

# HEAT PUMP OUTDOOR UNITS



**ENGINEERING DATA**

## XP15 DAVE LENNOX SIGNATURE® COLLECTION Expanded Rating Tables

Bulletin No. 210459R  
April 2009  
Supersedes April 2007

### RATINGS

**2 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

### AIR HANDLERS

[CBX27UH-030]

#### COOLING CAPACITY - XP15-024 with

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
	Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb				
				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C		
cfm	L/s	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW			
63°F (17°C)	725	340	24.0	7.0	1.37	.76	.91	1.00	22.8	6.7	1.57	.78	.94	1.00	21.4	6.3	1.80	.80	.97	1.00	19.9	5.8	2.07	.83	1.00	1.00
	800	380	24.6	7.2	1.37	.79	.94	1.00	23.2	6.8	1.57	.81	.97	1.00	21.8	6.4	1.81	.83	1.00	1.00	20.4	6.0	2.06	.86	1.00	1.00
67°F (19°C)	725	340	25.4	7.4	1.37	.60	.74	.87	24.2	7.1	1.57	.61	.76	.90	22.8	6.7	1.80	.62	.78	.93	21.2	6.2	2.07	.64	.81	.97
	800	380	26.0	7.6	1.37	.61	.76	.91	24.6	7.2	1.57	.62	.78	.94	23.2	6.8	1.80	.64	.81	.97	21.4	6.3	2.06	.66	.84	1.00
71°F (22°C)	725	340	26.8	7.9	1.37	.45	.58	.71	25.6	7.5	1.58	.45	.59	.73	24.0	7.0	1.80	.46	.61	.75	22.4	6.6	2.07	.47	.63	.78
	800	380	27.4	8.0	1.37	.45	.60	.74	26.0	7.6	1.57	.46	.61	.76	24.4	7.2	1.80	.47	.63	.78	22.8	6.7	2.07	.47	.65	.81

#### HEATING CAPACITY - XP15-024 with

[CBX27UH-030]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input		
cfm	L/s	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh
725	340	26.4	7.7	1.63	20.3	5.9	1.53	13.9	4.1	1.42	9.9	2.9	1.31	5.0	1.5	.96				
800	380	26.6	7.8	1.59	20.5	6.0	1.49	14.1	4.1	1.38	10.1	3.0	1.26	5.2	1.5	.92				

#### HEATING PERFORMANCE at 800 cfm (380 L/s) Indoor Coil Air Volume XP15-024 with

[CBX27UH-030]

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.59	26.6	7.8
60	16	1.56	25.2	7.4
55	13	1.54	23.8	7.0
50	10	1.52	22.4	6.6
47	8	1.51	21.6	6.3
45	7	1.49	20.5	6.0
40	4	1.43	17.9	5.2
35	2	1.37	15.2	4.5
30	-1	1.37	14.7	4.3
25	-4	1.38	14.1	4.1
20	-7	1.38	13.6	4.0
17	-8	1.38	13.2	3.9
15	-9	1.37	12.7	3.7
10	-12	1.35	11.3	3.3
5	-15	1.26	10.1	3.0
0	-18	1.18	8.8	2.6
-5	-21	1.09	7.6	2.2
-10	-23	1.00	6.4	1.9
-15	-26	.92	5.2	1.5
-20	-29	.83	4.0	1.2

**RATINGS**

**2 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**AIR HANDLERS**

**COOLING CAPACITY - XP15-024 with**

**[CBX32M-030]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	22.8	6.7	1.38	.72	.85	.98	21.8	6.4	1.58	.74	.87	1.00	20.4	6.0	1.81	.76	.90	1.00	19.1	5.6	2.08	.78	.93	1.00
	800	380	24.4	7.2	1.37	.78	.94	1.00	23.2	6.8	1.58	.80	.97	1.00	21.8	6.4	1.81	.83	.99	1.00	20.4	6.0	2.07	.86	1.00	1.00
	1000	470	25.6	7.5	1.37	.85	1.00	1.00	24.4	7.2	1.58	.87	1.00	1.00	23.0	6.7	1.81	.90	1.00	1.00	21.6	6.3	2.07	.94	1.00	1.00
67°F (19°C)	600	285	24.4	7.2	1.38	.57	.70	.82	23.0	6.7	1.58	.58	.71	.84	21.8	6.4	1.81	.59	.73	.86	20.2	5.9	2.08	.61	.75	.90
	800	380	25.8	7.6	1.37	.61	.76	.91	24.6	7.2	1.57	.62	.78	.93	23.0	6.7	1.80	.64	.80	.97	21.4	6.3	2.07	.66	.84	.99
	1000	470	27.0	7.9	1.37	.65	.82	.98	25.4	7.4	1.58	.66	.85	1.00	23.8	7.0	1.81	.68	.88	1.00	22.2	6.5	2.07	.70	.92	1.00
71°F (22°C)	600	285	25.6	7.5	1.37	.44	.56	.67	24.4	7.2	1.58	.44	.57	.69	23.0	6.7	1.81	.45	.58	.70	21.4	6.3	2.07	.45	.59	.73
	800	380	27.4	8.0	1.37	.45	.60	.74	25.8	7.6	1.58	.46	.61	.76	24.4	7.2	1.81	.47	.62	.78	22.6	6.6	2.07	.47	.64	.81
	1000	470	28.4	8.3	1.38	.47	.64	.80	27.0	7.9	1.58	.48	.65	.83	25.2	7.4	1.82	.49	.67	.85	23.6	6.9	2.07	.49	.70	.89

**COOLING CAPACITY - XP15-024 with**

**[CBX32MV-024/030] [CBX40UHV-030]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	22.8	6.7	1.49	.72	.85	.98	21.8	6.4	1.70	.74	.87	1.00	20.4	6.0	1.95	.76	.90	1.00	19.0	5.6	2.24	.78	.93	1.00
	800	380	24.4	7.2	1.49	.78	.94	1.00	23.0	6.7	1.71	.80	.97	1.00	21.8	6.4	1.96	.83	.99	1.00	20.4	6.0	2.24	.86	1.00	1.00
	1000	470	25.4	7.4	1.48	.85	1.00	1.00	24.2	7.1	1.71	.87	1.00	1.00	23.0	6.7	1.95	.90	1.00	1.00	21.6	6.3	2.24	.94	1.00	1.00
67°F (19°C)	600	285	24.2	7.1	1.49	.57	.70	.82	23.0	6.7	1.71	.58	.71	.84	21.6	6.3	1.95	.59	.73	.86	20.2	5.9	2.24	.61	.75	.90
	800	380	25.8	7.6	1.48	.61	.76	.91	24.4	7.2	1.70	.62	.78	.93	23.0	6.7	1.95	.64	.80	.97	21.4	6.3	2.24	.66	.84	1.00
	1000	470	27.0	7.9	1.48	.65	.82	.98	25.4	7.4	1.71	.66	.85	1.00	23.8	7.0	1.96	.68	.88	1.00	22.2	6.5	2.24	.71	.92	1.00
71°F (22°C)	600	285	25.6	7.5	1.48	.44	.56	.67	24.2	7.1	1.71	.44	.57	.69	23.0	6.7	1.95	.45	.58	.70	21.4	6.3	2.24	.45	.59	.73
	800	380	27.4	8.0	1.48	.45	.60	.74	25.8	7.6	1.70	.46	.61	.76	24.4	7.2	1.95	.47	.63	.78	22.6	6.6	2.24	.47	.64	.81
	1000	470	28.4	8.3	1.49	.47	.64	.80	26.8	7.9	1.71	.48	.65	.83	25.2	7.4	1.96	.49	.67	.86	23.4	6.9	2.24	.50	.70	.89

**HEATING CAPACITY - XP15-024 with**

**[CBX32M-030]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil		Air Temperature Entering Outdoor Coil																														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)																		
			Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb																
600	285	26.3	7.7			1.76			20.3			5.9			1.65			13.9	4.1	1.54	9.8	2.9	1.43	4.8	1.4	1.08							
				800	380		26.9	7.9		1.61	20.9		6.1	1.50		14.5	4.2										1.38	10.4	3.0	1.27	5.4	1.6	.92

**HEATING CAPACITY - XP15-024 with**

**[CBX32MV-024/030] [CBX40UHV-030]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil		Air Temperature Entering Outdoor Coil																														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)																		
			Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb																
600	285	26.0	7.6			1.76			19.9			5.8			1.65			13.6	4.0	1.54	9.5	2.8	1.43	4.6	1.3	1.08							
				800	380		26.6	7.8		1.61	20.5		6.0	1.50		14.2	4.2										1.38	10.1	3.0	1.27	5.2	1.5	.92

**HEATING PERFORMANCE at 800 cfm (380 L/s) Indoor Coil Air Volume XP15-024 with**

**[CBX32M-030]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.61	26.9	7.9
60	16	1.58	25.6	7.5
55	13	1.56	24.2	7.1
50	10	1.54	22.8	6.7
47	8	1.53	21.9	6.4
45	7	1.50	20.9	6.1
40	4	1.44	18.2	5.3
35	2	1.37	15.5	4.5
30	-1	1.38	15.0	4.4
25	-4	1.38	14.5	4.2
20	-7	1.39	13.9	4.1
17	-8	1.39	13.6	4.0
15	-9	1.38	13.1	3.8
10	-12	1.36	11.7	3.4
5	-15	1.27	10.4	3.0
0	-18	1.19	9.1	2.7
-5	-21	1.10	7.9	2.3
-10	-23	1.01	6.6	1.9
-15	-26	.92	5.4	1.6
-20	-29	.84	4.1	1.2

**HEATING PERFORMANCE at 800 cfm (380 L/s) Indoor Coil Air Volume XP15-024 with**

**[CBX32MV-024/030] [CBX40UHV-030]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.61	26.6	7.8
60	16	1.58	25.2	7.4
55	13	1.56	23.8	7.0
50	10	1.54	22.4	6.6
47	8	1.53	21.6	6.3
45	7	1.50	20.5	6.0
40	4	1.44	17.9	5.2
35	2	1.37	15.3	4.5
30	-1	1.38	14.7	4.3
25	-4	1.38	14.2	4.2
20	-7	1.39	13.6	4.0
17	-8	1.39	13.3	3.9
15	-9	1.38	12.7	3.7
10	-12	1.36	11.4	3.3
5	-15	1.27	10.1	3.0
0	-18	1.19	8.9	2.6
-5	-21	1.10	7.7	2.3
-10	-23	1.01	6.4	1.9
-15	-26	.92	5.2	1.5
-20	-29	.84	4.0	1.2

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**AIR HANDLERS**

**[CBX32M-036]**

**COOLING CAPACITY - XP15-024 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
	Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb				
				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C		
cfm	L/s	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW			
63°F (17°C)	600	285	23.0	6.7	1.40	.72	.85	.98	21.8	6.4	1.61	.74	.87	1.00	20.6	6.0	1.84	.76	.90	1.00	19.1	5.6	2.11	.78	.93	1.00
	800	380	24.6	7.2	1.40	.79	.94	1.00	23.2	6.8	1.61	.81	.97	1.00	21.8	6.4	1.84	.83	1.00	1.00	20.4	6.0	2.10	.86	1.00	1.00
	1000	470	25.6	7.5	1.40	.85	1.00	1.00	24.4	7.2	1.60	.87	1.00	1.00	23.2	6.8	1.84	.91	1.00	1.00	21.8	6.4	2.11	.94	1.00	1.00
67°F (19°C)	600	285	24.4	7.2	1.40	.57	.70	.82	23.2	6.8	1.61	.58	.71	.84	21.8	6.4	1.83	.59	.73	.86	20.4	6.0	2.11	.61	.75	.90
	800	380	26.0	7.6	1.40	.61	.76	.91	24.6	7.2	1.60	.62	.78	.94	23.2	6.8	1.84	.64	.81	.97	21.6	6.3	2.11	.66	.84	1.00
	1000	470	27.0	7.9	1.40	.65	.83	.99	25.6	7.5	1.61	.67	.85	1.00	24.0	7.0	1.84	.68	.88	1.00	22.2	6.5	2.11	.71	.92	1.00
71°F (22°C)	600	285	25.8	7.6	1.40	.44	.56	.67	24.4	7.2	1.61	.44	.57	.69	23.0	6.7	1.84	.45	.58	.70	21.6	6.3	2.11	.45	.59	.73
	800	380	27.4	8.0	1.40	.45	.60	.74	26.0	7.6	1.61	.46	.61	.76	24.4	7.2	1.84	.47	.63	.78	22.8	6.7	2.11	.47	.65	.81
	1000	470	28.6	8.4	1.40	.47	.64	.80	27.0	7.9	1.61	.48	.66	.83	25.4	7.4	1.84	.49	.67	.86	23.6	6.9	2.12	.50	.70	.90

**HEATING CAPACITY - XP15-024 with**

**[CBX32M-036]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	
cfm	L/s	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW
600	285	26.5	7.8	1.74	20.4	6.0	1.64	14.0	4.1	1.53	9.9	2.9	1.42	4.8	1.4	1.07
800	380	27.0	7.9	1.59	21.0	6.2	1.49	14.5	4.2	1.37	10.4	3.0	1.26	5.4	1.6	.92
1000	470	27.5	8.1	1.50	21.5	6.3	1.40	15.0	4.4	1.29	10.9	3.2	1.18	5.9	1.7	.83

**HEATING PERFORMANCE at 800 cfm (380 L/s) Indoor Coil Air Volume XP15-024 with**

**[CBX32M-036]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.59	27.0	7.9
60	16	1.57	25.7	7.5
55	13	1.55	24.3	7.1
50	10	1.52	22.9	6.7
47	8	1.51	22.0	6.4
45	7	1.49	21.0	6.2
40	4	1.43	18.3	5.4
35	2	1.36	15.6	4.6
30	-1	1.37	15.1	4.4
25	-4	1.37	14.5	4.2
20	-7	1.38	14.0	4.1
17	-8	1.38	13.7	4.0
15	-9	1.37	13.1	3.8
10	-12	1.35	11.7	3.4
5	-15	1.26	10.4	3.0
0	-18	1.18	9.2	2.7
-5	-21	1.09	7.9	2.3
-10	-23	1.00	6.6	1.9
-15	-26	.92	5.4	1.6
-20	-29	.83	4.1	1.2

**RATINGS**

**2 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**

**COOLING CAPACITY - XP15-024 with**

**[CX34-31A-6F + G60UHV-36A-070]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	830	390	25.0	7.3	1.39	.80	.96	1.00	23.6	6.9	1.59	.82	.98	1.00	22.2	6.5	1.83	.85	1.00	1.00	21.0	6.2	2.09	.88	1.00	1.00
	1000	470	25.8	7.6	1.39	.85	1.00	1.00	24.6	7.2	1.59	.87	1.00	1.00	23.2	6.8	1.83	.90	1.00	1.00	21.8	6.4	2.10	.94	1.00	1.00
67°F (19°C)	830	390	26.6	7.8	1.38	.63	.78	.92	25.0	7.3	1.60	.64	.80	.95	23.6	6.9	1.83	.66	.83	.98	22.0	6.4	2.09	.68	.86	1.00
	1000	470	27.2	8.0	1.39	.65	.82	.98	25.8	7.6	1.60	.67	.85	1.00	24.2	7.1	1.83	.69	.88	1.00	22.4	6.6	2.10	.71	.92	1.00
71°F (22°C)	830	390	28.0	8.2	1.39	.48	.62	.75	26.6	7.8	1.60	.48	.63	.78	25.0	7.3	1.83	.49	.65	.80	23.2	6.8	2.10	.50	.67	.83
	1000	470	28.8	8.4	1.39	.48	.64	.80	27.2	8.0	1.60	.49	.66	.82	25.6	7.5	1.84	.49	.68	.85	23.8	7.0	2.10	.51	.70	.89

**COOLING CAPACITY - XP15-024 with**

**[CX34-31B-6F + G60UHV-36B-090]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	825	390	25.0	7.3	1.37	.80	.95	1.00	23.6	6.9	1.58	.82	.98	1.00	22.2	6.5	1.81	.85	1.00	1.00	21.0	6.2	2.07	.88	1.00	1.00
	1005	475	25.8	7.6	1.37	.85	1.00	1.00	24.6	7.2	1.58	.87	1.00	1.00	23.2	6.8	1.81	.90	1.00	1.00	21.8	6.4	2.08	.94	1.00	1.00
67°F (19°C)	825	390	26.4	7.7	1.37	.63	.78	.92	25.0	7.3	1.58	.64	.80	.95	23.6	6.9	1.81	.66	.82	.98	22.0	6.4	2.07	.68	.86	1.00
	1005	475	27.4	8.0	1.37	.65	.82	.98	25.8	7.6	1.58	.67	.85	1.00	24.2	7.1	1.81	.69	.88	1.00	22.4	6.6	2.08	.71	.92	1.00
71°F (22°C)	825	390	28.0	8.2	1.38	.47	.61	.75	26.4	7.7	1.58	.48	.63	.77	24.8	7.3	1.81	.49	.65	.80	23.2	6.8	2.07	.50	.67	.83
	1005	475	28.8	8.4	1.38	.48	.64	.80	27.4	8.0	1.58	.49	.66	.82	25.6	7.5	1.82	.49	.68	.85	23.8	7.0	2.07	.51	.70	.89

**HEATING CAPACITY - XP15-024 with**

**[CX34-31A-6F + G60UHV-36A-070]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil		65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-26°C)					
			Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input		
			kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW
830	390	26.5	7.8	1.78	20.7	6.1	1.65	14.5	4.2	1.51	10.6	3.1	1.37	5.7	1.7	1.00
1000	470	26.5	7.8	1.68	20.7	6.1	1.55	14.5	4.2	1.41	10.6	3.1	1.27	5.7	1.7	.90

**HEATING CAPACITY - XP15-024 with**

**[CX34-31B-6F + G60UHV-36B-090]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil		65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-26°C)					
			Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input		
			kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW
825	390	26.5	7.8	1.79	20.6	6.0	1.65	14.5	4.2	1.51	10.6	3.1	1.37	5.7	1.7	1.00
1005	475	26.4	7.7	1.68	20.6	6.0	1.55	14.4	4.2	1.40	10.5	3.1	1.27	5.6	1.6	.90

**HEATING PERFORMANCE at 830 cfm (390 L/s) Indoor Coil Air Volume XP15-024 with**

**[CX34-31A-6F + G60UHV-36A-070]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.77	26.0	7.6
60	16	1.74	24.7	7.2
55	13	1.71	23.4	6.9
50	10	1.68	22.0	6.4
47	8	1.67	21.2	6.2
45	7	1.64	20.2	5.9
40	4	1.57	17.6	5.2
35	2	1.50	15.0	4.4
30	-1	1.50	14.5	4.2
25	-4	1.50	14.1	4.1
20	-7	1.49	13.6	4.0
17	-8	1.49	13.3	3.9
15	-9	1.48	12.7	3.7
10	-12	1.45	11.4	3.3
5	-15	1.36	10.2	3.0
0	-18	1.27	8.9	2.6
-5	-21	1.17	7.7	2.3
-10	-23	1.08	6.4	1.9
-15	-26	.99	5.2	1.5
-20	-29	.90	4.0	1.2

**HEATING PERFORMANCE at 825 cfm (390 L/s) Indoor Coil Air Volume XP15-024 with**

**[CX34-31B-6F + G60UHV-36B-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.77	26.0	7.6
60	16	1.74	24.6	7.2
55	13	1.71	23.3	6.8
50	10	1.69	22.0	6.4
47	8	1.67	21.2	6.2
45	7	1.64	20.1	5.9
40	4	1.57	17.6	5.2
35	2	1.50	15.0	4.4
30	-1	1.50	14.5	4.2
25	-4	1.50	14.0	4.1
20	-7	1.49	13.5	4.0
17	-8	1.49	13.2	3.9
15	-9	1.48	12.6	3.7
10	-12	1.45	11.3	3.3
5	-15	1.36	10.1	3.0
0	-18	1.27	8.9	2.6
-5	-21	1.17	7.6	2.2
-10	-23	1.08	6.4	1.9
-15	-26	.99	5.2	1.5
-20	-29	.90	4.0	1.2

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**

**COOLING CAPACITY - XP15-024 with**

**[CX34-31B-6F + G61MPV-36B-045]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	840	395	25.0	7.3	1.38	.81	.96	1.00	23.6	6.9	1.58	.83	.99	1.00	22.4	6.6	1.82	.85	1.00	1.00	21.0	6.2	2.08	.89	1.00	1.00
	950	450	25.4	7.4	1.38	.83	.99	1.00	24.2	7.1	1.59	.86	1.00	1.00	23.0	6.7	1.81	.88	1.00	1.00	21.6	6.3	2.09	.92	1.00	1.00
67°F (19°C)	840	395	26.6	7.8	1.38	.63	.78	.93	25.2	7.4	1.59	.65	.80	.96	23.6	6.9	1.82	.66	.83	.99	22.0	6.4	2.08	.68	.86	1.00
	950	450	27.0	7.9	1.38	.65	.81	.97	25.6	7.5	1.59	.66	.83	.99	24.0	7.0	1.82	.68	.86	1.00	22.4	6.6	2.09	.70	.90	1.00
71°F (22°C)	840	395	28.0	8.2	1.38	.48	.62	.76	26.6	7.8	1.59	.48	.63	.78	25.0	7.3	1.82	.49	.65	.81	23.4	6.9	2.09	.50	.67	.84
	950	450	28.6	8.4	1.38	.48	.63	.79	27.0	7.9	1.59	.48	.65	.81	25.4	7.4	1.82	.49	.67	.84	23.6	6.9	2.09	.50	.69	.87

**COOLING CAPACITY - XP15-024 with**

**[CX34-31B-6F + G61MPV-36B-070]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	830	390	25.0	7.3	1.39	.80	.96	1.00	23.6	6.9	1.59	.82	.98	1.00	22.2	6.5	1.83	.85	1.00	1.00	21.0	6.2	2.09	.88	1.00	1.00
	930	440	25.4	7.4	1.39	.83	.99	1.00	24.0	7.0	1.59	.85	1.00	1.00	22.8	6.7	1.83	.88	1.00	1.00	21.4	6.3	2.10	.91	1.00	1.00
67°F (19°C)	830	390	26.6	7.8	1.38	.63	.78	.92	25.0	7.3	1.60	.64	.80	.95	23.6	6.9	1.83	.66	.83	.98	22.0	6.4	2.09	.68	.86	1.00
	930	440	27.0	7.9	1.39	.64	.80	.96	25.4	7.4	1.60	.65	.83	.99	24.0	7.0	1.82	.67	.85	1.00	22.2	6.5	2.09	.69	.89	1.00
71°F (22°C)	830	390	28.0	8.2	1.39	.48	.62	.75	26.6	7.8	1.60	.48	.63	.78	25.0	7.3	1.83	.49	.65	.80	23.2	6.8	2.10	.50	.67	.83
	930	440	28.4	8.3	1.39	.47	.63	.78	27.0	7.9	1.60	.48	.64	.80	25.4	7.4	1.83	.49	.66	.83	23.6	6.9	2.09	.50	.68	.86

**HEATING CAPACITY - XP15-024 with**

**[CX34-31B-6F + G61MPV-36B-045]**

Indoor Coil Air Volume 70°F db (21°C db)			Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
kBtuh	kW	kBtuh	kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW		
840	395	450	26.5	7.8	1.78	20.7	6.1	1.65	14.5	4.2	1.50	10.6	3.1	1.37	5.7	1.7	1.00
950	450	450	26.4	7.7	1.71	20.6	6.0	1.58	14.4	4.2	1.43	10.5	3.1	1.30	5.6	1.6	.93

**HEATING CAPACITY - XP15-024 with**

**[CX34-31B-6F + G61MPV-36B-070]**

Indoor Coil Air Volume 70°F db (21°C db)			Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
kBtuh	kW	kBtuh	kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW		
830	390	450	26.5	7.8	1.78	20.7	6.1	1.65	14.5	4.2	1.51	10.6	3.1	1.37	5.7	1.7	1.00
930	440	450	26.3	7.7	1.71	20.5	6.0	1.58	14.4	4.2	1.44	10.5	3.1	1.30	5.5	1.6	.93

**HEATING PERFORMANCE at 840 cfm (395 L/s) Indoor Coil Air Volume XP15-024 with**

**[CX34-31B-6F + G61MPV-36B-045]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.76	26.1	7.6
60	16	1.73	24.8	7.3
55	13	1.71	23.4	6.9
50	10	1.68	22.1	6.5
47	8	1.66	21.3	6.2
45	7	1.63	20.3	5.9
40	4	1.56	17.7	5.2
35	2	1.50	15.1	4.4
30	-1	1.49	14.6	4.3
25	-4	1.49	14.1	4.1
20	-7	1.49	13.6	4.0
17	-8	1.49	13.3	3.9
15	-9	1.48	12.8	3.8
10	-12	1.45	11.4	3.3
5	-15	1.36	10.2	3.0
0	-18	1.26	8.9	2.6
-5	-21	1.17	7.7	2.3
-10	-23	1.08	6.5	1.9
-15	-26	.99	5.2	1.5
-20	-29	.89	4.0	1.2

**HEATING PERFORMANCE at 830 cfm (390 L/s) Indoor Coil Air Volume XP15-024 with**

**[CX34-31B-6F + G61MPV-36B-070]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.77	26.0	7.6
60	16	1.74	24.7	7.2
55	13	1.71	23.4	6.9
50	10	1.68	22.0	6.4
47	8	1.67	21.2	6.2
45	7	1.64	20.2	5.9
40	4	1.57	17.6	5.2
35	2	1.50	15.0	4.4
30	-1	1.50	14.5	4.2
25	-4	1.50	14.1	4.1
20	-7	1.49	13.6	4.0
17	-8	1.49	13.3	3.9
15	-9	1.48	12.7	3.7
10	-12	1.45	11.4	3.3
5	-15	1.36	10.2	3.0
0	-18	1.27	8.9	2.6
-5	-21	1.17	7.7	2.3
-10	-23	1.08	6.4	1.9
-15	-26	.99	5.2	1.5
-20	-29	.90	4.0	1.2

**RATINGS**

**2 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**

**COOLING CAPACITY - XP15-024 with**

**[CX34-38A-6F + G60UHV-36A-070]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	830	390	25.0	7.3	1.39	.81	.96	1.00	23.8	7.0	1.60	.83	.99	1.00	22.4	6.6	1.83	.86	1.00	1.00	21.0	6.2	2.10	.89	1.00	1.00
	1000	470	26.0	7.6	1.39	.86	1.00	1.00	24.8	7.3	1.60	.88	1.00	1.00	23.6	6.9	1.84	.91	1.00	1.00	22.0	6.4	2.10	.95	1.00	1.00
67°F (19°C)	830	390	26.6	7.8	1.39	.63	.79	.93	25.2	7.4	1.60	.65	.81	.96	23.6	6.9	1.84	.66	.83	.99	22.0	6.4	2.10	.68	.86	1.00
	1000	470	27.4	8.0	1.39	.66	.83	.99	25.8	7.6	1.60	.68	.86	1.00	24.2	7.1	1.84	.69	.89	1.00	22.6	6.6	2.10	.72	.93	1.00
71°F (22°C)	830	390	28.2	8.3	1.39	.48	.62	.76	26.6	7.8	1.61	.48	.63	.78	25.0	7.3	1.84	.49	.65	.81	23.4	6.9	2.10	.50	.67	.84
	1000	470	29.0	8.5	1.40	.48	.65	.81	27.4	8.0	1.61	.49	.66	.84	25.8	7.6	1.84	.50	.68	.87	24.0	7.0	2.10	.51	.71	.90

**COOLING CAPACITY - XP15-024 with**

**[CX34-38B-6F + G60UHV-36B-090]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	825	390	25.0	7.3	1.38	.81	.96	1.00	23.8	7.0	1.59	.83	.99	1.00	22.4	6.6	1.82	.85	1.00	1.00	21.0	6.2	2.09	.89	1.00	1.00
	1005	475	26.0	7.6	1.38	.85	1.00	1.00	24.8	7.3	1.59	.88	1.00	1.00	23.6	6.9	1.82	.91	1.00	1.00	22.0	6.4	2.09	.95	1.00	1.00
67°F (19°C)	825	390	26.6	7.8	1.38	.63	.78	.93	25.2	7.4	1.59	.65	.80	.96	23.6	6.9	1.82	.66	.83	.99	22.0	6.4	2.08	.68	.86	1.00
	1005	475	27.4	8.0	1.38	.66	.83	.99	25.8	7.6	1.59	.67	.86	1.00	24.2	7.1	1.82	.69	.89	1.00	22.6	6.6	2.09	.72	.93	1.00
71°F (22°C)	825	390	28.0	8.2	1.38	.48	.62	.76	26.6	7.8	1.59	.48	.63	.78	25.0	7.3	1.82	.49	.65	.81	23.4	6.9	2.08	.50	.67	.84
	1005	475	29.0	8.5	1.39	.48	.65	.81	27.4	8.0	1.59	.49	.66	.83	25.8	7.6	1.83	.50	.68	.87	24.0	7.0	2.09	.51	.71	.90

**HEATING CAPACITY - XP15-024 with**

**[CX34-38A-6F + G60UHV-36A-070]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil		Air Temperature Entering Outdoor Coil																			
			65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
			Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input					
cfm	L/s	kBtuh	kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW				
830	390	26.5	7.8	1.77	20.7	6.1	1.64	14.5	4.2	1.51	10.6	3.1	1.37	5.6	1.6	1.00						
1000	470	26.5	7.8	1.67	20.7	6.1	1.55	14.5	4.2	1.42	10.6	3.1	1.28	5.6	1.7	.91						

**HEATING CAPACITY - XP15-024 with**

**[CX34-38B-6F + G60UHV-36B-090]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil		Air Temperature Entering Outdoor Coil																			
			65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
			Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input					
cfm	L/s	kBtuh	kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW				
825	390	26.5	7.8	1.77	20.7	6.1	1.65	14.5	4.2	1.51	10.6	3.1	1.38	5.7	1.7	1.01						
1005	475	26.5	7.8	1.67	20.6	6.0	1.55	14.5	4.2	1.41	10.6	3.1	1.28	5.6	1.6	.90						

**HEATING PERFORMANCE at 830 cfm (390 L/s) Indoor Coil Air Volume XP15-024 with**

**[CX34-38A-6F + G60UHV-36A-070]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.75	26.1	7.6
60	16	1.73	24.8	7.3
55	13	1.70	23.4	6.9
50	10	1.67	22.1	6.5
47	8	1.65	21.3	6.2
45	7	1.63	20.3	5.9
40	4	1.56	17.7	5.2
35	2	1.50	15.1	4.4
30	-1	1.50	14.6	4.3
25	-4	1.50	14.1	4.1
20	-7	1.49	13.6	4.0
17	-8	1.49	13.3	3.9
15	-9	1.48	12.7	3.7
10	-12	1.45	11.4	3.3
5	-15	1.36	10.2	3.0
0	-18	1.27	8.9	2.6
-5	-21	1.17	7.7	2.3
-10	-23	1.08	6.5	1.9
-15	-26	.99	5.2	1.5
-20	-29	.90	4.0	1.2

**HEATING PERFORMANCE at 825 cfm (390 L/s) Indoor Coil Air Volume XP15-024 with**

**[CX34-38B-6F + G60UHV-36B-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.75	26.0	7.6
60	16	1.73	24.7	7.2
55	13	1.70	23.3	6.8
50	10	1.67	22.0	6.4
47	8	1.66	21.2	6.2
45	7	1.63	20.2	5.9
40	4	1.56	17.6	5.2
35	2	1.50	15.0	4.4
30	-1	1.50	14.5	4.2
25	-4	1.50	14.0	4.1
20	-7	1.49	13.5	4.0
17	-8	1.49	13.2	3.9
15	-9	1.48	12.7	3.7
10	-12	1.45	11.3	3.3
5	-15	1.36	10.1	3.0
0	-18	1.27	8.9	2.6
-5	-21	1.17	7.6	2.2
-10	-23	1.08	6.4	1.9
-15	-26	.99	5.2	1.5
-20	-29	.90	4.0	1.2

**RATINGS**

**2 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**

**COOLING CAPACITY - XP15-024 with**

**[CX34-38B-6F + G61MPV-36B-045]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	840	395	25.2	7.4	1.38	.81	.97	1.00	23.8	7.0	1.59	.83	.99	1.00	22.6	6.6	1.82	.86	1.00	1.00	21.2	6.2	2.09	.89	1.00	1.00
	950	450	25.6	7.5	1.38	.84	1.00	1.00	24.4	7.2	1.59	.86	1.00	1.00	23.2	6.8	1.82	.89	1.00	1.00	21.8	6.4	2.09	.93	1.00	1.00
67°F (19°C)	840	395	26.6	7.8	1.38	.64	.79	.94	25.2	7.4	1.59	.65	.81	.96	23.6	6.9	1.82	.67	.84	.99	22.0	6.4	2.09	.69	.87	1.00
	950	450	27.2	8.0	1.39	.65	.82	.97	25.8	7.6	1.59	.67	.84	1.00	24.2	7.1	1.82	.68	.87	1.00	22.4	6.6	2.09	.71	.91	1.00
71°F (22°C)	840	395	28.2	8.3	1.39	.48	.62	.77	26.6	7.8	1.60	.48	.64	.79	25.2	7.4	1.83	.49	.65	.81	23.4	6.9	2.09	.50	.67	.84
	950	450	28.8	8.4	1.39	.48	.64	.79	27.2	8.0	1.60	.49	.65	.82	25.6	7.5	1.83	.50	.67	.85	23.8	7.0	2.09	.51	.70	.88

**COOLING CAPACITY - XP15-024 with**

**[CX34-38B-6F + G61MPV-36B-070]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	830	390	25.0	7.3	1.39	.81	.96	1.00	23.8	7.0	1.60	.83	.99	1.00	22.4	6.6	1.83	.86	1.00	1.00	21.0	6.2	2.10	.89	1.00	1.00
	930	440	25.6	7.5	1.39	.83	.99	1.00	24.2	7.1	1.60	.85	1.00	1.00	23.0	6.7	1.83	.88	1.00	1.00	21.6	6.3	2.10	.92	1.00	1.00
67°F (19°C)	830	390	26.6	7.8	1.39	.63	.79	.93	25.2	7.4	1.60	.65	.81	.96	23.6	6.9	1.84	.66	.83	.99	22.0	6.4	2.10	.68	.86	1.00
	930	440	27.0	7.9	1.39	.64	.80	.96	25.6	7.5	1.60	.65	.83	.99	24.0	7.0	1.84	.67	.85	1.00	22.2	6.5	2.10	.69	.89	1.00
71°F (22°C)	830	390	28.2	8.3	1.39	.48	.62	.76	26.6	7.8	1.61	.48	.63	.78	25.0	7.3	1.84	.49	.65	.81	23.4	6.9	2.10	.50	.67	.84
	930	440	28.6	8.4	1.40	.47	.63	.78	27.0	7.9	1.61	.48	.64	.80	25.4	7.4	1.83	.48	.66	.83	23.6	6.9	2.11	.49	.68	.87

**HEATING CAPACITY - XP15-024 with**

**[CX34-38B-6F + G61MPV-36B-045]**

Indoor Coil Air Volume 70°F db (21°C db)			Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
kBtuh	kW	kBtuh	kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW		
840	395	450	26.6	7.8	1.76	20.7	6.1	1.63	14.5	4.2	1.50	10.6	3.1	1.37	5.6	1.6	1.00
			26.5	7.8	1.69	20.6	6.0	1.57	14.5	4.2	1.44	10.5	3.1	1.31	5.6	1.6	.93

**HEATING CAPACITY - XP15-024 with**

**[CX34-38B-6F + G61MPV-36B-070]**

Indoor Coil Air Volume 70°F db (21°C db)			Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
kBtuh	kW	kBtuh	kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW		
830	390	450	26.5	7.8	1.77	20.7	6.1	1.64	14.5	4.2	1.51	10.6	3.1	1.38	5.6	1.6	1.00
			26.1	7.6	1.70	20.3	5.9	1.57	14.1	4.1	1.44	10.2	3.0	1.31	5.2	1.5	.93

**HEATING PERFORMANCE at 840 cfm (395 L/s) Indoor Coil Air Volume XP15-024 with**

**[CX34-38B-6F + G61MPV-36B-045]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.74	26.2	7.7
60	16	1.72	24.8	7.3
55	13	1.69	23.5	6.9
50	10	1.66	22.1	6.5
47	8	1.65	21.3	6.2
45	7	1.62	20.3	5.9
40	4	1.56	17.7	5.2
35	2	1.50	15.1	4.4
30	-1	1.49	14.6	4.3
25	-4	1.49	14.1	4.1
20	-7	1.49	13.6	4.0
17	-8	1.49	13.3	3.9
15	-9	1.48	12.8	3.8
10	-12	1.45	11.4	3.3
5	-15	1.36	10.2	3.0
0	-18	1.27	9.0	2.6
-5	-21	1.17	7.7	2.3
-10	-23	1.08	6.5	1.9
-15	-26	.99	5.2	1.5
-20	-29	.89	4.0	1.2

**HEATING PERFORMANCE at 830 cfm (390 L/s) Indoor Coil Air Volume XP15-024 with**

**[CX34-38B-6F + G61MPV-36B-070]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.75	26.1	7.6
60	16	1.72	24.8	7.3
55	13	1.70	23.4	6.9
50	10	1.67	22.1	6.5
47	8	1.65	21.3	6.2
45	7	1.63	20.3	5.9
40	4	1.56	17.7	5.2
35	2	1.50	15.1	4.4
30	-1	1.50	14.6	4.3
25	-4	1.50	14.1	4.1
20	-7	1.49	13.6	4.0
17	-8	1.49	13.3	3.9
15	-9	1.48	12.7	3.7
10	-12	1.45	11.4	3.3
5	-15	1.36	10.2	3.0
0	-18	1.27	8.9	2.6
-5	-21	1.18	7.7	2.3
-10	-23	1.08	6.5	1.9
-15	-26	.99	5.2	1.5
-20	-29	.90	4.0	1.2

**RATINGS**

**2 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**DOWN-FLOW INDOOR COILS**  
**[CR33-48B/C-F]**

**COOLING CAPACITY - XP15-024 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
	Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb				
				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C		
cfm	L/s	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW			
63°F (17°C)	600	285	23.0	6.7	1.38	.73	.86	.98	22.0	6.4	1.59	.75	.88	1.00	20.6	6.0	1.82	.77	.90	1.00	19.3	5.7	2.09	.79	.94	1.00
	800	380	24.6	7.2	1.39	.79	.94	1.00	23.4	6.9	1.59	.81	.97	1.00	22.0	6.4	1.82	.84	1.00	1.00	20.6	6.0	2.09	.87	1.00	1.00
	1000	470	25.8	7.6	1.38	.85	1.00	1.00	24.6	7.2	1.59	.88	1.00	1.00	23.4	6.9	1.82	.91	1.00	1.00	22.0	6.4	2.09	.95	1.00	1.00
67°F (19°C)	600	285	24.6	7.2	1.38	.59	.71	.82	23.4	6.9	1.59	.60	.72	.84	22.0	6.4	1.82	.61	.74	.87	20.6	6.0	2.09	.62	.76	.90
	800	380	26.2	7.7	1.38	.63	.77	.91	24.8	7.3	1.59	.64	.79	.94	23.4	6.9	1.82	.65	.81	.97	21.8	6.4	2.09	.67	.85	1.00
	1000	470	27.2	8.0	1.38	.66	.83	.99	25.8	7.6	1.59	.68	.86	1.00	24.2	7.1	1.82	.70	.89	1.00	22.4	6.6	2.09	.72	.93	1.00
71°F (22°C)	600	285	26.0	7.6	1.38	.46	.57	.68	24.6	7.2	1.59	.46	.58	.70	23.2	6.8	1.82	.46	.59	.71	21.8	6.4	2.09	.47	.61	.74
	800	380	27.6	8.1	1.39	.47	.61	.74	26.2	7.7	1.59	.48	.62	.77	24.8	7.3	1.83	.49	.64	.79	23.0	6.7	2.08	.50	.66	.82
	1000	470	28.8	8.4	1.39	.49	.65	.81	27.2	8.0	1.59	.50	.67	.83	25.6	7.5	1.83	.51	.69	.86	23.8	7.0	2.09	.52	.72	.90

**HEATING CAPACITY - XP15-024 with**

**[CR33-48B/C-F]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)				45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
	cfm	L/s	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW
600	285	26.2	7.7	1.82	20.2	5.9	1.71	13.9	4.1	1.58	9.9	2.9	1.46	4.7	1.4	1.10
800	380	26.9	7.9	1.67	20.9	6.1	1.55	14.6	4.3	1.43	10.6	3.1	1.31	5.4	1.6	.95
1000	470	27.4	8.0	1.58	21.4	6.3	1.47	15.1	4.4	1.34	11.1	3.3	1.22	5.9	1.7	.86

**HEATING PERFORMANCE at 800 cfm (380 L/s) Indoor Coil Air Volume XP15-024 with**

**[CR33-48B/C-F]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.67	26.9	7.9
60	16	1.64	25.5	7.5
55	13	1.62	24.1	7.1
50	10	1.59	22.8	6.7
47	8	1.58	22.0	6.4
45	7	1.55	20.9	6.1
40	4	1.49	18.3	5.4
35	2	1.42	15.6	4.6
30	-1	1.42	15.1	4.4
25	-4	1.43	14.6	4.3
20	-7	1.43	14.1	4.1
17	-8	1.43	13.8	4.0
15	-9	1.42	13.2	3.9
10	-12	1.39	11.9	3.5
5	-15	1.31	10.6	3.1
0	-18	1.22	9.3	2.7
-5	-21	1.13	8.0	2.3
-10	-23	1.04	6.7	2.0
-15	-26	.95	5.4	1.6
-20	-29	.86	4.1	1.2



NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**DOWN-FLOW INDOOR COILS WITH GAS FURNACES**

**COOLING CAPACITY - XP15-024 with**

**[CR33-48B-F + G60DFV-36B-090]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	920	435	25.2	7.4	1.38	.82	.98	1.00	23.8	7.0	1.59	.84	1.00	1.00	22.6	6.6	1.83	.87	1.00	1.00	21.2	6.2	2.09	.90	1.00	1.00
	1040	490	25.8	7.6	1.39	.85	1.00	1.00	24.6	7.2	1.59	.88	1.00	1.00	23.4	6.9	1.82	.91	1.00	1.00	22.0	6.4	2.09	.95	1.00	1.00
67°F (19°C)	920	435	26.8	7.9	1.38	.64	.80	.95	25.2	7.4	1.59	.65	.82	.97	23.8	7.0	1.83	.67	.85	1.00	22.0	6.4	2.08	.69	.88	1.00
	1040	490	27.4	8.0	1.39	.66	.83	.99	25.8	7.6	1.59	.68	.86	1.00	24.2	7.1	1.82	.69	.89	1.00	22.4	6.6	2.09	.72	.93	1.00
71°F (22°C)	920	435	28.2	8.3	1.39	.47	.62	.77	26.8	7.9	1.59	.48	.64	.79	25.2	7.4	1.83	.49	.66	.82	23.4	6.9	2.09	.49	.68	.86
	1040	490	28.8	8.4	1.39	.48	.65	.81	27.4	8.0	1.60	.49	.67	.83	25.6	7.5	1.83	.50	.69	.87	23.8	7.0	2.10	.51	.71	.90

**COOLING CAPACITY - XP15-024 with**

**[CR33-48B-F + G61MPV-36B-045]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	840	395	24.8	7.3	1.38	.80	.95	1.00	23.4	6.9	1.59	.82	.98	1.00	22.0	6.4	1.82	.84	1.00	1.00	20.8	6.1	2.09	.88	1.00	1.00
	950	450	25.4	7.4	1.38	.83	.99	1.00	24.2	7.1	1.59	.86	1.00	1.00	22.8	6.7	1.82	.89	1.00	1.00	21.6	6.3	2.08	.92	1.00	1.00
67°F (19°C)	840	395	26.4	7.7	1.38	.62	.77	.92	25.0	7.3	1.59	.64	.79	.95	23.4	6.9	1.82	.65	.82	.98	21.8	6.4	2.09	.67	.85	1.00
	950	450	27.0	7.9	1.38	.65	.81	.96	25.4	7.4	1.59	.66	.83	.99	23.8	7.0	1.82	.68	.86	1.00	22.2	6.5	2.09	.70	.90	1.00
71°F (22°C)	840	395	27.8	8.1	1.38	.47	.61	.75	26.4	7.7	1.59	.47	.62	.77	24.8	7.3	1.83	.48	.64	.80	23.2	6.8	2.09	.49	.66	.83
	950	450	28.4	8.3	1.39	.48	.63	.78	27.0	7.9	1.59	.49	.65	.81	25.4	7.4	1.82	.49	.67	.84	23.6	6.9	2.09	.50	.69	.87

**HEATING CAPACITY - XP15-024 with**

**[CR33-48B-F + G60DFV-36B-090]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input		
cfm	L/s	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh
920	435	26.7	7.8	1.58	20.7	6.1	1.48	14.3	4.2	1.38	10.2	3.0	1.27	5.2	1.5	.92				
1040	490	27.0	7.9	1.54	20.9	6.1	1.44	14.5	4.2	1.33	10.4	3.0	1.23	5.5	1.6	.88				

**HEATING CAPACITY - XP15-024 with**

**[CR33-48B-F + G61MPV-36B-045]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input		
cfm	L/s	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh
840	395	26.6	7.8	1.64	20.6	6.0	1.52	14.2	4.2	1.40	10.2	3.0	1.29	5.3	1.6	.93				
950	450	26.9	7.9	1.59	20.9	6.1	1.47	14.6	4.3	1.35	10.5	3.1	1.24	5.6	1.6	.88				

