0.74
	1815	68.5	3.93	0.47	0.59	0.72	65	4.43	0.47	0.6	0.73	61	5.01	0.48	0.62	0.75	57	5.66	0.49	0.64	0.79
	2000	69.5	3.94	0.47	0.61	0.74	66	4.45	0.48	0.62	0.76	62	5.02	0.49	0.64	0.79	58	5.67	0.5	0.66	0.82

XP13-060-230-08 - CX34-62C-6F + SL280UH090V60C

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	65.8	4.31	51	3.98	35.2	3.62	25.8	3.27	12.7	2.43
1815	66.9	4.14	52.1	3.81	36.3	3.46	26.9	3.1	13.8	2.26
2000	67.8	4.05	53	3.72	37.2	3.36	27.9	3.01	14.7	2.17

**XP13-060-230-08 - CX34-62C-6F + SL280UH090V60C
HEATING PERFORMANCE at 1815 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	4.14	66.9
60	4.07	63.5
55	3.99	60.2
50	3.92	56.9
47	3.87	54.9
45	3.81	52.1
40	3.66	45.1
35	3.5	38.1
30	3.48	37.2
25	3.46	36.3
20	3.43	35.4
17	3.42	34.9
15	3.39	33.6
10	3.31	30.2
5	3.1	26.9
0	2.89	23.6
-5	2.68	20.3
-10	2.47	17.1
-15	2.26	13.8
-20	2.05	10.5

XP13-060-230-08 - CX34-62C-6F + SL280UH110V60C

Entering Wet Bulb Temper- ature	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
63°F	1560	59	3.87	0.73	0.86	0.98	56	4.37	0.75	0.88	1	53	4.93	0.76	0.91	1	49.5	5.58	0.79	0.94	1
	1810	61.5	3.89	0.77	0.9	1	58.5	4.38	0.78	0.93	1	55	4.95	0.81	0.96	1	51	5.61	0.84	0.99	1
	2015	63	3.9	0.79	0.94	1	59.5	4.4	0.81	0.97	1	56	4.97	0.84	0.99	1	52.5	5.61	0.87	1	1
67°F	1560	62.5	3.9	0.59	0.71	0.82	59.5	4.4	0.6	0.72	0.85	56	4.96	0.61	0.74	0.87	52	5.61	0.62	0.77	0.91
	1810	65	3.91	0.61	0.74	0.87	61.5	4.41	0.62	0.76	0.89	58	4.98	0.63	0.78	0.92	53.5	5.63	0.65	0.81	0.96
	2015	66.5	3.92	0.62	0.77	0.9	63	4.42	0.64	0.79	0.93	59	4.99	0.66	0.81	0.96	55	5.64	0.68	0.85	1
71°F	1560	66	3.92	0.46	0.57	0.69	62.5	4.42	0.46	0.58	0.7	59	4.99	0.47	0.59	0.72	55	5.64	0.47	0.61	0.74
	1810	68.5	3.93	0.47	0.59	0.72	65	4.43	0.47	0.6	0.73	61	5.01	0.48	0.62	0.75	57	5.66	0.49	0.64	0.79
	2015	70	3.94	0.48	0.61	0.74	66.5	4.45	0.48	0.62	0.76	62.5	5.02	0.49	0.64	0.79	58	5.67	0.5	0.66	0.82

XP13-060-230-08 - CX34-62C-6F + SL280UH110V60C

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
1560	65.7	4.33	51	3.99	35.2	3.64	25.9	3.28	12.6	2.44
1810	67	4.15	52.2	3.82	36.5	3.46	27.1	3.11	13.8	2.26
2015	68	4.05	53.3	3.72	37.6	3.36	28.2	3.01	14.9	2.17

**XP13-060-230-08 - CX34-62C-6F + SL280UH110V60C
HEATING PERFORMANCE at 1810 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	4.15	67
60	4.07	63.6
55	4	60.3
50	3.92	57
47	3.88	55
45	3.82	52.2
40	3.66	45.2
35	3.51	38.2
30	3.49	37.4
25	3.46	36.5
20	3.44	35.6
17	3.42	35.1
15	3.39	33.7
10	3.32	30.4
5	3.11	27.1
0	2.9	23.8
-5	2.69	20.5
-10	2.47	17.1
-15	2.26	13.8
-20	2.05	10.5