**HEATING PERFORMANCE at 920 cfm (435 L/s) Indoor Coil Air Volume XP15-024 with**

**[CR33-48B-F + G60DFV-36B-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.58	26.7	7.8
60	16	1.56	25.3	7.4
55	13	1.54	23.9	7.0
50	10	1.52	22.5	6.6
47	8	1.51	21.7	6.4
45	7	1.48	20.7	6.1
40	4	1.43	18.0	5.3
35	2	1.37	15.4	4.5
30	-1	1.37	14.8	4.3
25	-4	1.38	14.3	4.2
20	-7	1.38	13.7	4.0
17	-8	1.38	13.4	3.9
15	-9	1.38	12.8	3.8
10	-12	1.36	11.4	3.3
5	-15	1.27	10.2	3.0
0	-18	1.18	9.0	2.6
-5	-21	1.09	7.7	2.3
-10	-23	1.01	6.5	1.9
-15	-26	.92	5.2	1.5
-20	-29	.83	4.0	1.2

**HEATING PERFORMANCE at 840 cfm (395 L/s) Indoor Coil Air Volume XP15-024 with**

**[CR33-48B-F + G61MPV-36B-045]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.64	26.6	7.8
60	16	1.61	25.2	7.4
55	13	1.59	23.8	7.0
50	10	1.56	22.5	6.6
47	8	1.55	21.6	6.3
45	7	1.52	20.6	6.0
40	4	1.46	18.0	5.3
35	2	1.40	15.3	4.5
30	-1	1.40	14.8	4.3
25	-4	1.40	14.2	4.2
20	-7	1.40	13.7	4.0
17	-8	1.41	13.4	3.9
15	-9	1.40	12.8	3.8
10	-12	1.37	11.5	3.4
5	-15	1.29	10.2	3.0
0	-18	1.20	9.0	2.6
-5	-21	1.11	7.7	2.3
-10	-23	1.02	6.5	1.9
-15	-26	.93	5.3	1.6
-20	-29	.84	4.0	1.2

**RATINGS**

**2 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**DOWN-FLOW INDOOR COILS WITH GAS FURNACES**

**COOLING CAPACITY - XP15-024 with**

**[CR33-48B-F + G61MPV-36B-070]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	830	390	24.8	7.3	1.39	.79	.95	1.00	23.4	6.9	1.59	.81	.97	1.00	22.0	6.4	1.83	.84	1.00	1.00	20.8	6.1	2.09	.87	1.00	1.00
67°F (19°C)	830	390	25.2	7.4	1.38	.83	.98	1.00	24.0	7.0	1.59	.85	1.00	1.00	22.6	6.6	1.83	.88	1.00	1.00	21.4	6.3	2.09	.91	1.00	1.00
71°F (22°C)	830	390	26.2	7.7	1.39	.62	.77	.91	24.8	7.3	1.60	.64	.79	.94	23.4	6.9	1.83	.65	.82	.97	21.8	6.4	2.10	.67	.85	1.00
	930	440	26.8	7.9	1.39	.64	.80	.95	25.4	7.4	1.60	.66	.82	.98	23.8	7.0	1.83	.67	.85	1.00	22.2	6.5	2.09	.70	.89	1.00
71°F (22°C)	830	390	27.8	8.1	1.39	.47	.61	.75	26.2	7.7	1.60	.47	.62	.77	24.8	7.3	1.83	.48	.64	.79	23.2	6.8	2.10	.49	.66	.82
	930	440	28.4	8.3	1.39	.48	.63	.78	26.8	7.9	1.60	.48	.64	.80	25.2	7.4	1.84	.49	.66	.83	23.6	6.9	2.10	.50	.69	.86

**HEATING CAPACITY - XP15-024 with**

**[CR33-48B-F + G61MPV-36B-070]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
kBtuh	kW	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW				
830	390	26.6	7.8	1.64	20.6	6.0	1.53	14.2	4.2	1.41	10.2	3.0	1.29	5.2	1.5	.93
930	440	26.8	7.9	1.59	20.8	6.1	1.48	14.5	4.2	1.36	10.4	3.0	1.24	5.5	1.6	.89

**HEATING PERFORMANCE at 830 cfm (390 L/s) Indoor Coil Air Volume XP15-024 with**

**[CR33-48B-F + G61MPV-36B-070]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.64	26.6	7.8
60	16	1.62	25.2	7.4
55	13	1.59	23.8	7.0
50	10	1.57	22.4	6.6
47	8	1.55	21.6	6.3
45	7	1.53	20.6	6.0
40	4	1.46	17.9	5.2
35	2	1.40	15.3	4.5
30	-1	1.40	14.7	4.3
25	-4	1.41	14.2	4.2
20	-7	1.41	13.7	4.0
17	-8	1.41	13.4	3.9
15	-9	1.40	12.8	3.8
10	-12	1.38	11.4	3.3
5	-15	1.29	10.2	3.0
0	-18	1.20	9.0	2.6
-5	-21	1.11	7.7	2.3
-10	-23	1.02	6.5	1.9
-15	-26	.93	5.2	1.5
-20	-29	.85	4.0	1.2

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**HORIZONTAL INDOOR COILS**

**COOLING CAPACITY - XP15-024 with**

[CH23-51]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
	Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb				
				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C		
cfm	L/s	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW			
63°F (17°C)	600	285	23.0	6.7	1.37	.74	.86	.98	21.8	6.4	1.58	.75	.88	1.00	20.6	6.0	1.80	.77	.91	1.00	19.2	5.6	2.07	.79	.94	1.00
	800	380	24.4	7.2	1.37	.80	.95	1.00	23.2	6.8	1.57	.82	.97	1.00	22.0	6.4	1.80	.84	1.00	1.00	20.6	6.0	2.07	.87	1.00	1.00
	1000	470	25.8	7.6	1.37	.86	1.00	1.00	24.6	7.2	1.57	.88	1.00	1.00	23.4	6.9	1.80	.92	1.00	1.00	22.0	6.4	2.07	.95	1.00	1.00
67°F (19°C)	600	285	24.4	7.2	1.37	.59	.71	.83	23.2	6.8	1.58	.60	.72	.85	21.8	6.4	1.80	.61	.74	.87	20.4	6.0	2.07	.63	.77	.90
	800	380	26.0	7.6	1.37	.63	.77	.91	24.6	7.2	1.57	.64	.79	.94	23.2	6.8	1.80	.66	.82	.97	21.6	6.3	2.06	.68	.85	1.00
	1000	470	27.0	7.9	1.37	.67	.84	.99	25.6	7.5	1.57	.68	.86	1.00	24.0	7.0	1.80	.71	.89	1.00	22.4	6.6	2.07	.73	.93	1.00
71°F (22°C)	600	285	25.6	7.5	1.37	.45	.58	.68	24.4	7.2	1.57	.45	.58	.70	23.0	6.7	1.80	.46	.60	.72	21.6	6.3	2.07	.48	.61	.74
	800	380	27.4	8.0	1.37	.47	.62	.75	26.0	7.6	1.58	.48	.63	.77	24.4	7.2	1.80	.49	.64	.79	22.8	6.7	2.06	.50	.67	.83
	1000	470	28.6	8.4	1.37	.49	.66	.81	27.0	7.9	1.58	.50	.67	.84	25.4	7.4	1.81	.51	.70	.87	23.8	7.0	2.07	.53	.72	.91

**HEATING CAPACITY - XP15-024 with**

[CH23-51]

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
600	285	26.3	7.7	1.81	20.2	5.9	1.70	13.9	4.1	1.58	9.8	2.9	1.47	4.7	1.4	1.11
800	380	27.0	7.9	1.65	20.9	6.1	1.54	14.6	4.3	1.42	10.5	3.1	1.30	5.4	1.6	.95
1000	470	27.5	8.1	1.56	21.5	6.3	1.45	15.1	4.4	1.33	11.1	3.3	1.22	5.9	1.7	.86

**HEATING PERFORMANCE at 800 cfm (380 L/s) Indoor Coil Air Volume XP15-024 with**

[CH23-51]

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.65	27.0	7.9
60	16	1.62	25.6	7.5
55	13	1.60	24.2	7.1
50	10	1.58	22.8	6.7
47	8	1.56	22.0	6.4
45	7	1.54	20.9	6.1
40	4	1.47	18.3	5.4
35	2	1.41	15.6	4.6
30	-1	1.41	15.1	4.4
25	-4	1.42	14.6	4.3
20	-7	1.42	14.1	4.1
17	-8	1.43	13.7	4.0
15	-9	1.42	13.2	3.9
10	-12	1.39	11.8	3.5
5	-15	1.30	10.5	3.1
0	-18	1.22	9.3	2.7
-5	-21	1.13	8.0	2.3
-10	-23	1.04	6.7	2.0
-15	-26	.95	5.4	1.6
-20	-29	.86	4.1	1.2

**RATINGS**

**2 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**HORIZONTAL INDOOR COILS WITH GAS FURNACES**

**COOLING CAPACITY - XP15-024 with**

**[CH23-51 + G60UHV-36A-070]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	830	390	24.6	7.2	1.39	.80	.95	1.00	23.2	6.8	1.60	.82	.98	1.00	22.0	6.4	1.83	.84	1.00	1.00	20.6	6.0	2.10	.88	1.00	1.00
	1000	470	25.6	7.5	1.39	.85	1.00	1.00	24.4	7.2	1.60	.88	1.00	1.00	23.2	6.8	1.84	.91	1.00	1.00	21.8	6.4	2.10	.94	1.00	1.00
67°F (19°C)	830	390	26.0	7.6	1.39	.63	.77	.92	24.6	7.2	1.60	.64	.79	.94	23.2	6.8	1.83	.65	.82	.98	21.6	6.3	2.10	.67	.85	1.00
	1000	470	27.0	7.9	1.39	.66	.83	.98	25.6	7.5	1.60	.67	.85	1.00	24.0	7.0	1.84	.69	.88	1.00	22.2	6.5	2.10	.72	.92	1.00
71°F (22°C)	830	390	27.6	8.1	1.39	.46	.61	.75	26.0	7.6	1.60	.48	.63	.77	24.6	7.2	1.83	.48	.64	.80	23.0	6.7	2.10	.49	.66	.83
	1000	470	28.6	8.4	1.39	.48	.65	.80	27.0	7.9	1.60	.49	.66	.83	25.4	7.4	1.84	.50	.68	.86	23.6	6.9	2.11	.51	.71	.90

**COOLING CAPACITY - XP15-024 with**

**[CH23-51 + G61MPV-36B-045]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	840	395	24.6	7.2	1.38	.80	.95	1.00	23.4	6.9	1.58	.82	.98	1.00	22.0	6.4	1.81	.85	1.00	1.00	20.8	6.1	2.08	.88	1.00	1.00
	950	450	25.4	7.4	1.38	.84	.99	1.00	24.2	7.1	1.59	.86	1.00	1.00	22.8	6.7	1.82	.89	1.00	1.00	21.6	6.3	2.09	.93	1.00	1.00
67°F (19°C)	840	395	26.2	7.7	1.38	.63	.78	.92	24.8	7.3	1.59	.64	.80	.95	23.2	6.8	1.82	.66	.82	.98	21.6	6.3	2.08	.68	.86	1.00
	950	450	26.8	7.9	1.38	.65	.81	.97	25.4	7.4	1.59	.67	.84	.99	23.8	7.0	1.82	.68	.87	1.00	22.2	6.5	2.09	.71	.90	1.00
71°F (22°C)	840	395	27.6	8.1	1.38	.47	.62	.75	26.2	7.7	1.59	.48	.63	.77	24.6	7.2	1.82	.48	.65	.80	23.0	6.7	2.09	.49	.67	.83
	950	450	28.2	8.3	1.38	.48	.64	.79	26.8	7.9	1.59	.49	.65	.81	25.2	7.4	1.82	.50	.67	.84	23.4	6.9	2.09	.51	.70	.88

**HEATING CAPACITY - XP15-024 with**

**[CH23-51 + G60UHV-36A-070]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil		Air Temperature Entering Outdoor Coil																			
			65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
			Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input		
cfm	L/s	kBtuh	kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	
830	390	26.6	7.8	1.61	20.6	6.0	1.51	14.2	4.2	1.40	10.2	3.0	1.29	5.2	1.5	.94						
1000	470	27.1	7.9	1.54	21.1	6.2	1.44	14.7	4.3	1.33	10.6	3.1	1.22	5.7	1.7	.87						

**HEATING CAPACITY - XP15-024 with**

**[CH23-51 + G61MPV-36B-045]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil		Air Temperature Entering Outdoor Coil																			
			65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
			Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input		
cfm	L/s	kBtuh	kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	
840	395	26.7	7.8	1.61	20.7	6.1	1.51	14.3	4.2	1.40	10.3	3.0	1.29	5.3	1.6	.93						
950	450	27.0	7.9	1.56	21.0	6.2	1.46	14.6	4.3	1.35	10.6	3.1	1.24	5.6	1.6	.89						

**HEATING PERFORMANCE at 830 cfm (390 L/s) Indoor Coil Air Volume XP15-024 with**

**[CH23-51 + G60UHV-36A-070]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.61	26.7	7.8
60	16	1.59	25.3	7.4
55	13	1.57	23.9	7.0
50	10	1.55	22.5	6.6
47	8	1.54	21.7	6.4
45	7	1.51	20.6	6.0
40	4	1.45	18.0	5.3
35	2	1.39	15.3	4.5
30	-1	1.39	14.8	4.3
25	-4	1.40	14.3	4.2
20	-7	1.41	13.7	4.0
17	-8	1.41	13.4	3.9
15	-9	1.40	12.8	3.8
10	-12	1.38	11.5	3.4
5	-15	1.29	10.2	3.0
0	-18	1.20	9.0	2.6
-5	-21	1.11	7.7	2.3
-10	-23	1.02	6.5	1.9
-15	-26	.94	5.3	1.6
-20	-29	.85	4.0	1.2

**HEATING PERFORMANCE at 840 cfm (395 L/s) Indoor Coil Air Volume XP15-024 with**

**[CH23-51 + G61MPV-36B-045]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.61	26.7	7.8
60	16	1.59	25.3	7.4
55	13	1.57	23.9	7.0
50	10	1.55	22.6	6.6
47	8	1.53	21.7	6.4
45	7	1.51	20.7	6.1
40	4	1.45	18.0	5.3
35	2	1.39	15.4	4.5
30	-1	1.39	14.8	4.3
25	-4	1.40	14.3	4.2
20	-7	1.40	13.8	4.0
17	-8	1.41	13.4	3.9
15	-9	1.40	12.9	3.8
10	-12	1.38	11.5	3.4
5	-15	1.29	10.3	3.0
0	-18	1.20	9.0	2.6
-5	-21	1.11	7.8	2.3
-10	-23	1.02	6.5	1.9
-15	-26	.93	5.3	1.6
-20	-29	.85	4.0	1.2

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**HORIZONTAL INDOOR COILS WITH GAS FURNACES**

**COOLING CAPACITY - XP15-024 with**

**[CH23-51 + G61MPV-36B-070]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	830	390	24.6	7.2	1.39	.80	.95	1.00	23.2	6.8	1.59	.82	.98	1.00	22.0	6.4	1.82	.84	1.00	1.00	20.8	6.1	2.09	.88	1.00	1.00
	930	440	25.0	7.3	1.39	.82	.98	1.00	23.8	7.0	1.59	.85	1.00	1.00	22.6	6.6	1.83	.88	1.00	1.00	21.4	6.3	2.09	.91	1.00	1.00
67°F (19°C)	830	390	26.0	7.6	1.39	.63	.77	.92	24.6	7.2	1.59	.64	.79	.95	23.2	6.8	1.83	.65	.82	.98	21.6	6.3	2.09	.67	.85	1.00
	930	440	26.6	7.8	1.39	.64	.80	.95	25.2	7.4	1.59	.65	.82	.98	23.6	6.9	1.83	.67	.85	1.00	22.0	6.4	2.10	.69	.89	1.00
71°F (22°C)	830	390	27.6	8.1	1.39	.47	.61	.75	26.0	7.6	1.60	.48	.63	.77	24.6	7.2	1.83	.48	.64	.80	23.0	6.7	2.10	.49	.66	.83
	930	440	28.0	8.2	1.39	.47	.63	.78	26.6	7.8	1.60	.48	.64	.80	25.0	7.3	1.83	.49	.66	.83	23.4	6.9	2.10	.50	.68	.86

**COOLING CAPACITY - XP15-024 with**

**[CH33-42B-2F + G60UHV-36A-070]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	830	390	24.6	7.2	1.39	.79	.94	1.00	23.4	6.9	1.59	.81	.97	1.00	22.0	6.4	1.84	.84	1.00	1.00	20.6	6.0	2.10	.87	1.00	1.00
	1000	470	25.6	7.5	1.39	.84	1.00	1.00	24.4	7.2	1.59	.87	1.00	1.00	23.2	6.8	1.83	.90	1.00	1.00	21.8	6.4	2.10	.93	1.00	1.00
67°F (19°C)	830	390	26.2	7.7	1.39	.62	.76	.91	24.8	7.3	1.60	.63	.79	.94	23.4	6.9	1.83	.65	.81	.97	21.8	6.4	2.10	.67	.84	1.00
	1000	470	27.2	8.0	1.39	.65	.82	.98	25.8	7.6	1.60	.67	.84	1.00	24.0	7.0	1.83	.68	.87	1.00	22.4	6.6	2.10	.71	.91	1.00
71°F (22°C)	830	390	27.8	8.1	1.39	.46	.60	.74	26.2	7.7	1.60	.47	.62	.76	24.8	7.3	1.84	.48	.63	.79	23.0	6.7	2.10	.48	.65	.82
	1000	470	28.8	8.4	1.40	.48	.64	.79	27.2	8.0	1.61	.49	.66	.82	25.6	7.5	1.84	.50	.67	.85	23.8	7.0	2.10	.51	.70	.89

**HEATING CAPACITY - XP15-024 with**

**[CH23-51 + G61MPV-36B-070]**

Indoor Coil Air Volume 70°F db (21°C db)			Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
			kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
830	390	26.7	7.8	1.62	20.6	6.0	1.51	14.3	4.2	1.40	10.2	3.0	1.29	5.3	1.6	.94	
930	440	26.7	7.8	1.56	20.6	6.0	1.46	14.3	4.2	1.35	10.2	3.0	1.24	5.3	1.6	.88	

**HEATING CAPACITY - XP15-024 with**

**[CH33-42B-2F + G60UHV-36A-070]**

Indoor Coil Air Volume 70°F db (21°C db)			Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
			kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
830	390	26.1	7.6	1.77	20.2	5.9	1.64	14.1	4.1	1.49	10.2	3.0	1.36	5.2	1.5	.99	
1000	470	26.5	7.8	1.68	20.7	6.1	1.55	14.5	4.2	1.41	10.6	3.1	1.27	5.7	1.7	.90	

**HEATING PERFORMANCE at 830 cfm (390 L/s) Indoor Coil Air Volume XP15-024 with**

**[CH23-51 + G61MPV-36B-070]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.62	26.7	7.8
60	16	1.59	25.3	7.4
55	13	1.57	23.9	7.0
50	10	1.55	22.5	6.6
47	8	1.54	21.7	6.4
45	7	1.51	20.6	6.0
40	4	1.45	18.0	5.3
35	2	1.39	15.3	4.5
30	-1	1.39	14.8	4.3
25	-4	1.40	14.3	4.2
20	-7	1.41	13.7	4.0
17	-8	1.41	13.4	3.9
15	-9	1.40	12.8	3.8
10	-12	1.38	11.5	3.4
5	-15	1.29	10.2	3.0
0	-18	1.20	9.0	2.6
-5	-21	1.11	7.7	2.3
-10	-23	1.02	6.5	1.9
-15	-26	.94	5.3	1.6
-20	-29	.85	4.0	1.2

**HEATING PERFORMANCE at 830 cfm (390 L/s) Indoor Coil Air Volume XP15-024 with**

**[CH33-42B-2F + G60UHV-36A-070]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.77	26.1	7.6
60	16	1.74	24.7	7.2
55	13	1.71	23.4	6.9
50	10	1.68	22.1	6.5
47	8	1.66	21.3	6.2
45	7	1.64	20.2	5.9
40	4	1.57	17.6	5.2
35	2	1.50	15.1	4.4
30	-1	1.50	14.6	4.3
25	-4	1.49	14.1	4.1
20	-7	1.49	13.6	4.0
17	-8	1.49	13.3	3.9
15	-9	1.48	12.7	3.7
10	-12	1.45	11.4	3.3
5	-15	1.36	10.2	3.0
0	-18	1.27	8.9	2.6
-5	-21	1.17	7.7	2.3
-10	-23	1.08	6.4	1.9
-15	-26	.99	5.2	1.5
-20	-29	.90	4.0	1.2

**RATINGS**

**2.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**AIR HANDLERS**

**COOLING CAPACITY - XP15-030 with**

**[CBX27UH-030]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	28.0	8.2	1.80	.74	.87	.99	26.6	7.8	2.06	.75	.89	1.00	25.0	7.3	2.35	.77	.92	1.00	23.4	6.9	2.70	.79	.96	1.00
1000	470	29.4	8.6	1.80	.78	.94	1.00	27.8	8.1	2.06	.80	.97	1.00	26.4	7.7	2.35	.83	.99	1.00	24.6	7.2	2.69	.86	1.00	1.00	
67°F (19°C)	800	380	29.6	8.7	1.81	.58	.71	.84	28.2	8.3	2.06	.59	.73	.86	26.6	7.8	2.35	.60	.74	.88	25.0	7.3	2.69	.62	.77	.92
1000	470	31.2	9.1	1.81	.61	.76	.91	29.6	8.7	2.05	.62	.78	.93	28.0	8.2	2.34	.64	.80	.96	26.0	7.6	2.69	.65	.83	.99	
71°F (22°C)	800	380	31.4	9.2	1.81	.44	.57	.69	29.8	8.7	2.05	.45	.58	.70	28.2	8.3	2.34	.45	.59	.72	26.4	7.7	2.69	.46	.60	.74
1000	470	32.8	9.6	1.81	.46	.60	.74	31.2	9.1	2.06	.46	.61	.76	29.4	8.6	2.34	.47	.62	.78	27.6	8.1	2.68	.47	.64	.81	

**COOLING CAPACITY - XP15-030 with**

**[CBX27UH-036]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	840	395	28.2	8.3	1.81	.75	.89	1.00	26.8	7.9	2.05	.76	.91	1.00	25.4	7.4	2.36	.78	.94	1.00	23.6	6.9	2.69	.81	.97	1.00
1000	470	29.4	8.6	1.80	.78	.94	1.00	27.8	8.1	2.06	.80	.97	1.00	26.4	7.7	2.35	.83	.99	1.00	24.6	7.2	2.69	.86	1.00	1.00	
67°F (19°C)	840	395	30.0	8.8	1.81	.59	.72	.85	28.6	8.4	2.06	.60	.74	.87	27.0	7.9	2.35	.61	.76	.90	25.2	7.4	2.69	.62	.78	.94
1000	470	31.2	9.1	1.81	.61	.76	.91	29.6	8.7	2.05	.62	.78	.93	28.0	8.2	2.34	.64	.80	.96	26.0	7.6	2.69	.65	.83	.99	
71°F (22°C)	840	395	31.6	9.3	1.81	.45	.57	.70	30.2	8.9	2.05	.45	.58	.71	28.6	8.4	2.35	.45	.59	.73	26.6	7.8	2.69	.46	.61	.75
1000	470	32.8	9.6	1.81	.46	.60	.74	31.2	9.1	2.06	.46	.61	.76	29.4	8.6	2.34	.47	.62	.78	27.6	8.1	2.68	.47	.64	.81	

**HEATING CAPACITY - XP15-030 with**

**[CBX27UH-030]**

Indoor Coil Air Volume 70°F db (21°C db)	Total Air Volume		Air Temperature Entering Outdoor Coil													
			65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-26°C)					
			Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input				
cfm	L/s	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW			
800	380	31.4	9.2	2.26	24.1	7.1	2.12	16.4	4.8	1.96	12.0	3.5	1.81	5.8	1.7	1.36
1000	470	32.0	9.4	2.11	24.7	7.2	1.97	17.0	5.0	1.81	12.6	3.7	1.66	6.4	1.9	1.21

**HEATING CAPACITY - XP15-030 with**

**[CBX27UH-036]**

Indoor Coil Air Volume 70°F db (21°C db)	Total Air Volume		Air Temperature Entering Outdoor Coil													
			65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-26°C)					
			Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input				
cfm	L/s	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW			
840	395	31.7	9.3	2.22	24.4	7.2	2.08	16.7	4.9	1.93	12.2	3.6	1.78	6.1	1.8	1.32
1000	470	31.9	9.3	2.11	24.7	7.2	1.97	17.0	5.0	1.81	12.5	3.7	1.66	6.4	1.9	1.21

**HEATING PERFORMANCE at 1000 cfm (470 L/s) Indoor Coil Air Volume XP15-030 with**

**[CBX27UH-030]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.11	32.0	9.4
60	16	2.08	30.4	8.9
55	13	2.05	28.7	8.4
50	10	2.02	27.1	7.9
47	8	2.00	26.1	7.6
45	7	1.97	24.7	7.2
40	4	1.88	21.3	6.2
35	2	1.80	17.8	5.2
30	-1	1.80	17.4	5.1
25	-4	1.81	17.0	5.0
20	-7	1.82	16.6	4.9
17	-8	1.82	16.4	4.8
15	-9	1.81	15.7	4.6
10	-12	1.78	14.1	4.1
5	-15	1.66	12.6	3.7
0	-18	1.55	11.0	3.2
-5	-21	1.44	9.5	2.8
-10	-23	1.32	8.0	2.3
-15	-26	1.21	6.4	1.9
-20	-29	1.09	4.9	1.4

**HEATING PERFORMANCE at 1000 cfm (470 L/s) Indoor Coil Air Volume XP15-030 with**

**[CBX27UH-036]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.11	31.9	9.3
60	16	2.08	30.3	8.9
55	13	2.05	28.7	8.4
50	10	2.02	27.1	7.9
47	8	2.00	26.1	7.6
45	7	1.97	24.7	7.2
40	4	1.88	21.2	6.2
35	2	1.80	17.8	5.2
30	-1	1.80	17.4	5.1
25	-4	1.81	17.0	5.0
20	-7	1.82	16.6	4.9
17	-8	1.82	16.3	4.8
15	-9	1.81	15.7	4.6
10	-12	1.78	14.0	4.1
5	-15	1.66	12.5	3.7
0	-18	1.55	11.0	3.2
-5	-21	1.44	9.5	2.8
-10	-23	1.32	7.9	2.3
-15	-26	1.21	6.4	1.9
-20	-29	1.09	4.9	1.4

**RATINGS**

**2.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**AIR HANDLERS**

**COOLING CAPACITY - XP15-030 with**

**[CBX32M-030]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	830	390	28.0	8.2	1.82	.74	.88	1.00	26.6	7.8	2.07	.76	.90	1.00	25.2	7.4	2.39	.78	.93	1.00	23.4	6.9	2.73	.80	.96	1.00
	1000	470	29.2	8.6	1.83	.78	.94	1.00	27.6	8.1	2.08	.80	.97	1.00	26.2	7.7	2.38	.82	.99	1.00	24.4	7.2	2.73	.86	1.00	1.00
	1115	525	29.8	8.7	1.83	.81	.97	1.00	28.4	8.3	2.08	.83	.99	1.00	26.8	7.9	2.38	.86	1.00	1.00	25.2	7.4	2.72	.89	1.00	1.00
67°F (19°C)	830	390	29.8	8.7	1.82	.59	.72	.85	28.4	8.3	2.08	.59	.73	.87	26.8	7.9	2.38	.61	.75	.89	25.0	7.3	2.72	.62	.78	.93
	1000	470	31.0	9.1	1.83	.61	.76	.91	29.4	8.6	2.08	.62	.78	.93	27.8	8.1	2.37	.64	.80	.96	25.8	7.6	2.72	.65	.83	.99
	1115	525	31.6	9.3	1.83	.63	.79	.94	30.0	8.8	2.08	.64	.81	.97	28.2	8.3	2.37	.66	.83	.99	26.4	7.7	2.72	.67	.87	1.00
71°F (22°C)	830	390	31.4	9.2	1.83	.44	.57	.69	30.0	8.8	2.08	.45	.58	.71	28.4	8.3	2.37	.45	.59	.73	26.6	7.8	2.72	.46	.61	.75
	1000	470	32.6	9.6	1.83	.46	.60	.73	31.0	9.1	2.08	.46	.61	.75	29.4	8.6	2.37	.46	.62	.78	27.4	8.0	2.71	.47	.64	.80
	1115	525	33.4	9.8	1.83	.46	.61	.76	31.8	9.3	2.08	.47	.63	.78	30.0	8.8	2.38	.47	.64	.81	28.0	8.2	2.72	.48	.66	.84

**COOLING CAPACITY - XP15-030 with**

**[CBX32M-036]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	28.0	8.2	1.82	.74	.87	.99	26.6	7.8	2.09	.75	.89	1.00	25.0	7.3	2.38	.77	.92	1.00	23.4	6.9	2.73	.79	.96	1.00
	1000	470	29.4	8.6	1.82	.79	.94	1.00	27.8	8.1	2.08	.80	.97	1.00	26.4	7.7	2.38	.83	.99	1.00	24.6	7.2	2.73	.86	1.00	1.00
	1200	565	30.4	8.9	1.83	.83	.99	1.00	29.0	8.5	2.09	.86	1.00	1.00	27.6	8.1	2.37	.89	1.00	1.00	26.0	7.6	2.73	.92	1.00	1.00
67°F (19°C)	800	380	29.6	8.7	1.82	.58	.71	.84	28.2	8.3	2.09	.59	.73	.86	26.6	7.8	2.38	.60	.74	.88	25.0	7.3	2.73	.62	.77	.92
	1000	470	31.2	9.1	1.83	.61	.76	.91	29.6	8.7	2.08	.62	.78	.93	28.0	8.2	2.37	.64	.80	.96	26.0	7.6	2.72	.65	.83	.99
	1200	565	32.2	9.4	1.83	.64	.81	.97	30.6	9.0	2.08	.66	.84	.99	28.8	8.4	2.38	.67	.86	1.00	26.8	7.9	2.71	.69	.90	1.00
71°F (22°C)	800	380	31.4	9.2	1.83	.44	.57	.69	29.8	8.7	2.08	.45	.58	.70	28.2	8.3	2.37	.45	.59	.72	26.4	7.7	2.72	.46	.60	.74
	1000	470	32.8	9.6	1.84	.46	.60	.74	31.2	9.1	2.09	.46	.61	.76	29.4	8.6	2.37	.46	.62	.78	27.6	8.1	2.72	.47	.64	.81
	1200	565	34.0	10.0	1.83	.47	.63	.79	32.4	9.5	2.09	.47	.64	.81	30.4	8.9	2.38	.48	.66	.84	28.4	8.3	2.72	.49	.68	.87

**HEATING CAPACITY - XP15-030 with**

**[CBX32M-030]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input
830	390	31.9	9.3	2.23	24.6	7.2	2.08	16.8	4.9	1.91	12.4	3.6	1.77	6.1	1.8	1.31
1000	470	32.3	9.5	2.12	25.0	7.3	1.97	17.3	5.1	1.80	12.8	3.8	1.65	6.6	1.9	1.20
1115	525	32.7	9.6	2.06	25.4	7.4	1.91	17.6	5.2	1.75	13.2	3.9	1.60	6.9	2.0	1.15

**HEATING CAPACITY - XP15-030 with**

**[CBX32M-036]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input
800	380	31.8	9.3	2.26	24.6	7.2	2.12	16.8	4.9	1.96	12.3	3.6	1.82	6.0	1.8	1.36
1000	470	32.4	9.5	2.11	25.1	7.4	1.97	17.4	5.1	1.81	12.9	3.8	1.67	6.6	1.9	1.21
1200	565	32.8	9.6	2.03	25.6	7.5	1.89	17.8	5.2	1.73	13.3	3.9	1.59	7.0	2.1	1.13

**HEATING PERFORMANCE at 1000 cfm (380 L/s) Indoor Coil**

**[CBX32M-030]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.12	32.3	9.5
60	16	2.08	30.7	9.0
55	13	2.05	29.0	8.5
50	10	2.02	27.4	8.0
47	8	2.00	26.4	7.7
45	7	1.97	25.0	7.3
40	4	1.87	21.5	6.3
35	2	1.78	18.0	5.3
30	-1	1.79	17.7	5.2
25	-4	1.80	17.3	5.1
20	-7	1.81	16.9	5.0
17	-8	1.81	16.7	4.9
15	-9	1.80	16.0	4.7
10	-12	1.77	14.4	4.2
5	-15	1.65	12.8	3.8
0	-18	1.54	11.2	3.3
-5	-21	1.43	9.7	2.8
-10	-23	1.31	8.1	2.4
-15	-26	1.20	6.6	1.9
-20	-29	1.09	5.0	1.5

**HEATING PERFORMANCE at 1000 cfm (380 L/s) Indoor Coil**

**[CBX32M-036]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.11	32.4	9.5
60	16	2.08	30.8	9.0
55	13	2.05	29.2	8.6
50	10	2.02	27.5	8.1
47	8	2.00	26.5	7.8
45	7	1.97	25.1	7.4
40	4	1.88	21.6	6.3
35	2	1.80	18.1	5.3
30	-1	1.80	17.7	5.2
25	-4	1.81	17.4	5.1
20	-7	1.82	17.0	5.0
17	-8	1.82	16.8	4.9
15	-9	1.81	16.1	4.7
10	-12	1.78	14.5	4.2
5	-15	1.67	12.9	3.8
0	-18	1.55	11.3	3.3
-5	-21	1.44	9.8	2.9
-10	-23	1.32	8.2	2.4
-15	-26	1.21	6.6	1.9
-20	-29	1.09	5.0	1.5

**RATINGS**

**2.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**AIR HANDLERS**

**COOLING CAPACITY - XP15-030 with**

**[CBX32MV-024/030] [CBX40UHV-030]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
	Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb				
	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17°C)	800	380	27.8	8.1	1.80	.74	.87	.99	26.4	7.7	2.06	.75	.89	1.00	25.0	7.3	2.35	.77	.92	1.00	23.4	6.9	2.70	.79	.95	1.00
	1000	470	29.2	8.6	1.81	.78	.94	1.00	27.6	8.1	2.05	.80	.97	1.00	26.2	7.7	2.35	.82	.99	1.00	24.4	7.2	2.70	.85	1.00	1.00
	1200	565	30.2	8.9	1.80	.83	.99	1.00	28.8	8.4	2.05	.85	1.00	1.00	27.4	8.0	2.34	.88	1.00	1.00	25.8	7.6	2.69	.92	1.00	1.00
67°F (19°C)	800	380	29.4	8.6	1.80	.58	.71	.83	28.2	8.3	2.06	.59	.72	.86	26.6	7.8	2.35	.60	.74	.88	24.8	7.3	2.70	.61	.77	.91
	1000	470	31.0	9.1	1.81	.61	.76	.90	29.4	8.6	2.05	.62	.78	.93	27.8	8.1	2.34	.64	.80	.96	25.8	7.6	2.69	.65	.83	.99
	1200	565	32.0	9.4	1.80	.64	.81	.97	30.4	8.9	2.06	.65	.83	.99	28.6	8.4	2.35	.67	.86	1.00	26.6	7.8	2.69	.69	.89	1.00
71°F (22°C)	800	380	31.2	9.1	1.81	.44	.57	.68	29.6	8.7	2.05	.45	.57	.70	28.0	8.2	2.34	.45	.59	.72	26.2	7.7	2.69	.46	.60	.74
	1000	470	32.6	9.6	1.81	.46	.60	.73	31.0	9.1	2.06	.46	.61	.75	29.4	8.6	2.34	.46	.62	.78	27.4	8.0	2.68	.47	.64	.80
	1200	565	33.8	9.9	1.81	.47	.63	.78	32.0	9.4	2.06	.47	.64	.81	30.2	8.9	2.35	.48	.66	.83	28.2	8.3	2.68	.49	.68	.87

**COOLING CAPACITY - XP15-030 with**

**[CBX32MV-036] [CBX40UHV-036]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
	Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb				
	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17°C)	900	425	28.8	8.4	1.81	.76	.91	1.00	27.2	8.0	2.08	.78	.93	1.00	25.6	7.5	2.37	.80	.96	1.00	24.0	7.0	2.72	.83	.99	1.00
	975	460	29.2	8.6	1.82	.78	.93	1.00	27.6	8.1	2.07	.80	.96	1.00	26.2	7.7	2.37	.82	.98	1.00	24.4	7.2	2.72	.85	1.00	1.00
	1090	515	29.8	8.7	1.82	.81	.97	1.00	28.4	8.3	2.08	.83	.99	1.00	26.8	7.9	2.37	.85	1.00	1.00	25.2	7.4	2.71	.89	1.00	1.00
67°F (19°C)	900	425	30.4	8.9	1.82	.60	.74	.87	29.0	8.5	2.07	.61	.75	.90	27.4	8.0	2.37	.62	.77	.93	25.6	7.5	2.72	.63	.80	.96
	975	460	31.0	9.1	1.82	.61	.76	.90	29.4	8.6	2.07	.62	.77	.92	27.8	8.1	2.36	.63	.79	.96	26.0	7.6	2.70	.65	.82	.98
	1090	515	31.6	9.3	1.82	.62	.78	.94	30.0	8.8	2.07	.64	.80	.97	28.4	8.3	2.37	.65	.83	.99	26.4	7.7	2.71	.67	.86	1.00
71°F (22°C)	900	425	32.2	9.4	1.82	.45	.58	.71	30.6	9.0	2.08	.45	.59	.73	29.0	8.5	2.37	.46	.61	.75	27.0	7.9	2.70	.46	.62	.77
	975	460	32.6	9.6	1.83	.45	.59	.73	31.2	9.1	2.08	.46	.61	.75	29.4	8.6	2.37	.46	.62	.77	27.4	8.0	2.70	.47	.64	.80
	1090	515	33.4	9.8	1.83	.46	.61	.76	31.8	9.3	2.07	.47	.63	.78	30.0	8.8	2.37	.47	.64	.80	28.0	8.2	2.71	.48	.66	.84

**HEATING CAPACITY - XP15-030 with**

**[CBX32MV-024/030] [CBX40UHV-030]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	cfm	L/s	Total Heating Capacity kBtuh kW	Comp. Motor kW Input	Total Heating Capacity kBtuh kW	Comp. Motor kW Input	Total Heating Capacity kBtuh kW	Comp. Motor kW Input	Total Heating Capacity kBtuh kW	Comp. Motor kW Input	Total Heating Capacity kBtuh kW	Comp. Motor kW Input	Total Heating Capacity kBtuh kW	Comp. Motor kW Input		
800	380	31.5	9.2	2.26	24.3	7.1	2.11	16.5	4.8	1.95	12.1	3.5	1.80	5.9	1.7	1.35
1000	470	32.1	9.4	2.12	24.8	7.3	1.97	17.1	5.0	1.80	12.6	3.7	1.65	6.5	1.9	1.20
1200	565	32.6	9.6	2.04	25.3	7.4	1.89	17.6	5.2	1.72	13.1	3.8	1.57	7.0	2.1	1.12

**HEATING CAPACITY - XP15-030 with**

**[CBX32MV-036] [CBX40UHV-036]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	cfm	L/s	Total Heating Capacity kBtuh kW	Comp. Motor kW Input	Total Heating Capacity kBtuh kW	Comp. Motor kW Input	Total Heating Capacity kBtuh kW	Comp. Motor kW Input	Total Heating Capacity kBtuh kW	Comp. Motor kW Input	Total Heating Capacity kBtuh kW	Comp. Motor kW Input	Total Heating Capacity kBtuh kW	Comp. Motor kW Input		
900	425	31.8	9.3	2.19	24.5	7.2	2.04	16.8	4.9	1.88	12.4	3.6	1.73	6.2	1.8	1.27
975	460	32.0	9.4	2.13	24.8	7.3	1.98	17.0	5.0	1.82	12.6	3.7	1.67	6.5	1.9	1.21
1090	515	32.3	9.5	2.07	25.0	7.3	1.92	17.3	5.1	1.76	12.8	3.8	1.61	6.7	2.0	1.15

**HEATING PERFORMANCE at 1000 cfm (830 L/s) Indoor Coil Air Volume XP15-030 with [CBX32MV-024/030] [CBX40UHV-030]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.12	32.1	9.4
60	16	2.08	30.5	8.9
55	13	2.05	28.8	8.4
50	10	2.02	27.2	8.0
47	8	2.00	26.2	7.7
45	7	1.97	24.8	7.3
40	4	1.87	21.4	6.3
35	2	1.78	17.9	5.2
30	-1	1.79	17.5	5.1
25	-4	1.80	17.1	5.0
20	-7	1.81	16.7	4.9
17	-8	1.81	16.5	4.8
15	-9	1.80	15.8	4.6
10	-12	1.77	14.2	4.2
5	-15	1.65	12.6	3.7
0	-18	1.54	11.1	3.3
-5	-21	1.43	9.6	2.8
-10	-23	1.31	8.0	2.3
-15	-26	1.20	6.5	1.9
-20	-29	1.09	4.9	1.4

**HEATING PERFORMANCE at 975 cfm (460 L/s) Indoor Coil Air Volume XP15-030 with [CBX32MV-036] [CBX40UHV-036]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.13	32.0	9.4
60	16	2.10	30.4	8.9
55	13	2.07	28.8	8.4
50	10	2.03	27.1	7.9
47	8	2.02	26.2	7.7
45	7	1.98	24.8	7.3
40	4	1.89	21.3	6.2
35	2	1.81	17.8	5.2
30	-1	1.81	17.4	5.1
25	-4	1.82	17.0	5.0
20	-7	1.82	16.6	4.9
17	-8	1.83	16.4	4.8
15	-9	1.81	15.7	4.6
10	-12	1.78	14.1	4.1
5	-15	1.67	12.6	3.7
0	-18	1.55	11.1	3.3
-5	-21	1.44	9.5	2.8
-10	-23	1.33	8.0	2.3
-15	-26	1.21	6.5	1.9
-20	-29	1.10	4.9	1.4



**RATINGS**

**2.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COILS**

**COOLING CAPACITY - XP15-030 with**

**[CX34-38A/B-6F]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	28.4	8.3	1.80	.75	.88	1.00	27.0	7.9	2.06	.76	.90	1.00	25.6	7.5	2.35	.78	.93	1.00	23.8	7.0	2.70	.80	.96	1.00
	1000	470	30.0	8.8	1.80	.80	.95	1.00	28.4	8.3	2.06	.82	.97	1.00	26.8	7.9	2.35	.84	1.00	1.00	25.2	7.4	2.69	.87	1.00	1.00
	1200	565	31.0	9.1	1.80	.85	1.00	1.00	29.8	8.7	2.05	.87	1.00	1.00	28.2	8.3	2.36	.90	1.00	1.00	26.6	7.8	2.69	.93	1.00	1.00
67°F (19°C)	800	380	30.2	8.9	1.80	.60	.72	.84	28.8	8.4	2.06	.60	.74	.86	27.2	8.0	2.35	.62	.75	.89	25.4	7.4	2.70	.63	.78	.92
	1000	470	31.8	9.3	1.81	.63	.77	.92	30.2	8.9	2.05	.64	.79	.94	28.4	8.3	2.35	.65	.82	.97	26.6	7.8	2.69	.67	.85	1.00
	1200	565	32.8	9.6	1.81	.66	.83	.98	31.2	9.1	2.06	.67	.85	1.00	29.4	8.6	2.35	.69	.87	1.00	27.4	8.0	2.69	.71	.91	1.00
71°F (22°C)	800	380	32.0	9.4	1.81	.46	.58	.70	30.4	8.9	2.06	.46	.59	.71	28.8	8.4	2.35	.47	.60	.73	27.0	7.9	2.68	.47	.61	.75
	1000	470	33.6	9.8	1.81	.47	.61	.75	32.0	9.4	2.06	.48	.63	.77	30.2	8.9	2.35	.49	.64	.79	28.2	8.3	2.69	.49	.66	.82
	1200	565	34.8	10.2	1.82	.49	.65	.80	33.0	9.7	2.07	.50	.66	.82	31.2	9.1	2.36	.50	.68	.85	29.2	8.6	2.69	.51	.70	.89

**COOLING CAPACITY - XP15-030 with**

**[CX34-43C-6F]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	28.6	8.4	1.80	.75	.88	1.00	27.2	8.0	2.06	.76	.90	1.00	25.6	7.5	2.35	.78	.92	1.00	24.0	7.0	2.69	.80	.96	1.00
	1000	470	30.2	8.9	1.80	.80	.94	1.00	28.6	8.4	2.05	.82	.97	1.00	27.0	7.9	2.35	.84	1.00	1.00	25.4	7.4	2.69	.87	1.00	1.00
	1200	565	31.2	9.1	1.81	.85	1.00	1.00	29.8	8.7	2.05	.87	1.00	1.00	28.4	8.3	2.35	.89	1.00	1.00	26.8	7.9	2.69	.93	1.00	1.00
67°F (19°C)	800	380	30.4	8.9	1.80	.60	.72	.84	29.0	8.5	2.06	.61	.74	.86	27.4	8.0	2.35	.62	.75	.89	25.6	7.5	2.68	.63	.78	.92
	1000	470	32.0	9.4	1.80	.63	.77	.91	30.4	8.9	2.05	.64	.79	.94	28.6	8.4	2.34	.66	.81	.97	26.8	7.9	2.68	.67	.84	1.00
	1200	565	33.0	9.7	1.81	.66	.82	.97	31.4	9.2	2.05	.67	.84	1.00	29.6	8.7	2.35	.69	.87	1.00	27.6	8.1	2.68	.71	.91	1.00
71°F (22°C)	800	380	32.0	9.4	1.81	.47	.58	.70	30.6	9.0	2.06	.47	.59	.71	29.0	8.5	2.35	.47	.60	.73	27.2	8.0	2.67	.48	.62	.75
	1000	470	33.6	9.8	1.81	.48	.62	.75	32.0	9.4	2.06	.48	.63	.77	30.4	8.9	2.35	.49	.64	.79	28.4	8.3	2.68	.50	.66	.82
	1200	565	34.8	10.2	1.82	.49	.65	.80	33.2	9.7	2.06	.50	.66	.82	31.4	9.2	2.35	.51	.68	.85	29.2	8.6	2.69	.52	.70	.88

**HEATING CAPACITY - XP15-030 with**

**[CX34-38A/B-6F]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input
800	380	30.7	9.0	2.23	23.8	7.0	2.08	16.4	4.8	1.91	12.1	3.5	1.79	5.9	1.7	1.35
1000	470	31.3	9.2	2.06	24.4	7.2	1.92	17.0	5.0	1.75	12.8	3.8	1.63	6.5	1.9	1.18
1200	565	31.8	9.3	1.96	24.9	7.3	1.81	17.6	5.2	1.64	13.3	3.9	1.53	7.0	2.1	1.08

**HEATING CAPACITY - XP15-030 with**

**[CX34-43C-6F]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input
800	380	30.5	8.9	2.11	23.6	6.9	1.98	16.2	4.7	1.83	12.0	3.5	1.73	5.8	1.7	1.29
1000	470	31.1	9.1	1.97	24.2	7.1	1.84	16.9	5.0	1.69	12.6	3.7	1.60	6.4	1.9	1.15
1200	565	31.6	9.3	1.87	24.7	7.2	1.75	17.4	5.1	1.60	13.1	3.8	1.50	6.9	2.0	1.06

**HEATING PERFORMANCE at 1000 cfm (470 L/s) Indoor Coil Air Volume XP15-030 with**

**[CX34-38A/B-6F]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.06	31.3	9.2
60	16	2.03	29.8	8.7
55	13	2.00	28.2	8.3
50	10	1.98	26.7	7.8
47	8	1.96	25.8	7.6
45	7	1.92	24.4	7.2
40	4	1.81	21.0	6.2
35	2	1.70	17.7	5.2
30	-1	1.72	17.4	5.1
25	-4	1.75	17.0	5.0
20	-7	1.77	16.7	4.9
17	-8	1.78	16.5	4.8
15	-9	1.77	15.9	4.7
10	-12	1.74	14.4	4.2
5	-15	1.63	12.8	3.8
0	-18	1.52	11.2	3.3
-5	-21	1.41	9.7	2.8
-10	-23	1.30	8.1	2.4
-15	-26	1.18	6.5	1.9
-20	-29	1.07	5.0	1.5

**HEATING PERFORMANCE at 1000 cfm (470 L/s) Indoor Coil Air Volume XP15-030 with**

**[CX34-43C-6F]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.97	31.1	9.1
60	16	1.95	29.6	8.7
55	13	1.92	28.1	8.2
50	10	1.90	26.5	7.8
47	8	1.88	25.6	7.5
45	7	1.84	24.2	7.1
40	4	1.74	20.9	6.1
35	2	1.63	17.5	5.1
30	-1	1.66	17.2	5.0
25	-4	1.69	16.9	5.0
20	-7	1.72	16.5	4.8
17	-8	1.74	16.3	4.8
15	-9	1.73	15.7	4.6
10	-12	1.71	14.2	4.2
5	-15	1.60	12.6	3.7
0	-18	1.49	11.1	3.3
-5	-21	1.38	9.5	2.8
-10	-23	1.27	8.0	2.3
-15	-26	1.15	6.4	1.9
-20	-29	1.04	4.9	1.4

**RATINGS**

**2.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COILS**

**COOLING CAPACITY - XP15-030 with**

**[CX34-49C-6F]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	28.6	8.4	1.86	.75	.88	1.00	27.4	8.0	2.13	.77	.90	1.00	25.8	7.6	2.43	.79	.93	1.00	24.2	7.1	2.79	.81	.96	1.00
	1000	470	30.2	8.9	1.87	.80	.95	1.00	28.8	8.4	2.13	.82	.98	1.00	27.2	8.0	2.43	.85	1.00	1.00	25.6	7.5	2.78	.88	1.00	1.00
	1200	565	31.4	9.2	1.87	.85	1.00	1.00	30.2	8.9	2.13	.87	1.00	1.00	28.8	8.4	2.43	.90	1.00	1.00	27.0	7.9	2.78	.94	1.00	1.00
67°F (19°C)	800	380	30.2	8.9	1.86	.60	.73	.85	28.8	8.4	2.13	.61	.74	.87	27.2	8.0	2.43	.62	.76	.89	25.6	7.5	2.78	.63	.79	.93
	1000	470	32.0	9.4	1.87	.63	.78	.92	30.4	8.9	2.13	.65	.80	.94	28.6	8.4	2.43	.65	.82	.97	26.8	7.9	2.77	.68	.85	1.00
	1200	565	33.2	9.7	1.87	.67	.83	.98	31.6	9.3	2.12	.68	.85	1.00	29.8	8.7	2.43	.70	.88	1.00	27.8	8.1	2.77	.72	.91	1.00
71°F (22°C)	800	380	31.8	9.3	1.86	.47	.59	.70	30.4	8.9	2.12	.47	.60	.72	28.8	8.4	2.43	.47	.61	.74	27.0	7.9	2.78	.48	.62	.76
	1000	470	33.6	9.8	1.87	.48	.62	.75	32.0	9.4	2.13	.49	.63	.77	30.2	8.9	2.43	.49	.65	.80	28.2	8.3	2.78	.50	.67	.82
	1200	565	34.8	10.2	1.87	.50	.65	.80	33.2	9.7	2.13	.50	.67	.83	31.2	9.1	2.43	.51	.69	.85	29.2	8.6	2.78	.51	.71	.89

**COOLING CAPACITY - XP15-030 with**

**[CX34-50/60C-6F]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	28.4	8.3	1.79	.74	.87	.99	27.2	8.0	2.05	.76	.89	1.00	25.6	7.5	2.35	.78	.92	1.00	24.0	7.0	2.69	.80	.95	1.00
	1000	470	30.0	8.8	1.80	.79	.94	1.00	28.4	8.3	2.05	.81	.96	1.00	26.8	7.9	2.34	.83	.99	1.00	25.2	7.4	2.68	.86	1.00	1.00
	1200	565	31.0	9.1	1.80	.84	1.00	1.00	29.6	8.7	2.05	.86	1.00	1.00	28.2	8.3	2.35	.89	1.00	1.00	26.6	7.8	2.69	.92	1.00	1.00
67°F (19°C)	800	380	30.2	8.9	1.80	.60	.72	.84	28.8	8.4	2.06	.61	.73	.86	27.2	8.0	2.34	.62	.75	.88	25.6	7.5	2.68	.63	.78	.92
	1000	470	31.8	9.3	1.80	.63	.77	.91	30.2	8.9	2.05	.64	.79	.93	28.6	8.4	2.34	.65	.81	.96	26.6	7.8	2.68	.67	.84	.99
	1200	565	33.0	9.7	1.81	.66	.82	.97	31.2	9.1	2.05	.67	.84	.99	29.4	8.6	2.35	.69	.86	1.00	27.4	8.0	2.69	.71	.90	1.00
71°F (22°C)	800	380	32.0	9.4	1.81	.46	.58	.69	30.6	9.0	2.06	.47	.59	.71	29.0	8.5	2.34	.47	.60	.73	27.0	7.9	2.68	.48	.62	.75
	1000	470	33.6	9.8	1.81	.48	.61	.74	32.0	9.4	2.06	.48	.62	.76	30.2	8.9	2.35	.49	.64	.79	28.2	8.3	2.69	.50	.66	.81
	1200	565	34.8	10.2	1.82	.49	.65	.79	33.2	9.7	2.06	.50	.66	.82	31.2	9.1	2.34	.50	.68	.84	29.2	8.6	2.68	.52	.70	.88

**HEATING CAPACITY - XP15-030 with**

**[CX34-49C-6F]**

Indoor Coil Air Volume 70°F db (21°C db)	Total Air Volume		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	kW	Total Heating Capacity	Comp. Motor kW Input	kW	Total Heating Capacity	Comp. Motor kW Input	kW	Total Heating Capacity	Comp. Motor kW Input	kW	Total Heating Capacity	Comp. Motor kW Input	kW
800	380	31.8	9.3			1.88			24.3			7.1			1.78		
1000	470	32.5	9.5	1.76	25.0	7.3	1.66	16.8	4.9	1.56	12.9	3.8	1.39	6.6	1.9	1.01	
1200	565	33.1	9.7	1.68	25.5	7.5	1.58	17.4	5.1	1.48	13.5	4.0	1.31	7.2	2.1	.93	

**HEATING CAPACITY - XP15-030 with**

**[CX34-50/60C-6F]**

Indoor Coil Air Volume 70°F db (21°C db)	Total Air Volume		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	kW	Total Heating Capacity	Comp. Motor kW Input	kW	Total Heating Capacity	Comp. Motor kW Input	kW	Total Heating Capacity	Comp. Motor kW Input	kW	Total Heating Capacity	Comp. Motor kW Input	kW
800	380	30.3	8.9			2.09			23.6			6.9			1.99		
1000	470	31.0	9.1	1.95	24.2	7.1	1.86	17.0	5.0	1.75	12.8	3.8	1.66	6.5	1.9	1.20	
1200	565	31.5	9.2	1.85	24.7	7.2	1.76	17.5	5.1	1.65	13.3	3.9	1.57	7.0	2.1	1.10	

**HEATING PERFORMANCE at 1000 cfm (470 L/s) Indoor Coil**

**[CX34-49C-6F]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.76	32.5	9.5
60	16	1.74	30.9	9.1
55	13	1.71	29.2	8.6
50	10	1.69	27.6	8.1
47	8	1.67	26.6	7.8
45	7	1.66	25.0	7.3
40	4	1.64	20.9	6.1
35	2	1.62	16.9	5.0
30	-1	1.59	16.9	5.0
25	-4	1.56	16.8	4.9
20	-7	1.54	16.8	4.9
17	-8	1.52	16.8	4.9
15	-9	1.51	16.1	4.7
10	-12	1.48	14.5	4.2
5	-15	1.39	12.9	3.8
0	-18	1.29	11.3	3.3
-5	-21	1.20	9.8	2.9
-10	-23	1.10	8.2	2.4
-15	-26	1.01	6.6	1.9
-20	-29	.91	5.0	1.5

**HEATING PERFORMANCE at 1000 cfm (470 L/s) Indoor Coil**

**[CX34-50/60C-6F]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.95	31.0	9.1
60	16	1.93	29.5	8.6
55	13	1.92	28.0	8.2
50	10	1.90	26.5	7.8
47	8	1.89	25.6	7.5
45	7	1.86	24.2	7.1
40	4	1.77	20.9	6.1
35	2	1.67	17.6	5.2
30	-1	1.71	17.3	5.1
25	-4	1.75	17.0	5.0
20	-7	1.78	16.7	4.9
17	-8	1.80	16.5	4.8
15	-9	1.80	15.9	4.7
10	-12	1.78	14.4	4.2
5	-15	1.66	12.8	3.8
0	-18	1.55	11.2	3.3
-5	-21	1.43	9.7	2.8
-10	-23	1.32	8.1	2.4
-15	-26	1.20	6.5	1.9
-20	-29	1.08	4.9	1.4

**RATINGS**

**2.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**

**COOLING CAPACITY - XP15-030 with**

**[CX34-38A-6F + G60UHV-36A-070]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	830	390	28.6	8.4	1.82	.75	.88	1.00	27.2	8.0	2.09	.76	.90	1.00	25.6	7.5	2.38	.78	.93	1.00	24.0	7.0	2.74	.81	.96	1.00
	1000	470	29.8	8.7	1.83	.79	.94	1.00	28.2	8.3	2.09	.81	.97	1.00	26.8	7.9	2.39	.83	.99	1.00	25.2	7.4	2.72	.86	1.00	1.00
	1165	550	30.8	9.0	1.83	.83	.99	1.00	29.2	8.6	2.09	.85	1.00	1.00	27.8	8.1	2.38	.88	1.00	1.00	26.2	7.7	2.73	.91	1.00	1.00
67°F (19°C)	830	390	30.4	8.9	1.83	.59	.72	.85	28.8	8.4	2.09	.60	.74	.87	27.4	8.0	2.39	.61	.76	.90	25.6	7.5	2.72	.63	.78	.93
	1000	470	31.6	9.3	1.83	.62	.77	.91	30.0	8.8	2.08	.63	.78	.93	28.4	8.3	2.38	.65	.81	.96	26.4	7.7	2.73	.66	.84	1.00
	1165	550	32.6	9.6	1.84	.65	.81	.96	30.8	9.0	2.09	.66	.83	.99	29.2	8.6	2.38	.67	.86	1.00	27.2	8.0	2.73	.70	.89	1.00
71°F (22°C)	830	390	32.2	9.4	1.83	.45	.58	.70	30.6	9.0	2.09	.46	.59	.71	29.0	8.5	2.38	.46	.60	.73	27.0	7.9	2.72	.47	.61	.75
	1000	470	33.4	9.8	1.84	.47	.61	.74	31.8	9.3	2.09	.47	.62	.76	30.0	8.8	2.39	.48	.63	.78	28.2	8.3	2.72	.48	.65	.81
	1165	550	34.4	10.1	1.85	.48	.64	.78	32.8	9.6	2.10	.48	.65	.81	30.8	9.0	2.39	.49	.66	.83	28.8	8.4	2.73	.50	.68	.86

**COOLING CAPACITY - XP15-030 with**

**[CX34-38B-6F + G60UHV-36B-090]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	825	390	28.4	8.3	1.80	.75	.88	1.00	27.2	8.0	2.06	.76	.90	1.00	25.6	7.5	2.35	.78	.93	1.00	24.0	7.0	2.70	.80	.96	1.00
	1005	475	29.8	8.7	1.80	.79	.94	1.00	28.4	8.3	2.06	.81	.97	1.00	26.8	7.9	2.36	.83	.99	1.00	25.2	7.4	2.69	.86	1.00	1.00
	1165	550	30.8	9.0	1.80	.83	.99	1.00	29.2	8.6	2.06	.85	1.00	1.00	27.8	8.1	2.35	.88	1.00	1.00	26.2	7.7	2.69	.92	1.00	1.00
67°F (19°C)	825	390	30.2	8.9	1.81	.59	.72	.85	28.8	8.4	2.06	.60	.73	.87	27.2	8.0	2.35	.61	.75	.89	25.6	7.5	2.70	.62	.78	.92
	1005	475	31.6	9.3	1.81	.62	.77	.91	30.0	8.8	2.05	.63	.78	.93	28.4	8.3	2.35	.64	.81	.96	26.4	7.7	2.70	.66	.84	1.00
	1165	550	32.6	9.6	1.81	.65	.81	.96	30.8	9.0	2.06	.66	.83	.99	29.2	8.6	2.35	.68	.86	1.00	27.2	8.0	2.69	.70	.89	1.00
71°F (22°C)	825	390	32.0	9.4	1.81	.45	.58	.70	30.4	8.9	2.06	.45	.58	.71	29.2	8.4	2.35	.46	.59	.73	27.0	7.9	2.68	.47	.61	.75
	1005	475	33.4	9.8	1.81	.47	.61	.74	31.8	9.3	2.06	.47	.62	.76	30.0	8.8	2.35	.48	.63	.78	28.2	8.3	2.69	.48	.65	.81
	1165	550	34.4	10.1	1.82	.48	.64	.79	32.8	9.6	2.07	.49	.65	.81	30.8	9.0	2.36	.49	.66	.83	28.8	8.4	2.69	.50	.69	.87

**HEATING CAPACITY - XP15-030 with**

**[CX34-38A-6F + G60UHV-36A-070]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
830	390	30.4	8.9	2.18	23.5	6.9	2.03	16.1	4.7	1.86	11.9	3.5	1.75	5.8	1.7	1.31
1000	470	30.9	9.1	2.05	24.0	7.0	1.90	16.7	4.9	1.73	12.4	3.6	1.62	6.4	1.9	1.18
1165	550	31.3	9.2	1.96	24.4	7.2	1.82	17.0	5.0	1.65	12.8	3.8	1.54	6.7	2.0	1.09

**HEATING CAPACITY - XP15-030 with**

**[CX34-38B-6F + G60UHV-36B-090]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
825	390	30.3	8.9	2.18	23.4	6.9	2.04	16.0	4.7	1.87	11.8	3.5	1.76	5.8	1.7	1.31
1005	475	30.9	9.1	2.04	24.0	7.0	1.90	16.6	4.9	1.73	12.4	3.6	1.62	6.3	1.8	1.18
1165	550	31.3	9.2	1.96	24.4	7.2	1.82	17.1	5.0	1.65	12.8	3.8	1.54	6.8	2.0	1.10

**HEATING PERFORMANCE at 1000 cfm (470 L/s) Indoor Coil Air Volume XP15-030 with [CX34-38A-6F + G60UHV-36A-070]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.05	30.9	9.1
60	16	2.02	29.4	8.6
55	13	1.99	27.8	8.1
50	10	1.96	26.3	7.7
47	8	1.95	25.4	7.4
45	7	1.90	24.0	7.0
40	4	1.79	20.7	6.1
35	2	1.68	17.4	5.1
30	-1	1.71	17.0	5.0
25	-4	1.73	16.7	4.9
20	-7	1.76	16.3	4.8
17	-8	1.78	16.1	4.7
15	-9	1.76	15.5	4.5
10	-12	1.74	14.0	4.1
5	-15	1.62	12.4	3.6
0	-18	1.51	10.9	3.2
-5	-21	1.40	9.4	2.8
-10	-23	1.29	7.9	2.3
-15	-26	1.18	6.4	1.9
-20	-29	1.07	4.8	1.4

**HEATING PERFORMANCE at 1005 cfm (475 L/s) Indoor Coil Air Volume XP15-030 with [CX34-38B-6F + G60UHV-36B-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.04	30.9	9.1
60	16	2.02	29.3	8.6
55	13	1.99	27.8	8.1
50	10	1.96	26.2	7.7
47	8	1.94	25.3	7.4
45	7	1.90	24.0	7.0
40	4	1.79	20.6	6.0
35	2	1.68	17.3	5.1
30	-1	1.71	16.9	5.0
25	-4	1.73	16.6	4.9
20	-7	1.76	16.2	4.7
17	-8	1.77	16.0	4.7
15	-9	1.76	15.4	4.5
10	-12	1.73	13.9	4.1
5	-15	1.62	12.4	3.6
0	-18	1.51	10.8	3.2
-5	-21	1.40	9.3	2.7
-10	-23	1.29	7.8	2.3
-15	-26	1.18	6.3	1.8
-20	-29	1.06	4.8	1.4

**RATINGS**

**2.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**

**COOLING CAPACITY - XP15-030 with**

**[CX34-38B-6F + G61MPV-36B-045]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	840	395	28.6	8.4	1.82	.75	.89	1.00	27.2	8.0	2.09	.76	.91	1.00	25.8	7.6	2.38	.78	.94	1.00	24.0	7.0	2.73	.81	.97	1.00
	1050	495	30.2	8.9	1.83	.80	.96	1.00	28.6	8.4	2.09	.82	.98	1.00	27.0	7.9	2.38	.85	1.00	1.00	25.4	7.4	2.73	.88	1.00	1.00
	1235	585	31.2	9.1	1.84	.85	1.00	1.00	29.8	8.7	2.08	.88	1.00	1.00	28.4	8.3	2.38	.91	1.00	1.00	26.8	7.9	2.73	.94	1.00	1.00
67°F (19°C)	840	395	30.4	8.9	1.82	.59	.73	.85	29.0	8.5	2.09	.60	.74	.87	27.4	8.0	2.38	.61	.76	.90	25.6	7.5	2.72	.63	.78	.93
	1050	495	32.0	9.4	1.83	.63	.78	.93	30.4	8.9	2.09	.64	.80	.95	28.6	8.4	2.38	.66	.82	.98	26.8	7.9	2.73	.67	.85	1.00
	1235	585	33.0	9.7	1.84	.66	.83	.99	31.4	9.2	2.09	.68	.85	1.00	29.6	8.7	2.38	.69	.88	1.00	27.4	8.0	2.73	.72	.92	1.00
71°F (22°C)	840	395	32.2	9.4	1.83	.45	.58	.70	30.6	9.0	2.09	.46	.59	.72	29.0	8.5	2.38	.46	.60	.73	27.2	8.0	2.72	.47	.61	.76
	1050	495	33.8	9.9	1.84	.47	.62	.76	32.2	9.4	2.09	.48	.63	.78	30.4	8.9	2.39	.48	.64	.80	28.4	8.3	2.72	.49	.66	.83
	1235	585	34.8	10.2	1.85	.49	.65	.81	33.2	9.7	2.09	.50	.67	.83	31.2	9.1	2.39	.50	.68	.86	29.2	8.6	2.72	.51	.71	.89

**COOLING CAPACITY - XP15-030 with**

**[CX34-38B-6F + G61MPV-36B-070]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	830	390	28.6	8.4	1.82	.75	.88	1.00	27.2	8.0	2.08	.76	.90	1.00	25.6	7.5	2.38	.78	.93	1.00	24.0	7.0	2.73	.80	.96	1.00
	1015	480	29.8	8.7	1.82	.79	.95	1.00	28.4	8.3	2.08	.81	.97	1.00	26.8	7.9	2.38	.84	1.00	1.00	25.2	7.4	2.72	.87	1.00	1.00
	1190	560	31.0	9.1	1.82	.84	1.00	1.00	29.6	8.7	2.08	.86	1.00	1.00	28.0	8.2	2.38	.89	1.00	1.00	26.4	7.7	2.72	.93	1.00	1.00
67°F (19°C)	830	390	30.4	8.9	1.82	.59	.72	.85	28.8	8.4	2.08	.60	.74	.87	27.4	8.0	2.38	.61	.75	.89	25.6	7.5	2.71	.63	.78	.93
	1015	480	31.8	9.3	1.82	.62	.77	.91	30.2	8.9	2.08	.63	.79	.94	28.4	8.3	2.37	.65	.81	.97	26.6	7.8	2.71	.67	.84	1.00
	1190	560	32.6	9.6	1.83	.66	.82	.97	31.0	9.1	2.08	.67	.84	.99	29.2	8.6	2.37	.68	.87	1.00	27.2	8.0	2.72	.70	.90	1.00
71°F (22°C)	830	390	32.2	9.4	1.83	.45	.58	.70	30.6	9.0	2.08	.46	.59	.71	29.0	8.5	2.38	.46	.60	.73	27.0	7.9	2.71	.47	.61	.75
	1015	480	33.6	9.8	1.83	.47	.61	.75	32.0	9.4	2.08	.47	.62	.77	30.2	8.9	2.38	.48	.63	.79	28.2	8.3	2.71	.49	.65	.82
	1190	560	34.6	10.1	1.84	.49	.64	.80	33.0	9.7	2.09	.49	.66	.82	31.0	9.1	2.38	.50	.67	.84	29.0	8.5	2.71	.51	.69	.88

**HEATING CAPACITY - XP15-030 with**

**[CX34-38B-6F + G61MPV-36B-045]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
840	395	30.4	8.9	2.17	23.5	6.9	2.02	16.1	4.7	1.86	11.8	3.5	1.75	5.7	1.7	1.31
1050	495	31.2	9.1	2.03	24.2	7.1	1.88	16.8	4.9	1.72	12.5	3.7	1.61	6.4	1.9	1.17
1235	585	31.8	9.3	1.94	24.9	7.3	1.80	17.4	5.1	1.63	13.2	3.9	1.52	7.0	2.1	1.08

**HEATING CAPACITY - XP15-030 with**

**[CX34-38B-6F + G61MPV-36B-070]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
830	390	30.4	8.9	2.18	23.5	6.9	2.03	16.1	4.7	1.87	11.8	3.5	1.76	5.7	1.7	1.31
1015	480	31.0	9.1	2.04	24.1	7.1	1.89	16.7	4.9	1.73	12.5	3.7	1.62	6.4	1.9	1.17
1190	560	31.6	9.3	1.96	24.7	7.2	1.81	17.3	5.1	1.65	13.0	3.8	1.54	7.0	2.1	1.09

**HEATING PERFORMANCE at 1050 cfm (495 L/s) Indoor Coil Air Volume XP15-030 with [CX34-38B-6F + G61MPV-36B-045]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.03	31.2	9.1
60	16	2.00	29.6	8.7
55	13	1.97	28.0	8.2
50	10	1.94	26.5	7.8
47	8	1.93	25.6	7.5
45	7	1.88	24.2	7.1
40	4	1.78	20.8	6.1
35	2	1.67	17.5	5.1
30	-1	1.69	17.1	5.0
25	-4	1.72	16.8	4.9
20	-7	1.75	16.4	4.8
17	-8	1.76	16.2	4.7
15	-9	1.75	15.6	4.6
10	-12	1.72	14.1	4.1
5	-15	1.61	12.5	3.7
0	-18	1.50	11.0	3.2
-5	-21	1.39	9.5	2.8
-10	-23	1.28	7.9	2.3
-15	-26	1.17	6.4	1.9
-20	-29	1.06	4.9	1.4

**HEATING PERFORMANCE at 1015 cfm (480 L/s) Indoor Coil Air Volume XP15-030 with [CX34-38B-6F + G61MPV-36B-070]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.04	31.0	9.1
60	16	2.01	29.4	8.6
55	13	1.98	27.9	8.2
50	10	1.95	26.3	7.7
47	8	1.94	25.4	7.4
45	7	1.89	24.1	7.1
40	4	1.79	20.7	6.1
35	2	1.68	17.4	5.1
30	-1	1.70	17.0	5.0
25	-4	1.73	16.7	4.9
20	-7	1.76	16.3	4.8
17	-8	1.77	16.1	4.7
15	-9	1.76	15.5	4.5
10	-12	1.73	14.0	4.1
5	-15	1.62	12.5	3.7
0	-18	1.51	10.9	3.2
-5	-21	1.40	9.4	2.8
-10	-23	1.29	7.9	2.3
-15	-26	1.17	6.4	1.9
-20	-29	1.06	4.8	1.4

**RATINGS**

**2.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**

**COOLING CAPACITY - XP15-030 with**

**[CX34-43C-6F + G61MPC-36C-090]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	28.4	8.3	1.83	.74	.87	.99	27.0	7.9	2.10	.76	.89	1.00	25.6	7.5	2.39	.77	.92	1.00	23.8	7.0	2.75	.80	.95	1.00
	1020	480	30.0	8.8	1.83	.79	.94	1.00	28.6	8.4	2.09	.81	.97	1.00	27.0	7.9	2.40	.83	1.00	1.00	25.4	7.4	2.74	.86	1.00	1.00
	1185	560	31.2	9.1	1.84	.84	.99	1.00	29.6	8.7	2.09	.86	1.00	1.00	28.2	8.3	2.40	.88	1.00	1.00	26.6	7.8	2.74	.92	1.00	1.00
67°F (19°C)	800	380	30.2	8.9	1.83	.59	.71	.84	28.8	8.4	2.10	.60	.73	.86	27.2	8.0	2.39	.61	.75	.88	25.4	7.4	2.73	.62	.77	.91
	1020	480	31.8	9.3	1.84	.62	.77	.91	30.2	8.9	2.09	.63	.79	.93	28.6	8.4	2.39	.65	.81	.96	26.6	7.8	2.74	.66	.84	1.00
	1185	560	32.8	9.6	1.84	.65	.81	.97	31.2	9.1	2.10	.66	.83	.99	29.4	8.6	2.39	.68	.86	1.00	27.4	8.0	2.74	.70	.90	1.00
71°F (22°C)	800	380	32.0	9.4	1.84	.46	.57	.69	30.4	8.9	2.10	.46	.58	.70	28.8	8.4	2.39	.46	.59	.72	27.0	7.9	2.73	.47	.61	.74
	1020	480	33.6	9.8	1.85	.47	.61	.74	32.0	9.4	2.10	.47	.62	.76	30.2	8.9	2.39	.48	.63	.78	28.4	8.3	2.73	.49	.65	.81
	1185	560	34.6	10.1	1.85	.49	.64	.79	33.0	9.7	2.10	.49	.65	.81	31.2	9.1	2.39	.50	.67	.84	29.0	8.5	2.74	.51	.69	.87

**COOLING CAPACITY - XP15-030 with**

**[CX34-49C-6F + G61MPC-36C-090]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	28.4	8.3	1.83	.74	.87	.99	27.2	8.0	2.09	.76	.89	1.00	25.6	7.5	2.39	.77	.92	1.00	24.0	7.0	2.74	.80	.95	1.00
	1010	475	30.2	8.9	1.84	.79	.95	1.00	28.6	8.4	2.09	.81	.97	1.00	27.0	7.9	2.39	.84	1.00	1.00	25.6	7.5	2.74	.87	1.00	1.00
	1185	560	31.2	9.1	1.84	.84	1.00	1.00	29.8	8.7	2.09	.86	1.00	1.00	28.4	8.3	2.38	.89	1.00	1.00	26.8	7.9	2.73	.92	1.00	1.00
67°F (19°C)	800	380	30.0	8.8	1.83	.59	.72	.84	28.6	8.4	2.09	.60	.73	.86	27.0	7.9	2.39	.61	.75	.88	25.4	7.4	2.74	.62	.77	.91
	1010	475	31.8	9.3	1.84	.63	.77	.91	30.2	8.9	2.09	.63	.79	.94	28.6	8.4	2.39	.65	.81	.97	26.8	7.9	2.73	.67	.84	1.00
	1185	560	33.0	9.7	1.84	.65	.81	.97	31.2	9.1	2.09	.67	.84	.99	29.6	8.7	2.39	.68	.86	1.00	27.6	8.1	2.73	.70	.90	1.00
71°F (22°C)	800	380	31.8	9.3	1.84	.46	.58	.69	30.2	8.9	2.09	.46	.59	.71	28.6	8.4	2.39	.46	.60	.72	26.8	7.9	2.74	.47	.61	.75
	1010	475	33.4	9.8	1.84	.47	.61	.75	31.8	9.3	2.09	.48	.62	.77	30.0	8.8	2.39	.48	.64	.79	28.2	8.3	2.73	.49	.66	.82
	1185	560	34.6	10.1	1.84	.49	.64	.79	32.8	9.6	2.09	.49	.66	.81	31.0	9.1	2.39	.50	.67	.84	29.0	8.5	2.73	.51	.69	.87

**HEATING CAPACITY - XP15-030 with**

**[CX34-43C-6F + G61MPC-36C-090]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input			
800	380	30.1	8.8	2.09	23.2	6.8	1.97	15.8	4.6	1.83	11.6	3.4	1.73	5.7	1.7	1.29				
1020	480	30.6	9.0	1.94	23.7	6.9	1.82	16.4	4.8	1.68	12.1	3.5	1.58	6.2	1.8	1.14				
1185	560	31.2	9.1	1.87	24.3	7.1	1.75	17.0	5.0	1.60	12.8	3.8	1.50	6.8	2.0	1.07				

**HEATING CAPACITY - XP15-030 with**

**[CX34-49C-6F + G61MPC-36C-090]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input			
800	380	31.2	9.1	1.87	23.7	6.9	1.76	15.6	4.6	1.66	11.7	3.4	1.49	5.7	1.7	1.11				
1010	475	31.9	9.3	1.75	24.4	7.2	1.64	16.3	4.8	1.54	12.4	3.6	1.37	6.4	1.9	1.00				
1185	560	32.4	9.5	1.68	24.9	7.3	1.58	16.8	4.9	1.48	12.9	3.8	1.31	6.9	2.0	.93				

**HEATING PERFORMANCE at 1020 cfm (480 L/s) Indoor Coil Air Volume XP15-030 with [CX34-43C-6F + G61MPC-36C-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.94	30.6	9.0
60	16	1.92	29.1	8.5
55	13	1.90	27.5	8.1
50	10	1.87	26.0	7.6
47	8	1.86	25.1	7.4
45	7	1.82	23.7	6.9
40	4	1.72	20.4	6.0
35	2	1.62	17.1	5.0
30	-1	1.65	16.7	4.9
25	-4	1.68	16.4	4.8
20	-7	1.70	16.0	4.7
17	-8	1.72	15.8	4.6
15	-9	1.71	15.2	4.5
10	-12	1.69	13.6	4.0
5	-15	1.58	12.1	3.5
0	-18	1.47	10.7	3.1
-5	-21	1.36	9.2	2.7
-10	-23	1.25	7.7	2.3
-15	-26	1.14	6.2	1.8
-20	-29	1.03	4.7	1.4

**HEATING PERFORMANCE at 1010 cfm (475 L/s) Indoor Coil Air Volume XP15-030 with [CX34-49C-6F + G61MPC-36C-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.75	31.9	9.3
60	16	1.72	30.3	8.9
55	13	1.70	28.7	8.4
50	10	1.67	27.0	7.9
47	8	1.65	26.0	7.6
45	7	1.64	24.4	7.2
40	4	1.62	20.5	6.0
35	2	1.60	16.5	4.8
30	-1	1.57	16.4	4.8
25	-4	1.54	16.3	4.8
20	-7	1.52	16.3	4.8
17	-8	1.50	16.2	4.7
15	-9	1.49	15.6	4.6
10	-12	1.47	13.9	4.1
5	-15	1.37	12.4	3.6
0	-18	1.28	10.9	3.2
-5	-21	1.18	9.4	2.8
-10	-23	1.09	7.9	2.3
-15	-26	1.00	6.4	1.9
-20	-29	.90	4.9	1.4

**RATINGS**

**2.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**

**[CX34-50/60C-6F + G61MPC-36C-090]**

**COOLING CAPACITY - XP15-030 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	28.2	8.3	1.84	.74	.87	.99	27.0	7.9	2.10	.75	.89	1.00	25.4	7.4	2.41	.77	.91	1.00	23.8	7.0	2.75	.79	.94	1.00
	1010	475	29.8	8.7	1.84	.79	.94	1.00	28.4	8.3	2.09	.81	.96	1.00	26.8	7.9	2.40	.83	.99	1.00	25.2	7.4	2.74	.86	1.00	1.00
	1185	560	30.8	9.0	1.84	.83	.99	1.00	29.4	8.6	2.10	.85	1.00	1.00	28.0	8.2	2.40	.88	1.00	1.00	26.4	7.7	2.74	.91	1.00	1.00
67°F (19°C)	800	380	30.0	8.8	1.84	.59	.71	.83	28.6	8.4	2.10	.60	.73	.85	27.2	8.0	2.39	.61	.74	.88	25.4	7.4	2.74	.62	.77	.91
	1010	475	31.8	9.3	1.84	.62	.76	.90	30.2	8.9	2.10	.63	.78	.93	28.4	8.3	2.40	.64	.80	.96	26.6	7.8	2.74	.66	.83	.99
	1185	560	32.8	9.6	1.85	.65	.81	.96	31.0	9.1	2.10	.66	.83	.98	29.2	8.6	2.40	.67	.85	1.00	27.2	8.0	2.75	.69	.89	1.00
71°F (22°C)	800	380	31.8	9.3	1.85	.46	.57	.69	30.4	8.9	2.10	.46	.58	.70	28.8	8.4	2.39	.46	.59	.72	26.8	7.9	2.74	.47	.61	.74
	1010	475	33.6	9.8	1.85	.47	.60	.74	32.0	9.4	2.10	.47	.62	.76	30.2	8.9	2.40	.48	.63	.78	28.2	8.3	2.74	.49	.65	.81
	1185	560	34.6	10.1	1.86	.48	.63	.78	33.0	9.7	2.11	.49	.65	.80	31.2	9.1	2.41	.49	.66	.83	29.0	8.5	2.74	.50	.68	.86

**HEATING CAPACITY - XP15-030 with**

**[CX34-50/60C-6F + G61MPC-36C-090]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input		
cfm	L/s	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh
800	380	29.9	8.8	2.07	23.1	6.8	1.98	15.9	4.7	1.87	11.7	3.4	1.79	5.6	1.6	1.33				
1010	475	30.6	9.0	1.93	23.8	7.0	1.84	16.6	4.9	1.73	12.4	3.6	1.65	6.3	1.8	1.19				
1185	560	31.0	9.1	1.85	24.2	7.1	1.76	17.0	5.0	1.65	12.8	3.8	1.57	6.7	2.0	1.11				

**HEATING PERFORMANCE at 1010 cfm (475 L/s) Indoor Coil Air Volume XP15-030 with [CX34-50/60C-6F + G61MPC-36C-090]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kW Input		kBtuh	kW
65	18	1.93		30.6	9.0
60	16	1.91		29.1	8.5
55	13	1.90		27.5	8.1
50	10	1.88		26.0	7.6
47	8	1.87		25.1	7.4
45	7	1.84		23.8	7.0
40	4	1.75		20.5	6.0
35	2	1.66		17.2	5.0
30	-1	1.69		16.9	5.0
25	-4	1.73		16.6	4.9
20	-7	1.76		16.3	4.8
17	-8	1.79		16.1	4.7
15	-9	1.78		15.4	4.5
10	-12	1.76		13.9	4.1
5	-15	1.65		12.4	3.6
0	-18	1.53		10.9	3.2
-5	-21	1.42		9.4	2.8
-10	-23	1.30		7.9	2.3
-15	-26	1.19		6.3	1.8
-20	-29	1.07		4.8	1.4

**RATINGS**

**2.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**DOWN-FLOW INDOOR COILS**

[CR33-48B/C-F]

**COOLING CAPACITY - XP15-030 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	28.0	8.2	1.81	.73	.86	.98	26.6	7.8	2.06	.74	.88	1.00	25.2	7.4	2.36	.76	.90	1.00	23.4	6.9	2.71	.78	.94	1.00
	1000	470	29.4	8.6	1.81	.77	.92	1.00	27.8	8.1	2.07	.79	.95	1.00	26.2	7.7	2.36	.81	.97	1.00	24.6	7.2	2.71	.84	1.00	1.00
	1200	565	30.2	8.9	1.81	.82	.98	1.00	28.8	8.4	2.06	.84	1.00	1.00	27.4	8.0	2.36	.86	1.00	1.00	25.8	7.6	2.71	.90	1.00	1.00
67°F (19°C)	800	380	29.6	8.7	1.81	.58	.70	.82	28.2	8.3	2.06	.58	.72	.84	26.8	7.9	2.36	.60	.74	.87	25.0	7.3	2.70	.61	.76	.90
	1000	470	31.2	9.1	1.82	.61	.75	.89	29.6	8.7	2.07	.61	.77	.91	28.0	8.2	2.36	.63	.79	.94	26.2	7.7	2.69	.65	.82	.98
	1200	565	32.2	9.4	1.81	.63	.79	.95	30.6	9.0	2.06	.65	.81	.97	28.8	8.4	2.35	.66	.84	1.00	26.8	7.9	2.69	.68	.87	1.00
71°F (22°C)	800	380	31.4	9.2	1.81	.44	.56	.68	30.0	8.8	2.07	.45	.57	.69	28.4	8.3	2.36	.45	.58	.71	26.6	7.8	2.70	.45	.59	.73
	1000	470	32.8	9.6	1.82	.45	.59	.73	31.4	9.2	2.07	.46	.60	.74	29.6	8.7	2.36	.46	.61	.76	27.8	8.1	2.69	.47	.63	.79
	1200	565	34.0	10.0	1.83	.46	.62	.77	32.4	9.5	2.07	.47	.64	.79	30.6	9.0	2.36	.48	.65	.82	28.6	8.4	2.70	.49	.67	.85

**HEATING CAPACITY - XP15-030 with**

[CR33-48B/C-F]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	
kBtuh	kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW			
800	380	32.0	9.4	2.25	24.8	7.3	2.10	17.0	5.0	1.92	12.5	3.7	1.79	6.1	1.8	1.34
1000	470	32.6	9.6	2.11	25.4	7.4	1.95	17.6	5.2	1.78	13.1	3.8	1.64	6.7	2.0	1.19
1200	565	33.1	9.7	2.02	25.9	7.6	1.87	18.1	5.3	1.69	13.6	4.0	1.55	7.2	2.1	1.11

**HEATING PERFORMANCE at 1000 cfm (380 L/s) Indoor Coil**

**Air Volume XP15-030 with** [CR33-48B/C-F]

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.11	32.6	9.6
60	16	2.08	31.0	9.1
55	13	2.05	29.4	8.6
50	10	2.01	27.7	8.1
47	8	1.99	26.8	7.9
45	7	1.95	25.4	7.4
40	4	1.85	21.9	6.4
35	2	1.75	18.4	5.4
30	-1	1.77	18.0	5.3
25	-4	1.78	17.6	5.2
20	-7	1.79	17.2	5.0
17	-8	1.80	17.0	5.0
15	-9	1.79	16.3	4.8
10	-12	1.76	14.7	4.3
5	-15	1.64	13.1	3.8
0	-18	1.53	11.5	3.4
-5	-21	1.42	9.9	2.9
-10	-23	1.31	8.3	2.4
-15	-26	1.19	6.7	2.0
-20	-29	1.08	5.1	1.5

**RATINGS**

**2.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**DOWN-FLOW INDOOR COILS WITH GAS FURNACES**

**COOLING CAPACITY - XP15-030 with**

**[CR33-48B-F + G60DFV-36B-090]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	920	435	28.8	8.4	1.84	.76	.90	1.00	27.4	8.0	2.10	.77	.92	1.00	25.8	7.6	2.40	.79	.95	1.00	24.0	7.0	2.75	.82	.98	1.00
	1040	490	29.4	8.6	1.85	.78	.94	1.00	28.0	8.2	2.10	.80	.96	1.00	26.4	7.7	2.40	.82	.99	1.00	24.8	7.3	2.75	.85	1.00	1.00
	1140	540	30.0	8.8	1.84	.80	.96	1.00	28.4	8.3	2.10	.82	.99	1.00	27.0	7.9	2.40	.85	1.00	1.00	25.4	7.4	2.75	.88	1.00	1.00
67°F (19°C)	920	435	30.6	9.0	1.84	.60	.73	.86	29.0	8.5	2.10	.60	.75	.88	27.6	8.1	2.40	.61	.77	.91	25.6	7.5	2.75	.63	.79	.95
	1040	490	31.4	9.2	1.85	.61	.76	.90	29.8	8.7	2.10	.62	.78	.93	28.2	8.3	2.40	.63	.80	.96	26.2	7.7	2.74	.65	.83	.99
	1140	540	31.8	9.3	1.85	.63	.78	.93	30.4	8.9	2.10	.63	.80	.96	28.6	8.4	2.40	.65	.83	.99	26.6	7.8	2.75	.67	.86	1.00
71°F (22°C)	920	435	32.2	9.4	1.85	.45	.58	.71	30.8	9.0	2.10	.45	.59	.72	29.2	8.6	2.40	.46	.60	.74	27.4	8.0	2.75	.46	.62	.77
	1040	490	33.0	9.7	1.85	.45	.60	.73	31.6	9.3	2.11	.46	.61	.75	29.8	8.7	2.40	.47	.62	.77	28.0	8.2	2.75	.47	.64	.80
	1140	540	33.6	9.8	1.86	.46	.61	.76	32.0	9.4	2.11	.47	.63	.78	30.4	8.9	2.41	.47	.64	.80	28.4	8.3	2.73	.48	.66	.83

**COOLING CAPACITY - XP15-030 with**

**[CR33-48B-F + G61MPV-36B-045]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	840	395	28.2	8.3	1.80	.74	.87	.99	26.8	7.9	2.05	.75	.89	1.00	25.4	7.4	2.35	.77	.92	1.00	23.6	6.9	2.69	.79	.95	1.00
	1050	495	29.6	8.7	1.80	.78	.94	1.00	28.2	8.3	2.05	.80	.96	1.00	26.4	7.7	2.35	.83	.99	1.00	24.8	7.3	2.69	.86	1.00	1.00
	1185	560	30.2	8.9	1.80	.81	.97	1.00	28.8	8.4	2.05	.84	1.00	1.00	27.2	8.0	2.33	.86	1.00	1.00	25.6	7.5	2.69	.89	1.00	1.00
67°F (19°C)	840	395	30.0	8.8	1.80	.58	.71	.84	28.6	8.4	2.05	.59	.73	.86	27.0	7.9	2.35	.60	.75	.88	25.2	7.4	2.69	.62	.77	.92
	1050	495	31.4	9.2	1.81	.61	.76	.90	29.8	8.7	2.06	.62	.78	.93	28.2	8.3	2.34	.64	.80	.96	26.4	7.7	2.68	.66	.83	.99
	1185	560	32.0	9.4	1.81	.63	.79	.94	30.6	9.0	2.05	.64	.81	.97	28.8	8.4	2.34	.66	.84	1.00	26.8	7.9	2.67	.68	.87	1.00
71°F (22°C)	840	395	31.6	9.3	1.80	.44	.57	.69	30.2	8.9	2.06	.44	.58	.70	28.6	8.4	2.34	.45	.59	.72	26.8	7.9	2.68	.46	.60	.74
	1050	495	33.2	9.7	1.81	.45	.60	.74	31.6	9.3	2.06	.46	.61	.75	29.8	8.7	2.35	.47	.62	.78	28.0	8.2	2.67	.47	.64	.81
	1185	560	33.8	9.9	1.81	.46	.62	.77	32.2	9.4	2.06	.47	.63	.79	30.6	9.0	2.35	.47	.65	.81	28.6	8.4	2.68	.48	.67	.85