XP13-060-230-08 - CX34-62C-6F + SLP98UH090V48C

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
63°F	1580	59.5	3.87	0.73	0.86	0.98	56.5	4.37	0.75	0.89	1	53	4.93	0.77	0.91	1	49.5	5.58	0.8	0.95	1
	1770	61	3.88	0.76	0.9	1	58	4.38	0.78	0.92	1	54.5	4.95	0.8	0.95	1	51	5.61	0.83	0.99	1
	1770	61	3.88	0.76	0.9	1	58	4.38	0.78	0.92	1	54.5	4.95	0.8	0.95	1	51	5.61	0.83	0.99	1
67°F	1580	63	3.9	0.59	0.71	0.83	60	4.4	0.6	0.73	0.85	56.5	4.96	0.61	0.74	0.88	52.5	5.61	0.63	0.77	0.91
	1770	64.5	3.91	0.61	0.74	0.86	61.5	4.41	0.62	0.75	0.89	57.5	4.98	0.63	0.78	0.92	53.5	5.63	0.65	0.8	0.95
	1770	64.5	3.91	0.61	0.74	0.86	61.5	4.41	0.62	0.75	0.89	57.5	4.98	0.63	0.78	0.92	53.5	5.63	0.65	0.8	0.95
71°F	1580	66	3.92	0.46	0.57	0.69	63	4.42	0.46	0.58	0.7	59.5	4.99	0.47	0.59	0.72	55.5	5.64	0.47	0.61	0.74
	1770	68	3.93	0.47	0.59	0.71	64.5	4.43	0.47	0.6	0.73	61	5	0.48	0.61	0.75	56.5	5.66	0.49	0.63	0.78
	1770	68	3.93	0.47	0.59	0.71	64.5	4.43	0.47	0.6	0.73	61	5	0.48	0.61	0.75	56.5	5.66	0.49	0.63	0.78

XP13-060-230-08 - CX34-62C-6F + SLP98UH090V48C

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
1580	65.9	4.32	51.2	3.98	35.5	3.61	26.1	3.25	12.9	2.41
1770	66.9	4.19	52.2	3.84	36.5	3.48	27.1	3.12	13.8	2.27
1770	66.9	4.19	52.2	3.84	36.5	3.48	27.1	3.12	13.8	2.27

**XP13-060-230-08 - CX34-62C-6F + SLP98UH090V48C
HEATING PERFORMANCE at 1770 cfm Indoor Coil Air Volume**

Outdoor Temperature	Compressor Motor Input	Total Output
°F	kW	kBtuh
65	4.19	66.9
60	4.11	63.6
55	4.03	60.2
50	3.95	56.9
47	3.91	54.9
45	3.84	52.2
40	3.69	45.2
35	3.53	38.2
30	3.5	37.4
25	3.48	36.5
20	3.45	35.6
17	3.44	35.1
15	3.41	33.8
10	3.33	30.4
5	3.12	27.1
0	2.91	23.8
-5	2.7	20.5
-10	2.49	17.2
-15	2.27	13.8
-20	2.06	10.5