**HEATING CAPACITY - XP15-030 with**

**[CR33-48B-F + G60DFV-36B-090]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input
920	435	31.9	9.3	2.16	24.6	7.2	2.01	16.8	4.9	1.84	12.4	3.6	1.71	6.2	1.8	1.26	6.2	1.8	1.26	
1040	490	32.1	9.4	2.08	24.9	7.3	1.93	17.1	5.0	1.76	12.6	3.7	1.63	6.5	1.9	1.19	6.5	1.9	1.19	
1140	540	32.4	9.5	2.04	25.1	7.4	1.89	17.4	5.1	1.72	12.9	3.8	1.59	6.7	2.0	1.14	6.7	2.0	1.14	

**HEATING CAPACITY - XP15-030 with**

**[CR33-48B-F + G61MPV-36B-045]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input
840	395	31.8	9.3	2.22	24.5	7.2	2.07	16.8	4.9	1.90	12.3	3.6	1.77	6.0	1.8	1.32	6.0	1.8	1.32	
1050	495	32.4	9.5	2.08	25.1	7.4	1.93	17.3	5.1	1.76	12.8	3.8	1.63	6.6	1.9	1.18	6.6	1.9	1.18	
1185	560	32.9	9.6	2.02	25.6	7.5	1.87	17.8	5.2	1.70	13.3	3.9	1.58	7.0	2.0	1.13	7.0	2.0	1.13	

**HEATING PERFORMANCE AT 1040 cfm (490 L/s) Indoor Coil**

**Air Volume XP15-030 with [CR33-48B-F + G60DFV-36B-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.08	32.1	9.4
60	16	2.05	30.5	8.9
55	13	2.02	28.9	8.5
50	10	1.99	27.2	8.0
47	8	1.97	26.3	7.7
45	7	1.93	24.9	7.3
40	4	1.83	21.4	6.3
35	2	1.73	17.9	5.2
30	-1	1.75	17.5	5.1
25	-4	1.76	17.1	5.0
20	-7	1.78	16.7	4.9
17	-8	1.79	16.5	4.8
15	-9	1.78	15.8	4.6
10	-12	1.74	14.2	4.2
5	-15	1.63	12.6	3.7
0	-18	1.52	11.1	3.3
-5	-21	1.41	9.6	2.8
-10	-23	1.30	8.0	2.3
-15	-26	1.19	6.5	1.9
-20	-29	1.07	4.9	1.4

**HEATING PERFORMANCE AT 1050 cfm (495 L/s) Indoor Coil**

**Air Volume XP15-030 with [CR33-48B-F + G61MPV-36B-045]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.08	32.4	9.5
60	16	2.05	30.8	9.0
55	13	2.02	29.1	8.5
50	10	1.99	27.5	8.1
47	8	1.97	26.5	7.8
45	7	1.93	25.1	7.4
40	4	1.83	21.6	6.3
35	2	1.73	18.1	5.3
30	-1	1.74	17.7	5.2
25	-4	1.76	17.3	5.1
20	-7	1.78	16.9	5.0
17	-8	1.78	16.7	4.9
15	-9	1.77	16.0	4.7
10	-12	1.74	14.4	4.2
5	-15	1.63	12.8	3.8
0	-18	1.52	11.3	3.3
-5	-21	1.41	9.7	2.8
-10	-23	1.30	8.1	2.4
-15	-26	1.18	6.6	1.9
-20	-29	1.07	5.0	1.5



NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**DOWN-FLOW INDOOR COILS WITH GAS FURNACES**

**COOLING CAPACITY - XP15-030 with**

[CR33-48B-F + G61MPV-36B-070]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	825	390	28.2	8.3	1.81	.74	.87	.99	26.8	7.9	2.06	.75	.89	1.00	25.2	7.4	2.36	.77	.92	1.00	23.6	6.9	2.71	.79	.95	1.00
	1015	480	29.4	8.6	1.81	.78	.93	1.00	27.8	8.1	2.07	.79	.95	1.00	26.2	7.7	2.36	.82	.98	1.00	24.6	7.2	2.70	.85	1.00	1.00
	1190	560	30.2	8.9	1.81	.81	.97	1.00	28.8	8.4	2.06	.84	1.00	1.00	27.2	8.0	2.35	.86	1.00	1.00	25.8	7.6	2.71	.90	1.00	1.00
67°F (19°C)	825	390	29.8	8.7	1.81	.58	.71	.83	28.4	8.3	2.06	.59	.72	.85	26.8	7.9	2.36	.60	.74	.88	25.2	7.4	2.70	.62	.77	.91
	1015	480	31.2	9.1	1.82	.61	.75	.89	29.6	8.7	2.07	.62	.77	.92	28.0	8.2	2.36	.63	.79	.95	26.2	7.7	2.70	.65	.82	.98
	1190	560	32.2	9.4	1.82	.63	.79	.94	30.6	9.0	2.06	.64	.81	.97	28.8	8.4	2.35	.66	.84	1.00	26.8	7.9	2.69	.68	.87	1.00
71°F (22°C)	825	390	31.6	9.3	1.81	.44	.57	.69	30.2	8.9	2.07	.44	.57	.70	28.4	8.3	2.36	.45	.59	.72	26.6	7.8	2.70	.46	.60	.74
	1015	480	33.0	9.7	1.82	.45	.60	.73	31.4	9.2	2.07	.46	.61	.75	29.8	8.7	2.36	.46	.62	.77	27.8	8.1	2.69	.47	.64	.80
	1190	560	33.8	9.9	1.83	.46	.62	.77	32.2	9.4	2.07	.47	.63	.79	30.6	9.0	2.36	.47	.65	.81	28.6	8.4	2.70	.48	.67	.85

**HEATING CAPACITY - XP15-030 with**

[CR33-48B-F + G61MPV-36B-070]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	
cfm	L/s	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW
825	390	31.7	9.3	2.24	24.5	7.2	2.08	16.7	4.9	1.90	12.2	3.6	1.77	6.0	1.8	1.32
1015	480	32.3	9.5	2.11	25.0	7.3	1.95	17.2	5.0	1.77	12.7	3.7	1.64	6.5	1.9	1.19
1190	560	32.8	9.6	2.03	25.5	7.5	1.87	17.8	5.2	1.69	13.3	3.9	1.56	7.1	2.1	1.11

**HEATING PERFORMANCE at 1015 cfm (480 L/s) Indoor Coil**

**Air Volume XP15-030 with [CR33-48B-F + G61MPV-36B-070]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.11	32.3	9.5
60	16	2.08	30.6	9.0
55	13	2.04	29.0	8.5
50	10	2.01	27.4	8.0
47	8	1.99	26.4	7.7
45	7	1.95	25.0	7.3
40	4	1.85	21.5	6.3
35	2	1.75	18.0	5.3
30	-1	1.76	17.6	5.2
25	-4	1.77	17.2	5.0
20	-7	1.79	16.8	4.9
17	-8	1.80	16.6	4.9
15	-9	1.78	15.9	4.7
10	-12	1.75	14.3	4.2
5	-15	1.64	12.7	3.7
0	-18	1.53	11.2	3.3
-5	-21	1.41	9.6	2.8
-10	-23	1.30	8.1	2.4
-15	-26	1.19	6.5	1.9
-20	-29	1.08	5.0	1.5

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**HORIZONTAL INDOOR COILS**

**COOLING CAPACITY - XP15-030 with**

[CH23-51]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
	Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb				
				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C		
cfm	L/s	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW			
63°F (17°C)	800	380	27.8	8.1	1.84	.73	.86	.98	26.4	7.7	2.10	.75	.88	1.00	25.0	7.3	2.40	.76	.91	1.00	23.4	6.9	2.75	.79	.94	1.00
	1000	470	29.2	8.6	1.83	.78	.93	1.00	27.6	8.1	2.09	.80	.95	1.00	26.2	7.7	2.40	.82	.98	1.00	24.6	7.2	2.73	.85	1.00	1.00
	1200	565	30.2	8.9	1.84	.82	.98	1.00	28.8	8.4	2.09	.84	1.00	1.00	27.4	8.0	2.39	.87	1.00	1.00	25.8	7.6	2.74	.91	1.00	1.00
67°F (19°C)	800	380	29.4	8.6	1.83	.58	.71	.83	28.0	8.2	2.09	.59	.72	.85	26.6	7.8	2.39	.60	.74	.87	24.8	7.3	2.74	.61	.76	.91
	1000	470	31.0	9.1	1.83	.61	.75	.89	29.4	8.6	2.09	.62	.77	.92	27.8	8.1	2.39	.63	.79	.95	26.0	7.6	2.74	.65	.82	.98
	1200	565	32.0	9.4	1.84	.64	.80	.95	30.4	8.9	2.09	.65	.82	.98	28.6	8.4	2.39	.67	.85	1.00	26.8	7.9	2.73	.69	.88	1.00
71°F (22°C)	800	380	31.2	9.1	1.84	.45	.57	.68	29.6	8.7	2.09	.45	.58	.70	28.0	8.2	2.39	.45	.58	.71	26.4	7.7	2.73	.46	.60	.74
	1000	470	32.6	9.6	1.84	.46	.60	.73	31.2	9.1	2.09	.46	.61	.75	29.4	8.6	2.39	.47	.62	.77	27.6	8.1	2.73	.47	.64	.80
	1200	565	33.8	9.9	1.85	.47	.63	.78	32.2	9.4	2.10	.48	.64	.80	30.4	8.9	2.40	.48	.66	.82	28.4	8.3	2.74	.49	.68	.86

**HEATING CAPACITY - XP15-030 with**

[CH23-51]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	
cfm	L/s	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW
800	380	32.2	9.4	2.21	24.8	7.3	2.06	17.0	5.0	1.90	12.5	3.7	1.78	6.1	1.8	1.33
1000	470	32.8	9.6	2.06	25.4	7.4	1.92	17.6	5.2	1.76	13.1	3.8	1.63	6.7	2.0	1.18
1200	565	33.2	9.7	1.97	25.9	7.6	1.83	18.1	5.3	1.67	13.6	4.0	1.54	7.2	2.1	1.09

**HEATING PERFORMANCE at 1000 cfm (470 L/s) Indoor Coil**

**Air Volume XP15-030 with** [CH23-51]

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.06	32.8	9.6
60	16	2.03	31.1	9.1
55	13	2.00	29.5	8.6
50	10	1.98	27.8	8.1
47	8	1.96	26.9	7.9
45	7	1.92	25.4	7.4
40	4	1.82	21.9	6.4
35	2	1.72	18.4	5.4
30	-1	1.74	18.0	5.3
25	-4	1.76	17.6	5.2
20	-7	1.77	17.2	5.0
17	-8	1.78	17.0	5.0
15	-9	1.77	16.3	4.8
10	-12	1.74	14.7	4.3
5	-15	1.63	13.1	3.8
0	-18	1.52	11.5	3.4
-5	-21	1.41	9.9	2.9
-10	-23	1.30	8.3	2.4
-15	-26	1.18	6.7	2.0
-20	-29	1.07	5.1	1.5

**RATINGS**

**2.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**HORIZONTAL INDOOR COILS WITH GAS FURNACES**

**COOLING CAPACITY - XP15-030 with**

**[CH23-51 + G60UHV-36A-070]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	830	390	28.0	8.2	1.81	.74	.87	.99	26.6	7.8	2.07	.75	.89	1.00	25.2	7.4	2.35	.77	.92	1.00	23.4	6.9	2.70	.80	.95	1.00
	1000	470	29.2	8.6	1.80	.78	.93	1.00	27.6	8.1	2.06	.80	.95	1.00	26.2	7.7	2.36	.82	.98	1.00	24.6	7.2	2.69	.85	1.00	1.00
	1165	550	30.0	8.8	1.81	.81	.98	1.00	28.6	8.4	2.06	.84	.99	1.00	27.2	8.0	2.35	.86	1.00	1.00	25.6	7.5	2.70	.90	1.00	1.00
67°F (19°C)	830	390	29.6	8.7	1.81	.59	.71	.84	28.2	8.3	2.06	.60	.73	.86	26.8	7.9	2.36	.60	.75	.88	25.0	7.3	2.70	.62	.77	.92
	1000	470	31.0	9.1	1.80	.61	.75	.89	29.4	8.6	2.06	.62	.77	.92	27.8	8.1	2.35	.63	.79	.95	26.0	7.6	2.70	.65	.82	.98
	1165	550	31.8	9.3	1.81	.63	.79	.94	30.2	8.9	2.06	.64	.81	.97	28.6	8.4	2.36	.66	.84	.99	26.6	7.8	2.69	.68	.87	1.00
71°F (22°C)	830	390	31.4	9.2	1.81	.44	.57	.69	29.8	8.7	2.06	.45	.58	.71	28.4	8.3	2.36	.45	.59	.72	26.6	7.8	2.70	.46	.60	.75
	1000	470	32.6	9.6	1.82	.46	.60	.73	31.2	9.1	2.06	.46	.61	.75	29.4	8.6	2.35	.47	.62	.77	27.6	8.1	2.69	.47	.64	.80
	1165	550	33.6	9.8	1.82	.47	.62	.77	32.0	9.4	2.07	.47	.63	.79	30.2	8.9	2.35	.48	.65	.81	28.2	8.3	2.69	.49	.67	.85

**COOLING CAPACITY - XP15-030 with**

**[CH23-51 + G60UHV-36B-090]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	835	395	28.0	8.2	1.81	.74	.87	.99	26.6	7.8	2.06	.75	.90	1.00	25.2	7.4	2.36	.77	.92	1.00	23.6	6.9	2.71	.80	.95	1.00
	1005	475	29.2	8.6	1.80	.78	.93	1.00	27.6	8.1	2.06	.80	.95	1.00	26.2	7.7	2.37	.82	.98	1.00	24.6	7.2	2.70	.85	1.00	1.00
	1165	550	30.0	8.8	1.81	.81	.98	1.00	28.6	8.4	2.07	.84	.99	1.00	27.2	8.0	2.36	.86	1.00	1.00	25.6	7.5	2.70	.90	1.00	1.00
67°F (19°C)	835	395	29.8	8.7	1.81	.59	.71	.84	28.4	8.3	2.07	.60	.73	.86	26.8	7.9	2.36	.60	.75	.89	25.0	7.3	2.71	.62	.77	.92
	1005	475	31.0	9.1	1.81	.61	.75	.89	29.4	8.6	2.06	.62	.77	.92	27.8	8.1	2.36	.63	.79	.95	26.0	7.6	2.71	.65	.82	.98
	1165	550	31.8	9.3	1.81	.63	.79	.94	30.2	8.9	2.06	.64	.81	.97	28.6	8.4	2.36	.66	.84	.99	26.6	7.8	2.70	.68	.87	1.00
71°F (22°C)	835	395	31.4	9.2	1.81	.45	.57	.69	30.0	8.8	2.07	.45	.58	.71	28.4	8.3	2.35	.45	.59	.72	26.6	7.8	2.70	.46	.61	.75
	1005	475	32.8	9.6	1.82	.46	.60	.73	31.2	9.1	2.07	.46	.61	.75	29.4	8.6	2.36	.47	.62	.77	27.6	8.1	2.70	.47	.64	.80
	1165	550	33.6	9.8	1.82	.47	.62	.77	32.0	9.4	2.07	.47	.63	.79	30.2	8.9	2.36	.48	.65	.81	28.2	8.3	2.70	.49	.67	.85

**HEATING CAPACITY - XP15-030 with**

**[CH23-51 + G60UHV-36A-070]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input
830	390	31.9	9.3	2.18	24.6	7.2	2.04	16.8	4.9	1.88	12.3	3.6	1.75	6.1	1.8	1.31
1000	470	32.3	9.5	2.06	25.0	7.3	1.92	17.2	5.0	1.76	12.7	3.7	1.63	6.5	1.9	1.18
1165	550	32.8	9.6	1.99	25.5	7.5	1.84	17.7	5.2	1.68	13.2	3.9	1.56	7.0	2.1	1.11

**HEATING CAPACITY - XP15-030 with**

**[CH23-51 + G60UHV-36B-090]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input
835	395	31.8	9.3	2.18	24.5	7.2	2.04	16.7	4.9	1.88	12.2	3.6	1.75	6.0	1.8	1.30
1005	475	32.2	9.4	2.06	24.9	7.3	1.92	17.2	5.0	1.76	12.6	3.7	1.63	6.5	1.9	1.18
1165	550	32.7	9.6	1.99	25.4	7.4	1.84	17.6	5.2	1.68	13.1	3.8	1.56	6.9	2.0	1.11

**HEATING PERFORMANCE at 1000 cfm (470 L/s) Indoor Coil**

**Air Volume XP15-030 with [CH23-51 + G60UHV-36A-070]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.06	32.3	9.5
60	16	2.03	30.7	9.0
55	13	2.00	29.0	8.5
50	10	1.98	27.4	8.0
47	8	1.96	26.4	7.7
45	7	1.92	25.0	7.3
40	4	1.82	21.5	6.3
35	2	1.72	18.1	5.3
30	-1	1.74	17.6	5.2
25	-4	1.76	17.2	5.0
20	-7	1.77	16.8	4.9
17	-8	1.78	16.6	4.9
15	-9	1.77	15.9	4.7
10	-12	1.74	14.3	4.2
5	-15	1.63	12.7	3.7
0	-18	1.52	11.2	3.3
-5	-21	1.41	9.6	2.8
-10	-23	1.30	8.1	2.4
-15	-26	1.18	6.5	1.9
-20	-29	1.07	5.0	1.5

**HEATING PERFORMANCE at 1005 cfm (475 L/s) Indoor Coil**

**Air Volume XP15-030 with [CH23-51 + G60UHV-36B-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.06	32.2	9.4
60	16	2.03	30.6	9.0
55	13	2.00	29.0	8.5
50	10	1.97	27.3	8.0
47	8	1.96	26.3	7.7
45	7	1.92	24.9	7.3
40	4	1.82	21.5	6.3
35	2	1.72	18.0	5.3
30	-1	1.74	17.6	5.2
25	-4	1.76	17.2	5.0
20	-7	1.77	16.7	4.9
17	-8	1.78	16.5	4.8
15	-9	1.77	15.8	4.6
10	-12	1.74	14.2	4.2
5	-15	1.63	12.6	3.7
0	-18	1.52	11.1	3.3
-5	-21	1.41	9.6	2.8
-10	-23	1.30	8.0	2.3
-15	-26	1.18	6.5	1.9
-20	-29	1.07	4.9	1.4

**RATINGS**

**2.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**HORIZONTAL INDOOR COILS WITH GAS FURNACES**

**COOLING CAPACITY - XP15-030 with**

**[CH23-51 + G61MPV-36B-045]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	840	395	28.0	8.2	1.83	.74	.88	.99	26.6	7.8	2.08	.76	.90	1.00	25.2	7.4	2.38	.77	.92	1.00	23.6	6.9	2.74	.80	.96	1.00
	1050	495	29.4	8.6	1.83	.79	.94	1.00	28.0	8.2	2.08	.81	.97	1.00	26.4	7.7	2.39	.83	.99	1.00	25.0	7.3	2.73	.86	1.00	1.00
	1185	560	30.2	8.9	1.83	.82	.98	1.00	28.6	8.4	2.09	.84	1.00	1.00	27.4	8.0	2.37	.87	1.00	1.00	25.8	7.6	2.73	.90	1.00	1.00
67°F (19°C)	840	395	29.8	8.7	1.83	.59	.72	.84	28.4	8.3	2.09	.60	.73	.86	26.8	7.9	2.39	.61	.75	.89	25.2	7.4	2.74	.62	.77	.92
	1050	495	31.2	9.1	1.83	.62	.76	.91	29.6	8.7	2.08	.63	.78	.94	28.0	8.2	2.38	.64	.81	.96	26.2	7.7	2.73	.66	.84	.99
	1185	560	32.0	9.4	1.83	.63	.80	.95	30.4	8.9	2.09	.65	.82	.98	28.6	8.4	2.38	.66	.84	1.00	26.8	7.9	2.72	.68	.88	1.00
71°F (22°C)	840	395	31.4	9.2	1.83	.45	.57	.69	30.0	8.8	2.09	.45	.58	.71	28.4	8.3	2.38	.45	.59	.72	26.6	7.8	2.73	.46	.61	.75
	1050	495	33.0	9.7	1.84	.46	.60	.74	31.4	9.2	2.09	.46	.61	.76	29.8	8.7	2.38	.47	.63	.78	27.8	8.1	2.73	.48	.65	.81
	1185	560	33.8	9.9	1.84	.47	.62	.77	32.2	9.4	2.09	.47	.64	.79	30.4	8.9	2.39	.48	.65	.82	28.4	8.3	2.73	.49	.67	.85

**COOLING CAPACITY - XP15-030 with**

**[CH23-51 + G61MPV-36B-070]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	825	390	28.0	8.2	1.84	.74	.87	.99	26.6	7.8	2.10	.75	.89	1.00	25.2	7.4	2.39	.77	.92	1.00	23.4	6.9	2.75	.79	.95	1.00
	1015	480	29.2	8.6	1.83	.78	.93	1.00	27.8	8.1	2.09	.80	.96	1.00	26.2	7.7	2.40	.82	.98	1.00	24.6	7.2	2.74	.85	1.00	1.00
	1190	560	30.2	8.9	1.84	.82	.98	1.00	28.8	8.4	2.10	.84	1.00	1.00	27.4	8.0	2.38	.87	1.00	1.00	25.8	7.6	2.74	.90	1.00	1.00
67°F (19°C)	825	390	29.6	8.7	1.84	.59	.71	.84	28.2	8.3	2.10	.59	.73	.86	26.8	7.9	2.39	.60	.75	.88	25.0	7.3	2.74	.62	.77	.92
	1015	480	31.0	9.1	1.83	.61	.76	.90	29.4	8.6	2.09	.62	.78	.92	27.8	8.1	2.39	.64	.80	.95	26.0	7.6	2.74	.65	.83	.99
	1190	560	32.0	9.4	1.84	.64	.80	.95	30.4	8.9	2.09	.65	.82	.98	28.6	8.4	2.39	.66	.84	1.00	26.8	7.9	2.73	.68	.88	1.00
71°F (22°C)	825	390	31.4	9.2	1.84	.44	.57	.69	29.8	8.7	2.10	.45	.58	.70	28.4	8.3	2.40	.45	.59	.72	26.6	7.8	2.74	.46	.60	.74
	1015	480	32.8	9.6	1.84	.46	.60	.73	31.2	9.1	2.10	.46	.61	.75	29.6	8.7	2.39	.47	.62	.77	27.6	8.1	2.73	.47	.64	.80
	1190	560	33.8	9.9	1.85	.47	.62	.77	32.2	9.4	2.10	.47	.64	.80	30.4	8.9	2.40	.48	.65	.82	28.4	8.3	2.74	.49	.67	.85

**HEATING CAPACITY - XP15-030 with**

**[CH23-51 + G61MPV-36B-045]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Volume		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb
840	395	32.0	9.4			2.17			24.6			7.2			2.03		
1050	495	32.6	9.6	2.04	25.2	7.4	1.90	17.4	5.1	1.74	12.9	3.8	1.62	6.6	1.9	1.17	
1185	560	33.0	9.7	1.97	25.6	7.5	1.84	17.8	5.2	1.68	13.2	3.9	1.56	7.0	2.1	1.11	

**HEATING CAPACITY - XP15-030 with**

**[CH23-51 + G61MPV-36B-070]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Volume		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb
825	390	31.8	9.3			2.19			24.5			7.2			2.04		
1015	480	32.4	9.5	2.05	25.1	7.4	1.91	17.3	5.1	1.75	12.8	3.8	1.63	6.5	1.9	1.18	
1190	560	32.9	9.6	1.97	25.6	7.5	1.83	17.8	5.2	1.67	13.3	3.9	1.55	7.0	2.1	1.10	

**HEATING PERFORMANCE AT 1050 cfm (495 L/s) Indoor Coil**

**[CH23-51 + G61MPV-36B-045]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.04	32.6	9.6
60	16	2.01	30.9	9.1
55	13	1.98	29.3	8.6
50	10	1.95	27.6	8.1
47	8	1.94	26.6	7.8
45	7	1.90	25.2	7.4
40	4	1.80	21.7	6.4
35	2	1.70	18.2	5.3
30	-1	1.72	17.8	5.2
25	-4	1.74	17.4	5.1
20	-7	1.76	17.0	5.0
17	-8	1.77	16.7	4.9
15	-9	1.76	16.1	4.7
10	-12	1.73	14.4	4.2
5	-15	1.62	12.9	3.8
0	-18	1.51	11.3	3.3
-5	-21	1.40	9.7	2.8
-10	-23	1.29	8.2	2.4
-15	-26	1.17	6.6	1.9
-20	-29	1.06	5.0	1.5

**HEATING PERFORMANCE AT 1015 cfm (480 L/s) Indoor Coil**

**[CH23-51 + G61MPV-36B-070]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.05	32.4	9.5
60	16	2.02	30.8	9.0
55	13	2.00	29.1	8.5
50	10	1.97	27.5	8.1
47	8	1.95	26.5	7.8
45	7	1.91	25.1	7.4
40	4	1.81	21.6	6.3
35	2	1.72	18.1	5.3
30	-1	1.74	17.7	5.2
25	-4	1.75	17.3	5.1
20	-7	1.77	16.9	5.0
17	-8	1.78	16.6	4.9
15	-9	1.77	16.0	4.7
10	-12	1.74	14.3	4.2
5	-15	1.63	12.8	3.8
0	-18	1.52	11.2	3.3
-5	-21	1.41	9.7	2.8
-10	-23	1.29	8.1	2.4
-15	-26	1.18	6.5	1.9
-20	-29	1.07	5.0	1.5

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**AIR HANDLERS**

**COOLING CAPACITY - XP15-036 with**

**[CBX27UH-036]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	34.0	10.0	2.33	.74	.88	.99	32.2	9.4	2.66	.75	.90	1.00	30.2	8.9	3.03	.77	.93	1.00	28.2	8.3	3.49	.80	.96	1.00
1200	565	35.2	10.3	2.34	.78	.93	1.00	33.4	9.8	2.67	.80	.96	1.00	31.4	9.2	3.04	.82	.98	1.00	29.4	8.6	3.49	.85	1.00	1.00	
67°F (19°C)	1000	470	36.0	10.6	2.34	.58	.71	.84	34.2	10.0	2.67	.59	.73	.86	32.2	9.4	3.04	.60	.75	.89	30.0	8.8	3.49	.62	.77	.93
1200	565	37.4	11.0	2.35	.61	.75	.90	35.4	10.4	2.68	.62	.77	.92	33.4	9.8	3.05	.63	.80	.95	31.2	9.1	3.48	.65	.83	.98	
71°F (22°C)	1000	470	38.0	11.1	2.36	.44	.57	.69	36.2	10.6	2.68	.45	.58	.70	34.0	10.0	3.05	.45	.59	.72	31.8	9.3	3.49	.46	.60	.75
1200	565	39.5	11.6	2.37	.45	.59	.73	37.4	11.0	2.68	.46	.61	.75	35.4	10.4	3.06	.46	.62	.77	33.0	9.7	3.49	.47	.64	.80	

**COOLING CAPACITY - XP15-036 with**

**[CBX27UH-042]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.0	10.3	2.34	.74	.88	1.00	33.2	9.7	2.66	.76	.90	1.00	31.2	9.1	3.04	.77	.93	1.00	29.0	8.5	3.49	.80	.96	1.00
1200	565	36.4	10.7	2.35	.78	.93	1.00	34.4	10.1	2.66	.80	.96	1.00	32.4	9.5	3.05	.82	.99	1.00	30.4	8.9	3.49	.85	1.00	1.00	
67°F (19°C)	1000	470	37.0	10.8	2.34	.59	.71	.84	35.2	10.3	2.67	.59	.73	.86	33.2	9.7	3.05	.61	.75	.89	31.0	9.1	3.48	.62	.77	.92
1200	565	38.5	11.3	2.36	.61	.76	.90	36.6	10.7	2.68	.62	.78	.93	34.4	10.1	3.05	.63	.80	.96	32.0	9.4	3.49	.65	.83	.99	
71°F (22°C)	1000	470	39.0	11.4	2.36	.45	.57	.69	37.2	10.9	2.69	.45	.58	.71	35.0	10.3	3.06	.45	.59	.72	32.8	9.6	3.49	.46	.60	.75
1200	565	40.5	11.9	2.37	.46	.60	.73	38.5	11.3	2.69	.46	.61	.75	36.4	10.7	3.07	.46	.62	.77	34.0	10.0	3.50	.47	.64	.80	

**HEATING CAPACITY - XP15-036 with**

**[CBX27UH-036]**

Indoor Coil Air Volume 70°F db (21°C db)			Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
			kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1000	470	37.1	10.9	2.54	29.1	8.5	2.33	20.4	6.0	2.11	15.6	4.6	1.87	7.6	2.2	1.40	
1200	565	37.8	11.1	2.42	29.8	8.7	2.21	21.1	6.2	1.99	16.3	4.8	1.75	8.2	2.4	1.28	

**HEATING CAPACITY - XP15-036 with**

**[CBX27UH-042]**

Indoor Coil Air Volume 70°F db (21°C db)			Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
			kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1000	470	37.3	10.9	2.49	29.2	8.6	2.29	20.6	6.0	2.08	15.7	4.6	1.85	7.7	2.3	1.39	
1200	565	37.8	11.1	2.36	29.8	8.7	2.16	21.1	6.2	1.96	16.2	4.7	1.73	8.2	2.4	1.26	

**HEATING PERFORMANCE at 1200 cfm (565 L/s) Indoor Coil Air Volume XP15-036 with**

**[CBX27UH-036]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.42	37.8	11.1
60	16	2.37	36.0	10.6
55	13	2.32	34.2	10.0
50	10	2.27	32.5	9.5
47	8	2.24	31.4	9.2
45	7	2.21	29.8	8.7
40	4	2.13	25.7	7.5
35	2	2.05	21.6	6.3
30	-1	2.02	21.3	6.2
25	-4	1.99	21.1	6.2
20	-7	1.96	20.9	6.1
17	-8	1.94	20.8	6.1
15	-9	1.92	20.0	5.9
10	-12	1.87	18.3	5.4
5	-15	1.75	16.3	4.8
0	-18	1.63	14.3	4.2
-5	-21	1.51	12.3	3.6
-10	-23	1.40	10.2	3.0
-15	-26	1.28	8.2	2.4
-20	-29	1.16	6.2	1.8

**HEATING PERFORMANCE at 1200 cfm (565 L/s) Indoor Coil Air Volume XP15-036 with**

**[CBX27UH-042]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.36	37.8	11.1
60	16	2.31	36.0	10.6
55	13	2.27	34.3	10.1
50	10	2.22	32.5	9.5
47	8	2.19	31.4	9.2
45	7	2.16	29.8	8.7
40	4	2.09	25.7	7.5
35	2	2.02	21.6	6.3
30	-1	1.99	21.3	6.2
25	-4	1.96	21.1	6.2
20	-7	1.93	20.9	6.1
17	-8	1.91	20.7	6.1
15	-9	1.89	20.0	5.9
10	-12	1.85	18.2	5.3
5	-15	1.73	16.2	4.7
0	-18	1.61	14.2	4.2
-5	-21	1.50	12.2	3.6
-10	-23	1.38	10.2	3.0
-15	-26	1.26	8.2	2.4
-20	-29	1.15	6.2	1.8

**RATINGS**

**3 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**AIR HANDLERS**

**COOLING CAPACITY - XP15-036 with**

**[CBX32M-042]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	34.0	10.0	2.33	.74	.88	.99	32.2	9.4	2.66	.75	.90	1.00	30.4	8.9	3.03	.77	.93	1.00	28.2	8.3	3.49	.80	.96	1.00
	1200	565	35.4	10.4	2.34	.78	.93	1.00	33.4	9.8	2.67	.80	.96	1.00	31.4	9.2	3.04	.82	.98	1.00	29.4	8.6	3.49	.85	1.00	1.00
	1400	660	36.2	10.6	2.34	.82	.98	1.00	34.4	10.1	2.67	.84	1.00	1.00	32.6	9.6	3.05	.87	1.00	1.00	30.6	9.0	3.48	.90	1.00	1.00
67°F (19°C)	1000	470	36.0	10.6	2.35	.58	.71	.84	34.2	10.0	2.67	.59	.73	.86	32.2	9.4	3.04	.60	.75	.89	30.0	8.8	3.49	.62	.77	.93
	1200	565	37.4	11.0	2.35	.61	.75	.90	35.4	10.4	2.67	.62	.77	.92	33.4	9.8	3.04	.63	.80	.95	31.2	9.1	3.48	.65	.83	.98
	1400	660	38.5	11.3	2.36	.63	.79	.95	36.6	10.7	2.68	.64	.82	.97	34.4	10.1	3.05	.66	.84	1.00	31.8	9.3	3.49	.68	.88	1.00
71°F (22°C)	1000	470	38.0	11.1	2.36	.44	.57	.69	36.2	10.6	2.68	.45	.58	.70	34.0	10.0	3.04	.45	.59	.72	31.8	9.3	3.49	.46	.60	.75
	1200	565	39.5	11.6	2.36	.45	.59	.73	37.4	11.0	2.68	.46	.61	.75	35.4	10.4	3.06	.46	.62	.77	33.0	9.7	3.49	.47	.64	.80
	1400	660	40.5	11.9	2.38	.46	.62	.77	38.5	11.3	2.69	.47	.63	.79	36.2	10.6	3.07	.48	.65	.82	33.8	9.9	3.50	.48	.67	.85

**COOLING CAPACITY - XP15-036 with**

**[CBX32MV-036] [CBX40UHV-036]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1090	515	34.6	10.1	2.29	.76	.90	1.00	32.8	9.6	2.61	.77	.93	1.00	30.8	9.0	2.99	.79	.96	1.00	28.8	8.4	3.42	.82	.98	1.00
	1225	580	35.4	10.4	2.29	.78	.94	1.00	33.6	9.8	2.62	.80	.97	1.00	31.6	9.3	2.98	.83	.99	1.00	29.6	8.7	3.42	.86	1.00	1.00
	1380	650	36.2	10.6	2.30	.81	.98	1.00	34.4	10.1	2.62	.84	.99	1.00	32.4	9.5	2.99	.86	1.00	1.00	30.6	9.0	3.42	.90	1.00	1.00
67°F (19°C)	1090	515	36.6	10.7	2.31	.60	.73	.87	34.8	10.2	2.62	.60	.75	.89	32.8	9.6	2.99	.62	.77	.92	30.6	9.0	3.42	.63	.80	.96
	1225	580	37.6	11.0	2.31	.61	.76	.90	35.6	10.4	2.63	.62	.78	.93	33.6	9.8	2.99	.64	.80	.96	31.2	9.1	3.42	.65	.83	.99
	1380	650	38.5	11.3	2.31	.63	.79	.95	36.4	10.7	2.63	.64	.81	.97	34.2	10.0	2.99	.66	.84	.99	31.8	9.3	3.42	.68	.87	1.00
71°F (22°C)	1090	515	38.5	11.3	2.32	.45	.58	.71	36.8	10.8	2.62	.45	.59	.72	34.6	10.1	2.99	.46	.60	.75	32.4	9.5	3.42	.46	.62	.77
	1225	580	39.5	11.6	2.32	.46	.60	.74	37.6	11.0	2.64	.46	.61	.76	35.6	10.4	3.01	.46	.62	.78	33.2	9.7	3.43	.47	.64	.81
	1380	650	40.5	11.9	2.33	.46	.62	.77	38.5	11.3	2.64	.47	.63	.79	36.2	10.6	3.00	.47	.65	.81	33.8	9.9	3.44	.48	.67	.85

**HEATING CAPACITY - XP15-036 with**

**[CBX32M-042]**

Indoor Coil Air Volume 70°F db (21°C db)	Total Heating Capacity		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input
1000	470	38.1	11.2	2.55	29.5	8.6	2.33	20.3	5.9	2.10	14.9	4.4	1.86	7.3	2.1	1.39	
1200	565	38.8	11.4	2.43	30.2	8.9	2.21	20.9	6.1	1.98	15.6	4.6	1.73	8.0	2.3	1.27	
1400	660	39.4	11.5	2.34	30.8	9.0	2.12	21.5	6.3	1.89	16.2	4.7	1.65	8.6	2.5	1.18	

**HEATING CAPACITY - XP15-036 with**

**[CBX32MV-036] [CBX40UHV-036]**

Indoor Coil Air Volume 70°F db (21°C db)	Total Heating Capacity		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input
1090	515	38.1	11.2	2.49	29.5	8.6	2.27	20.2	5.9	2.05	14.8	4.3	1.80	7.4	2.2	1.34	
1225	580	38.6	11.3	2.41	29.9	8.8	2.20	20.7	6.1	1.97	15.3	4.5	1.73	7.8	2.3	1.27	
1380	650	39.2	11.5	2.34	30.5	8.9	2.13	21.2	6.2	1.90	15.8	4.6	1.66	8.4	2.5	1.20	

**HEATING PERFORMANCE at 1200 cfm (565 L/s) Indoor Coil**

**[CBX32M-042]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C			kBtuh	kW
65	18	2.43		38.8	11.4
60	16	2.38		36.9	10.8
55	13	2.32		34.9	10.2
50	10	2.27		33.0	9.7
47	8	2.24		31.8	9.3
45	7	2.21		30.2	8.9
40	4	2.13		26.0	7.6
35	2	2.05		21.9	6.4
30	-1	2.02		21.4	6.3
25	-4	1.98		20.9	6.1
20	-7	1.94		20.5	6.0
17	-8	1.92		20.2	5.9
15	-9	1.90		19.4	5.7
10	-12	1.85		17.5	5.1
5	-15	1.73		15.6	4.6
0	-18	1.62		13.7	4.0
-5	-21	1.50		11.8	3.5
-10	-23	1.39		9.9	2.9
-15	-26	1.27		8.0	2.3
-20	-29	1.15		6.1	1.8

**HEATING PERFORMANCE at 1225 cfm (580 L/s) Indoor Coil**

**[CBX32MV-036] [CBX40UHV-036]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C			kBtuh	kW
65	18	2.41		38.6	11.3
60	16	2.36		36.7	10.8
55	13	2.31		34.7	10.2
50	10	2.26		32.8	9.6
47	8	2.23		31.6	9.3
45	7	2.20		29.9	8.8
40	4	2.12		25.8	7.6
35	2	2.04		21.7	6.4
30	-1	2.01		21.2	6.2
25	-4	1.97		20.7	6.1
20	-7	1.94		20.2	5.9
17	-8	1.92		19.9	5.8
15	-9	1.89		19.1	5.6
10	-12	1.84		17.1	5.0
5	-15	1.73		15.3	4.5
0	-18	1.61		13.4	3.9
-5	-21	1.50		11.6	3.4
-10	-23	1.38		9.7	2.8
-15	-26	1.27		7.8	2.3
-20	-29	1.15		6.0	1.8

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**AIR HANDLERS**

**COOLING CAPACITY - XP15-036 with**

[CBX32MV-048] [CBX40UHV-048]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
	Total Cooling Capacity		Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb				
				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C		
cfm	L/s	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW			
63°F (17°C)	1205	570	36.4	10.7	2.39	.78	.93	1.00	34.6	10.1	2.71	.80	.96	1.00	32.6	9.6	3.11	.82	.99	1.00	30.4	8.9	3.56	.85	1.00	1.00
1425	675	37.6	11.0	2.40	.83	.99	1.00	35.8	10.5	2.73	.85	1.00	1.00	33.8	9.9	3.11	.88	1.00	1.00	31.8	9.3	3.56	.91	1.00	1.00	
67°F (19°C)	1205	570	38.5	11.3	2.40	.61	.76	.90	36.6	10.7	2.73	.62	.78	.93	34.4	10.1	3.11	.64	.80	.96	32.2	9.4	3.56	.65	.83	.99
1425	675	39.5	11.6	2.41	.64	.80	.96	37.6	11.0	2.74	.65	.83	.98	35.6	10.4	3.13	.67	.85	1.00	33.0	9.7	3.56	.69	.89	1.00	
71°F (22°C)	1205	570	40.5	11.9	2.42	.46	.60	.73	38.5	11.3	2.74	.46	.61	.75	36.4	10.7	3.13	.47	.62	.77	34.0	10.0	3.57	.47	.64	.80
1425	675	42.0	12.3	2.44	.47	.63	.78	40.0	11.7	2.76	.47	.64	.80	37.6	11.0	3.14	.48	.66	.83	35.0	10.3	3.57	.49	.68	.86	

**HEATING CAPACITY - XP15-036 with**

[CBX32MV-048] [CBX40UHV-048]

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil																	
		65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)	
cfm		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input			
		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW				
1205	570	39.2	11.5	2.38	30.5	8.9	2.17	21.3	6.2	1.95	15.8	4.6	1.71	8.5	2.5	1.25			
1425	675	39.1	11.5	2.29	30.4	8.9	2.07	21.1	6.2	1.86	15.7	4.6	1.62	8.3	2.4	1.16			

**HEATING PERFORMANCE at 1205 cfm (570 L/s) Indoor Coil Air Volume XP15-036 with [CBX32MV-048] [CBX40UHV-048]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.38	38.5	11.3
60	16	2.33	36.5	10.7
55	13	2.28	34.5	10.1
50	10	2.23	32.6	9.6
47	8	2.20	31.4	9.2
45	7	2.17	29.8	8.7
40	4	2.09	25.7	7.5
35	2	2.02	21.6	6.3
30	-1	1.99	21.0	6.2
25	-4	1.95	20.5	6.0
20	-7	1.92	20.0	5.9
17	-8	1.90	19.6	5.7
15	-9	1.88	18.9	5.5
10	-12	1.83	16.9	5.0
5	-15	1.71	15.1	4.4
0	-18	1.60	13.2	3.9
-5	-21	1.48	11.4	3.3
-10	-23	1.37	9.6	2.8
-15	-26	1.25	7.7	2.3
-20	-29	1.14	5.9	1.7

**RATINGS**

**3 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COILS**

**COOLING CAPACITY - XP15-036 with**

**[CX34-38A/B-6F]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	34.8	10.2	2.35	.75	.88	1.00	33.0	9.7	2.67	.76	.90	1.00	31.2	9.1	3.05	.78	.93	1.00	29.0	8.5	3.50	.81	.96	1.00
	1200	565	36.2	10.6	2.36	.79	.94	1.00	34.4	10.1	2.68	.81	.96	1.00	32.4	9.5	3.06	.83	.99	1.00	30.2	8.9	3.49	.86	1.00	1.00
	1400	660	37.2	10.9	2.36	.83	.98	1.00	35.4	10.4	2.69	.85	1.00	1.00	33.6	9.8	3.06	.88	1.00	1.00	31.6	9.3	3.51	.91	1.00	1.00
67°F (19°C)	1000	470	36.8	10.8	2.36	.60	.72	.85	35.0	10.3	2.68	.61	.74	.87	33.2	9.7	3.07	.62	.76	.89	31.0	9.1	3.51	.63	.78	.93
	1200	565	38.5	11.3	2.37	.62	.76	.90	36.4	10.7	2.69	.63	.78	.93	34.4	10.1	3.06	.65	.80	.96	32.0	9.4	3.51	.67	.83	.99
	1400	660	39.5	11.6	2.37	.65	.80	.95	37.4	11.0	2.70	.66	.83	.98	35.2	10.3	3.07	.68	.85	1.00	32.8	9.6	3.52	.70	.89	1.00
71°F (22°C)	1000	470	39.0	11.4	2.37	.46	.58	.70	37.0	10.8	2.70	.46	.59	.71	35.0	10.3	3.08	.47	.60	.73	32.8	9.6	3.51	.48	.62	.76
	1200	565	40.5	11.9	2.39	.47	.61	.74	38.5	11.3	2.70	.48	.62	.76	36.4	10.7	3.08	.48	.63	.78	34.0	10.0	3.52	.49	.65	.81
	1400	660	41.5	12.2	2.39	.48	.64	.78	39.5	11.6	2.72	.49	.65	.80	37.4	11.0	3.09	.50	.67	.83	34.8	10.2	3.53	.51	.69	.86

**COOLING CAPACITY - XP15-036 with**

**[CX34-43B/C-6F]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.0	10.3	2.35	.75	.88	1.00	33.2	9.7	2.68	.76	.90	1.00	31.4	9.2	3.05	.78	.93	1.00	29.2	8.6	3.51	.81	.96	1.00
	1200	565	36.4	10.7	2.36	.79	.93	1.00	34.6	10.1	2.68	.80	.96	1.00	32.6	9.6	3.06	.83	.99	1.00	30.6	9.0	3.50	.86	1.00	1.00
	1400	660	37.6	11.0	2.36	.83	.98	1.00	35.6	10.4	2.69	.85	1.00	1.00	33.8	9.9	3.06	.87	1.00	1.00	32.0	9.4	3.52	.91	1.00	1.00
67°F (19°C)	1000	470	37.0	10.8	2.36	.60	.72	.84	35.4	10.4	2.68	.61	.74	.86	33.4	9.8	3.07	.62	.76	.89	31.2	9.1	3.50	.63	.78	.93
	1200	565	38.5	11.3	2.37	.62	.76	.90	36.6	10.7	2.69	.63	.78	.92	34.6	10.1	3.07	.65	.80	.95	32.2	9.4	3.52	.67	.83	.99
	1400	660	39.5	11.6	2.38	.65	.80	.95	37.6	11.0	2.70	.66	.82	.98	35.6	10.4	3.08	.68	.85	1.00	33.0	9.7	3.51	.70	.88	1.00
71°F (22°C)	1000	470	39.0	11.4	2.37	.47	.58	.70	37.4	11.0	2.70	.47	.59	.71	35.2	10.3	3.07	.47	.61	.73	33.0	9.7	3.51	.48	.62	.76
	1200	565	40.5	11.9	2.38	.48	.61	.74	38.5	11.3	2.71	.48	.62	.76	36.6	10.7	3.08	.49	.64	.78	34.2	10.0	3.52	.50	.65	.81
	1400	660	42.0	12.3	2.40	.49	.64	.78	40.0	11.7	2.72	.49	.65	.80	37.6	11.0	3.10	.50	.67	.83	35.0	10.3	3.52	.51	.69	.86

**HEATING CAPACITY - XP15-036 with**

**[CX34-38A/B-6F]**

Indoor Coil Air Volume 70°F db (21°C db)	Total Air Volume		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb
1000	470	37.8	11.1			2.70			29.3			8.6			2.47		
	1200	565	38.5	11.3	2.55	30.0	8.8	2.32	20.9	6.1	2.08	15.6	4.6	1.82	8.0	2.3	1.34
	1400	660	39.1	11.5	2.46	30.6	9.0	2.22	21.5	6.3	1.99	16.2	4.7	1.73	8.5	2.5	1.24

**HEATING CAPACITY - XP15-036 with**

**[CX34-43B/C-6F]**

Indoor Coil Air Volume 70°F db (21°C db)	Total Air Volume		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb
1000	470	37.7	11.0			2.70			29.3			8.6			2.47		
	1200	565	38.4	11.3	2.56	29.9	8.8	2.33	20.9	6.1	2.10	15.6	4.6	1.84	8.0	2.3	1.35
	1400	660	38.9	11.4	2.47	30.5	8.9	2.24	21.4	6.3	2.00	16.2	4.7	1.75	8.5	2.5	1.25

**HEATING PERFORMANCE at 1200 cfm (565 L/s) Indoor Coil  
Air Volume XP15-036 with [CX34-38A/B-6F]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.55	38.5	11.3
60	16	2.50	36.6	10.7
55	13	2.44	34.7	10.2
50	10	2.39	32.8	9.6
47	8	2.35	31.6	9.3
45	7	2.32	30.0	8.8
40	4	2.24	25.9	7.6
35	2	2.15	21.8	6.4
30	-1	2.12	21.4	6.3
25	-4	2.08	20.9	6.1
20	-7	2.04	20.5	6.0
17	-8	2.02	20.2	5.9
15	-9	2.00	19.4	5.7
10	-12	1.95	17.5	5.1
5	-15	1.82	15.6	4.6
0	-18	1.70	13.7	4.0
-5	-21	1.58	11.8	3.5
-10	-23	1.46	9.9	2.9
-15	-26	1.34	8.0	2.3
-20	-29	1.21	6.1	1.8

**HEATING PERFORMANCE at 1200 cfm (565 L/s) Indoor Coil  
Air Volume XP15-036 with [CX34-43B/C-6F]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.56	38.4	11.3
60	16	2.51	36.5	10.7
55	13	2.45	34.6	10.1
50	10	2.40	32.7	9.6
47	8	2.37	31.6	9.3
45	7	2.33	29.9	8.8
40	4	2.25	25.8	7.6
35	2	2.17	21.8	6.4
30	-1	2.13	21.3	6.2
25	-4	2.10	20.9	6.1
20	-7	2.06	20.4	6.0
17	-8	2.04	20.2	5.9
15	-9	2.02	19.4	5.7
10	-12	1.96	17.5	5.1
5	-15	1.84	15.6	4.6
0	-18	1.72	13.7	4.0
-5	-21	1.59	11.8	3.5
-10	-23	1.47	9.9	2.9
-15	-26	1.35	8.0	2.3
-20	-29	1.22	6.1	1.8



NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COILS**

**COOLING CAPACITY - XP15-036 with**

**[CX34-49C-6F]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
	Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb				
				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C		
cfm	L/s	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW			
63°F (17°C)	1000	470	35.2	10.3	2.34	.75	.88	1.00	33.4	9.8	2.67	.77	.90	1.00	31.6	9.3	3.05	.79	.93	1.00	29.6	8.7	3.50	.81	.97	1.00
	1200	565	36.8	10.8	2.36	.79	.93	1.00	34.8	10.2	2.69	.81	.96	1.00	33.0	9.7	3.06	.84	.99	1.00	31.0	9.1	3.50	.86	1.00	1.00
	1400	660	38.0	11.1	2.37	.83	.99	1.00	36.2	10.6	2.69	.85	1.00	1.00	34.4	10.1	3.07	.88	1.00	1.00	32.4	9.5	3.51	.91	1.00	1.00
67°F (19°C)	1000	470	37.0	10.8	2.36	.61	.73	.85	35.4	10.4	2.68	.61	.74	.87	33.4	9.8	3.06	.63	.76	.89	31.2	9.1	3.51	.64	.79	.93
	1200	565	38.5	11.3	2.37	.63	.77	.90	36.8	10.8	2.70	.64	.79	.93	34.8	10.2	3.08	.65	.81	.96	32.4	9.5	3.50	.67	.84	.99
	1400	660	40.0	11.7	2.39	.65	.81	.96	38.0	11.1	2.70	.67	.83	.98	35.8	10.5	3.07	.68	.86	1.00	33.4	9.8	3.52	.70	.89	1.00
71°F (22°C)	1000	470	39.0	11.4	2.38	.47	.59	.71	37.2	10.9	2.69	.47	.60	.72	35.2	10.3	3.07	.48	.61	.74	33.0	9.7	3.51	.48	.63	.76
	1200	565	40.5	11.9	2.38	.48	.61	.75	38.5	11.3	2.71	.48	.63	.76	36.6	10.7	3.08	.49	.64	.79	34.2	10.0	3.52	.50	.66	.82
	1400	660	42.0	12.3	2.40	.49	.64	.79	40.0	11.7	2.72	.50	.66	.81	37.6	11.0	3.10	.51	.67	.83	35.2	10.3	3.53	.51	.69	.87

**HEATING CAPACITY - XP15-036 with**

**[CX34-49C-6F]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	
cfm	L/s	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW
1000	470	37.8	11.1	2.68	29.3	8.6	2.47	20.2	5.9	2.24	14.9	4.4	1.99	7.2	2.1	1.50
1200	565	38.6	11.3	2.53	30.0	8.8	2.31	20.9	6.1	2.08	15.6	4.6	1.83	8.0	2.3	1.34
1400	660	39.1	11.5	2.43	30.6	9.0	2.22	21.5	6.3	1.99	16.2	4.7	1.74	8.5	2.5	1.25

**HEATING PERFORMANCE at 1200 cfm (565 L/s) Indoor Coil**

**Air Volume XP15-036 with**

**[CX34-49C-6F]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.53	38.6	11.3
60	16	2.47	36.6	10.7
55	13	2.42	34.7	10.2
50	10	2.37	32.8	9.6
47	8	2.34	31.7	9.3
45	7	2.31	30.0	8.8
40	4	2.23	25.9	7.6
35	2	2.15	21.8	6.4
30	-1	2.11	21.4	6.3
25	-4	2.08	20.9	6.1
20	-7	2.05	20.5	6.0
17	-8	2.03	20.2	5.9
15	-9	2.01	19.4	5.7
10	-12	1.96	17.5	5.1
5	-15	1.83	15.6	4.6
0	-18	1.71	13.7	4.0
-5	-21	1.59	11.8	3.5
-10	-23	1.46	9.9	2.9
-15	-26	1.34	8.0	2.3
-20	-29	1.22	6.1	1.8

**RATINGS**

**3 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**  
[C33-44C + G61MPV-36C-090]

**COOLING CAPACITY - XP15-036 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1020	480	34.4	10.1	2.36	.74	.87	.99	32.6	9.6	2.68	.75	.89	1.00	30.8	9.0	3.07	.77	.92	1.00	28.8	8.4	3.51	.80	.95	1.00
	1185	560	35.6	10.4	2.36	.77	.91	1.00	33.8	9.9	2.69	.79	.94	1.00	31.8	9.3	3.07	.81	.97	1.00	29.6	8.7	3.52	.84	1.00	1.00
	1395	660	36.6	10.7	2.37	.81	.97	1.00	34.8	10.2	2.70	.83	.99	1.00	32.8	9.6	3.07	.86	1.00	1.00	31.0	9.1	3.52	.89	1.00	1.00
67°F (19°C)	1020	480	36.6	10.7	2.37	.59	.71	.84	34.8	10.2	2.69	.60	.73	.86	32.8	9.6	3.07	.61	.75	.88	30.6	9.0	3.51	.62	.77	.92
	1185	560	37.6	11.0	2.37	.61	.75	.88	35.8	10.5	2.70	.62	.76	.90	33.8	9.9	3.07	.63	.78	.93	31.6	9.3	3.52	.65	.81	.97
	1395	660	39.0	11.4	2.38	.64	.79	.94	37.0	10.8	2.70	.65	.81	.96	34.8	10.2	3.08	.66	.83	.99	32.4	9.5	3.53	.68	.86	1.00
71°F (22°C)	1020	480	38.5	11.3	2.37	.45	.57	.69	36.8	10.8	2.70	.46	.58	.70	34.8	10.2	3.09	.46	.59	.72	32.6	9.6	3.51	.47	.61	.74
	1185	560	40.0	11.7	2.39	.46	.59	.72	38.0	11.1	2.71	.47	.60	.74	35.8	10.5	3.08	.47	.62	.76	33.4	9.8	3.53	.48	.64	.79
	1395	660	41.0	12.0	2.40	.48	.62	.76	39.0	11.4	2.72	.48	.63	.78	37.0	10.8	3.10	.49	.65	.81	34.4	10.1	3.53	.50	.67	.84

**COOLING CAPACITY - XP15-036 with**

[CX34-31A-6F + G60UHV-36A-070]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1085	510	35.0	10.3	2.34	.75	.89	1.00	33.2	9.7	2.67	.77	.92	1.00	31.4	9.2	3.05	.79	.94	1.00	29.2	8.6	3.50	.82	.98	1.00
	1230	580	36.0	10.6	2.35	.78	.93	1.00	34.2	10.0	2.67	.80	.96	1.00	32.2	9.4	3.06	.83	.99	1.00	30.0	8.8	3.50	.86	1.00	1.00
	1375	650	36.8	10.8	2.36	.81	.97	1.00	35.0	10.3	2.67	.83	.99	1.00	33.0	9.7	3.06	.86	1.00	1.00	31.0	9.1	3.49	.89	1.00	1.00
67°F (19°C)	1085	510	37.2	10.9	2.35	.60	.73	.86	35.4	10.4	2.68	.61	.75	.88	33.4	9.8	3.05	.62	.77	.91	31.2	9.1	3.49	.64	.79	.94
	1230	580	38.0	11.1	2.37	.62	.76	.90	36.2	10.6	2.68	.63	.78	.92	34.2	10.0	3.06	.64	.80	.96	32.0	9.4	3.50	.66	.83	.99
	1375	650	39.0	11.4	2.37	.64	.79	.94	37.0	10.8	2.69	.65	.81	.96	35.0	10.3	3.07	.67	.84	.99	32.6	9.6	3.50	.69	.87	1.00
71°F (22°C)	1085	510	39.0	11.4	2.37	.46	.58	.71	37.4	11.0	2.70	.46	.59	.72	35.4	10.4	3.06	.47	.61	.74	33.0	9.7	3.50	.48	.62	.77
	1230	580	40.0	11.7	2.38	.47	.61	.74	38.5	11.3	2.70	.47	.62	.75	36.2	10.6	3.07	.48	.63	.78	33.8	9.9	3.52	.49	.65	.81
	1375	650	41.0	12.0	2.39	.48	.62	.77	39.0	11.4	2.70	.48	.64	.79	37.0	10.8	3.09	.49	.65	.81	34.6	10.1	3.52	.50	.67	.84

**HEATING CAPACITY - XP15-036 with**

[C33-44C + G61MPV-36C-090]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1020	480	37.2	10.9	2.72	28.8	8.4	2.47	19.9	5.8	2.22	14.6	4.3	1.95	7.2	2.1	1.46				
1185	560	37.8	11.1	2.60	29.4	8.6	2.36	20.4	6.0	2.10	15.2	4.5	1.84	7.8	2.3	1.35				
1395	660	38.5	11.3	2.50	30.1	8.8	2.25	21.2	6.2	2.00	15.9	4.7	1.73	8.5	2.5	1.24				

**HEATING CAPACITY - XP15-036 with**

[CX34-31A-6F + G60UHV-36A-070]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1085	510	37.6	11.0	2.66	29.2	8.6	2.43	20.2	5.9	2.20	15.0	4.4	1.94	7.4	2.2	1.44				
1230	580	38.1	11.2	2.57	29.7	8.7	2.34	20.8	6.1	2.11	15.5	4.5	1.85	7.9	2.3	1.35				
1375	650	38.7	11.3	2.50	30.3	8.9	2.27	21.3	6.2	2.04	16.1	4.7	1.78	8.5	2.5	1.28				

**HEATING PERFORMANCE at 1185 cfm (560 L/s) Indoor Coil Air Volume XP15-036 with** [C33-44C + G61MPV-36C-090]

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.60	37.8	11.1
60	16	2.54	35.9	10.5
55	13	2.49	34.0	10.0
50	10	2.43	32.1	9.4
47	8	2.39	31.0	9.1
45	7	2.36	29.4	8.6
40	4	2.27	25.4	7.4
35	2	2.18	21.4	6.3
30	-1	2.14	20.9	6.1
25	-4	2.10	20.4	6.0
20	-7	2.06	20.0	5.9
17	-8	2.04	19.7	5.8
15	-9	2.02	18.9	5.5
10	-12	1.96	17.0	5.0
5	-15	1.84	15.2	4.5
0	-18	1.71	13.3	3.9
-5	-21	1.59	11.5	3.4
-10	-23	1.47	9.6	2.8
-15	-26	1.35	7.8	2.3
-20	-29	1.23	5.9	1.7

**HEATING PERFORMANCE at 1230 cfm (580 L/s) Indoor Coil Air Volume XP15-036 with** [CX34-31A-6F + G60UHV-36A-070]

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.57	38.1	11.2
60	16	2.51	36.3	10.6
55	13	2.46	34.4	10.1
50	10	2.40	32.5	9.5
47	8	2.37	31.4	9.2
45	7	2.34	29.7	8.7
40	4	2.26	25.7	7.5
35	2	2.18	21.6	6.3
30	-1	2.14	21.2	6.2
25	-4	2.11	20.8	6.1
20	-7	2.07	20.3	5.9
17	-8	2.05	20.1	5.9
15	-9	2.03	19.3	5.7
10	-12	1.97	17.4	5.1
5	-15	1.85	15.5	4.5
0	-18	1.73	13.6	4.0
-5	-21	1.60	11.7	3.4
-10	-23	1.48	9.8	2.9
-15	-26	1.35	7.9	2.3
-20	-29	1.23	6.0	1.8

**RATINGS**

**3 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**  
**[CX34-31B-6F + G60UHV-36B-090]**

**COOLING CAPACITY - XP15-036 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1035	490	34.6	10.1	2.35	.74	.88	1.00	33.0	9.7	2.66	.76	.90	1.00	31.0	9.1	3.05	.78	.93	1.00	28.8	8.4	3.50	.80	.96	1.00
	1225	580	36.0	10.6	2.35	.78	.93	1.00	34.0	10.0	2.67	.80	.96	1.00	32.2	9.4	3.06	.82	.98	1.00	30.0	8.8	3.50	.85	1.00	1.00
	1385	655	36.8	10.8	2.36	.81	.97	1.00	35.0	10.3	2.68	.83	.99	1.00	33.0	9.7	3.06	.86	1.00	1.00	31.0	9.1	3.49	.89	1.00	1.00
67°F (19°C)	1035	490	36.8	10.8	2.35	.59	.72	.84	35.0	10.3	2.67	.60	.73	.86	33.0	9.7	3.06	.61	.75	.89	30.8	9.0	3.50	.63	.78	.93
	1225	580	38.0	11.1	2.37	.62	.76	.89	36.2	10.6	2.68	.63	.77	.92	34.2	10.0	3.06	.64	.80	.95	31.8	9.3	3.50	.66	.83	.99
	1385	655	39.0	11.4	2.37	.63	.79	.94	37.0	10.8	2.69	.65	.81	.96	35.0	10.3	3.07	.66	.83	.99	32.6	9.6	3.50	.68	.87	1.00
71°F (22°C)	1035	490	39.0	11.4	2.37	.46	.58	.69	37.0	10.8	2.69	.46	.59	.71	35.0	10.3	3.06	.46	.60	.73	32.8	9.6	3.50	.47	.61	.75
	1225	580	40.0	11.7	2.38	.47	.60	.73	38.0	11.1	2.70	.47	.61	.75	36.2	10.6	3.07	.48	.63	.78	33.8	9.9	3.52	.49	.65	.80
	1385	655	41.0	12.0	2.39	.48	.62	.77	39.0	11.4	2.70	.48	.63	.79	37.0	10.8	3.09	.49	.65	.81	34.6	10.1	3.52	.50	.67	.84

**COOLING CAPACITY - XP15-036 with**

**[CX34-31B-6F + G61MPV-36B-045]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	35.2	10.3	2.34	.76	.90	1.00	33.4	9.8	2.68	.78	.92	1.00	31.6	9.3	3.05	.80	.95	1.00	29.4	8.6	3.50	.82	.99	1.00
	1235	585	36.0	10.6	2.35	.79	.94	1.00	34.2	10.0	2.67	.80	.96	1.00	32.2	9.4	3.06	.83	.99	1.00	30.2	8.9	3.50	.86	1.00	1.00
	1420	670	37.0	10.8	2.35	.82	.98	1.00	35.2	10.3	2.68	.85	1.00	1.00	33.4	9.8	3.06	.87	1.00	1.00	31.4	9.2	3.51	.91	1.00	1.00
67°F (19°C)	1100	520	37.4	11.0	2.35	.60	.73	.86	35.4	10.4	2.68	.61	.75	.89	33.6	9.8	3.05	.62	.77	.92	31.2	9.1	3.49	.64	.80	.95
	1235	585	38.0	11.1	2.37	.62	.76	.90	36.4	10.7	2.68	.63	.78	.93	34.4	10.1	3.06	.65	.80	.96	32.0	9.4	3.50	.66	.83	.99
	1420	670	39.5	11.6	2.37	.64	.80	.95	37.4	11.0	2.69	.66	.82	.98	35.2	10.3	3.07	.67	.85	1.00	32.8	9.6	3.51	.70	.88	1.00
71°F (22°C)	1100	520	39.5	11.6	2.37	.46	.59	.71	37.4	11.0	2.70	.47	.60	.73	35.4	10.4	3.08	.47	.61	.75	33.2	9.7	3.50	.48	.63	.77
	1235	585	40.5	11.9	2.38	.47	.61	.74	38.5	11.3	2.70	.48	.62	.76	36.2	10.6	3.07	.48	.63	.78	33.8	9.9	3.52	.49	.65	.81
	1420	670	41.5	12.2	2.39	.49	.63	.78	39.5	11.6	2.71	.49	.65	.80	37.2	10.9	3.09	.50	.66	.82	34.8	10.2	3.52	.51	.68	.86

**HEATING CAPACITY - XP15-036 with**

**[CX34-31B-6F + G60UHV-36B-090]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	cfm	L/s	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input		
1035	490	37.3	10.9	2.69	28.9	8.5	2.46	20.0	5.9	2.22	14.7	4.3	1.97	7.2	2.1	1.47
1225	580	38.0	11.1	2.57	29.6	8.7	2.34	20.6	6.0	2.10	15.4	4.5	1.85	7.8	2.3	1.35
1385	655	38.5	11.3	2.49	30.1	8.8	2.26	21.1	6.2	2.03	15.9	4.7	1.77	8.4	2.5	1.28

**HEATING CAPACITY - XP15-036 with**

**[CX34-31B-6F + G61MPV-36B-045]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	cfm	L/s	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input		
1100	520	37.8	11.1	2.65	29.4	8.6	2.42	20.4	6.0	2.19	15.1	4.4	1.93	7.5	2.2	1.43
1235	585	38.3	11.2	2.57	29.9	8.8	2.34	20.9	6.1	2.11	15.7	4.6	1.85	8.0	2.3	1.35
1420	670	39.0	11.4	2.48	30.6	9.0	2.25	21.6	6.3	2.02	16.4	4.8	1.76	8.7	2.5	1.27

**HEATING PERFORMANCE at 1225 cfm (580 L/s) Indoor Coil Air Volume XP15-036 with [CX34-31B-6F + G60UHV-36B-090]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kW	kW	kBtuh	kW
65	18	2.57	2.51	38.0	11.1
60	16	2.51	2.51	36.1	10.6
55	13	2.46	2.46	34.2	10.0
50	10	2.40	2.40	32.3	9.5
47	8	2.37	2.37	31.2	9.1
45	7	2.34	2.34	29.6	8.7
40	4	2.26	2.26	25.5	7.5
35	2	2.18	2.18	21.5	6.3
30	-1	2.14	2.14	21.0	6.2
25	-4	2.10	2.10	20.6	6.0
20	-7	2.07	2.07	20.2	5.9
17	-8	2.05	2.05	19.9	5.8
15	-9	2.03	2.03	19.1	5.6
10	-12	1.97	1.97	17.3	5.1
5	-15	1.85	1.85	15.4	4.5
0	-18	1.72	1.72	13.5	4.0
-5	-21	1.60	1.60	11.6	3.4
-10	-23	1.48	1.48	9.7	2.8
-15	-26	1.35	1.35	7.8	2.3
-20	-29	1.23	1.23	6.0	1.8

**HEATING PERFORMANCE at 1235 cfm (585 L/s) Indoor Coil Air Volume XP15-036 with [CX34-31B-6F + G61MPV-36B-045]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kW	kW	kBtuh	kW
65	18	2.57	2.51	38.3	11.2
60	16	2.51	2.51	36.4	10.7
55	13	2.46	2.46	34.5	10.1
50	10	2.40	2.40	32.6	9.6
47	8	2.37	2.37	31.5	9.2
45	7	2.34	2.34	29.9	8.8
40	4	2.26	2.26	25.8	7.6
35	2	2.18	2.18	21.7	6.4
30	-1	2.14	2.14	21.3	6.2
25	-4	2.11	2.11	20.9	6.1
20	-7	2.07	2.07	20.5	6.0
17	-8	2.05	2.05	20.2	5.9
15	-9	2.03	2.03	19.5	5.7
10	-12	1.97	1.97	17.6	5.2
5	-15	1.85	1.85	15.7	4.6
0	-18	1.73	1.73	13.7	4.0
-5	-21	1.60	1.60	11.8	3.5
-10	-23	1.48	1.48	9.9	2.9
-15	-26	1.35	1.35	8.0	2.3
-20	-29	1.23	1.23	6.1	1.8

**RATINGS**

**3 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**  
**[CX34-31B-6F + G61MPV-36B-070]**

**COOLING CAPACITY - XP15-036 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
cfm	L/s	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	
63°F (17°C)	1015	480	34.6	10.1	2.34	.74	.87	.99	32.8	9.6	2.66	.76	.90	1.00	31.0	9.1	3.04	.78	.92	1.00	28.8	8.4	3.49	.80	.96	1.00
	1190	560	35.8	10.5	2.35	.78	.92	1.00	34.0	10.0	2.66	.79	.95	1.00	32.0	9.4	3.05	.82	.98	1.00	29.8	8.7	3.49	.85	1.00	1.00
	1395	660	37.0	10.8	2.35	.82	.98	1.00	35.0	10.3	2.68	.84	1.00	1.00	33.2	9.7	3.04	.87	1.00	1.00	31.2	9.1	3.49	.90	1.00	1.00
67°F (19°C)	1015	480	36.6	10.7	2.34	.59	.72	.84	34.8	10.2	2.66	.60	.73	.86	33.0	9.7	3.04	.61	.75	.89	30.8	9.0	3.48	.63	.77	.92
	1190	560	38.0	11.1	2.36	.61	.75	.89	36.0	10.6	2.67	.62	.77	.91	34.0	10.0	3.05	.64	.79	.94	31.8	9.3	3.49	.66	.82	.98
	1395	660	39.0	11.4	2.36	.64	.80	.94	37.2	10.9	2.68	.65	.82	.97	35.0	10.3	3.06	.67	.84	1.00	32.6	9.6	3.49	.69	.87	1.00
71°F (22°C)	1015	480	38.5	11.3	2.36	.46	.58	.69	36.8	10.8	2.68	.46	.58	.71	34.8	10.2	3.06	.46	.60	.73	32.6	9.6	3.49	.47	.61	.75
	1190	560	40.0	11.7	2.37	.47	.60	.73	38.0	11.1	2.70	.47	.61	.75	36.0	10.6	3.06	.48	.62	.77	33.6	9.8	3.50	.49	.64	.80
	1395	660	41.0	12.0	2.38	.48	.63	.77	39.0	11.4	2.70	.49	.64	.79	37.0	10.8	3.08	.50	.66	.82	34.6	10.1	3.51	.51	.68	.85

**COOLING CAPACITY - XP15-036 with**

**[CX34-38A-6F + G60UHV-36A-070]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
cfm	L/s	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	
63°F (17°C)	1085	510	35.2	10.3	2.36	.76	.90	1.00	33.6	9.8	2.69	.78	.92	1.00	31.6	9.3	3.07	.80	.95	1.00	29.4	8.6	3.52	.83	.99	1.00
	1230	580	36.2	10.6	2.37	.79	.94	1.00	34.4	10.1	2.70	.81	.97	1.00	32.4	9.5	3.08	.83	.99	1.00	30.4	8.9	3.52	.86	1.00	1.00
	1375	650	37.2	10.9	2.37	.82	.98	1.00	35.2	10.3	2.70	.84	1.00	1.00	33.4	9.8	3.08	.87	1.00	1.00	31.4	9.2	3.53	.90	1.00	1.00
67°F (19°C)	1085	510	37.4	11.0	2.37	.60	.74	.87	35.6	10.4	2.70	.61	.75	.89	33.6	9.8	3.07	.63	.77	.92	31.4	9.2	3.52	.64	.80	.95
	1230	580	38.5	11.3	2.38	.62	.77	.91	36.6	10.7	2.70	.63	.79	.93	34.4	10.1	3.08	.65	.81	.96	32.2	9.4	3.52	.67	.84	1.00
	1375	650	39.5	11.6	2.38	.64	.80	.95	37.2	10.9	2.71	.66	.82	.97	35.2	10.3	3.09	.67	.85	1.00	32.8	9.6	3.53	.69	.88	1.00
71°F (22°C)	1085	510	39.5	11.6	2.39	.46	.59	.71	37.6	11.0	2.72	.46	.60	.73	35.6	10.4	3.09	.47	.61	.75	33.2	9.7	3.52	.48	.63	.77
	1230	580	40.5	11.9	2.40	.47	.61	.74	38.5	11.3	2.72	.48	.62	.76	36.4	10.7	3.10	.48	.64	.78	34.0	10.0	3.54	.49	.65	.81
	1375	650	41.5	12.2	2.40	.48	.63	.78	39.5	11.6	2.73	.49	.65	.80	37.2	10.9	3.11	.49	.66	.82	34.8	10.2	3.54	.50	.68	.85

**HEATING CAPACITY - XP15-036 with**

**[CX34-31B-6F + G61MPV-36B-070]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1015	480	37.4	11.0	2.71	29.0	8.5	2.48	20.1	5.9	2.24	14.8	4.3	1.98	7.2	2.1	1.48				
1190	560	38.0	11.1	2.59	29.7	8.7	2.36	20.7	6.1	2.12	15.5	4.5	1.86	7.9	2.3	1.36				
1395	660	38.9	11.4	2.50	30.5	8.9	2.26	21.6	6.3	2.02	16.4	4.8	1.76	8.7	2.5	1.27				

**HEATING CAPACITY - XP15-036 with**

**[CX34-38A-6F + G60UHV-36A-070]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1085	510	37.9	11.1	2.62	29.3	8.6	2.40	20.2	5.9	2.16	14.9	4.4	1.91	7.3	2.1	1.43				
1230	580	38.4	11.3	2.52	29.9	8.8	2.30	20.8	6.1	2.07	15.5	4.5	1.81	7.9	2.3	1.33				
1375	650	39.0	11.4	2.46	30.5	8.9	2.23	21.3	6.2	2.00	16.0	4.7	1.75	8.5	2.5	1.26				

**HEATING PERFORMANCE at 1190 cfm (560 L/s) Indoor Coil Air Volume XP15-036 with [CX34-31B-6F + G61MPV-36B-070]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.59	38.0	11.1
60	16	2.54	36.2	10.6
55	13	2.48	34.3	10.1
50	10	2.43	32.4	9.5
47	8	2.40	31.3	9.2
45	7	2.36	29.7	8.7
40	4	2.28	25.6	7.5
35	2	2.19	21.6	6.3
30	-1	2.16	21.1	6.2
25	-4	2.12	20.7	6.1
20	-7	2.09	20.3	5.9
17	-8	2.06	20.0	5.9
15	-9	2.04	19.3	5.7
10	-12	1.99	17.4	5.1
5	-15	1.86	15.5	4.5
0	-18	1.74	13.6	4.0
-5	-21	1.61	11.7	3.4
-10	-23	1.49	9.8	2.9
-15	-26	1.36	7.9	2.3
-20	-29	1.24	6.0	1.8

**HEATING PERFORMANCE at 1230 cfm (580 L/s) Indoor Coil Air Volume XP15-036 with [CX34-38A-6F + G60UHV-36A-070]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.52	38.4	11.3
60	16	2.47	36.5	10.7
55	13	2.42	34.6	10.1
50	10	2.36	32.7	9.6
47	8	2.33	31.5	9.2
45	7	2.30	29.9	8.8
40	4	2.22	25.8	7.6
35	2	2.14	21.7	6.4
30	-1	2.10	21.2	6.2
25	-4	2.07	20.8	6.1
20	-7	2.03	20.3	5.9
17	-8	2.01	20.0	5.9
15	-9	1.99	19.3	5.7
10	-12	1.93	17.4	5.1
5	-15	1.81	15.5	4.5
0	-18	1.69	13.6	4.0
-5	-21	1.57	11.7	3.4
-10	-23	1.45	9.8	2.9
-15	-26	1.33	7.9	2.3
-20	-29	1.21	6.0	1.8

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**  
**[CX34-38B-6F + G60UHV-36B-090]**

**COOLING CAPACITY - XP15-036 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1035	490	35.0	10.3	2.37	.75	.88	1.00	33.2	9.7	2.70	.77	.91	1.00	31.2	9.1	3.08	.78	.94	1.00	29.2	8.6	3.54	.81	.97	1.00
	1225	580	36.2	10.6	2.38	.79	.94	1.00	34.4	10.1	2.71	.81	.96	1.00	32.4	9.5	3.09	.83	.99	1.00	30.4	8.9	3.54	.86	1.00	1.00
	1385	655	37.2	10.9	2.38	.82	.98	1.00	35.2	10.3	2.72	.84	1.00	1.00	33.4	9.8	3.09	.87	1.00	1.00	31.4	9.2	3.54	.90	1.00	1.00
67°F (19°C)	1035	490	37.0	10.8	2.38	.60	.73	.85	35.2	10.3	2.71	.60	.74	.87	33.2	9.7	3.10	.62	.76	.90	31.0	9.1	3.53	.63	.78	.94
	1225	580	38.5	11.3	2.39	.62	.76	.91	36.4	10.7	2.71	.63	.78	.93	34.4	10.1	3.09	.65	.81	.96	32.0	9.4	3.54	.66	.84	.99
	1385	655	39.5	11.6	2.40	.64	.80	.95	37.2	10.9	2.72	.65	.82	.97	35.2	10.3	3.10	.67	.84	1.00	32.8	9.6	3.54	.69	.88	1.00
71°F (22°C)	1035	490	39.0	11.4	2.40	.46	.58	.70	37.2	10.9	2.72	.46	.59	.72	35.2	10.3	3.10	.46	.60	.73	32.8	9.6	3.54	.47	.62	.76
	1225	580	40.5	11.9	2.41	.47	.61	.74	38.5	11.3	2.73	.47	.62	.76	36.4	10.7	3.12	.48	.63	.78	34.0	10.0	3.56	.49	.65	.81
	1385	655	41.5	12.2	2.42	.48	.63	.78	39.5	11.6	2.74	.48	.64	.80	37.2	10.9	3.12	.49	.66	.82	34.8	10.2	3.56	.50	.68	.85

**COOLING CAPACITY - XP15-036 with**

**[CX34-38B-6F + G61MPV-36B-045]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	35.4	10.4	2.36	.77	.91	1.00	33.6	9.8	2.68	.78	.93	1.00	31.8	9.3	3.06	.80	.96	1.00	29.6	8.7	3.51	.83	.99	1.00
	1235	585	36.2	10.6	2.36	.79	.94	1.00	34.6	10.1	2.69	.81	.97	1.00	32.6	9.6	3.07	.84	1.00	1.00	30.6	9.0	3.51	.87	1.00	1.00
	1420	670	37.4	11.0	2.37	.83	.99	1.00	35.6	10.4	2.70	.86	1.00	1.00	33.8	9.9	3.06	.88	1.00	1.00	31.8	9.3	3.52	.92	1.00	1.00
67°F (19°C)	1100	520	37.6	11.0	2.37	.61	.74	.87	35.8	10.5	2.69	.62	.76	.90	33.8	9.9	3.07	.63	.78	.92	31.4	9.2	3.51	.65	.80	.96
	1235	585	38.5	11.3	2.37	.63	.77	.91	36.6	10.7	2.69	.64	.79	.94	34.6	10.1	3.07	.65	.81	.97	32.2	9.4	3.51	.67	.84	1.00
	1420	670	39.5	11.6	2.38	.65	.81	.96	37.6	11.0	2.70	.67	.83	.99	35.4	10.4	3.08	.68	.86	1.00	33.0	9.7	3.52	.70	.89	1.00
71°F (22°C)	1100	520	39.5	11.6	2.38	.46	.59	.72	37.8	11.1	2.70	.47	.60	.73	35.8	10.5	3.08	.47	.61	.75	33.4	9.8	3.51	.48	.63	.78
	1235	585	40.5	11.9	2.39	.47	.61	.75	38.5	11.3	2.71	.48	.62	.77	36.6	10.7	3.09	.48	.64	.79	34.2	10.0	3.53	.49	.66	.82
	1420	670	42.0	12.3	2.40	.49	.64	.79	39.5	11.6	2.72	.49	.65	.81	37.6	11.0	3.10	.50	.67	.84	35.0	10.3	3.54	.51	.69	.87

**HEATING CAPACITY - XP15-036 with**

**[CX34-38B-6F + G60UHV-36B-090]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	cfm	L/s	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input		
1035	490	37.6	11.0	2.65	29.0	8.5	2.42	19.9	5.8	2.19	14.6	4.3	1.94	7.1	2.1	1.45
1225	580	38.3	11.2	2.52	29.7	8.7	2.30	20.6	6.0	2.06	15.3	4.5	1.81	7.8	2.3	1.33
1385	655	38.7	11.3	2.45	30.2	8.9	2.22	21.1	6.2	1.99	15.8	4.6	1.74	8.3	2.4	1.25

**HEATING CAPACITY - XP15-036 with**

**[CX34-38B-6F + G61MPV-36B-045]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	cfm	L/s	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input		
1100	520	38.0	11.1	2.61	29.5	8.6	2.38	20.4	6.0	2.15	15.0	4.4	1.90	7.4	2.2	1.41
1235	585	38.6	11.3	2.52	30.0	8.8	2.30	20.9	6.1	2.07	15.6	4.6	1.81	8.0	2.3	1.33
1420	670	39.3	11.5	2.44	30.8	9.0	2.22	21.6	6.3	1.99	16.3	4.8	1.74	8.7	2.5	1.25

**HEATING PERFORMANCE at 1225 cfm (580 L/s) Indoor Coil Air Volume XP15-036 with [CX34-38B-6F + G60UHV-36B-090]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kW	kBtuh	kW	kBtuh
65	18	2.52	38.3	11.2	15.6
60	16	2.47	36.3	10.6	14.4
55	13	2.41	34.4	10.1	13.7
50	10	2.36	32.5	9.5	13.0
47	8	2.33	31.4	9.2	12.6
45	7	2.30	29.7	8.7	11.9
40	4	2.22	25.7	7.5	10.3
35	2	2.14	21.6	6.3	8.6
30	-1	2.10	21.1	6.2	8.4
25	-4	2.06	20.6	6.0	8.2
20	-7	2.03	20.1	5.9	8.0
17	-8	2.01	19.9	5.8	7.9
15	-9	1.99	19.1	5.6	7.6
10	-12	1.93	17.2	5.0	6.8
5	-15	1.81	15.3	4.5	6.1
0	-18	1.69	13.4	3.9	5.3
-5	-21	1.57	11.6	3.4	4.6
-10	-23	1.45	9.7	2.8	3.8
-15	-26	1.33	7.8	2.3	3.1
-20	-29	1.20	6.0	1.8	2.5

**HEATING PERFORMANCE at 1235 cfm (585 L/s) Indoor Coil Air Volume XP15-036 with [CX34-38B-6F + G61MPV-36B-045]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kW	kBtuh	kW	kBtuh
65	18	2.52	38.6	11.3	15.7
60	16	2.47	36.6	10.7	14.6
55	13	2.41	34.7	10.2	14.0
50	10	2.36	32.8	9.6	13.2
47	8	2.33	31.7	9.3	12.8
45	7	2.30	30.0	8.8	12.1
40	4	2.22	25.9	7.6	10.4
35	2	2.14	21.8	6.4	8.7
30	-1	2.10	21.4	6.3	8.5
25	-4	2.07	20.9	6.1	8.3
20	-7	2.03	20.4	6.0	8.1
17	-8	2.01	20.2	5.9	8.0
15	-9	1.99	19.4	5.7	7.7
10	-12	1.93	17.5	5.1	6.9
5	-15	1.81	15.6	4.6	6.2
0	-18	1.69	13.7	4.0	5.4
-5	-21	1.57	11.8	3.5	4.7
-10	-23	1.45	9.9	2.9	3.9
-15	-26	1.33	8.0	2.3	3.2
-20	-29	1.21	6.1	1.8	2.5

**RATINGS**

**3 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**  
**[CX34-38B-6F + G61MPV-36B-070]**

**COOLING CAPACITY - XP15-036 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1015	480	34.8	10.2	2.34	.75	.88	1.00	33.0	9.7	2.67	.76	.90	1.00	31.2	9.1	3.05	.78	.93	1.00	29.0	8.5	3.49	.81	.96	1.00
	1190	560	36.0	10.6	2.35	.78	.93	1.00	34.2	10.0	2.68	.80	.96	1.00	32.2	9.4	3.05	.82	.99	1.00	30.2	8.9	3.50	.85	1.00	1.00
	1395	660	37.2	10.9	2.36	.83	.98	1.00	35.4	10.4	2.68	.85	1.00	1.00	33.6	9.8	3.05	.88	1.00	1.00	31.6	9.3	3.50	.91	1.00	1.00
67°F (19°C)	1015	480	37.0	10.8	2.35	.60	.72	.85	35.2	10.3	2.67	.60	.74	.87	33.2	9.7	3.06	.62	.76	.89	31.0	9.1	3.50	.63	.78	.93
	1190	560	38.0	11.1	2.36	.62	.76	.90	36.4	10.7	2.69	.63	.78	.92	34.2	10.0	3.05	.64	.80	.95	32.0	9.4	3.50	.66	.83	.99
	1395	660	39.5	11.6	2.37	.65	.80	.95	37.4	11.0	2.69	.66	.83	.98	35.2	10.3	3.06	.68	.85	1.00	32.8	9.6	3.51	.70	.89	1.00
71°F (22°C)	1015	480	39.0	11.4	2.36	.46	.58	.70	37.0	10.8	2.69	.46	.59	.71	35.2	10.3	3.06	.47	.60	.73	32.8	9.6	3.50	.47	.62	.75
	1190	560	40.5	11.9	2.38	.47	.60	.74	38.5	11.3	2.69	.47	.62	.75	36.2	10.6	3.07	.48	.63	.78	33.8	9.9	3.51	.49	.65	.80
	1395	660	41.5	12.2	2.39	.49	.64	.78	39.5	11.6	2.71	.49	.65	.80	37.4	11.0	3.08	.50	.67	.83	34.8	10.2	3.52	.51	.69	.86

**COOLING CAPACITY - XP15-036 with**

**[CX34-43B-6F + G60UHV-36B-090]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1035	490	35.0	10.3	2.34	.75	.88	1.00	33.2	9.7	2.67	.76	.90	1.00	31.4	9.2	3.05	.78	.93	1.00	29.4	8.6	3.50	.81	.97	1.00
	1225	580	36.4	10.7	2.35	.79	.93	1.00	34.6	10.1	2.67	.80	.96	1.00	32.6	9.6	3.06	.83	.99	1.00	30.6	9.0	3.48	.86	1.00	1.00
	1385	655	37.4	11.0	2.35	.82	.97	1.00	35.4	10.4	2.67	.84	1.00	1.00	33.6	9.8	3.05	.86	1.00	1.00	31.6	9.3	3.50	.90	1.00	1.00
67°F (19°C)	1035	490	37.2	10.9	2.35	.60	.72	.85	35.4	10.4	2.68	.61	.74	.87	33.4	9.8	3.05	.62	.76	.90	31.2	9.1	3.49	.63	.78	.93
	1225	580	38.5	11.3	2.37	.62	.76	.90	36.6	10.7	2.68	.63	.78	.93	34.6	10.1	3.06	.65	.80	.96	32.2	9.4	3.50	.66	.83	.99
	1385	655	39.5	11.6	2.37	.64	.79	.94	37.4	11.0	2.69	.65	.82	.97	35.2	10.3	3.07	.67	.84	1.00	32.8	9.6	3.51	.69	.87	1.00
71°F (22°C)	1035	490	39.0	11.4	2.37	.46	.58	.70	37.4	11.0	2.70	.46	.59	.71	35.4	10.4	3.07	.47	.60	.73	33.2	9.7	3.50	.47	.62	.76
	1225	580	40.5	11.9	2.38	.47	.61	.74	38.5	11.3	2.70	.48	.62	.76	36.6	10.7	3.08	.48	.63	.78	34.2	10.0	3.51	.49	.65	.81
	1385	655	41.5	12.2	2.39	.48	.63	.77	39.5	11.6	2.71	.49	.64	.79	37.4	11.0	3.08	.49	.66	.82	35.0	10.3	3.52	.50	.68	.85

**HEATING CAPACITY - XP15-036 with**

**[CX34-38B-6F + G61MPV-36B-070]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1015	480	37.6	11.0	2.67	29.1	8.5	2.44	20.0	5.9	2.20	14.7	4.3	1.94	7.1	2.1	1.45				
1190	560	38.3	11.2	2.55	29.8	8.7	2.32	20.8	6.1	2.08	15.5	4.5	1.82	7.9	2.3	1.34				
1395	660	39.1	11.5	2.46	30.6	9.0	2.23	21.5	6.3	1.99	16.2	4.7	1.73	8.7	2.5	1.24				

**HEATING CAPACITY - XP15-036 with**

**[CX34-43B-6F + G60UHV-36B-090]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1035	490	37.4	11.0	2.66	28.9	8.5	2.43	19.9	5.8	2.20	14.6	4.3	1.95	7.2	2.1	1.46				
1225	580	38.1	11.2	2.54	29.6	8.7	2.31	20.5	6.0	2.08	15.2	4.5	1.82	7.8	2.3	1.34				
1385	655	38.6	11.3	2.47	30.1	8.8	2.24	21.0	6.2	2.01	15.7	4.6	1.76	8.3	2.4	1.27				

**HEATING PERFORMANCE at 1190 cfm (560 L/s) Indoor Coil Air Volume XP15-036 with [CX34-38B-6F + G61MPV-36B-070]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.55	38.3	11.2
60	16	2.50	36.4	10.7
55	13	2.44	34.5	10.1
50	10	2.39	32.6	9.6
47	8	2.35	31.5	9.2
45	7	2.32	29.8	8.7
40	4	2.24	25.8	7.6
35	2	2.15	21.7	6.4
30	-1	2.12	21.2	6.2
25	-4	2.08	20.8	6.1
20	-7	2.04	20.3	5.9
17	-8	2.02	20.0	5.9
15	-9	2.00	19.3	5.7
10	-12	1.95	17.3	5.1
5	-15	1.82	15.5	4.5
0	-18	1.70	13.6	4.0
-5	-21	1.58	11.7	3.4
-10	-23	1.46	9.8	2.9
-15	-26	1.34	7.9	2.3
-20	-29	1.21	6.0	1.8

**HEATING PERFORMANCE at 1225 cfm (580 L/s) Indoor Coil Air Volume XP15-036 with [CX34-43B-6F + G60UHV-36B-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.54	38.1	11.2
60	16	2.48	36.2	10.6
55	13	2.43	34.3	10.1
50	10	2.37	32.3	9.5
47	8	2.34	31.2	9.1
45	7	2.31	29.6	8.7
40	4	2.23	25.5	7.5
35	2	2.15	21.5	6.3
30	-1	2.11	21.0	6.2
25	-4	2.08	20.5	6.0
20	-7	2.04	20.0	5.9
17	-8	2.02	19.7	5.8
15	-9	2.00	19.0	5.6
10	-12	1.95	17.1	5.0
5	-15	1.82	15.2	4.5
0	-18	1.70	13.4	3.9
-5	-21	1.58	11.5	3.4
-10	-23	1.46	9.6	2.8
-15	-26	1.34	7.8	2.3
-20	-29	1.21	5.9	1.7

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**

[CX34-43B-6F + G61MPV-36B-045]