XP13-060-230-08 - CX34-62C-6F + SLP98UH110V60C

Entering Wet Bulb Temper- ature	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
63°F	1565	59.5	3.87	0.73	0.86	0.98	56.5	4.37	0.75	0.88	1	53	4.93	0.77	0.91	1	49.5	5.58	0.79	0.94	1
	1775	61	3.88	0.76	0.9	1	58	4.38	0.78	0.92	1	54.5	4.95	0.8	0.95	1	51	5.61	0.83	0.99	1
	2125	64	3.9	0.81	0.96	1	60.5	4.4	0.83	0.98	1	57	4.97	0.86	1	1	53.5	5.63	0.89	1	1
67°F	1565	63	3.9	0.59	0.71	0.83	59.5	4.4	0.6	0.72	0.85	56	4.96	0.61	0.74	0.87	52.5	5.61	0.62	0.77	0.91
	1775	64.5	3.91	0.61	0.74	0.86	61.5	4.41	0.62	0.75	0.89	57.5	4.98	0.63	0.78	0.92	53.5	5.63	0.65	0.81	0.96
	2125	67	3.93	0.64	0.78	0.93	63.5	4.43	0.65	0.8	0.95	59.5	4.99	0.67	0.83	0.99	55.5	5.65	0.69	0.87	1
71°F	1565	66	3.92	0.46	0.57	0.69	63	4.42	0.46	0.58	0.7	59	4.99	0.47	0.59	0.72	55	5.64	0.47	0.61	0.74
	1775	68	3.93	0.47	0.59	0.71	64.5	4.43	0.47	0.6	0.73	61	5.01	0.48	0.62	0.75	56.5	5.66	0.49	0.63	0.78
	2125	70.5	3.95	0.48	0.62	0.76	67	4.46	0.49	0.64	0.78	63	5.02	0.5	0.66	0.81	58.5	5.68	0.51	0.68	0.84

XP13-060-230-08 - CX34-62C-6F + SLP98UH110V60C

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	65.8	4.33	51.1	3.99	35.4	3.63	26.1	3.27	12.8	2.42
1775	66.9	4.18	52.2	3.84	36.5	3.48	27.1	3.12	13.8	2.27
2125	68.6	4	53.9	3.66	38.2	3.3	28.8	2.94	15.6	2.1

**XP13-060-230-08 - CX34-62C-6F + SLP98UH110V60C
HEATING PERFORMANCE at 1775 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	4.18	66.9
60	4.1	63.6
55	4.03	60.3
50	3.95	56.9
47	3.9	55
45	3.84	52.2
40	3.68	45.2
35	3.53	38.2
30	3.5	37.4
25	3.48	36.5
20	3.45	35.6
17	3.44	35.1
15	3.4	33.7
10	3.33	30.4
5	3.12	27.1
0	2.91	23.8
-5	2.69	20.5
-10	2.48	17.2
-15	2.27	13.8
-20	2.06	10.5

XP13-060-230-08 - CX34-62D-6F + SL280UH135V60D

Entering Wet Bulb Temper- ature	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
63°F	1600	59.5	3.84	0.72	0.84	0.96	56.5	4.33	0.74	0.86	0.98	53.5	4.89	0.75	0.89	1	49.5	5.52	0.78	0.92	1
	1835	61.5	3.86	0.75	0.88	1	58.5	4.35	0.77	0.9	1	55	4.9	0.79	0.93	1	51	5.54	0.81	0.97	1
	2105	63	3.88	0.78	0.92	1	60	4.36	0.8	0.95	1	56.5	4.92	0.82	0.98	1	52.5	5.55	0.85	1	1
67°F	1600	62.5	3.87	0.58	0.7	0.81	59.5	4.36	0.59	0.71	0.83	56	4.91	0.6	0.73	0.85	52.5	5.55	0.61	0.75	0.89
	1835	64.5	3.88	0.6	0.72	0.85	61.5	4.37	0.61	0.74	0.87	58	4.93	0.62	0.76	0.9	54	5.57	0.64	0.79	0.93
	2105	66.5	3.9	0.62	0.75	0.89	63	4.39	0.63	0.77	0.91	59.5	4.95	0.65	0.8	0.95	55	5.58	0.66	0.83	0.98
71°F	1600	65	3.89	0.46	0.57	0.68	62	4.38	0.46	0.58	0.69	58.5	4.94	0.47	0.59	0.71	54.5	5.57	0.47	0.6	0.73
	1835	67.5	3.9	0.46	0.59	0.7	64	4.4	0.47	0.6	0.72	60.5	4.95	0.48	0.61	0.74	56.5	5.59	0.48	0.63	0.76
	2105	69	3.92	0.48	0.61	0.73	66	4.41	0.48	0.62	0.75	62	4.98	0.49	0.63	0.77	58	5.61	0.5	0.65	0.8