**COOLING CAPACITY - XP15-036 with**

Entering Wet Bulb Temperature	Total Air Volume cfm   L/s		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	35.6	10.4	2.37	.76	.90	1.00	33.8	9.9	2.70	.78	.93	1.00	32.0	9.4	3.08	.80	.95	1.00	29.8	8.7	3.52	.83	.99	1.00
	1235	585	36.6	10.7	2.37	.79	.94	1.00	34.8	10.2	2.69	.81	.96	1.00	32.8	9.6	3.08	.83	.99	1.00	30.8	9.0	3.51	.86	1.00	1.00
	1420	670	37.6	11.0	2.37	.83	.99	1.00	35.8	10.5	2.70	.85	1.00	1.00	34.0	10.0	3.08	.88	1.00	1.00	32.0	9.4	3.53	.92	1.00	1.00
67°F (19°C)	1100	520	37.8	11.1	2.38	.61	.74	.87	36.0	10.6	2.70	.62	.76	.89	34.0	10.0	3.08	.63	.78	.92	31.6	9.3	3.53	.65	.80	.95
	1235	585	38.5	11.3	2.39	.62	.77	.91	36.8	10.8	2.70	.64	.79	.93	34.6	10.1	3.08	.65	.81	.96	32.4	9.5	3.53	.67	.84	.99
	1420	670	39.5	11.6	2.39	.65	.81	.96	37.8	11.1	2.71	.67	.83	.98	35.6	10.4	3.09	.68	.86	1.00	33.2	9.7	3.53	.70	.89	1.00
71°F (22°C)	1100	520	40.0	11.7	2.39	.47	.59	.72	38.0	11.1	2.72	.47	.60	.73	36.0	10.6	3.10	.48	.62	.75	33.6	9.8	3.53	.48	.63	.78
	1235	585	41.0	12.0	2.40	.48	.61	.74	39.0	11.4	2.72	.48	.62	.76	36.8	10.8	3.10	.49	.64	.79	34.4	10.1	3.55	.50	.66	.81
	1420	670	42.0	12.3	2.41	.49	.64	.78	40.0	11.7	2.73	.50	.65	.81	37.8	11.1	3.11	.50	.67	.83	35.2	10.3	3.55	.51	.69	.87

**COOLING CAPACITY - XP15-036 with**

[CX34-43B-6F + G61MPV-36B-070]

Entering Wet Bulb Temperature	Total Air Volume cfm   L/s		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1015	480	35.0	10.3	2.38	.75	.88	1.00	33.2	9.7	2.71	.76	.90	1.00	31.4	9.2	3.09	.78	.93	1.00	29.2	8.6	3.55	.81	.96	1.00
	1190	560	36.2	10.6	2.39	.78	.93	1.00	34.4	10.1	2.71	.80	.95	1.00	32.4	9.5	3.10	.82	.98	1.00	30.4	8.9	3.55	.85	1.00	1.00
	1395	660	37.4	11.0	2.39	.82	.98	1.00	35.6	10.4	2.72	.84	1.00	1.00	33.8	9.9	3.10	.87	1.00	1.00	31.8	9.3	3.56	.90	1.00	1.00
67°F (19°C)	1015	480	37.0	10.8	2.39	.60	.72	.84	35.4	10.4	2.72	.61	.74	.86	33.4	9.8	3.10	.62	.76	.89	31.2	9.1	3.55	.63	.78	.93
	1190	560	38.5	11.3	2.40	.62	.76	.89	36.4	10.7	2.72	.63	.78	.92	34.4	10.1	3.11	.64	.80	.95	32.2	9.4	3.56	.66	.83	.98
	1395	660	39.5	11.6	2.41	.65	.80	.95	37.6	11.0	2.73	.66	.82	.97	35.4	10.4	3.12	.67	.85	1.00	33.0	9.7	3.55	.69	.88	1.00
71°F (22°C)	1015	480	39.0	11.4	2.41	.46	.58	.70	37.2	10.9	2.74	.47	.59	.71	35.2	10.3	3.12	.47	.60	.73	33.0	9.7	3.55	.48	.62	.75
	1190	560	40.5	11.9	2.41	.47	.60	.73	38.5	11.3	2.74	.48	.62	.75	36.4	10.7	3.12	.48	.63	.77	34.0	10.0	3.57	.49	.65	.80
	1395	660	41.5	12.2	2.43	.49	.63	.78	39.5	11.6	2.75	.49	.65	.80	37.4	11.0	3.13	.50	.66	.82	35.0	10.3	3.57	.51	.68	.86

**HEATING CAPACITY - XP15-036 with**

[CX34-43B-6F + G61MPV-36B-045]

Indoor Coil Air Volume 70°F db (21°C db)	cfm   L/s		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb
1100	520	37.9	11.1			2.62			29.4			8.6			2.39		
1235	585	38.4	11.3	2.53	29.9	8.8	2.31	20.8	6.1	2.08	15.5	4.5	1.83	7.9	2.3	1.34	
1420	670	39.2	11.5	2.46	30.7	9.0	2.24	21.6	6.3	2.01	16.3	4.8	1.76	8.7	2.5	1.27	

**HEATING CAPACITY - XP15-036 with**

[CX34-43B-6F + G61MPV-36B-070]

Indoor Coil Air Volume 70°F db (21°C db)	cfm   L/s		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb
1015	480	37.5	11.0			2.68			29.0			8.5			2.45		
1190	560	38.1	11.2	2.56	29.7	8.7	2.33	20.6	6.0	2.09	15.4	4.5	1.84	7.9	2.3	1.35	
1395	660	38.8	11.4	2.47	30.3	8.9	2.24	21.3	6.2	2.00	16.0	4.7	1.74	8.5	2.5	1.25	

**HEATING PERFORMANCE at 1235 cfm (585 L/s) Indoor Coil Air Volume XP15-036 with [CX34-43B-6F + G61MPV-36B-045]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.53	38.4	11.3
60	16	2.48	36.5	10.7
55	13	2.43	34.6	10.1
50	10	2.37	32.7	9.6
47	8	2.34	31.5	9.2
45	7	2.31	29.9	8.8
40	4	2.23	25.8	7.6
35	2	2.15	21.7	6.4
30	-1	2.12	21.3	6.2
25	-4	2.08	20.8	6.1
20	-7	2.05	20.4	6.0
17	-8	2.03	20.1	5.9
15	-9	2.00	19.3	5.7
10	-12	1.95	17.4	5.1
5	-15	1.83	15.5	4.5
0	-18	1.71	13.6	4.0
-5	-21	1.58	11.7	3.4
-10	-23	1.46	9.8	2.9
-15	-26	1.34	7.9	2.3
-20	-29	1.22	6.0	1.8

**HEATING PERFORMANCE at 1190 cfm (560 L/s) Indoor Coil Air Volume XP15-036 with [CX34-43B-6F + G61MPV-36B-070]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.56	38.1	11.2
60	16	2.51	36.2	10.6
55	13	2.45	34.3	10.1
50	10	2.40	32.4	9.5
47	8	2.37	31.3	9.2
45	7	2.33	29.7	8.7
40	4	2.25	25.6	7.5
35	2	2.17	21.6	6.3
30	-1	2.13	21.1	6.2
25	-4	2.09	20.6	6.0
20	-7	2.06	20.2	5.9
17	-8	2.04	19.9	5.8
15	-9	2.01	19.1	5.6
10	-12	1.96	17.2	5.0
5	-15	1.84	15.4	4.5
0	-18	1.71	13.5	4.0
-5	-21	1.59	11.6	3.4
-10	-23	1.47	9.7	2.8
-15	-26	1.35	7.9	2.3
-20	-29	1.22	6.0	1.8

**RATINGS**

**3 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**  
**[CX34-43C-6F + G61MPV-36C-090]**

**COOLING CAPACITY - XP15-036 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1020	480	35.0	10.3	2.35	.74	.88	1.00	33.2	9.7	2.68	.76	.90	1.00	31.4	9.2	3.06	.78	.93	1.00	29.2	8.6	3.51	.80	.96	1.00
	1185	560	36.2	10.6	2.36	.78	.92	1.00	34.4	10.1	2.68	.79	.95	1.00	32.4	9.5	3.07	.82	.98	1.00	30.2	8.9	3.51	.85	1.00	1.00
	1395	660	37.4	11.0	2.36	.82	.98	1.00	35.6	10.4	2.69	.84	1.00	1.00	33.6	9.8	3.07	.87	1.00	1.00	31.8	9.3	3.52	.90	1.00	1.00
67°F (19°C)	1020	480	37.0	10.8	2.36	.59	.72	.84	35.2	10.3	2.69	.60	.74	.86	33.4	9.8	3.06	.61	.75	.89	31.2	9.1	3.51	.63	.78	.93
	1185	560	38.5	11.3	2.37	.61	.75	.89	36.4	10.7	2.69	.63	.77	.91	34.4	10.1	3.07	.64	.79	.94	32.0	9.4	3.52	.66	.82	.98
	1395	660	39.5	11.6	2.38	.64	.80	.95	37.6	11.0	2.70	.66	.82	.97	35.4	10.4	3.09	.67	.84	1.00	33.0	9.7	3.52	.69	.88	1.00
71°F (22°C)	1020	480	39.0	11.4	2.38	.46	.58	.70	37.2	10.9	2.71	.46	.59	.71	35.2	10.3	3.08	.47	.60	.73	33.0	9.7	3.51	.47	.61	.75
	1185	560	40.5	11.9	2.39	.47	.60	.73	38.5	11.3	2.71	.47	.61	.75	36.4	10.7	3.09	.48	.63	.77	34.0	10.0	3.53	.49	.64	.80
	1395	660	41.5	12.2	2.40	.48	.63	.77	39.5	11.6	2.72	.49	.64	.79	37.4	11.0	3.10	.50	.66	.82	35.0	10.3	3.53	.50	.68	.85

**COOLING CAPACITY - XP15-036 with**

**[CX34-44/48B-6F + G60UHV-36B-090]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1035	490	34.6	10.1	2.34	.74	.87	.99	32.8	9.6	2.67	.75	.89	1.00	31.0	9.1	3.05	.77	.92	1.00	28.8	8.4	3.50	.80	.95	1.00
	1225	580	35.8	10.5	2.35	.78	.92	1.00	34.0	10.0	2.68	.79	.94	1.00	32.2	9.4	3.06	.81	.97	1.00	30.0	8.8	3.50	.84	1.00	1.00
	1385	655	36.8	10.8	2.36	.80	.96	1.00	35.0	10.3	2.68	.83	.98	1.00	33.0	9.7	3.06	.85	1.00	1.00	31.0	9.1	3.49	.88	1.00	1.00
67°F (19°C)	1035	490	36.6	10.7	2.35	.59	.72	.84	34.8	10.2	2.67	.60	.73	.86	33.0	9.7	3.06	.61	.75	.88	30.8	9.0	3.51	.62	.77	.92
	1225	580	38.0	11.1	2.37	.62	.75	.89	36.2	10.6	2.68	.62	.77	.91	34.2	10.0	3.06	.64	.79	.94	31.8	9.3	3.51	.66	.82	.98
	1385	655	39.0	11.4	2.37	.63	.78	.93	37.0	10.8	2.69	.65	.80	.95	34.8	10.2	3.07	.66	.83	.98	32.6	9.6	3.50	.68	.86	1.00
71°F (22°C)	1035	490	38.5	11.3	2.37	.46	.58	.69	36.8	10.8	2.69	.46	.58	.71	34.8	10.2	3.07	.47	.59	.72	32.6	9.6	3.51	.47	.61	.75
	1225	580	40.0	11.7	2.38	.47	.60	.73	38.0	11.1	2.70	.47	.61	.75	36.2	10.6	3.07	.48	.62	.77	33.8	9.9	3.52	.49	.64	.79
	1385	655	41.0	12.0	2.39	.48	.62	.76	39.0	11.4	2.71	.48	.63	.78	37.0	10.8	3.08	.49	.65	.80	34.6	10.1	3.51	.50	.67	.83

**HEATING CAPACITY - XP15-036 with**

**[CX34-43C-6F + G61MPV-36C-090]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1020	480	37.3	10.9	2.67	28.9	8.5	2.44	19.8	5.8	2.20	14.6	4.3	1.95	7.2	2.1	1.46				
1185	560	37.9	11.1	2.56	29.4	8.6	2.33	20.4	6.0	2.09	15.1	4.4	1.84	7.7	2.3	1.34				
1395	660	38.6	11.3	2.47	30.2	8.9	2.24	21.1	6.2	2.00	15.9	4.7	1.75	8.5	2.5	1.26				

**HEATING CAPACITY - XP15-036 with**

**[CX34-44/48B-6F + G60UHV-36B-090]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1035	490	38.2	11.2	2.75	29.4	8.6	2.52	19.9	5.8	2.28	14.7	4.3	2.02	7.2	2.1	1.51				
1225	580	38.8	11.4	2.62	30.0	8.8	2.39	20.6	6.0	2.15	15.3	4.5	1.89	7.8	2.3	1.38				
1385	655	39.3	11.5	2.55	30.5	8.9	2.31	21.1	6.2	2.07	15.8	4.6	1.81	8.3	2.4	1.31				

**HEATING PERFORMANCE at 1185 cfm (560 L/s) Indoor Coil Air Volume XP15-036 with [CX34-43C-6F + G61MPV-36C-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.56	37.9	11.1
60	16	2.50	36.0	10.6
55	13	2.45	34.1	10.0
50	10	2.39	32.2	9.4
47	8	2.36	31.0	9.1
45	7	2.33	29.4	8.6
40	4	2.25	25.4	7.4
35	2	2.17	21.3	6.2
30	-1	2.13	20.9	6.1
25	-4	2.09	20.4	6.0
20	-7	2.06	19.9	5.8
17	-8	2.03	19.6	5.7
15	-9	2.01	18.9	5.5
10	-12	1.96	17.0	5.0
5	-15	1.84	15.1	4.4
0	-18	1.71	13.3	3.9
-5	-21	1.59	11.4	3.3
-10	-23	1.47	9.6	2.8
-15	-26	1.34	7.7	2.3
-20	-29	1.22	5.9	1.7

**HEATING PERFORMANCE at 1225 cfm (580 L/s) Indoor Coil Air Volume XP15-036 with [CX34-44/48B-6F + G60UHV-36B-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.62	38.8	11.4
60	16	2.57	36.9	10.8
55	13	2.51	34.9	10.2
50	10	2.46	32.9	9.6
47	8	2.42	31.7	9.3
45	7	2.39	30.0	8.8
40	4	2.30	25.7	7.5
35	2	2.21	21.4	6.3
30	-1	2.18	21.0	6.2
25	-4	2.15	20.6	6.0
20	-7	2.11	20.2	5.9
17	-8	2.09	19.9	5.8
15	-9	2.07	19.1	5.6
10	-12	2.01	17.2	5.0
5	-15	1.89	15.3	4.5
0	-18	1.76	13.4	3.9
-5	-21	1.63	11.6	3.4
-10	-23	1.51	9.7	2.8
-15	-26	1.38	7.8	2.3
-20	-29	1.26	6.0	1.8



NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**  
[CX34-44/48B-6F + G61MPV-36B-045]

**COOLING CAPACITY - XP15-036 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1055	500	34.8	10.2	2.35	.75	.88	1.00	33.0	9.7	2.67	.76	.90	1.00	31.2	9.1	3.05	.78	.93	1.00	29.0	8.5	3.50	.81	.96	1.00
	1235	585	36.0	10.6	2.35	.78	.93	1.00	34.2	10.0	2.68	.80	.95	1.00	32.2	9.4	3.06	.82	.98	1.00	30.2	8.9	3.50	.85	1.00	1.00
	1420	670	37.0	10.8	2.35	.82	.97	1.00	35.2	10.3	2.68	.84	.99	1.00	33.2	9.7	3.05	.86	1.00	1.00	31.2	9.1	3.50	.90	1.00	1.00
67°F (19°C)	1055	500	36.8	10.8	2.36	.60	.72	.84	35.0	10.3	2.68	.61	.74	.87	33.2	9.7	3.06	.62	.76	.89	31.0	9.1	3.51	.63	.78	.93
	1235	585	38.0	11.1	2.37	.62	.76	.89	36.2	10.6	2.68	.63	.77	.92	34.2	10.0	3.06	.64	.80	.95	32.0	9.4	3.51	.66	.83	.98
	1420	670	39.0	11.4	2.37	.64	.79	.94	37.2	10.9	2.70	.66	.81	.97	35.2	10.3	3.07	.67	.84	.99	32.8	9.6	3.51	.69	.87	1.00
71°F (22°C)	1055	500	39.0	11.4	2.37	.46	.58	.70	37.0	10.8	2.69	.47	.59	.71	35.0	10.3	3.08	.47	.60	.73	32.8	9.6	3.50	.48	.62	.75
	1235	585	40.5	11.9	2.38	.48	.61	.73	38.5	11.3	2.70	.48	.62	.75	36.2	10.6	3.08	.48	.63	.77	34.0	10.0	3.52	.49	.65	.80
	1420	670	41.5	12.2	2.39	.49	.63	.77	39.5	11.6	2.71	.49	.64	.79	37.2	10.9	3.09	.50	.66	.82	34.8	10.2	3.52	.51	.68	.85

**COOLING CAPACITY - XP15-036 with**

[CX34-44/48B-6F + G61MPV-36B-070]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1015	480	34.4	10.1	2.34	.74	.87	.99	32.8	9.6	2.66	.75	.89	1.00	30.8	9.0	3.06	.77	.92	1.00	28.8	8.4	3.50	.80	.95	1.00
	1190	560	35.6	10.4	2.35	.77	.91	1.00	33.8	9.9	2.68	.79	.94	1.00	32.0	9.4	3.06	.81	.97	1.00	29.8	8.7	3.50	.84	1.00	1.00
	1395	660	37.0	10.8	2.35	.81	.96	1.00	35.0	10.3	2.68	.83	.99	1.00	33.0	9.7	3.05	.86	1.00	1.00	31.2	9.1	3.50	.89	1.00	1.00
67°F (19°C)	1015	480	36.6	10.7	2.35	.59	.71	.83	34.8	10.2	2.67	.60	.73	.85	32.8	9.6	3.06	.61	.74	.88	30.8	9.0	3.50	.62	.77	.91
	1190	560	37.8	11.1	2.36	.61	.75	.88	36.0	10.6	2.68	.62	.76	.90	34.0	10.0	3.06	.63	.79	.93	31.8	9.3	3.51	.65	.81	.97
	1395	660	39.0	11.4	2.37	.64	.79	.93	37.2	10.9	2.70	.65	.81	.96	35.0	10.3	3.07	.67	.83	.99	32.6	9.6	3.50	.69	.87	1.00
71°F (22°C)	1015	480	38.5	11.3	2.36	.46	.58	.69	36.8	10.8	2.69	.46	.58	.70	34.8	10.2	3.07	.47	.59	.72	32.6	9.6	3.50	.47	.61	.74
	1190	560	40.0	11.7	2.38	.47	.60	.72	38.0	11.1	2.70	.48	.61	.74	36.0	10.6	3.07	.48	.62	.76	33.8	9.9	3.52	.49	.64	.79
	1395	660	41.0	12.0	2.39	.49	.63	.76	39.0	11.4	2.71	.49	.64	.79	37.2	10.9	3.09	.50	.66	.81	34.6	10.1	3.52	.51	.67	.84

**HEATING CAPACITY - XP15-036 with**

[CX34-44/48B-6F + G61MPV-36B-070]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input
1015	480	38.2	11.2	2.78	29.4	8.6	2.54	20.0	5.9	2.29	14.7	4.3	2.02	7.2	2.1	1.52	7.2	2.1	1.52	
1190	560	38.9	11.4	2.65	30.1	8.8	2.41	20.7	6.1	2.16	15.4	4.5	1.90	7.9	2.3	1.39	7.9	2.3	1.39	
1395	660	39.7	11.6	2.56	30.9	9.1	2.32	21.5	6.3	2.07	16.2	4.7	1.80	8.7	2.5	1.30	8.7	2.5	1.30	

**HEATING CAPACITY - XP15-036 with**

[CX34-44/48B-6F + G61MPV-36B-045]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input
1055	500	38.5	11.3	2.74	29.6	8.7	2.51	20.2	5.9	2.27	14.9	4.4	2.01	7.3	2.1	1.50	7.3	2.1	1.50	
1235	585	39.2	11.5	2.62	30.3	8.9	2.39	20.9	6.1	2.15	15.6	4.6	1.89	8.0	2.3	1.39	8.0	2.3	1.39	
1420	670	39.9	11.7	2.54	31.1	9.1	2.31	21.6	6.3	2.07	16.3	4.8	1.81	8.7	2.5	1.30	8.7	2.5	1.30	

**HEATING PERFORMANCE at 1235 cfm (585 L/s) Indoor Coil Air Volume XP15-036 with [CX34-44/48B-6F + G61MPV-36B-045]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kW	kW	kBtuh	kW
65	18	2.62	2.62	39.2	11.5
60	16	2.57	2.57	37.2	10.9
55	13	2.51	2.51	35.2	10.3
50	10	2.46	2.46	33.2	9.7
47	8	2.42	2.42	32.1	9.4
45	7	2.39	2.39	30.3	8.9
40	4	2.30	2.30	26.0	7.6
35	2	2.22	2.22	21.6	6.3
30	-1	2.18	2.18	21.3	6.2
25	-4	2.15	2.15	20.9	6.1
20	-7	2.12	2.12	20.5	6.0
17	-8	2.10	2.10	20.2	5.9
15	-9	2.07	2.07	19.4	5.7
10	-12	2.02	2.02	17.5	5.1
5	-15	1.89	1.89	15.6	4.6
0	-18	1.77	1.77	13.7	4.0
-5	-21	1.64	1.64	11.8	3.5
-10	-23	1.51	1.51	9.9	2.9
-15	-26	1.39	1.39	8.0	2.3
-20	-29	1.26	1.26	6.1	1.8

**HEATING PERFORMANCE at 1190 cfm (560 L/s) Indoor Coil Air Volume XP15-036 with [CX34-44/48B-6F + G61MPV-36B-070]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kW	kW	kBtuh	kW
65	18	2.65	2.65	38.9	11.4
60	16	2.60	2.60	37.0	10.8
55	13	2.54	2.54	35.0	10.3
50	10	2.48	2.48	33.0	9.7
47	8	2.45	2.45	31.8	9.3
45	7	2.41	2.41	30.1	8.8
40	4	2.32	2.32	25.8	7.6
35	2	2.23	2.23	21.5	6.3
30	-1	2.20	2.20	21.1	6.2
25	-4	2.16	2.16	20.7	6.1
20	-7	2.13	2.13	20.3	5.9
17	-8	2.11	2.11	20.1	5.9
15	-9	2.08	2.08	19.3	5.7
10	-12	2.03	2.03	17.3	5.1
5	-15	1.90	1.90	15.4	4.5
0	-18	1.77	1.77	13.5	4.0
-5	-21	1.65	1.65	11.7	3.4
-10	-23	1.52	1.52	9.8	2.9
-15	-26	1.39	1.39	7.9	2.3
-20	-29	1.26	1.26	6.0	1.8

**RATINGS**

**3 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**  
**[CX34-44/48C-6F + G61MPV-36C-090]**

**COOLING CAPACITY - XP15-036 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
cfm	L/s	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	
63°F (17°C)	1020	480	34.4	10.1	2.38	.74	.87	.99	32.6	9.6	2.71	.75	.89	1.00	30.8	9.0	3.11	.77	.91	1.00	28.8	8.4	3.56	.79	.95	1.00
	1185	560	35.6	10.4	2.39	.77	.91	1.00	33.8	9.9	2.72	.78	.93	1.00	31.8	9.3	3.11	.80	.96	1.00	29.8	8.7	3.56	.83	.99	1.00
	1395	660	36.8	10.8	2.40	.81	.96	1.00	35.0	10.3	2.73	.83	.99	1.00	33.0	9.7	3.11	.85	1.00	1.00	31.0	9.1	3.55	.88	1.00	1.00
67°F (19°C)	1020	480	36.4	10.7	2.39	.59	.71	.83	34.8	10.2	2.72	.60	.73	.85	32.8	9.6	3.11	.61	.74	.88	30.6	9.0	3.56	.62	.77	.91
	1185	560	37.8	11.1	2.40	.61	.74	.88	35.8	10.5	2.73	.62	.76	.90	33.8	9.9	3.11	.63	.78	.93	31.6	9.3	3.57	.65	.81	.96
	1395	660	39.0	11.4	2.41	.63	.78	.93	37.0	10.8	2.74	.65	.80	.95	35.0	10.3	3.12	.66	.83	.98	32.6	9.6	3.56	.68	.86	1.00
71°F (22°C)	1020	480	38.5	11.3	2.40	.46	.57	.69	36.6	10.7	2.74	.46	.58	.70	34.8	10.2	3.12	.46	.59	.72	32.6	9.6	3.57	.47	.61	.74
	1185	560	40.0	11.7	2.42	.47	.59	.72	38.0	11.1	2.74	.47	.60	.74	35.8	10.5	3.12	.47	.62	.76	33.6	9.8	3.57	.48	.63	.78
	1395	660	41.0	12.0	2.43	.48	.62	.76	39.0	11.4	2.75	.49	.63	.78	37.0	10.8	3.14	.49	.65	.80	34.6	10.1	3.57	.50	.67	.84

**COOLING CAPACITY - XP15-036 with**

**[CX34-49C-6F + G61MPV-36C-090]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
cfm	L/s	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	
63°F (17°C)	1020	480	35.2	10.3	2.36	.75	.88	1.00	33.4	9.8	2.69	.76	.90	1.00	31.6	9.3	3.07	.78	.93	1.00	29.4	8.6	3.52	.81	.97	1.00
	1185	560	36.4	10.7	2.37	.78	.93	1.00	34.6	10.1	2.69	.80	.95	1.00	32.8	9.6	3.07	.83	.98	1.00	30.6	9.0	3.51	.85	1.00	1.00
	1395	660	37.8	11.1	2.38	.82	.98	1.00	36.0	10.6	2.70	.85	1.00	1.00	34.2	10.0	3.08	.87	1.00	1.00	32.2	9.4	3.52	.91	1.00	1.00
67°F (19°C)	1020	480	37.2	10.9	2.37	.60	.73	.85	35.4	10.4	2.69	.61	.74	.87	33.4	9.8	3.08	.62	.76	.89	31.2	9.1	3.52	.63	.79	.93
	1185	560	38.5	11.3	2.38	.62	.76	.89	36.6	10.7	2.71	.63	.78	.92	34.6	10.1	3.09	.64	.80	.95	32.2	9.4	3.53	.66	.83	.98
	1395	660	40.0	11.7	2.39	.65	.80	.95	37.8	11.1	2.71	.66	.82	.98	35.6	10.4	3.08	.68	.85	1.00	33.4	9.8	3.53	.70	.88	1.00
71°F (22°C)	1020	480	39.0	11.4	2.38	.46	.59	.70	37.2	10.9	2.71	.46	.59	.72	35.2	10.3	3.09	.47	.60	.73	33.0	9.7	3.53	.48	.62	.76
	1185	560	40.5	11.9	2.39	.47	.61	.74	38.5	11.3	2.71	.48	.61	.75	36.2	10.6	3.09	.48	.63	.78	34.0	10.0	3.53	.49	.64	.81
	1395	660	41.5	12.2	2.41	.49	.64	.78	39.5	11.6	2.73	.49	.65	.80	37.6	11.0	3.11	.50	.67	.83	35.0	10.3	3.53	.51	.69	.86

**HEATING CAPACITY - XP15-036 with**

**[CX34-44/48C-6F + G61MPV-36C-090]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1020	480	38.0	11.1	2.77	29.2	8.6	2.53	19.8	5.8	2.28	14.6	4.3	2.01	7.2	2.1	1.51				
1185	560	38.6	11.3	2.65	29.8	8.7	2.41	20.4	6.0	2.16	15.1	4.4	1.89	7.7	2.3	1.39				
1395	660	39.3	11.5	2.55	30.5	8.9	2.31	21.1	6.2	2.06	15.8	4.6	1.79	8.5	2.5	1.29				

**HEATING CAPACITY - XP15-036 with**

**[CX34-49C-6F + G61MPV-36C-090]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1020	480	38.5	11.3	2.64	29.5	8.6	2.42	19.8	5.8	2.19	14.5	4.2	1.94	7.1	2.1	1.45				
1185	560	39.2	11.5	2.53	30.1	8.8	2.30	20.5	6.0	2.08	15.1	4.4	1.83	7.8	2.3	1.34				
1395	660	39.9	11.7	2.43	30.8	9.0	2.21	21.2	6.2	1.98	15.8	4.6	1.73	8.5	2.5	1.24				

**HEATING PERFORMANCE at 1185 cfm (560 L/s) Indoor Coil Air Volume XP15-036 with [CX34-44/48C-6F + G61MPV-36C-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.65	38.6	11.3
60	16	2.59	36.6	10.7
55	13	2.53	34.7	10.2
50	10	2.48	32.7	9.6
47	8	2.44	31.5	9.2
45	7	2.41	29.8	8.7
40	4	2.32	25.5	7.5
35	2	2.23	21.2	6.2
30	-1	2.19	20.8	6.1
25	-4	2.16	20.4	6.0
20	-7	2.12	20.0	5.9
17	-8	2.10	19.7	5.8
15	-9	2.08	18.9	5.5
10	-12	2.02	16.9	5.0
5	-15	1.89	15.1	4.4
0	-18	1.77	13.3	3.9
-5	-21	1.64	11.4	3.3
-10	-23	1.51	9.6	2.8
-15	-26	1.39	7.7	2.3
-20	-29	1.26	5.9	1.7

**HEATING PERFORMANCE at cfm ( L/s) Indoor Coil Air Volume XP15-036 with [CX34-49C-6F + G61MPV-36C-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.53	39.2	11.5
60	16	2.47	37.1	10.9
55	13	2.42	35.1	10.3
50	10	2.37	33.1	9.7
47	8	2.34	31.9	9.3
45	7	2.30	30.1	8.8
40	4	2.22	25.8	7.6
35	2	2.14	21.4	6.3
30	-1	2.11	20.9	6.1
25	-4	2.08	20.5	6.0
20	-7	2.04	20.0	5.9
17	-8	2.02	19.8	5.8
15	-9	2.00	18.9	5.5
10	-12	1.95	16.9	5.0
5	-15	1.83	15.1	4.4
0	-18	1.70	13.3	3.9
-5	-21	1.58	11.4	3.3
-10	-23	1.46	9.6	2.8
-15	-26	1.34	7.8	2.3
-20	-29	1.21	5.9	1.7

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**DOWN-FLOW INDOOR COILS**  
**[CR33-50/60C-F]**

**COOLING CAPACITY - XP15-036 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.2	10.3	2.34	.75	.89	1.00	33.4	9.8	2.65	.77	.91	1.00	31.4	9.2	3.04	.79	.94	1.00	29.2	8.6	3.48	.82	.97	1.00
	1200	565	36.6	10.7	2.35	.80	.94	1.00	34.8	10.2	2.67	.81	.97	1.00	32.8	9.6	3.04	.84	.99	1.00	30.8	9.0	3.48	.87	1.00	1.00
	1400	660	37.6	11.0	2.35	.84	.99	1.00	36.0	10.6	2.67	.86	1.00	1.00	34.2	10.0	3.05	.89	1.00	1.00	32.2	9.4	3.48	.92	1.00	1.00
67°F (19°C)	1000	470	37.2	10.9	2.34	.60	.73	.85	35.4	10.4	2.66	.61	.74	.87	33.4	9.8	3.05	.62	.76	.90	31.2	9.1	3.49	.64	.79	.94
	1200	565	38.5	11.3	2.36	.63	.77	.91	36.8	10.8	2.68	.64	.79	.94	34.6	10.1	3.05	.65	.81	.97	32.4	9.5	3.49	.67	.84	.99
	1400	660	40.0	11.7	2.36	.66	.81	.97	37.8	11.1	2.69	.67	.84	.99	35.6	10.4	3.06	.69	.86	1.00	33.2	9.7	3.49	.71	.90	1.00
71°F (22°C)	1000	470	39.0	11.4	2.36	.46	.58	.71	37.4	11.0	2.68	.46	.60	.72	35.4	10.4	3.06	.47	.61	.74	33.2	9.7	3.50	.48	.62	.76
	1200	565	40.5	11.9	2.37	.47	.61	.75	39.0	11.4	2.70	.48	.63	.77	36.6	10.7	3.07	.49	.64	.79	34.4	10.1	3.51	.49	.66	.82
	1400	660	42.0	12.3	2.39	.49	.64	.79	40.0	11.7	2.70	.49	.66	.81	37.6	11.0	3.08	.50	.67	.84	35.2	10.3	3.51	.51	.70	.88

**HEATING CAPACITY - XP15-036 with**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input					
	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW						
1000	470	39.5	11.6	2.53	30.4	8.9	2.32	20.6	6.0	2.10	15.1	4.4	1.86	7.5	2.2	1.39				
1200	565	40.1	11.8	2.41	31.0	9.1	2.20	21.2	6.2	1.98	15.7	4.6	1.74	8.1	2.4	1.27				
1400	660	40.7	11.9	2.33	31.6	9.3	2.12	21.8	6.4	1.90	16.3	4.8	1.66	8.6	2.5	1.19				

**HEATING PERFORMANCE at 1200 cfm (565 L/s) Indoor Coil**  
**Air Volume XP15-036 with [CR33-50/60C-F]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.41	40.1	11.8
60	16	2.36	38.1	11.2
55	13	2.31	36.0	10.6
50	10	2.26	34.0	10.0
47	8	2.23	32.8	9.6
45	7	2.20	31.0	9.1
40	4	2.12	26.5	7.8
35	2	2.05	22.1	6.5
30	-1	2.01	21.6	6.3
25	-4	1.98	21.2	6.2
20	-7	1.94	20.8	6.1
17	-8	1.92	20.5	6.0
15	-9	1.90	19.7	5.8
10	-12	1.85	17.6	5.2
5	-15	1.74	15.7	4.6
0	-18	1.62	13.8	4.0
-5	-21	1.50	11.9	3.5
-10	-23	1.39	10.0	2.9
-15	-26	1.27	8.1	2.4
-20	-29	1.15	6.1	1.8

**RATINGS**

**3 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**DOWN-FLOW INDOOR COILS WITH GAS FURNACES**  
**[CR33-48B-F + G60DFV-36B-090]**

**COOLING CAPACITY - XP15-036 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1040	490	34.4	10.1	2.37	.74	.88	1.00	32.8	9.6	2.69	.76	.90	1.00	30.8	9.0	3.08	.78	.93	1.00	28.8	8.4	3.54	.80	.96	1.00
	1195	565	35.6	10.4	2.38	.77	.92	1.00	33.6	9.8	2.70	.79	.94	1.00	31.8	9.3	3.09	.81	.97	1.00	29.6	8.7	3.54	.84	1.00	1.00
	1405	665	36.6	10.7	2.38	.81	.97	1.00	34.8	10.2	2.70	.84	.99	1.00	32.8	9.6	3.09	.86	1.00	1.00	31.0	9.1	3.54	.89	1.00	1.00
67°F (19°C)	1040	490	36.6	10.7	2.38	.59	.72	.84	34.8	10.2	2.70	.60	.74	.86	32.8	9.6	3.09	.61	.75	.89	30.8	9.0	3.54	.63	.78	.92
	1195	565	37.6	11.0	2.39	.61	.75	.88	35.8	10.5	2.71	.62	.77	.91	33.8	9.9	3.10	.64	.79	.94	31.6	9.3	3.54	.65	.82	.97
	1405	665	39.0	11.4	2.40	.64	.79	.94	37.0	10.8	2.72	.65	.81	.96	34.8	10.2	3.09	.67	.84	.99	32.4	9.5	3.54	.69	.87	1.00
71°F (22°C)	1040	490	38.5	11.3	2.39	.45	.58	.70	36.8	10.8	2.72	.46	.59	.71	34.8	10.2	3.10	.46	.60	.73	32.6	9.6	3.55	.47	.61	.75
	1195	565	39.5	11.6	2.40	.46	.60	.73	37.8	11.1	2.72	.47	.61	.74	35.8	10.5	3.11	.47	.62	.77	33.4	9.8	3.55	.48	.64	.79
	1405	665	41.0	12.0	2.41	.47	.63	.77	39.0	11.4	2.74	.48	.64	.79	36.8	10.8	3.11	.49	.65	.81	34.4	10.1	3.55	.50	.68	.85

**COOLING CAPACITY - XP15-036 with**

**[CR33-48B-F + G61MPV-36B-045]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1055	500	34.6	10.1	2.33	.75	.88	1.00	33.0	9.7	2.67	.77	.91	1.00	31.0	9.1	3.04	.79	.93	1.00	29.0	8.5	3.49	.81	.97	1.00
	1235	585	35.8	10.5	2.34	.78	.93	1.00	34.0	10.0	2.67	.80	.96	1.00	32.0	9.4	3.04	.83	.98	1.00	30.0	8.8	3.48	.86	1.00	1.00
	1420	670	36.8	10.8	2.35	.82	.98	1.00	35.0	10.3	2.67	.84	1.00	1.00	33.2	9.7	3.05	.87	1.00	1.00	31.2	9.1	3.49	.91	1.00	1.00
67°F (19°C)	1055	500	36.8	10.8	2.35	.60	.73	.85	35.0	10.3	2.68	.61	.74	.87	33.0	9.7	3.05	.62	.76	.90	30.8	9.0	3.49	.64	.79	.93
	1235	585	38.0	11.1	2.35	.62	.76	.90	36.2	10.6	2.68	.63	.78	.92	34.2	10.0	3.06	.65	.80	.95	31.8	9.3	3.50	.66	.83	.99
	1420	670	39.0	11.4	2.37	.65	.80	.95	37.0	10.8	2.68	.66	.82	.97	35.0	10.3	3.06	.68	.85	1.00	32.6	9.6	3.50	.70	.88	1.00
71°F (22°C)	1055	500	38.5	11.3	2.36	.46	.58	.70	37.0	10.8	2.69	.46	.59	.72	35.0	10.3	3.06	.47	.61	.74	32.8	9.6	3.50	.47	.62	.76
	1235	585	40.0	11.7	2.37	.47	.61	.74	38.0	11.1	2.69	.47	.62	.76	36.0	10.6	3.07	.48	.63	.78	33.8	9.9	3.50	.49	.65	.81
	1420	670	41.0	12.0	2.38	.48	.63	.78	39.0	11.4	2.70	.49	.65	.80	37.0	10.8	3.07	.50	.66	.82	34.6	10.1	3.51	.51	.69	.86

**HEATING CAPACITY - XP15-036 with**

**[CR33-48B-F + G60DFV-36B-090]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1040	490	38.7	11.3	2.62	29.6	8.7	2.39	20.0	5.9	2.14	14.6	4.3	1.88	7.2	2.1	1.40				
1195	565	39.2	11.5	2.54	30.2	8.9	2.30	20.5	6.0	2.05	15.1	4.4	1.79	7.8	2.3	1.31				
1405	665	39.9	11.7	2.45	30.9	9.1	2.21	21.2	6.2	1.97	15.8	4.6	1.70	8.5	2.5	1.23				

**HEATING CAPACITY - XP15-036 with**

**[CR33-48B-F + G61MPV-36B-045]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1055	500	39.0	11.4	2.61	29.9	8.8	2.38	20.2	5.9	2.14	14.8	4.3	1.89	7.3	2.1	1.41				
1235	585	39.7	11.6	2.52	30.6	9.0	2.29	20.9	6.1	2.05	15.5	4.5	1.79	8.0	2.3	1.31				
1420	670	40.4	11.8	2.45	31.4	9.2	2.21	21.7	6.4	1.98	16.3	4.8	1.72	8.7	2.5	1.24				

**HEATING PERFORMANCE at 1195 cfm (565 L/s) Indoor Coil Air Volume XP15-036 with [CR33-48B-F + G60DFV-36B-090]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kBtuh	kW	kBtuh	kW
65	18	2.54	39.2	11.5	
60	16	2.48	37.2	10.9	
55	13	2.42	35.2	10.3	
50	10	2.36	33.1	9.7	
47	8	2.33	31.9	9.3	
45	7	2.30	30.2	8.9	
40	4	2.22	25.8	7.6	
35	2	2.13	21.4	6.3	
30	-1	2.09	21.0	6.2	
25	-4	2.05	20.5	6.0	
20	-7	2.01	20.1	5.9	
17	-8	1.99	19.8	5.8	
15	-9	1.97	19.0	5.6	
10	-12	1.91	17.0	5.0	
5	-15	1.79	15.1	4.4	
0	-18	1.67	13.3	3.9	
-5	-21	1.55	11.5	3.4	
-10	-23	1.43	9.6	2.8	
-15	-26	1.31	7.8	2.3	
-20	-29	1.19	5.9	1.7	

**HEATING PERFORMANCE at 1235 cfm (585 L/s) Indoor Coil Air Volume XP15-036 with [CR33-48B-F + G61MPV-36B-045]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kBtuh	kW	kBtuh	kW
65	18	2.52	39.7	11.6	
60	16	2.46	37.6	11.0	
55	13	2.41	35.6	10.4	
50	10	2.35	33.6	9.8	
47	8	2.32	32.4	9.5	
45	7	2.29	30.6	9.0	
40	4	2.20	26.2	7.7	
35	2	2.12	21.8	6.4	
30	-1	2.08	21.4	6.3	
25	-4	2.05	20.9	6.1	
20	-7	2.01	20.5	6.0	
17	-8	1.99	20.3	5.9	
15	-9	1.97	19.5	5.7	
10	-12	1.91	17.4	5.1	
5	-15	1.79	15.5	4.5	
0	-18	1.67	13.7	4.0	
-5	-21	1.55	11.8	3.5	
-10	-23	1.43	9.9	2.9	
-15	-26	1.31	8.0	2.3	
-20	-29	1.19	6.1	1.8	

**RATINGS**

**3 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**DOWN-FLOW INDOOR COILS WITH GAS FURNACES**

[CR33-48B-F + G61MPV-36B-070]

**COOLING CAPACITY - XP15-036 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1015	480	34.4	10.1	2.34	.74	.87	.99	32.6	9.6	2.66	.76	.89	1.00	30.8	9.0	3.04	.78	.92	1.00	28.6	8.4	3.49	.80	.95	1.00
	1190	560	35.6	10.4	2.35	.78	.92	1.00	33.8	9.9	2.67	.79	.95	1.00	31.8	9.3	3.05	.82	.97	1.00	29.6	8.7	3.49	.85	1.00	1.00
	1395	660	36.6	10.7	2.35	.82	.97	1.00	34.8	10.2	2.67	.84	.99	1.00	32.8	9.6	3.05	.86	1.00	1.00	31.0	9.1	3.49	.90	1.00	1.00
67°F (19°C)	1015	480	36.4	10.7	2.34	.59	.72	.84	34.6	10.1	2.67	.60	.73	.86	32.8	9.6	3.05	.61	.75	.89	30.6	9.0	3.49	.63	.78	.92
	1190	560	37.6	11.0	2.36	.61	.75	.88	35.8	10.5	2.68	.62	.77	.91	33.8	9.9	3.05	.64	.79	.94	31.6	9.3	3.49	.66	.82	.97
	1395	660	39.0	11.4	2.36	.64	.79	.94	37.0	10.8	2.69	.65	.81	.96	34.8	10.2	3.05	.67	.84	.99	32.4	9.5	3.49	.69	.87	1.00
71°F (22°C)	1015	480	38.5	11.3	2.36	.45	.58	.69	36.6	10.7	2.68	.46	.58	.71	34.6	10.1	3.05	.46	.60	.73	32.4	9.5	3.50	.47	.61	.75
	1190	560	39.5	11.6	2.37	.46	.60	.73	37.8	11.1	2.69	.47	.61	.75	35.8	10.5	3.07	.48	.63	.77	33.6	9.8	3.50	.49	.64	.79
	1395	660	41.0	12.0	2.38	.48	.63	.77	39.0	11.4	2.70	.49	.64	.79	36.8	10.8	3.07	.50	.66	.82	34.4	10.1	3.51	.51	.68	.85

**COOLING CAPACITY - XP15-036 with**

[CR33-48C-F + G61MPV-36C-090]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1020	480	34.4	10.1	2.35	.74	.87	.99	32.6	9.6	2.67	.76	.89	1.00	30.8	9.0	3.05	.78	.92	1.00	28.8	8.4	3.50	.80	.96	1.00
	1185	560	35.6	10.4	2.35	.77	.92	1.00	33.8	9.8	2.68	.79	.94	1.00	31.8	9.3	3.06	.81	.97	1.00	29.6	8.7	3.50	.84	1.00	1.00
	1395	660	36.6	10.7	2.36	.81	.97	1.00	34.6	10.2	2.68	.83	.99	1.00	32.8	9.6	3.06	.86	1.00	1.00	31.0	9.1	3.50	.89	1.00	1.00
67°F (19°C)	1020	480	36.4	10.7	2.36	.59	.72	.84	34.6	10.1	2.68	.60	.73	.86	32.8	9.6	3.06	.61	.75	.89	30.6	9.0	3.50	.63	.78	.92
	1185	560	37.6	11.0	2.37	.61	.75	.88	35.8	10.5	2.69	.62	.77	.91	33.8	9.9	3.06	.64	.79	.94	31.6	9.3	3.50	.65	.82	.97
	1395	660	39.0	11.4	2.37	.64	.79	.94	36.8	10.8	2.69	.65	.81	.96	34.8	10.2	3.06	.67	.84	.99	32.4	9.5	3.51	.69	.87	1.00
71°F (22°C)	1020	480	38.5	11.3	2.37	.45	.58	.69	36.6	10.7	2.69	.46	.58	.71	34.6	10.1	3.06	.46	.60	.73	32.4	9.5	3.51	.47	.61	.75
	1185	560	39.5	11.6	2.37	.46	.60	.73	37.8	11.1	2.70	.47	.61	.74	35.8	10.5	3.08	.48	.62	.76	33.4	9.8	3.52	.48	.64	.79
	1395	660	41.0	12.0	2.38	.48	.63	.77	39.0	11.4	2.71	.48	.64	.79	36.8	10.8	3.08	.49	.65	.81	34.4	10.1	3.52	.50	.68	.85

**HEATING CAPACITY - XP15-036 with**

[CR33-48B-F + G61MPV-36B-070]

Indoor Coil Air Volume 70°F db (21°C db)	Total Air Volume		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	
kBtuh	kW	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		
1015	480	38.7	11.3	2.65	29.7	8.7	2.41	20.1	5.9	2.16	14.7	4.3	1.90	7.2	2.1	1.42	
1190	560	39.4	11.5	2.55	30.4	8.9	2.31	20.8	6.1	2.06	15.4	4.5	1.80	7.9	2.3	1.32	
1395	660	40.2	11.8	2.46	31.2	9.1	2.22	21.5	6.3	1.98	16.1	4.7	1.71	8.6	2.5	1.23	

**HEATING CAPACITY - XP15-036 with**

[CR33-48C-F + G61MPV-36C-090]

Indoor Coil Air Volume 70°F db (21°C db)	Total Air Volume		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	
kBtuh	kW	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		
1020	480	38.7	11.3	2.64	29.7	8.7	2.40	20.1	5.9	2.16	14.7	4.3	1.89	7.2	2.1	1.41	
1185	560	39.3	11.5	2.54	30.3	8.9	2.31	20.6	6.0	2.06	15.2	4.5	1.79	7.8	2.3	1.32	
1395	660	40.0	11.7	2.46	31.0	9.1	2.22	21.3	6.2	1.97	15.9	4.7	1.71	8.5	2.5	1.23	

**HEATING PERFORMANCE at 1190 cfm (560 L/s) Indoor Coil Air Volume XP15-036 with [CR33-48B-F + G61MPV-36B-070]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kW	kBtuh	kW	kBtuh
65	18	2.55	39.4	11.5	39.4
60	16	2.49	37.4	11.0	37.4
55	13	2.43	35.4	10.4	35.4
50	10	2.37	33.4	9.8	33.4
47	8	2.34	32.2	9.4	32.2
45	7	2.31	30.4	8.9	30.4
40	4	2.22	26.1	7.6	26.1
35	2	2.14	21.7	6.4	21.7
30	-1	2.10	21.2	6.2	21.2
25	-4	2.06	20.8	6.1	20.8
20	-7	2.02	20.3	5.9	20.3
17	-8	2.00	20.1	5.9	20.1
15	-9	1.97	19.3	5.7	19.3
10	-12	1.92	17.3	5.1	17.3
5	-15	1.80	15.4	4.5	15.4
0	-18	1.68	13.5	4.0	13.5
-5	-21	1.56	11.6	3.4	11.6
-10	-23	1.44	9.8	2.9	9.8
-15	-26	1.32	7.9	2.3	7.9
-20	-29	1.20	6.0	1.8	6.0

**HEATING PERFORMANCE at 1185 cfm (560 L/s) Indoor Coil Air Volume XP15-036 with [CR33-48C-F + G61MPV-36C-090]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kW	kBtuh	kW	kBtuh
65	18	2.54	39.3	11.5	39.3
60	16	2.49	37.3	10.9	37.3
55	13	2.43	35.2	10.3	35.2
50	10	2.37	33.2	9.7	33.2
47	8	2.34	32.0	9.4	32.0
45	7	2.31	30.3	8.9	30.3
40	4	2.22	25.9	7.6	25.9
35	2	2.14	21.5	6.3	21.5
30	-1	2.10	21.1	6.2	21.1
25	-4	2.06	20.6	6.0	20.6
20	-7	2.02	20.2	5.9	20.2
17	-8	1.99	19.9	5.8	19.9
15	-9	1.97	19.1	5.6	19.1
10	-12	1.91	17.1	5.0	17.1
5	-15	1.79	15.2	4.5	15.2
0	-18	1.68	13.4	3.9	13.4
-5	-21	1.56	11.5	3.4	11.5
-10	-23	1.44	9.7	2.8	9.7
-15	-26	1.32	7.8	2.3	7.8
-20	-29	1.20	6.0	1.8	6.0

**RATINGS**

**3 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**DOWN-FLOW INDOOR COILS WITH GAS FURNACES**  
**[CR33-50/60C-F + G61MPV-36C-090]**

**COOLING CAPACITY - XP15-036 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
	Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb				
				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C	75°F 24°C	80°F 27°C
cfm	L/s	kBtuh	kW	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW		
63°F (17°C)	1020	480	35.2	10.3	2.36	.75	.89	1.00	33.4	9.8	2.68	.77	.91	1.00	31.4	9.2	3.07	.79	.94	1.00	29.2	8.6	3.52	.81	.97	1.00
	1185	560	36.4	10.7	2.37	.79	.94	1.00	34.4	10.1	2.69	.80	.96	1.00	32.4	9.5	3.07	.83	.99	1.00	30.4	8.9	3.52	.86	1.00	1.00
	1395	660	37.6	11.0	2.37	.83	.99	1.00	35.8	10.5	2.69	.85	1.00	1.00	34.0	10.0	3.08	.88	1.00	1.00	32.0	9.4	3.52	.92	1.00	1.00
67°F (19°C)	1020	480	37.2	10.9	2.37	.60	.73	.85	35.4	10.4	2.69	.61	.74	.87	33.4	9.8	3.08	.62	.76	.90	31.2	9.1	3.52	.63	.79	.94
	1185	560	38.5	11.3	2.38	.62	.76	.90	36.6	10.7	2.71	.63	.78	.93	34.4	10.1	3.08	.64	.80	.96	32.2	9.4	3.52	.66	.83	.99
	1395	660	39.5	11.6	2.39	.65	.81	.96	37.8	11.1	2.71	.66	.83	.98	35.6	10.4	3.08	.68	.86	1.00	33.0	9.7	3.52	.70	.89	1.00
71°F (22°C)	1020	480	39.0	11.4	2.39	.45	.58	.70	37.4	11.0	2.71	.46	.59	.72	35.4	10.4	3.09	.46	.60	.74	33.0	9.7	3.53	.47	.62	.76
	1185	560	40.5	11.9	2.39	.46	.61	.74	38.5	11.3	2.72	.47	.62	.76	36.4	10.7	3.10	.48	.63	.78	34.0	10.0	3.53	.48	.65	.81
	1395	660	42.0	12.3	2.41	.48	.64	.79	40.0	11.7	2.73	.49	.65	.81	37.6	11.0	3.11	.49	.67	.83	35.0	10.3	3.55	.50	.69	.87

**HEATING CAPACITY - XP15-036 with**

**[CR33-50/60C-F + G61MPV-36C-090]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)				45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	
cfm	L/s	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW
1020	480	39.1	11.5	2.51	30.0	8.8	2.29	20.2	5.9	2.07	14.7	4.3	1.83	7.3	2.1	1.36
1185	560	39.6	11.6	2.41	30.5	8.9	2.19	20.7	6.1	1.97	15.2	4.5	1.73	7.8	2.3	1.27
1395	660	40.3	11.8	2.33	31.2	9.1	2.11	21.4	6.3	1.89	16.0	4.7	1.65	8.6	2.5	1.18

**HEATING PERFORMANCE AT 1185 cfm (560 L/s) Indoor Coil Air Volume XP15-036 with [CR33-50/60C-F + G61MPV-36C-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.41	39.6	11.6
60	16	2.36	37.6	11.0
55	13	2.31	35.5	10.4
50	10	2.26	33.5	9.8
47	8	2.22	32.2	9.4
45	7	2.19	30.5	8.9
40	4	2.12	26.1	7.6
35	2	2.04	21.7	6.4
30	-1	2.01	21.2	6.2
25	-4	1.97	20.7	6.1
20	-7	1.94	20.2	5.9
17	-8	1.92	19.9	5.8
15	-9	1.90	19.1	5.6
10	-12	1.84	17.1	5.0
5	-15	1.73	15.2	4.5
0	-18	1.61	13.4	3.9
-5	-21	1.50	11.5	3.4
-10	-23	1.38	9.7	2.8
-15	-26	1.27	7.8	2.3
-20	-29	1.15	6.0	1.8

**RATINGS**

**3 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**HORIZONTAL INDOOR COILS**  
[CH33-44/48B-2F]

**COOLING CAPACITY - XP15-036 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	34.8	10.2	2.35	.74	.87	.99	33.0	9.7	2.67	.76	.90	1.00	31.0	9.1	3.06	.78	.92	1.00	29.0	8.5	3.50	.80	.96	1.00
	1200	565	36.2	10.6	2.35	.78	.93	1.00	34.2	10.0	2.68	.80	.96	1.00	32.2	9.4	3.06	.82	.98	1.00	30.2	8.9	3.50	.85	1.00	1.00
	1400	660	37.2	10.9	2.36	.82	.98	1.00	35.2	10.3	2.69	.84	1.00	1.00	33.4	9.8	3.07	.87	1.00	1.00	31.6	9.3	3.51	.90	1.00	1.00
67°F (19°C)	1000	470	36.8	10.8	2.36	.59	.72	.84	35.0	10.3	2.68	.60	.73	.86	33.0	9.7	3.06	.61	.75	.89	30.8	9.0	3.51	.63	.78	.92
	1200	565	38.5	11.3	2.37	.62	.76	.89	36.4	10.7	2.69	.63	.77	.92	34.4	10.1	3.06	.64	.80	.95	32.0	9.4	3.51	.66	.83	.99
	1400	660	39.5	11.6	2.37	.64	.80	.95	37.4	11.0	2.70	.66	.82	.97	35.2	10.3	3.07	.67	.84	1.00	32.8	9.6	3.50	.69	.88	1.00
71°F (22°C)	1000	470	39.0	11.4	2.37	.46	.58	.69	37.0	10.8	2.69	.46	.59	.71	35.0	10.3	3.08	.47	.60	.73	32.8	9.6	3.52	.48	.61	.75
	1200	565	40.5	11.9	2.39	.47	.60	.73	38.5	11.3	2.70	.48	.61	.75	36.2	10.6	3.08	.48	.63	.77	34.0	10.0	3.52	.49	.65	.80
	1400	660	41.5	12.2	2.39	.48	.63	.77	39.5	11.6	2.72	.49	.64	.79	37.4	11.0	3.09	.50	.66	.82	34.8	10.2	3.53	.50	.68	.85

**COOLING CAPACITY - XP15-036 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	34.8	10.2	2.35	.75	.87	.99	33.0	9.7	2.67	.76	.89	1.00	31.2	9.1	3.05	.78	.92	1.00	29.2	8.6	3.50	.80	.95	1.00
	1200	565	36.2	10.6	2.36	.78	.93	1.00	34.4	10.1	2.68	.80	.95	1.00	32.4	9.5	3.06	.82	.98	1.00	30.2	8.9	3.51	.85	1.00	1.00
	1400	660	37.4	11.0	2.37	.82	.98	1.00	35.4	10.4	2.68	.84	1.00	1.00	33.6	9.8	3.06	.87	1.00	1.00	31.6	9.3	3.51	.90	1.00	1.00
67°F (19°C)	1000	470	37.0	10.8	2.36	.60	.72	.84	35.2	10.3	2.68	.61	.73	.86	33.2	9.7	3.07	.62	.75	.89	31.0	9.1	3.51	.63	.78	.92
	1200	565	38.5	11.3	2.37	.62	.76	.89	36.6	10.7	2.69	.63	.78	.92	34.4	10.1	3.07	.65	.80	.95	32.0	9.4	3.52	.66	.83	.98
	1400	660	39.5	11.6	2.38	.64	.80	.94	37.6	11.0	2.70	.66	.82	.97	35.4	10.4	3.07	.67	.84	1.00	33.0	9.7	3.51	.69	.88	1.00
71°F (22°C)	1000	470	39.0	11.4	2.37	.47	.58	.70	37.2	10.9	2.70	.47	.59	.71	35.2	10.3	3.08	.47	.60	.73	32.8	9.6	3.51	.48	.62	.75
	1200	565	40.5	11.9	2.38	.48	.61	.73	38.5	11.3	2.70	.48	.62	.75	36.4	10.7	3.08	.49	.63	.77	34.2	10.0	3.53	.49	.65	.80
	1400	660	42.0	12.3	2.40	.49	.63	.77	39.5	11.6	2.72	.49	.64	.79	37.4	11.0	3.09	.50	.66	.82	35.0	10.3	3.53	.51	.68	.85

**HEATING CAPACITY - XP15-036 with**

Indoor Coil Air Volume 70°F db (21°C db)	Total Air Volume		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb
kBtuh	kW	kBtuh	kW			kBtuh			kW			kBtuh			kW		
1000	470	39.0	11.4	2.67	30.0	8.8	2.44	20.3	5.9	2.20	14.9	4.4	1.94	7.3	2.1	1.46	
1200	565	39.8	11.7	2.53	30.7	9.0	2.30	21.0	6.2	2.06	15.6	4.6	1.80	8.0	2.3	1.32	
1400	660	40.3	11.8	2.44	31.3	9.2	2.21	21.6	6.3	1.97	16.2	4.7	1.71	8.6	2.5	1.23	

**HEATING CAPACITY - XP15-036 with**

Indoor Coil Air Volume 70°F db (21°C db)	Total Air Volume		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb
kBtuh	kW	kBtuh	kW			kBtuh			kW			kBtuh			kW		
1000	470	38.8	11.4	2.71	29.9	8.8	2.49	20.3	5.9	2.25	14.9	4.4	1.99	7.3	2.1	1.50	
1200	565	39.5	11.6	2.57	30.5	8.9	2.34	20.9	6.1	2.11	15.6	4.6	1.85	8.0	2.3	1.35	
1400	660	40.0	11.7	2.47	31.1	9.1	2.25	21.5	6.3	2.01	16.2	4.7	1.75	8.6	2.5	1.26	

**HEATING PERFORMANCE at 1200 cfm (565 L/s) Indoor Coil Air Volume XP15-036 with**  
[CH33-44/48B-2F]

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kBtuh	kW	kBtuh	kW
65	18	2.53	39.8	11.7	
60	16	2.47	37.7	11.0	
55	13	2.42	35.7	10.5	
50	10	2.36	33.7	9.9	
47	8	2.33	32.5	9.5	
45	7	2.30	30.7	9.0	
40	4	2.21	26.3	7.7	
35	2	2.13	21.9	6.4	
30	-1	2.10	21.5	6.3	
25	-4	2.06	21.0	6.2	
20	-7	2.02	20.6	6.0	
17	-8	2.00	20.3	5.9	
15	-9	1.98	19.5	5.7	
10	-12	1.92	17.5	5.1	
5	-15	1.80	15.6	4.6	
0	-18	1.68	13.7	4.0	
-5	-21	1.56	11.8	3.5	
-10	-23	1.44	9.9	2.9	
-15	-26	1.32	8.0	2.3	
-20	-29	1.20	6.1	1.8	

**HEATING PERFORMANCE at 1200 cfm (565 L/s) Indoor Coil Air Volume XP15-036 with**  
[CH33-48C-2F]

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kBtuh	kW	kBtuh	kW
65	18	2.57	39.5	11.6	
60	16	2.51	37.5	11.0	
55	13	2.46	35.5	10.4	
50	10	2.41	33.5	9.8	
47	8	2.37	32.3	9.5	
45	7	2.34	30.5	8.9	
40	4	2.26	26.1	7.6	
35	2	2.18	21.8	6.4	
30	-1	2.14	21.3	6.2	
25	-4	2.11	20.9	6.1	
20	-7	2.07	20.5	6.0	
17	-8	2.05	20.3	5.9	
15	-9	2.03	19.5	5.7	
10	-12	1.97	17.5	5.1	
5	-15	1.85	15.6	4.6	
0	-18	1.72	13.7	4.0	
-5	-21	1.60	11.8	3.5	
-10	-23	1.48	9.9	2.9	
-15	-26	1.35	8.0	2.3	
-20	-29	1.23	6.1	1.8	

**RATINGS**

**3 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**HORIZONTAL INDOOR COILS WITH GAS FURNACES**  
[CH33-42B-2F + G60UHV-36B-090]

**COOLING CAPACITY - XP15-036 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
cfm	L/s	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	
63°F (17°C)	1035	490	34.4	10.1	2.35	.74	.87	.99	32.8	9.6	2.69	.76	.89	1.00	30.8	9.0	3.07	.77	.92	1.00	28.8	8.4	3.51	.80	.96	1.00
	1225	580	35.8	10.5	2.36	.78	.92	1.00	33.8	9.9	2.69	.79	.95	1.00	32.0	9.4	3.07	.82	.98	1.00	29.8	8.7	3.52	.85	1.00	1.00
	1385	655	36.6	10.7	2.37	.80	.96	1.00	34.8	10.2	2.68	.83	.99	1.00	32.8	9.6	3.07	.85	1.00	1.00	30.8	9.0	3.52	.88	1.00	1.00
67°F (19°C)	1035	490	36.6	10.7	2.36	.59	.71	.84	34.8	10.2	2.69	.60	.73	.86	32.8	9.6	3.07	.61	.75	.89	30.8	9.0	3.51	.62	.77	.92
	1225	580	38.0	11.1	2.38	.61	.75	.89	36.0	10.6	2.69	.62	.77	.91	34.0	10.0	3.07	.64	.79	.94	31.8	9.3	3.52	.65	.82	.98
	1385	655	39.0	11.4	2.38	.63	.78	.93	37.0	10.8	2.70	.64	.80	.96	34.8	10.2	3.08	.66	.83	.99	32.4	9.5	3.53	.68	.86	1.00
71°F (22°C)	1035	490	38.5	11.3	2.38	.46	.57	.69	36.8	10.8	2.70	.46	.58	.70	34.8	10.2	3.09	.46	.60	.72	32.6	9.6	3.51	.47	.61	.75
	1225	580	40.0	11.7	2.39	.47	.60	.73	38.0	11.1	2.72	.47	.61	.74	36.0	10.6	3.08	.48	.62	.77	33.6	9.8	3.53	.48	.64	.80
	1385	655	41.0	12.0	2.40	.47	.62	.76	39.0	11.4	2.72	.48	.63	.78	36.8	10.8	3.10	.49	.65	.80	34.4	10.1	3.53	.50	.67	.83

**COOLING CAPACITY - XP15-036 with**

[CH33-42B-2F + G61MPV-36B-045]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
cfm	L/s	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C		80°F 27°C	85°F 29°C	
63°F (17°C)	1055	500	34.6	10.1	2.33	.75	.88	1.00	33.0	9.7	2.65	.76	.90	1.00	31.0	9.1	3.03	.78	.93	1.00	29.0	8.5	3.48	.81	.96	1.00
	1235	585	35.8	10.5	2.34	.78	.93	1.00	34.0	10.0	2.66	.80	.96	1.00	32.0	9.4	3.04	.82	.98	1.00	30.0	8.8	3.48	.85	1.00	1.00
	1420	670	37.0	10.8	2.35	.82	.97	1.00	35.0	10.3	2.67	.84	1.00	1.00	33.2	9.7	3.04	.87	1.00	1.00	31.2	9.1	3.48	.90	1.00	1.00
67°F (19°C)	1055	500	36.8	10.8	2.35	.59	.72	.84	35.0	10.3	2.66	.60	.74	.87	33.0	9.7	3.05	.62	.76	.89	30.8	9.0	3.48	.63	.78	.93
	1235	585	38.0	11.1	2.35	.62	.76	.89	36.2	10.6	2.67	.63	.77	.92	34.2	10.0	3.04	.64	.80	.95	31.8	9.3	3.48	.66	.83	.98
	1420	670	39.0	11.4	2.36	.64	.79	.95	37.2	10.9	2.67	.66	.81	.97	35.0	10.3	3.05	.67	.84	1.00	32.6	9.6	3.49	.69	.87	1.00
71°F (22°C)	1055	500	39.0	11.4	2.36	.46	.58	.70	37.0	10.8	2.68	.46	.59	.71	35.0	10.3	3.06	.47	.60	.73	32.8	9.6	3.48	.47	.62	.75
	1235	585	40.0	11.7	2.37	.47	.60	.73	38.5	11.3	2.68	.47	.61	.75	36.2	10.6	3.05	.48	.63	.77	33.8	9.9	3.50	.49	.65	.80
	1420	670	41.5	12.2	2.37	.48	.63	.77	39.5	11.6	2.69	.49	.64	.79	37.2	10.9	3.07	.50	.66	.82	34.6	10.1	3.50	.51	.68	.85

**HEATING CAPACITY - XP15-036 with**

[CH33-42B-2F + G60UHV-36B-090]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1035	490	37.3	10.9	2.70	28.9	8.5	2.47	19.8	5.8	2.23	14.6	4.3	1.97	7.1	2.1	1.48				
1225	580	38.0	11.1	2.56	29.6	8.7	2.33	20.5	6.0	2.10	15.3	4.5	1.84	7.8	2.3	1.35				
1385	655	38.5	11.3	2.49	30.0	8.8	2.26	21.0	6.2	2.02	15.7	4.6	1.76	8.3	2.4	1.27				

**HEATING CAPACITY - XP15-036 with**

[CH33-42B-2F + G61MPV-36B-045]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1055	500	37.6	11.0	2.69	29.1	8.5	2.46	20.1	5.9	2.22	14.8	4.3	1.96	7.2	2.1	1.47				
1235	585	38.3	11.2	2.56	29.9	8.8	2.34	20.8	6.1	2.10	15.5	4.5	1.84	7.9	2.3	1.35				
1420	670	39.1	11.5	2.48	30.6	9.0	2.25	21.6	6.3	2.02	16.3	4.8	1.76	8.7	2.5	1.27				

**HEATING PERFORMANCE at 1225 cfm (580 L/s) Indoor Coil Air Volume XP15-036 with [CH33-42B-2F + G60UHV-36B-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.56	38.0	11.1
60	16	2.51	36.1	10.6
55	13	2.45	34.2	10.0
50	10	2.40	32.3	9.5
47	8	2.37	31.2	9.1
45	7	2.33	29.6	8.7
40	4	2.25	25.5	7.5
35	2	2.17	21.5	6.3
30	-1	2.13	21.0	6.2
25	-4	2.10	20.5	6.0
20	-7	2.06	20.1	5.9
17	-8	2.04	19.8	5.8
15	-9	2.01	19.0	5.6
10	-12	1.96	17.1	5.0
5	-15	1.84	15.3	4.5
0	-18	1.71	13.4	3.9
-5	-21	1.59	11.5	3.4
-10	-23	1.47	9.7	2.8
-15	-26	1.35	7.8	2.3
-20	-29	1.22	5.9	1.7

**HEATING PERFORMANCE at 1235 cfm (585 L/s) Indoor Coil Air Volume XP15-036 with [CH33-42B-2F + G61MPV-36B-045]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.56	38.3	11.2
60	16	2.51	36.4	10.7
55	13	2.45	34.5	10.1
50	10	2.40	32.6	9.6
47	8	2.37	31.5	9.2
45	7	2.34	29.9	8.8
40	4	2.25	25.8	7.6
35	2	2.17	21.7	6.4
30	-1	2.14	21.3	6.2
25	-4	2.10	20.8	6.1
20	-7	2.06	20.4	6.0
17	-8	2.04	20.1	5.9
15	-9	2.02	19.3	5.7
10	-12	1.96	17.4	5.1
5	-15	1.84	15.5	4.5
0	-18	1.72	13.6	4.0
-5	-21	1.59	11.7	3.4
-10	-23	1.47	9.8	2.9
-15	-26	1.35	7.9	2.3
-20	-29	1.23	6.0	1.8



**RATINGS**

**3 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**HORIZONTAL INDOOR COILS WITH GAS FURNACES**

[CH33-42B-2F + G61MPV-36B-070]

**COOLING CAPACITY - XP15-036 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1015	480	34.4	10.1	2.35	.74	.87	.99	32.6	9.6	2.68	.75	.89	1.00	30.8	9.0	3.06	.77	.92	1.00	28.6	8.4	3.51	.80	.95	1.00
	1190	560	35.6	10.4	2.36	.77	.92	1.00	33.8	9.9	2.69	.79	.94	1.00	31.8	9.3	3.06	.81	.97	1.00	29.6	8.7	3.51	.84	1.00	1.00
	1395	660	36.8	10.8	2.36	.81	.97	1.00	34.8	10.2	2.68	.83	.99	1.00	33.0	9.7	3.07	.86	1.00	1.00	31.0	9.1	3.51	.89	1.00	1.00
67°F (19°C)	1015	480	36.4	10.7	2.36	.59	.71	.83	34.6	10.1	2.69	.60	.73	.85	32.8	9.6	3.07	.61	.75	.88	30.6	9.0	3.50	.62	.77	.92
	1190	560	37.8	11.1	2.37	.61	.75	.88	36.0	10.6	2.69	.62	.76	.91	33.8	9.9	3.07	.64	.79	.94	31.6	9.3	3.51	.65	.81	.97
	1395	660	39.0	11.4	2.38	.64	.79	.94	37.0	10.8	2.70	.65	.81	.96	34.8	10.2	3.08	.67	.83	.99	32.4	9.5	3.52	.69	.87	1.00
71°F (22°C)	1015	480	38.5	11.3	2.37	.45	.57	.69	36.8	10.8	2.70	.46	.58	.70	34.6	10.1	3.08	.46	.59	.72	32.4	9.5	3.51	.47	.61	.74
	1190	560	40.0	11.7	2.39	.47	.60	.72	38.0	11.1	2.71	.47	.61	.74	35.8	10.5	3.08	.48	.62	.76	33.6	9.8	3.52	.48	.64	.79
	1395	660	41.0	12.0	2.39	.48	.62	.76	39.0	11.4	2.71	.49	.64	.78	37.0	10.8	3.10	.49	.65	.81	34.6	10.1	3.54	.50	.67	.84

**COOLING CAPACITY - XP15-036 with**

[CH33-44/48B-2F + G60UHV-36B-090]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1035	490	34.8	10.2	2.38	.74	.88	1.00	33.0	9.7	2.71	.76	.90	1.00	31.2	9.1	3.10	.78	.93	1.00	29.0	8.5	3.55	.80	.96	1.00
	1225	580	36.2	10.6	2.39	.78	.93	1.00	34.2	10.0	2.72	.80	.96	1.00	32.4	9.5	3.11	.82	.99	1.00	30.2	8.9	3.56	.85	1.00	1.00
	1385	655	37.0	10.8	2.39	.81	.97	1.00	35.0	10.3	2.72	.83	1.00	33.2	9.7	3.11	.86	1.00	1.00	31.2	9.1	3.56	.89	1.00	1.00	
67°F (19°C)	1035	490	37.0	10.8	2.39	.59	.72	.84	35.2	10.3	2.72	.60	.73	.87	33.2	9.7	3.11	.61	.75	.89	31.0	9.1	3.56	.63	.78	.93
	1225	580	38.5	11.3	2.40	.62	.76	.90	36.4	10.7	2.73	.63	.77	.92	34.4	10.1	3.11	.64	.80	.95	32.0	9.4	3.56	.66	.83	.99
	1385	655	39.5	11.6	2.41	.64	.79	.94	37.2	10.9	2.74	.65	.81	.97	35.0	10.3	3.12	.66	.84	.99	32.6	9.6	3.57	.68	.87	1.00
71°F (22°C)	1035	490	39.0	11.4	2.41	.45	.58	.69	37.2	10.9	2.74	.46	.59	.71	35.2	10.3	3.12	.46	.60	.73	33.0	9.7	3.56	.47	.61	.75
	1225	580	40.5	11.9	2.43	.47	.60	.73	38.5	11.3	2.74	.47	.61	.75	36.4	10.7	3.13	.48	.63	.77	34.0	10.0	3.57	.49	.65	.80
	1385	655	41.5	12.2	2.43	.48	.62	.76	39.5	11.6	2.76	.48	.64	.79	37.2	10.9	3.14	.49	.65	.81	34.8	10.2	3.58	.50	.67	.84

**HEATING CAPACITY - XP15-036 with**

[CH33-42B-2F + G61MPV-36B-070]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	cfm	L/s	Total Heating Capacity kBtuh	Comp. Motor kW Input	Total Heating Capacity kBtuh	Comp. Motor kW Input	Total Heating Capacity kBtuh	Comp. Motor kW Input	Total Heating Capacity kBtuh	Comp. Motor kW Input	Total Heating Capacity kBtuh	Comp. Motor kW Input	Total Heating Capacity kBtuh	Comp. Motor kW Input		
1015	480	37.3	10.9	2.72	28.9	8.5	2.48	19.9	5.8	2.24	14.7	4.3	1.98	7.1	2.1	1.48
1190	560	38.1	11.2	2.59	29.6	8.7	2.36	20.6	6.0	2.11	15.4	4.5	1.85	7.9	2.3	1.36
1395	660	38.9	11.4	2.50	30.5	8.9	2.26	21.5	6.3	2.02	16.2	4.7	1.76	8.7	2.5	1.26

**HEATING CAPACITY - XP15-036 with**

[CH33-44/48B-2F + G60UHV-36B-090]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	cfm	L/s	Total Heating Capacity kBtuh	Comp. Motor kW Input	Total Heating Capacity kBtuh	Comp. Motor kW Input	Total Heating Capacity kBtuh	Comp. Motor kW Input	Total Heating Capacity kBtuh	Comp. Motor kW Input	Total Heating Capacity kBtuh	Comp. Motor kW Input	Total Heating Capacity kBtuh	Comp. Motor kW Input		
1035	490	37.6	11.0	2.62	29.1	8.5	2.39	19.9	5.8	2.16	14.6	4.3	1.91	7.1	2.1	1.43
1225	580	38.3	11.2	2.50	29.8	8.7	2.27	20.6	6.0	2.04	15.3	4.5	1.79	7.8	2.3	1.31
1385	655	38.7	11.3	2.43	30.2	8.9	2.20	21.0	6.2	1.97	15.7	4.6	1.72	8.2	2.4	1.24

**HEATING PERFORMANCE at 1190 cfm (560 L/s) Indoor Coil Air Volume XP15-036 with [CH33-42B-2F + G61MPV-36B-070]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kW	kW	kBtuh	kW
65	18	2.59	2.59	38.1	11.2
60	16	2.54	2.54	36.2	10.6
55	13	2.48	2.48	34.3	10.1
50	10	2.42	2.42	32.4	9.5
47	8	2.39	2.39	31.3	9.2
45	7	2.36	2.36	29.6	8.7
40	4	2.27	2.27	25.6	7.5
35	2	2.19	2.19	21.5	6.3
30	-1	2.15	2.15	21.1	6.2
25	-4	2.11	2.11	20.6	6.0
20	-7	2.08	2.08	20.2	5.9
17	-8	2.05	2.05	19.9	5.8
15	-9	2.03	2.03	19.2	5.6
10	-12	1.97	1.97	17.3	5.1
5	-15	1.85	1.85	15.4	4.5
0	-18	1.73	1.73	13.5	4.0
-5	-21	1.60	1.60	11.6	3.4
-10	-23	1.48	1.48	9.7	2.8
-15	-26	1.36	1.36	7.9	2.3
-20	-29	1.23	1.23	6.0	1.8

**HEATING PERFORMANCE at 1225 cfm (580 L/s) Indoor Coil Air Volume XP15-036 with [CH33-44/48B-2F + G60UHV-36B-090]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kW	kW	kBtuh	kW
65	18	2.50	2.50	38.3	11.2
60	16	2.44	2.44	36.4	10.7
55	13	2.39	2.39	34.5	10.1
50	10	2.34	2.34	32.5	9.5
47	8	2.30	2.30	31.4	9.2
45	7	2.27	2.27	29.8	8.7
40	4	2.19	2.19	25.7	7.5
35	2	2.11	2.11	21.6	6.3
30	-1	2.07	2.07	21.1	6.2
25	-4	2.04	2.04	20.6	6.0
20	-7	2.00	2.00	20.2	5.9
17	-8	1.98	1.98	19.9	5.8
15	-9	1.96	1.96	19.1	5.6
10	-12	1.91	1.91	17.2	5.0
5	-15	1.79	1.79	15.3	4.5
0	-18	1.67	1.67	13.4	3.9
-5	-21	1.55	1.55	11.6	3.4
-10	-23	1.43	1.43	9.7	2.8
-15	-26	1.31	1.31	7.8	2.3
-20	-29	1.19	1.19	6.0	1.8

**RATINGS**

**3 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**HORIZONTAL INDOOR COILS WITH GAS FURNACES**  
**[CH33-44/48B-2F + G61MPV-36B-045]**

**COOLING CAPACITY - XP15-036 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1055	500	35.0	10.3	2.34	.75	.89	1.00	33.2	9.7	2.66	.77	.91	1.00	31.4	9.2	3.04	.79	.94	1.00	29.2	8.6	3.48	.81	.97	1.00
	1235	585	36.2	10.6	2.35	.79	.94	1.00	34.4	10.1	2.67	.81	.96	1.00	32.4	9.5	3.05	.83	.99	1.00	30.4	8.9	3.49	.86	1.00	1.00
	1420	670	37.4	11.0	2.35	.83	.98	1.00	35.4	10.4	2.68	.85	1.00	1.00	33.6	9.8	3.05	.88	1.00	1.00	31.8	9.3	3.50	.91	1.00	1.00
67°F (19°C)	1055	500	37.2	10.9	2.35	.60	.73	.85	35.4	10.4	2.67	.61	.74	.87	33.4	9.8	3.05	.62	.76	.90	31.2	9.1	3.48	.63	.79	.94
	1235	585	38.5	11.3	2.36	.62	.76	.90	36.6	10.7	2.67	.63	.78	.93	34.6	10.1	3.05	.65	.80	.96	32.2	9.4	3.49	.67	.84	.99
	1420	670	39.5	11.6	2.37	.65	.80	.95	37.6	11.0	2.69	.66	.82	.98	35.4	10.4	3.06	.68	.85	1.00	33.0	9.7	3.49	.70	.88	1.00
71°F (22°C)	1055	500	39.5	11.6	2.36	.46	.58	.70	37.4	11.0	2.69	.46	.59	.72	35.4	10.4	3.06	.47	.60	.74	33.0	9.7	3.49	.48	.62	.76
	1235	585	40.5	11.9	2.37	.47	.61	.74	38.5	11.3	2.69	.47	.62	.76	36.4	10.7	3.07	.48	.63	.78	34.0	10.0	3.50	.49	.65	.81
	1420	670	42.0	12.3	2.38	.48	.63	.78	39.5	11.6	2.71	.49	.65	.80	37.4	11.0	3.08	.50	.66	.83	35.0	10.3	3.51	.51	.69	.86

**COOLING CAPACITY - XP15-036 with**

**[CH33-44/48B-2F + G61MPV-36B-070]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1015	480	34.8	10.2	2.35	.74	.87	1.00	33.0	9.7	2.68	.76	.90	1.00	31.0	9.1	3.06	.78	.92	1.00	29.0	8.5	3.51	.80	.96	1.00
	1190	560	36.0	10.6	2.37	.78	.92	1.00	34.0	10.0	2.69	.80	.95	1.00	32.2	9.4	3.07	.82	.98	1.00	30.0	8.8	3.52	.85	1.00	1.00
	1395	660	37.2	10.9	2.37	.82	.98	1.00	35.2	10.3	2.70	.84	1.00	1.00	33.4	9.8	3.08	.87	1.00	1.00	31.4	9.2	3.52	.90	1.00	1.00
67°F (19°C)	1015	480	36.8	10.8	2.37	.59	.72	.84	35.0	10.3	2.69	.60	.73	.86	33.2	9.7	3.08	.61	.75	.89	31.0	9.1	3.52	.63	.78	.92
	1190	560	38.0	11.1	2.38	.61	.75	.89	36.2	10.6	2.69	.62	.77	.92	34.2	10.0	3.07	.64	.79	.95	31.8	9.3	3.52	.66	.82	.98
	1395	660	39.5	11.6	2.38	.64	.79	.95	37.4	11.0	2.71	.66	.82	.97	35.2	10.3	3.08	.67	.84	1.00	32.8	9.6	3.51	.69	.88	1.00
71°F (22°C)	1015	480	39.0	11.4	2.38	.46	.58	.69	37.0	10.8	2.70	.46	.58	.71	35.0	10.3	3.09	.46	.60	.73	32.8	9.6	3.53	.47	.61	.75
	1190	560	40.5	11.9	2.39	.47	.60	.73	38.5	11.3	2.71	.47	.61	.75	36.2	10.6	3.09	.48	.63	.77	33.8	9.9	3.53	.49	.64	.80
	1395	660	41.5	12.2	2.40	.48	.63	.77	39.5	11.6	2.73	.49	.64	.79	37.4	11.0	3.10	.50	.66	.82	34.8	10.2	3.54	.50	.68	.85

**HEATING CAPACITY - XP15-036 with**

**[CH33-44/48B-2F + G61MPV-36B-045]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1055	500	38.2	11.2	2.64	29.6	8.7	2.40	20.3	5.9	2.16	15.0	4.4	1.91	7.3	2.1	1.43				
1235	585	38.9	11.4	2.53	30.3	8.9	2.29	21.1	6.2	2.05	15.7	4.6	1.80	8.0	2.3	1.32				
1420	670	39.7	11.6	2.45	31.0	9.1	2.22	21.8	6.4	1.97	16.4	4.8	1.72	8.8	2.6	1.24				

**HEATING CAPACITY - XP15-036 with**

**[CH33-44/48B-2F + G61MPV-36B-070]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1015	480	37.7	11.0	2.65	29.1	8.5	2.41	20.0	5.9	2.17	14.7	4.3	1.92	7.1	2.1	1.44				
1190	560	38.4	11.3	2.53	29.9	8.8	2.30	20.8	6.1	2.06	15.5	4.5	1.80	7.9	2.3	1.32				
1395	660	39.1	11.5	2.44	30.6	9.0	2.21	21.5	6.3	1.97	16.2	4.7	1.71	8.6	2.5	1.23				

**HEATING PERFORMANCE at 1235 cfm (585 L/s) Indoor Coil Air Volume XP15-036 with [CH33-44/48B-2F + G61MPV-36B-045]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.53	38.9	11.4
60	16	2.47	37.0	10.8
55	13	2.42	35.0	10.3
50	10	2.36	33.1	9.7
47	8	2.33	31.9	9.3
45	7	2.29	30.3	8.9
40	4	2.21	26.2	7.7
35	2	2.13	22.0	6.4
30	-1	2.09	21.6	6.3
25	-4	2.05	21.1	6.2
20	-7	2.02	20.6	6.0
17	-8	2.00	20.3	5.9
15	-9	1.97	19.6	5.7
10	-12	1.92	17.6	5.2
5	-15	1.80	15.7	4.6
0	-18	1.68	13.8	4.0
-5	-21	1.56	11.9	3.5
-10	-23	1.44	9.9	2.9
-15	-26	1.32	8.0	2.3
-20	-29	1.20	6.1	1.8

**HEATING PERFORMANCE at 1190 cfm (560 L/s) Indoor Coil Air Volume XP15-036 with [CH33-44/48B-2F + G61MPV-36B-070]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.53	38.4	11.3
60	16	2.47	36.5	10.7
55	13	2.42	34.6	10.1
50	10	2.36	32.7	9.6
47	8	2.33	31.5	9.2
45	7	2.30	29.9	8.8
40	4	2.21	25.8	7.6
35	2	2.13	21.7	6.4
30	-1	2.10	21.2	6.2
25	-4	2.06	20.8	6.1
20	-7	2.02	20.3	5.9
17	-8	2.00	20.0	5.9
15	-9	1.98	19.3	5.7
10	-12	1.92	17.3	5.1
5	-15	1.80	15.5	4.5
0	-18	1.68	13.6	4.0
-5	-21	1.56	11.7	3.4
-10	-23	1.44	9.8	2.9
-15	-26	1.32	7.9	2.3
-20	-29	1.20	6.0	1.8

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**HORIZONTAL INDOOR COILS WITH GAS FURNACES**

[CH33-48C-2F + G61MPV-36C-090]

**COOLING CAPACITY - XP15-036 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1020	480	34.8	10.2	2.34	.74	.87	.99	33.0	9.7	2.67	.76	.89	1.00	31.2	9.1	3.04	.78	.92	1.00	29.2	8.6	3.49	.80	.95	1.00
	1185	560	36.0	10.6	2.35	.77	.92	1.00	34.2	10.0	2.68	.79	.94	1.00	32.2	9.4	3.05	.81	.97	1.00	30.0	8.8	3.50	.84	1.00	1.00
	1395	660	37.2	10.9	2.35	.81	.97	1.00	35.4	10.4	2.67	.84	.99	1.00	33.4	9.8	3.06	.86	1.00	1.00	31.4	9.2	3.50	.89	1.00	1.00
67°F (19°C)	1020	480	37.0	10.8	2.35	.59	.72	.84	35.2	10.3	2.68	.60	.73	.86	33.2	9.7	3.06	.61	.75	.89	31.0	9.1	3.50	.63	.77	.92
	1185	560	38.0	11.1	2.36	.61	.75	.88	36.4	10.7	2.68	.62	.77	.91	34.2	10.0	3.05	.64	.79	.94	32.0	9.4	3.51	.65	.82	.97
	1395	660	39.5	11.6	2.37	.64	.79	.94	37.4	11.0	2.69	.65	.81	.96	35.2	10.3	3.06	.67	.84	.99	33.0	9.7	3.51	.69	.87	1.00
71°F (22°C)	1020	480	39.0	11.4	2.36	.46	.58	.69	37.2	10.9	2.69	.46	.59	.71	35.2	10.3	3.06	.47	.60	.73	33.0	9.7	3.49	.47	.61	.75
	1185	560	40.5	11.9	2.38	.47	.60	.73	38.5	11.3	2.69	.47	.61	.74	36.2	10.6	3.07	.48	.62	.76	34.0	10.0	3.51	.49	.64	.79
	1395	660	41.5	12.2	2.39	.48	.63	.77	39.5	11.6	2.71	.49	.64	.79	37.4	11.0	3.08	.49	.66	.81	34.8	10.2	3.52	.50	.68	.85

**HEATING CAPACITY - XP15-036 with**

[CH33-48C-2F + G61MPV-36C-090]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input		
kBtuh	kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	
1020	480	37.3	10.9	2.68	28.9	8.5	2.45	19.9	5.8	2.21	14.6	4.3	1.95	7.2	2.1	1.46				
1185	560	37.9	11.1	2.57	29.4	8.6	2.34	20.4	6.0	2.10	15.2	4.5	1.84	7.8	2.3	1.35				
1395	660	38.6	11.3	2.47	30.1	8.8	2.24	21.1	6.2	2.00	15.9	4.7	1.74	8.5	2.5	1.25				

**HEATING PERFORMANCE at 1185 cfm (560 L/s) Indoor Coil Air Volume XP15-036 with [CH33-48C-2F + G61MPV-36C-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.57	37.9	11.1
60	16	2.51	36.0	10.6
55	13	2.46	34.1	10.0
50	10	2.40	32.2	9.4
47	8	2.37	31.0	9.1
45	7	2.34	29.4	8.6
40	4	2.26	25.4	7.4
35	2	2.18	21.4	6.3
30	-1	2.14	20.9	6.1
25	-4	2.10	20.4	6.0
20	-7	2.06	20.0	5.9
17	-8	2.04	19.7	5.8
15	-9	2.02	18.9	5.5
10	-12	1.96	17.0	5.0
5	-15	1.84	15.2	4.5
0	-18	1.72	13.3	3.9
-5	-21	1.60	11.5	3.4
-10	-23	1.47	9.6	2.8
-15	-26	1.35	7.8	2.3
-20	-29	1.23	5.9	1.7

**RATINGS**

**3.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**AIR HANDLERS**

**COOLING CAPACITY - XP15-042 with**

**[CBX27UH-042] [CBX40UHV-042]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
	Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb				
	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17°C)	1200	565	40.0	11.7	2.76	.76	.90	1.00	37.6	11.0	3.15	.78	.93	1.00	35.2	10.3	3.62	.80	.96	1.00	32.6	9.6	4.18	.83	.99	1.00
	1400	660	41.0	12.0	2.78	.79	.95	1.00	38.5	11.3	3.18	.81	.98	1.00	36.2	10.6	3.65	.84	1.00	34.0	10.0	4.21	.88	1.00	1.00	
67°F (19°C)	1200	565	42.5	12.5	2.80	.59	.73	.87	40.0	11.7	3.19	.60	.75	.89	37.4	11.0	3.67	.62	.77	.93	34.6	10.1	4.24	.64	.80	.96
	1400	660	43.5	12.7	2.82	.62	.77	.92	41.0	12.0	3.23	.63	.79	.95	38.5	11.3	3.70	.65	.82	.98	35.6	10.4	4.26	.67	.85	1.00
71°F (22°C)	1200	565	44.5	13.0	2.84	.45	.58	.71	42.0	12.3	3.24	.45	.59	.73	39.5	11.6	3.72	.46	.60	.75	36.8	10.8	4.30	.46	.62	.78
	1400	660	46.0	13.5	2.88	.46	.60	.75	43.5	12.7	3.28	.46	.62	.77	40.5	11.9	3.77	.47	.63	.79	37.8	11.1	4.34	.48	.65	.83

**COOLING CAPACITY - XP15-042 with**

**[CBX27UH-048]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
	Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb				
	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17°C)	1120	530	39.0	11.4	2.75	.74	.88	1.00	37.0	10.8	3.14	.76	.91	1.00	34.6	10.1	3.61	.78	.94	1.00	32.0	9.4	4.16	.81	.98	1.00
	1400	660	41.0	12.0	2.78	.79	.95	1.00	39.0	11.4	3.18	.81	.98	1.00	36.2	10.6	3.65	.84	1.00	34.0	10.0	4.21	.88	1.00	1.00	
67°F (19°C)	1120	530	41.5	12.2	2.78	.59	.72	.85	39.5	11.6	3.19	.60	.73	.87	36.8	10.8	3.66	.61	.76	.90	34.2	10.0	4.21	.62	.78	.94
	1400	660	43.5	12.7	2.82	.62	.77	.92	41.0	12.0	3.23	.63	.79	.95	38.5	11.3	3.70	.65	.82	.98	35.6	10.4	4.26	.67	.85	1.00
71°F (22°C)	1120	530	44.0	12.9	2.83	.44	.57	.69	41.5	12.2	3.24	.45	.58	.71	39.0	11.4	3.71	.45	.59	.73	36.2	10.6	4.28	.46	.61	.76
	1400	660	46.0	13.5	2.88	.46	.60	.75	43.5	12.7	3.28	.46	.62	.77	40.5	11.9	3.77	.47	.63	.79	37.8	11.1	4.34	.48	.65	.83