XP13-060-230-08 - CX34-62D-6F + SL280UH135V60D

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
1600	64.3	4.42	50.6	4.09	35.8	3.74	27.3	3.38	13.3	2.51
1835	65.4	4.25	51.6	3.92	36.9	3.57	28.3	3.22	14.3	2.34
2105	66.5	4.12	52.8	3.79	38	3.43	29.4	3.08	15.4	2.21

**XP13-060-230-08 - CX34-62D-6F + SL280UH135V60D
HEATING PERFORMANCE at 1835 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	4.25	65.4
60	4.18	62.3
55	4.1	59.3
50	4.03	56.2
47	3.99	54.4
45	3.92	51.6
40	3.76	44.7
35	3.61	37.8
30	3.59	37.4
25	3.57	36.9
20	3.55	36.4
17	3.54	36.1
15	3.51	34.9
10	3.44	31.8
5	3.22	28.3
0	3	24.8
-5	2.78	21.3
-10	2.56	17.8
-15	2.34	14.3
-20	2.12	10.8

XP13-060-230-08 - CX34-62D-6F + SLP98UH135V60D

Entering Wet Bulb Temper- ature	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
63°F	1565	59	3.84	0.72	0.84	0.96	56	4.33	0.73	0.86	0.98	53	4.88	0.75	0.88	1	49.5	5.52	0.77	0.91	1
	1805	61	3.86	0.74	0.87	1	58	4.34	0.76	0.9	1	55	4.9	0.78	0.93	1	51	5.53	0.81	0.96	1
	2070	63	3.87	0.77	0.92	1	60	4.36	0.79	0.94	1	56.5	4.92	0.82	0.97	1	52.5	5.55	0.85	1	1
67°F	1565	62	3.87	0.58	0.7	0.81	59	4.35	0.59	0.71	0.83	55.5	4.91	0.6	0.72	0.85	52	5.54	0.61	0.75	0.88
	1805	64	3.88	0.6	0.72	0.84	61	4.37	0.61	0.74	0.87	57.5	4.93	0.62	0.76	0.89	53.5	5.57	0.64	0.78	0.93
	2070	66	3.89	0.62	0.75	0.88	63	4.39	0.63	0.77	0.91	59	4.95	0.64	0.79	0.94	55	5.58	0.66	0.82	0.98
71°F	1565	65	3.88	0.46	0.57	0.67	62	4.38	0.46	0.58	0.69	58.5	4.94	0.47	0.59	0.7	54.5	5.57	0.47	0.6	0.72
	1805	67	3.9	0.46	0.59	0.7	63.5	4.4	0.47	0.59	0.71	60	4.95	0.48	0.61	0.73	56	5.59	0.48	0.62	0.76
	2070	69	3.92	0.48	0.6	0.73	65.5	4.41	0.48	0.62	0.75	62	4.97	0.49	0.63	0.77	57.5	5.6	0.5	0.65	0.8

XP13-060-230-08 - CX34-62D-6F + SLP98UH135V60D

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	64.1	4.45	50.4	4.12	35.7	3.75	27.1	3.4	13.2	2.52
1805	65.2	4.28	51.5	3.94	36.8	3.58	28.3	3.23	14.3	2.35
2070	66.5	4.15	52.8	3.81	38	3.45	29.5	3.09	15.5	2.21

**XP13-060-230-08 - CX34-62D-6F + SLP98UH135V60D
HEATING PERFORMANCE at 1805 cfm Indoor Coil Air Volume**

Outdoor Temperature °F	Compressor Motor Input kW	Total Output kBtuh
65	4.28	65.2
60	4.21	62.2
55	4.13	59.2
50	4.05	56.1
47	4.01	54.3
45	3.94	51.5
40	3.78	44.6
35	3.62	37.7
30	3.6	37.3
25	3.58	36.8
20	3.56	36.3
17	3.55	36
15	3.52	34.8
10	3.44	31.7
5	3.23	28.3
0	3.01	24.8
-5	2.79	21.3
-10	2.57	17.8
-15	2.35	14.3
-20	2.13	10.8