**HEATING CAPACITY - XP15-042 with**

**[CBX27UH-042] [CBX40UHV-042]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil		Air Temperature Entering Outdoor Coil																	
			65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)	
	cfm	L/s	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input			
kBtuh	kW	kBtuh	kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW					
1200	565	44.0	12.9	2.96	34.1	10.0	2.75	23.4	6.9	2.51	17.5	5.1	2.30	8.5	2.5	1.70				
1400	660	44.8	13.1	2.84	34.8	10.2	2.63	24.2	7.1	2.39	18.2	5.3	2.18	9.3	2.7	1.58				

**HEATING CAPACITY - XP15-042 with**

**[CBX27UH-048]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil		Air Temperature Entering Outdoor Coil																	
			65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)	
	cfm	L/s	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input			
kBtuh	kW	kBtuh	kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW					
1120	530	43.7	12.8	3.02	33.7	9.9	2.80	23.1	6.8	2.57	17.1	5.0	2.35	8.2	2.4	1.76				
1400	660	44.8	13.1	2.84	34.9	10.2	2.63	24.2	7.1	2.39	18.2	5.3	2.18	9.3	2.7	1.58				

**HEATING PERFORMANCE at 1400 cfm (660 L/s) Indoor Coil Air Volume XP15-042 with [CBX27UH-042] [CBX40UHV-042]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.84	44.8	13.1
60	16	2.80	42.6	12.5
55	13	2.75	40.3	11.8
50	10	2.70	38.1	11.2
47	8	2.67	36.8	10.8
45	7	2.63	34.8	10.2
40	4	2.51	29.9	8.8
35	2	2.40	25.0	7.3
30	-1	2.39	24.6	7.2
25	-4	2.39	24.2	7.1
20	-7	2.39	23.8	7.0
17	-8	2.39	23.5	6.9
15	-9	2.37	22.7	6.7
10	-12	2.33	20.4	6.0
5	-15	2.18	18.2	5.3
0	-18	2.03	16.0	4.7
-5	-21	1.88	13.8	4.0
-10	-23	1.73	11.5	3.4
-15	-26	1.58	9.3	2.7
-20	-29	1.44	7.1	2.1

**HEATING PERFORMANCE at 1400 cfm (660 L/s) Indoor Coil Air Volume XP15-042 with [CBX27UH-048]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.84	44.8	13.1
60	16	2.80	42.6	12.5
55	13	2.75	40.3	11.8
50	10	2.70	38.1	11.2
47	8	2.67	36.8	10.8
45	7	2.63	34.8	10.2
40	4	2.51	29.9	8.8
35	2	2.40	25.0	7.3
30	-1	2.39	24.6	7.2
25	-4	2.39	24.2	7.1
20	-7	2.39	23.8	7.0
17	-8	2.39	23.5	6.9
15	-9	2.37	22.7	6.7
10	-12	2.33	20.4	6.0
5	-15	2.18	18.2	5.3
0	-18	2.03	16.0	4.7
-5	-21	1.88	13.8	4.0
-10	-23	1.73	11.5	3.4
-15	-26	1.58	9.3	2.7
-20	-29	1.44	7.1	2.1

**RATINGS**

**3.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**AIR HANDLERS**

**COOLING CAPACITY - XP15-042 with**

**[CBX32M-048]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	40.0	11.7	2.76	.76	.90	1.00	37.6	11.0	3.15	.77	.93	1.00	35.2	10.3	3.63	.80	.96	1.00	32.6	9.6	4.18	.83	1.00	1.00
	1400	660	41.0	12.0	2.78	.79	.95	1.00	39.0	11.4	3.18	.82	.98	1.00	36.2	10.6	3.65	.84	1.00	1.00	34.0	10.0	4.22	.88	1.00	1.00
	1600	755	42.0	12.3	2.80	.83	.99	1.00	40.0	11.7	3.20	.85	1.00	1.00	37.8	11.1	3.69	.89	1.00	1.00	35.2	10.3	4.26	.93	1.00	1.00
67°F (19°C)	1200	565	42.5	12.5	2.80	.59	.73	.87	40.0	11.7	3.19	.60	.75	.89	37.4	11.0	3.67	.62	.77	.93	34.6	10.1	4.24	.64	.80	.97
	1400	660	43.5	12.7	2.83	.62	.77	.92	41.0	12.0	3.23	.63	.79	.95	38.5	11.3	3.70	.65	.82	.98	35.6	10.4	4.27	.67	.85	1.00
	1600	755	44.5	13.0	2.85	.64	.81	.97	42.0	12.3	3.24	.65	.83	.99	39.5	11.6	3.72	.67	.86	1.00	36.4	10.7	4.28	.70	.90	1.00
71°F (22°C)	1200	565	44.5	13.0	2.84	.45	.58	.71	42.0	12.3	3.24	.45	.59	.73	39.5	11.6	3.74	.46	.60	.75	36.8	10.8	4.30	.46	.62	.78
	1400	660	46.0	13.5	2.88	.46	.60	.75	43.5	12.7	3.28	.46	.62	.77	40.5	11.9	3.77	.47	.63	.79	37.8	11.1	4.34	.48	.65	.83
	1600	755	47.0	13.8	2.91	.47	.63	.78	44.5	13.0	3.30	.47	.64	.81	41.5	12.2	3.79	.48	.66	.84	38.5	11.3	4.37	.49	.69	.88

**COOLING CAPACITY - XP15-042 with**

**[CBX32MV-048] [CBX40UHV-048]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1205	570	40.0	11.7	2.76	.76	.90	1.00	37.6	11.0	3.16	.78	.93	1.00	35.2	10.3	3.63	.80	.96	1.00	32.6	9.6	4.19	.83	1.00	1.00
	1425	675	41.0	12.0	2.79	.80	.96	1.00	39.0	11.4	3.18	.82	.98	1.00	36.4	10.7	3.65	.85	1.00	1.00	34.2	10.0	4.23	.89	1.00	1.00
	1625	765	42.5	12.5	2.81	.83	1.00	1.00	40.0	11.7	3.21	.86	1.00	1.00	37.8	11.1	3.70	.89	1.00	1.00	35.4	10.4	4.27	.93	1.00	1.00
67°F (19°C)	1205	570	42.5	12.5	2.81	.60	.73	.87	40.0	11.7	3.20	.61	.75	.89	37.4	11.0	3.68	.62	.77	.93	34.6	10.1	4.25	.64	.81	.97
	1425	675	44.0	12.9	2.83	.62	.77	.92	41.5	12.2	3.24	.63	.80	.95	38.5	11.3	3.71	.65	.82	.98	35.8	10.5	4.28	.67	.86	1.00
	1625	765	45.0	13.2	2.85	.64	.81	.97	42.0	12.3	3.25	.66	.84	.99	39.5	11.6	3.73	.68	.87	1.00	36.4	10.7	4.30	.70	.91	1.00
71°F (22°C)	1205	570	44.5	13.0	2.85	.45	.58	.71	42.0	12.3	3.25	.45	.59	.73	39.5	11.6	3.73	.46	.61	.75	36.8	10.8	4.31	.46	.62	.78
	1425	675	46.0	13.5	2.89	.46	.61	.75	43.5	12.7	3.29	.46	.62	.77	41.0	12.0	3.78	.47	.64	.80	38.0	11.1	4.35	.48	.66	.83
	1625	765	47.5	13.9	2.91	.47	.63	.79	44.5	13.0	3.31	.47	.65	.81	42.0	12.3	3.80	.48	.67	.84	38.5	11.3	4.38	.49	.69	.88

**HEATING CAPACITY - XP15-042 with**

**[CBX32M-048]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input
1200	565	45.0	13.2	2.97	34.5	10.1	2.75	23.4	6.9	2.51	16.9	5.0	2.30	8.4	2.5	1.70
1400	660	45.7	13.4	2.85	35.2	10.3	2.63	24.0	7.0	2.39	17.6	5.2	2.17	9.0	2.6	1.58
1600	755	46.3	13.6	2.76	35.8	10.5	2.55	24.6	7.2	2.31	18.2	5.3	2.09	9.6	2.8	1.50

**HEATING CAPACITY - XP15-042 with**

**[CBX32MV-048] [CBX40UHV-048]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input
1205	570	44.8	13.1	2.96	34.3	10.1	2.75	23.1	6.8	2.52	16.7	4.9	2.30	8.3	2.4	1.71
1425	675	45.4	13.3	2.83	34.9	10.2	2.62	23.7	6.9	2.39	17.2	5.0	2.17	8.9	2.6	1.58
1625	765	46.6	13.7	2.75	36.1	10.6	2.54	24.9	7.3	2.30	18.5	5.4	2.09	10.1	3.0	1.50

**HEATING PERFORMANCE at 1400 cfm (660 L/s) Indoor Coil Air Volume XP15-042 with**

**[CBX32M-048]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.85	45.7	13.4
60	16	2.80	43.3	12.7
55	13	2.75	40.9	12.0
50	10	2.71	38.6	11.3
47	8	2.68	37.2	10.9
45	7	2.63	35.2	10.3
40	4	2.51	30.2	8.9
35	2	2.40	25.3	7.4
30	-1	2.40	24.7	7.2
25	-4	2.39	24.0	7.0
20	-7	2.39	23.4	6.9
17	-8	2.39	23.0	6.7
15	-9	2.37	22.1	6.5
10	-12	2.32	19.7	5.8
5	-15	2.17	17.6	5.2
0	-18	2.03	15.4	4.5
-5	-21	1.88	13.3	3.9
-10	-23	1.73	11.2	3.3
-15	-26	1.58	9.0	2.6
-20	-29	1.43	6.9	2.0

**HEATING PERFORMANCE at 1425 cfm (675 L/s) Indoor Coil Air Volume XP15-042 with**

**[CBX32MV-048] [CBX40UHV-048]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.83	45.4	13.3
60	16	2.79	43.0	12.6
55	13	2.74	40.6	11.9
50	10	2.69	38.3	11.2
47	8	2.66	36.9	10.8
45	7	2.62	34.9	10.2
40	4	2.50	30.0	8.8
35	2	2.39	25.0	7.3
30	-1	2.39	24.4	7.2
25	-4	2.39	23.7	6.9
20	-7	2.38	23.0	6.7
17	-8	2.38	22.6	6.6
15	-9	2.36	21.7	6.4
10	-12	2.32	19.3	5.7
5	-15	2.17	17.2	5.0
0	-18	2.02	15.1	4.4
-5	-21	1.87	13.1	3.8
-10	-23	1.73	11.0	3.2
-15	-26	1.58	8.9	2.6
-20	-29	1.43	6.8	2.0

**RATINGS**

**3.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**  
**[CX34-38B-6F + G60UHV-36B-090]**

**COOLING CAPACITY - XP15-042 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1225	580	39.5	11.6	2.77	.76	.91	1.00	37.4	11.0	3.16	.78	.93	1.00	35.0	10.3	3.64	.81	.97	1.00	32.4	9.5	4.20	.84	1.00	1.00
	1385	655	40.5	11.9	2.78	.79	.95	1.00	38.5	11.3	3.18	.82	.98	1.00	35.8	10.5	3.66	.84	1.00	1.00	33.6	9.8	4.23	.88	1.00	1.00
67°F (19°C)	1225	580	42.0	12.3	2.81	.61	.74	.87	39.5	11.6	3.21	.62	.76	.90	37.2	10.9	3.68	.63	.78	.93	34.6	10.1	4.26	.65	.81	.97
	1385	655	43.0	12.6	2.83	.62	.77	.91	41.0	12.0	3.23	.64	.79	.94	38.0	11.1	3.72	.65	.82	.98	35.4	10.4	4.28	.67	.85	1.00
71°F (22°C)	1225	580	44.5	13.0	2.86	.46	.59	.71	42.0	12.3	3.26	.47	.60	.73	39.5	11.6	3.75	.47	.62	.76	36.8	10.8	4.32	.48	.64	.79
	1385	655	45.5	13.3	2.88	.47	.61	.74	43.0	12.6	3.29	.48	.62	.77	40.5	11.9	3.78	.48	.64	.79	37.6	11.0	4.36	.49	.66	.83

**COOLING CAPACITY - XP15-042 with**

**[CX34-43B-6F + G60UHV-36B-090]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1225	580	40.0	11.7	2.77	.76	.90	1.00	37.8	11.1	3.15	.78	.93	1.00	35.4	10.4	3.62	.80	.96	1.00	32.8	9.6	4.19	.84	1.00	1.00
	1385	655	41.0	12.0	2.78	.79	.94	1.00	38.5	11.3	3.18	.81	.97	1.00	36.2	10.6	3.65	.84	1.00	1.00	33.8	9.9	4.23	.87	1.00	1.00
67°F (19°C)	1225	580	42.5	12.5	2.81	.61	.74	.87	40.0	11.7	3.21	.62	.76	.89	37.6	11.0	3.69	.63	.78	.93	35.0	10.3	4.26	.65	.81	.97
	1385	655	43.5	12.7	2.83	.63	.77	.91	41.0	12.0	3.23	.64	.79	.94	38.5	11.3	3.71	.65	.82	.97	35.8	10.5	4.28	.67	.85	1.00
71°F (22°C)	1225	580	45.0	13.2	2.86	.47	.59	.71	42.5	12.5	3.26	.47	.60	.73	40.0	11.7	3.75	.48	.62	.75	37.2	10.9	4.33	.48	.63	.78
	1385	655	46.0	13.5	2.88	.47	.61	.74	43.5	12.7	3.28	.48	.62	.77	41.0	12.0	3.78	.49	.64	.79	38.0	11.1	4.34	.49	.66	.82

**HEATING CAPACITY - XP15-042 with**

**[CX34-38B-6F + G60UHV-36B-090]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
kBtuh	kW	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW				
1225	580	43.6	12.8	3.30	33.5	9.8	3.00	22.8	6.7	2.68	16.5	4.8	2.42	8.2	2.4	1.80
1385	655	44.3	13.0	3.20	34.2	10.0	2.90	23.4	6.9	2.58	17.2	5.0	2.32	8.8	2.6	1.70

**HEATING CAPACITY - XP15-042 with**

**[CX34-43B-6F + G60UHV-36B-090]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
kBtuh	kW	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW				
1225	580	43.6	12.8	3.30	33.5	9.8	3.00	22.7	6.7	2.69	16.5	4.8	2.42	8.2	2.4	1.80
1385	655	44.2	13.0	3.20	34.1	10.0	2.90	23.4	6.9	2.58	17.1	5.0	2.31	8.8	2.6	1.69

**HEATING PERFORMANCE at 1385 cfm (655 L/s) Indoor Coil Air Volume XP15-042 with [CX34-38B-6F + G60UHV-36B-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.20	44.3	13.0
60	16	3.14	42.0	12.3
55	13	3.07	39.7	11.6
50	10	3.01	37.5	11.0
47	8	2.97	36.1	10.6
45	7	2.90	34.2	10.0
40	4	2.75	29.4	8.6
35	2	2.60	24.7	7.2
30	-1	2.59	24.1	7.1
25	-4	2.58	23.4	6.9
20	-7	2.57	22.8	6.7
17	-8	2.57	22.4	6.6
15	-9	2.54	21.5	6.3
10	-12	2.48	19.3	5.7
5	-15	2.32	17.2	5.0
0	-18	2.16	15.1	4.4
-5	-21	2.01	13.0	3.8
-10	-23	1.85	10.9	3.2
-15	-26	1.70	8.8	2.6
-20	-29	1.54	6.7	2.0

**HEATING PERFORMANCE at 1385 cfm (655 L/s) Indoor Coil Air Volume XP15-042 with [CX34-43B-6F + G60UHV-36B-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.20	44.2	13.0
60	16	3.13	41.9	12.3
55	13	3.06	39.7	11.6
50	10	3.00	37.4	11.0
47	8	2.96	36.0	10.6
45	7	2.90	34.1	10.0
40	4	2.75	29.4	8.6
35	2	2.61	24.6	7.2
30	-1	2.59	24.0	7.0
25	-4	2.58	23.4	6.9
20	-7	2.57	22.8	6.7
17	-8	2.56	22.4	6.6
15	-9	2.54	21.5	6.3
10	-12	2.47	19.2	5.6
5	-15	2.31	17.1	5.0
0	-18	2.16	15.1	4.4
-5	-21	2.00	13.0	3.8
-10	-23	1.85	10.9	3.2
-15	-26	1.69	8.8	2.6
-20	-29	1.54	6.7	2.0

**RATINGS**

**3.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**  
**[CX34-43C-6F + G60UHV-60C-090]**

**COOLING CAPACITY - XP15-042 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17°C)	1355	640	40.5	11.9	2.77	.78	.93	1.00	38.5	11.3	3.17	.80	.96	1.00	36.0	10.6	3.64	.83	.99	1.00	33.6	9.8	4.21	.86	1.00	1.00
	1520	715	42.0	12.3	2.79	.81	.97	1.00	39.5	11.6	3.18	.84	1.00	1.00	37.0	10.8	3.67	.87	1.00	1.00	34.8	10.2	4.24	.90	1.00	1.00
67°F (19°C)	1355	640	43.5	12.7	2.82	.62	.76	.90	41.0	12.0	3.22	.63	.78	.93	38.5	11.3	3.69	.65	.80	.96	35.6	10.4	4.26	.66	.84	1.00
	1520	715	44.5	13.0	2.84	.64	.79	.94	42.0	12.3	3.24	.65	.81	.97	39.0	11.4	3.72	.67	.84	1.00	36.2	10.6	4.29	.69	.88	1.00
71°F (22°C)	1355	640	46.0	13.5	2.87	.47	.60	.74	43.5	12.7	3.28	.48	.62	.76	40.5	11.9	3.76	.48	.63	.78	37.8	11.1	4.33	.49	.65	.81
	1520	715	46.5	13.6	2.89	.48	.63	.77	44.0	12.9	3.30	.49	.64	.79	41.5	12.2	3.78	.49	.66	.82	38.5	11.3	4.35	.50	.68	.85

**COOLING CAPACITY - XP15-042 with**

**[CX34-43C-6F + G60UHV-60C-110]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17°C)	1295	610	40.5	11.9	2.76	.77	.92	1.00	38.0	11.1	3.15	.79	.95	1.00	35.6	10.4	3.63	.82	.98	1.00	33.2	9.7	4.18	.85	1.00	1.00
	1395	660	41.0	12.0	2.77	.79	.94	1.00	38.5	11.3	3.16	.81	.97	1.00	36.2	10.6	3.63	.84	1.00	1.00	34.0	10.0	4.21	.88	1.00	1.00
	1600	755	42.0	12.3	2.79	.83	.99	1.00	40.0	11.7	3.18	.85	1.00	1.00	37.6	11.0	3.68	.88	1.00	1.00	35.4	10.4	4.25	.92	1.00	1.00
67°F (19°C)	1295	610	43.0	12.6	2.80	.61	.75	.88	40.5	11.9	3.20	.62	.77	.91	38.0	11.1	3.69	.64	.79	.95	35.2	10.3	4.25	.65	.82	.98
	1395	660	43.5	12.7	2.82	.63	.77	.91	41.0	12.0	3.22	.64	.79	.94	38.5	11.3	3.70	.65	.82	.97	35.8	10.5	4.27	.67	.85	1.00
	1600	755	44.5	13.0	2.84	.65	.80	.95	42.0	12.3	3.24	.66	.83	.98	39.5	11.6	3.71	.68	.86	1.00	36.6	10.7	4.28	.70	.90	1.00
71°F (22°C)	1295	610	45.5	13.3	2.85	.47	.60	.72	43.0	12.6	3.26	.47	.61	.74	40.5	11.9	3.74	.48	.62	.77	37.4	11.0	4.32	.48	.64	.80
	1395	660	46.0	13.5	2.87	.47	.61	.74	43.5	12.7	3.27	.48	.62	.77	41.0	12.0	3.77	.49	.64	.79	38.0	11.1	4.33	.49	.66	.82
	1600	755	47.0	13.8	2.90	.48	.63	.78	44.5	13.0	3.30	.49	.65	.80	42.0	12.3	3.78	.50	.67	.83	39.0	11.4	4.36	.51	.69	.87

**HEATING CAPACITY - XP15-042 with**

**[CX34-43C-6F + G60UHV-60C-090]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-26°C)						
		Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input					
cfm	L/s	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	
1355	640	43.8	12.8	3.21	33.8	9.9	2.91	23.1	6.8	2.59	16.8	4.9	2.32	8.7	2.5	1.69
		1520	715	44.4	13.0	3.12	34.4	10.1	2.82	23.7	6.9	2.50	17.5	5.1	2.23	9.3

**HEATING CAPACITY - XP15-042 with**

**[CX34-43C-6F + G60UHV-60C-110]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil																
		65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-26°C)								
		Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input							
cfm	L/s	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW			
1295	610	43.7	12.8	3.24	33.6	9.8	2.96	22.8	6.7	2.65	16.6	4.9	2.39	8.3	2.4	1.77		
		1395	660	44.1	12.9	3.18	34.1	10.0	2.89	23.3	6.8	2.58	17.1	5.0	2.33	8.8	2.6	1.70
		1600	755	44.8	13.1	3.07	34.7	10.2	2.79	24.0	7.0	2.48	17.7	5.2	2.22	9.4	2.8	1.60

**HEATING PERFORMANCE at 1355 cfm (640 L/s) Indoor Coil Air Volume XP15-042 with [CX34-43C-6F + G60UHV-60C-090]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kBtuh	kW	kBtuh	kW
65	18	3.21	43.8	12.8	
60	16	3.14	41.6	12.2	
55	13	3.08	39.3	11.5	
50	10	3.01	37.0	10.8	
47	8	2.97	35.7	10.5	
45	7	2.91	33.8	9.9	
40	4	2.76	29.0	8.5	
35	2	2.61	24.3	7.1	
30	-1	2.60	23.7	6.9	
25	-4	2.59	23.1	6.8	
20	-7	2.57	22.4	6.6	
17	-8	2.56	22.1	6.5	
15	-9	2.54	21.2	6.2	
10	-12	2.47	18.9	5.5	
5	-15	2.32	16.8	4.9	
0	-18	2.16	14.8	4.3	
-5	-21	2.00	12.8	3.8	
-10	-23	1.85	10.7	3.1	
-15	-26	1.69	8.7	2.5	
-20	-29	1.54	6.6	1.9	

**HEATING PERFORMANCE at 1395 cfm (660 L/s) Indoor Coil Air Volume XP15-042 with [CX34-43C-6F + G60UHV-60C-110]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kBtuh	kW	kBtuh	kW
65	18	3.18	44.1	12.9	
60	16	3.11	41.9	12.3	
55	13	3.05	39.6	11.6	
50	10	2.99	37.3	10.9	
47	8	2.95	36.0	10.6	
45	7	2.89	34.1	10.0	
40	4	2.75	29.3	8.6	
35	2	2.60	24.6	7.2	
30	-1	2.59	23.9	7.0	
25	-4	2.58	23.3	6.8	
20	-7	2.58	22.7	6.7	
17	-8	2.57	22.3	6.5	
15	-9	2.55	21.4	6.3	
10	-12	2.48	19.2	5.6	
5	-15	2.33	17.1	5.0	
0	-18	2.17	15.0	4.4	
-5	-21	2.01	12.9	3.8	
-10	-23	1.86	10.9	3.2	
-15	-26	1.70	8.8	2.6	
-20	-29	1.54	6.7	2.0	

**RATINGS**

**3.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**  
**[CX34-43C-6F + G61MPV-36C-090]**

**COOLING CAPACITY - XP15-042 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1185	560	39.5	11.6	2.76	.76	.89	1.00	37.4	11.0	3.15	.77	.92	1.00	35.2	10.3	3.62	.80	.95	1.00	32.4	9.5	4.17	.82	.99	1.00
	1395	660	41.0	12.0	2.77	.79	.94	1.00	39.0	11.4	3.16	.82	.97	1.00	36.4	10.7	3.63	.84	1.00	1.00	34.0	10.0	4.21	.88	1.00	1.00
67°F (19°C)	1185	560	42.0	12.3	2.79	.60	.73	.86	40.0	11.7	3.19	.61	.75	.88	37.4	11.0	3.67	.62	.77	.91	34.8	10.2	4.23	.64	.80	.95
	1395	660	43.5	12.7	2.82	.63	.77	.91	41.0	12.0	3.22	.64	.79	.94	38.5	11.3	3.70	.65	.82	.97	35.8	10.5	4.27	.67	.85	1.00
71°F (22°C)	1185	560	44.5	13.0	2.84	.46	.59	.71	42.0	12.3	3.23	.47	.60	.72	39.5	11.6	3.71	.47	.61	.75	36.8	10.8	4.30	.48	.63	.77
	1395	660	46.0	13.5	2.87	.48	.61	.74	43.5	12.7	3.27	.48	.63	.77	41.0	12.0	3.77	.49	.64	.79	38.0	11.1	4.34	.49	.66	.82

**COOLING CAPACITY - XP15-042 with**

**[CX34-43C-6F + G61MPV-60C-090]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1275	600	40.5	11.9	2.76	.77	.91	1.00	38.0	11.1	3.16	.79	.94	1.00	35.6	10.4	3.64	.82	.97	1.00	33.0	9.7	4.19	.85	1.00	1.00
	1380	650	41.0	12.0	2.78	.79	.94	1.00	38.5	11.3	3.18	.81	.97	1.00	36.2	10.6	3.65	.84	1.00	1.00	33.8	9.9	4.22	.87	1.00	1.00
	1590	750	42.5	12.5	2.80	.83	.99	1.00	40.0	11.7	3.20	.86	1.00	1.00	37.8	11.1	3.69	.89	1.00	1.00	35.4	10.4	4.26	.93	1.00	1.00
67°F (19°C)	1275	600	43.0	12.6	2.81	.61	.75	.88	40.5	11.9	3.21	.62	.77	.91	38.0	11.1	3.69	.64	.79	.94	35.2	10.3	4.26	.65	.82	.98
	1380	650	43.5	12.7	2.82	.62	.77	.90	41.0	12.0	3.23	.64	.79	.93	38.5	11.3	3.71	.65	.81	.97	35.8	10.5	4.27	.67	.85	1.00
	1590	750	44.5	13.0	2.85	.65	.81	.96	42.0	12.3	3.25	.67	.83	.99	39.5	11.6	3.73	.69	.86	1.00	36.6	10.7	4.31	.71	.90	1.00
71°F (22°C)	1275	600	45.0	13.2	2.86	.47	.60	.72	42.5	12.5	3.27	.47	.61	.74	40.0	11.7	3.75	.48	.62	.76	37.4	11.0	4.33	.48	.64	.79
	1380	650	46.0	13.5	2.88	.47	.61	.74	43.5	12.7	3.28	.48	.62	.76	41.0	12.0	3.78	.49	.64	.79	38.0	11.1	4.34	.49	.66	.82
	1590	750	47.5	13.9	2.91	.49	.64	.78	44.5	13.0	3.31	.50	.65	.81	42.0	12.3	3.79	.51	.67	.84	39.0	11.4	4.37	.51	.70	.88

**HEATING CAPACITY - XP15-042 with**

**[CX34-43C-6F + G61MPV-36C-090]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	cfm	L/s	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input		
1185	560	43.3	12.7	3.32	33.2	9.7	3.03	22.5	6.6	2.71	16.3	4.8	2.44	7.9	2.3	1.82
		1395	660	44.2	13.0	3.19	34.2	10.0	2.89	23.4	6.9	2.58	17.2	5.0	2.31	8.8

**HEATING CAPACITY - XP15-042 with**

**[CX34-43C-6F + G61MPV-60C-090]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																	
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)					
	cfm	L/s	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input				
1275	600	43.7	12.8	3.27	33.6	9.8	2.97	22.9	6.7	2.65	16.6	4.9	2.38	8.3	2.4	1.76		
		1380	650	44.1	12.9	3.20	34.0	10.0	2.90	23.3	6.8	2.58	17.0	5.0	2.31	8.8	2.6	1.69
		1590	750	45.3	13.3	3.10	35.2	10.3	2.80	24.4	7.2	2.48	18.2	5.3	2.22	9.9	2.9	1.60

**HEATING PERFORMANCE at 1395 cfm (660 L/s) Indoor Coil Air Volume XP15-042 with [CX34-43C-6F + G61MPV-36C-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.19	44.2	13.0
60	16	3.12	42.0	12.3
55	13	3.06	39.7	11.6
50	10	2.99	37.4	11.0
47	8	2.95	36.1	10.6
45	7	2.89	34.2	10.0
40	4	2.75	29.4	8.6
35	2	2.60	24.6	7.2
30	-1	2.59	24.0	7.0
25	-4	2.58	23.4	6.9
20	-7	2.57	22.8	6.7
17	-8	2.56	22.4	6.6
15	-9	2.53	21.5	6.3
10	-12	2.47	19.3	5.7
5	-15	2.31	17.2	5.0
0	-18	2.16	15.1	4.4
-5	-21	2.00	13.0	3.8
-10	-23	1.85	10.9	3.2
-15	-26	1.69	8.8	2.6
-20	-29	1.54	6.7	2.0

**HEATING PERFORMANCE at 1380 cfm (650 L/s) Indoor Coil Air Volume XP15-042 with [CX34-43C-6F + G61MPV-60C-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.20	44.1	12.9
60	16	3.13	41.8	12.3
55	13	3.07	39.6	11.6
50	10	3.00	37.3	10.9
47	8	2.96	35.9	10.5
45	7	2.90	34.0	10.0
40	4	2.75	29.3	8.6
35	2	2.61	24.5	7.2
30	-1	2.59	23.9	7.0
25	-4	2.58	23.3	6.8
20	-7	2.57	22.7	6.7
17	-8	2.56	22.3	6.5
15	-9	2.53	21.4	6.3
10	-12	2.47	19.1	5.6
5	-15	2.31	17.0	5.0
0	-18	2.16	15.0	4.4
-5	-21	2.00	12.9	3.8
-10	-23	1.85	10.8	3.2
-15	-26	1.69	8.8	2.6
-20	-29	1.54	6.7	2.0



**RATINGS**

**3.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**  
**[CX34-43C-6F + G61MPV-60C-110]**

**COOLING CAPACITY - XP15-042 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1290	610	40.5	11.9	2.77	.77	.92	1.00	38.0	11.1	3.16	.79	.95	1.00	35.8	10.5	3.64	.82	.98	1.00	33.2	9.7	4.20	.85	1.00	1.00
	1405	665	41.0	12.0	2.78	.79	.94	1.00	39.0	11.4	3.17	.82	.97	1.00	36.4	10.7	3.65	.84	1.00	1.00	34.0	10.0	4.22	.88	1.00	1.00
	1605	760	42.5	12.5	2.80	.83	.99	1.00	40.0	11.7	3.20	.86	1.00	1.00	37.8	11.1	3.69	.89	1.00	1.00	35.4	10.4	4.26	.93	1.00	1.00
67°F (19°C)	1290	610	43.0	12.6	2.81	.61	.75	.88	40.5	11.9	3.21	.62	.77	.91	38.0	11.1	3.70	.64	.79	.94	35.2	10.3	4.26	.65	.82	.98
	1405	665	43.5	12.7	2.83	.63	.77	.91	41.0	12.0	3.23	.64	.79	.94	38.5	11.3	3.71	.65	.82	.97	35.8	10.5	4.28	.67	.85	1.00
	1605	760	45.0	13.2	2.85	.65	.81	.96	42.5	12.5	3.25	.67	.84	.99	39.5	11.6	3.73	.69	.87	1.00	36.6	10.7	4.31	.71	.90	1.00
71°F (22°C)	1290	610	45.5	13.3	2.86	.47	.60	.72	43.0	12.6	3.27	.47	.61	.74	40.5	11.9	3.75	.48	.63	.77	37.4	11.0	4.34	.48	.64	.80
	1405	665	46.0	13.5	2.88	.47	.61	.75	43.5	12.7	3.28	.48	.63	.77	41.0	12.0	3.78	.49	.64	.79	38.0	11.1	4.34	.49	.66	.82
	1605	760	47.5	13.9	2.91	.49	.64	.79	44.5	13.0	3.31	.50	.66	.81	42.0	12.3	3.79	.51	.68	.84	39.0	11.4	4.38	.52	.70	.88

**COOLING CAPACITY - XP15-042 with**

**[CX34-44/48B-6F + G60UHV-36B-090]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1225	580	39.5	11.6	2.76	.75	.89	1.00	37.2	10.9	3.16	.77	.92	1.00	34.8	10.2	3.63	.80	.95	1.00	32.2	9.4	4.19	.83	.99	1.00
	1385	655	40.5	11.9	2.77	.78	.93	1.00	38.0	11.1	3.17	.80	.96	1.00	35.8	10.5	3.65	.83	.99	1.00	33.2	9.7	4.21	.86	1.00	1.00
	1605	760	42.0	12.3	2.80	.80	.96	1.00	39.5	11.6	3.19	.81	.97	1.00	37.2	10.9	3.68	.82	.97	1.00	34.4	10.1	4.25	.86	.99	1.00
67°F (19°C)	1225	580	42.0	12.3	2.80	.60	.73	.86	39.5	11.6	3.19	.61	.75	.88	37.2	10.9	3.68	.62	.77	.91	34.4	10.1	4.25	.64	.80	.95
	1385	655	43.0	12.6	2.82	.62	.76	.89	40.5	11.9	3.22	.63	.78	.92	38.0	11.1	3.71	.64	.80	.96	35.2	10.3	4.27	.66	.83	.99
	1605	760	44.0	12.9	2.84	.66	.80	.92	42.0	12.3	3.24	.66	.81	.94	39.5	11.6	3.74	.67	.83	.97	36.6	10.7	4.31	.68	.85	1.00
71°F (22°C)	1225	580	44.0	12.9	2.84	.46	.58	.70	42.0	12.3	3.24	.46	.59	.72	39.5	11.6	3.74	.47	.61	.74	36.6	10.7	4.31	.48	.63	.77
	1385	655	45.5	13.3	2.87	.47	.60	.73	43.0	12.6	3.28	.47	.61	.75	40.5	11.9	3.77	.48	.63	.78	37.4	11.0	4.35	.49	.65	.81
	1605	760	47.5	13.9	2.91	.49	.64	.79	44.5	13.0	3.31	.49	.64	.79	42.0	12.3	3.79	.51	.68	.84	39.0	11.4	4.38	.52	.70	.88

**HEATING CAPACITY - XP15-042 with**

**[CX34-43C-6F + G61MPV-60C-110]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Volume		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb
kBtuh	kW	kBtuh	kW			kBtuh			kW			kBtuh			kW		
1290	610	43.7	12.8	3.25	33.6	9.8	2.96	22.9	6.7	2.65	16.6	4.9	2.38	8.3	2.4	1.76	
1405	665	44.1	12.9	3.18	34.0	10.0	2.89	23.3	6.8	2.57	17.1	5.0	2.31	8.8	2.6	1.69	
1605	760	45.3	13.3	3.09	35.2	10.3	2.80	24.4	7.2	2.48	18.2	5.3	2.22	9.9	2.9	1.60	

**HEATING CAPACITY - XP15-042 with**

**[CX34-44/48B-6F + G60UHV-36B-090]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Volume		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb
kBtuh	kW	kBtuh	kW			kBtuh			kW			kBtuh			kW		
1225	580	43.6	12.8	3.30	33.5	9.8	3.00	22.8	6.7	2.68	16.5	4.8	2.42	8.2	2.4	1.80	
1385	655	44.3	13.0	3.20	34.2	10.0	2.90	23.4	6.9	2.58	17.2	5.0	2.32	8.8	2.6	1.70	

**HEATING PERFORMANCE at 1405 cfm (665 L/s) Indoor Coil Air Volume XP15-042 with [CX34-43C-6F + G61MPV-60C-110]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.18	44.1	12.9
60	16	3.11	41.9	12.3
55	13	3.05	39.6	11.6
50	10	2.98	37.3	10.9
47	8	2.94	36.0	10.6
45	7	2.89	34.0	10.0
40	4	2.74	29.3	8.6
35	2	2.59	24.5	7.2
30	-1	2.58	23.9	7.0
25	-4	2.57	23.3	6.8
20	-7	2.56	22.7	6.7
17	-8	2.55	22.3	6.5
15	-9	2.53	21.4	6.3
10	-12	2.46	19.1	5.6
5	-15	2.31	17.1	5.0
0	-18	2.15	15.0	4.4
-5	-21	2.00	12.9	3.8
-10	-23	1.84	10.8	3.2
-15	-26	1.69	8.8	2.6
-20	-29	1.53	6.7	2.0

**HEATING PERFORMANCE at 1385 cfm (655 L/s) Indoor Coil Air Volume XP15-042 with [CX34-44/48B-6F + G60UHV-36B-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.20	44.3	13.0
60	16	3.14	42.0	12.3
55	13	3.07	39.7	11.6
50	10	3.01	37.5	11.0
47	8	2.97	36.1	10.6
45	7	2.90	34.2	10.0
40	4	2.75	29.4	8.6
35	2	2.60	24.7	7.2
30	-1	2.59	24.1	7.1
25	-4	2.58	23.4	6.9
20	-7	2.57	22.8	6.7
17	-8	2.57	22.4	6.6
15	-9	2.54	21.5	6.3
10	-12	2.48	19.3	5.7
5	-15	2.32	17.2	5.0
0	-18	2.16	15.1	4.4
-5	-21	2.01	13.0	3.8
-10	-23	1.85	10.9	3.2
-15	-26	1.70	8.8	2.6
-20	-29	1.54	6.7	2.0

**RATINGS**

**3.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**  
[C33-44C + G60UHV-60C-090]

**COOLING CAPACITY - XP15-042 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1355	640	40.0	11.7	2.76	.78	.92	1.00	37.6	11.0	3.16	.80	.95	1.00	35.2	10.3	3.63	.82	.98	1.00	32.8	9.6	4.18	.86	1.00	1.00
	1520	715	41.0	12.0	2.77	.80	.96	1.00	38.5	11.3	3.17	.83	.99	1.00	36.2	10.6	3.64	.86	1.00	1.00	33.8	9.9	4.21	.89	1.00	1.00
67°F (19°C)	1355	640	42.5	12.5	2.80	.61	.75	.89	40.0	11.7	3.20	.62	.77	.92	37.6	11.0	3.68	.64	.80	.95	34.8	10.2	4.25	.66	.83	.99
	1520	715	43.5	12.7	2.82	.63	.78	.93	41.0	12.0	3.22	.64	.80	.96	38.5	11.3	3.69	.66	.83	.99	35.6	10.4	4.26	.68	.87	1.00
71°F (22°C)	1355	640	45.0	13.2	2.85	.46	.60	.73	42.5	12.5	3.25	.47	.61	.75	40.0	11.7	3.73	.48	.63	.77	37.0	10.8	4.31	.48	.65	.80
	1520	715	46.0	13.5	2.87	.47	.62	.76	43.5	12.7	3.27	.48	.63	.78	40.5	11.9	3.76	.49	.65	.81	37.8	11.1	4.33	.50	.67	.84

**COOLING CAPACITY - XP15-042 with**

[C33-44C + G60UHV-60C-110]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1295	610	39.5	11.6	2.75	.77	.91	1.00	37.4	11.0	3.14	.78	.94	1.00	35.0	10.3	3.62	.81	.97	1.00	32.4	9.5	4.17	.84	1.00	1.00
	1395	660	40.0	11.7	2.78	.78	.93	1.00	38.0	11.1	3.15	.81	.96	1.00	35.4	10.4	3.63	.83	.99	1.00	33.0	9.7	4.19	.87	1.00	1.00
	1600	755	41.5	12.2	2.77	.82	.98	1.00	39.0	11.4	3.17	.84	1.00	1.00	36.6	10.7	3.65	.87	1.00	1.00	34.2	10.0	4.23	.91	1.00	1.00
67°F (19°C)	1295	610	42.0	12.3	2.79	.61	.74	.87	39.5	11.6	3.19	.62	.76	.90	37.2	10.9	3.66	.63	.78	.93	34.4	10.1	4.23	.65	.82	.97
	1395	660	43.0	12.6	2.81	.62	.76	.90	40.5	11.9	3.20	.63	.78	.93	37.8	11.1	3.68	.65	.81	.96	35.0	10.3	4.24	.67	.84	1.00
	1600	755	44.0	12.9	2.83	.64	.79	.95	41.5	12.2	3.22	.65	.82	.97	38.5	11.3	3.71	.67	.85	1.00	35.8	10.5	4.27	.69	.88	1.00
71°F (22°C)	1295	610	44.5	13.0	2.84	.46	.59	.71	42.0	12.3	3.24	.47	.60	.73	39.5	11.6	3.73	.47	.62	.76	36.8	10.8	4.30	.48	.64	.79
	1395	660	45.0	13.2	2.86	.47	.60	.73	42.5	12.5	3.26	.47	.62	.76	40.0	11.7	3.74	.48	.63	.78	37.2	10.9	4.32	.49	.65	.81
	1600	755	46.5	13.6	2.88	.48	.62	.77	44.0	12.9	3.29	.48	.64	.79	41.0	12.0	3.77	.49	.66	.82	38.0	11.1	4.33	.50	.68	.86

**HEATING CAPACITY - XP15-042 with**

[C33-44C + G60UHV-60C-090]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	cfm	L/s	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input		
1355	640	43.8	12.8	3.24	33.8	9.9	2.93	23.1	6.8	2.60	16.9	5.0	2.32	8.7	2.5	1.70
		1520	715	44.5	13.0	3.15	34.5	10.1	2.83	23.8	7.0	2.50	17.6	5.2	2.23	9.4

**HEATING CAPACITY - XP15-042 with**

[C33-44C + G60UHV-60C-110]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	cfm	L/s	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input		
1295	610	43.6	12.8	3.27	33.5	9.8	2.96	22.8	6.7	2.64	16.6	4.9	2.37	8.3	2.4	1.75
1395	660	44.1	12.9	3.21	34.0	10.0	2.91	23.3	6.8	2.58	17.1	5.0	2.31	8.8	2.6	1.69
1600	755	44.7	13.1	3.10	34.7	10.2	2.80	23.9	7.0	2.47	17.7	5.2	2.20	9.4	2.8	1.58

**HEATING PERFORMANCE at 1355 cfm (640 L/s) Indoor Coil Air Volume XP15-042 with** [C33-44C + G60UHV-60C-090]

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.24	43.8	12.8
60	16	3.17	41.6	12.2
55	13	3.10	39.3	11.5
50	10	3.03	37.1	10.9
47	8	2.99	35.7	10.5
45	7	2.93	33.8	9.9
40	4	2.78	29.1	8.5
35	2	2.62	24.4	7.2
30	-1	2.61	23.8	7.0
25	-4	2.60	23.1	6.8
20	-7	2.58	22.5	6.6
17	-8	2.58	22.2	6.5
15	-9	2.55	21.3	6.2
10	-12	2.48	19.0	5.6
5	-15	2.32	16.9	5.0
0	-18	2.17	14.9	4.4
-5	-21	2.01	12.8	3.8
-10	-23	1.86	10.8	3.2
-15	-26	1.70	8.7	2.5
-20	-29	1.55	6.6	1.9

**HEATING PERFORMANCE at 1395 cfm (660 L/s) Indoor Coil Air Volume XP15-042 with** [C33-44C + G60UHV-60C-110]

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.21	44.1	12.9
60	16	3.15	41.8	12.3
55	13	3.08	39.6	11.6
50	10	3.01	37.3	10.9
47	8	2.97	35.9	10.5
45	7	2.91	34.0	10.0
40	4	2.76	29.3	8.6
35	2	2.61	24.5	7.2
30	-1	2.60	23.9	7.0
25	-4	2.58	23.3	6.8
20	-7	2.57	22.7	6.7
17	-8	2.56	22.3	6.5
15	-9	2.54	21.4	6.3
10	-12	2.47	19.1	5.6
5	-15	2.31	17.1	5.0
0	-18	2.16	15.0	4.4
-5	-21	2.00	12.9	3.8
-10	-23	1.85	10.8	3.2
-15	-26	1.69	8.8	2.6
-20	-29	1.54	6.7	2.0

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**

[C33-44C-6F + G61MPV-60C-110]

**COOLING CAPACITY - XP15-042 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1290	610	39.5	11.6	2.76	.77	.91	1.00	37.4	11.0	3.15	.79	.94	1.00	35.0	10.3	3.63	.81	.97	1.00	32.4	9.5	4.18	.84	1.00	1.00
	1405	665	40.5	11.9	2.77	.79	.94	1.00	38.0	11.1	3.16	.81	.97	1.00	35.6	10.4	3.64	.83	.99	1.00	33.0	9.7	4.20	.87	1.00	1.00
	1605	760	41.5	12.2	2.79	.82	.98	1.00	39.0	11.4	3.18	.85	1.00	1.00	36.8	10.8	3.66	.88	1.00	1.00	34.6	10.1	4.24	.92	1.00	1.00
67°F (19°C)	1290	610	42.0	12.3	2.80	.61	.74	.87	39.5	11.6	3.19	.62	.76	.90	37.2	10.9	3.67	.63	.78	.94	34.4	10.1	4.25	.65	.82	.97
	1405	665	43.0	12.6	2.82	.62	.76	.90	40.5	11.9	3.20	.63	.78	.93	37.8	11.1	3.70	.65	.81	.97	35.0	10.3	4.25	.67	.84	1.00
	1605	760	44.0	12.9	2.84	.64	.80	.95	41.5	12.2	3.23	.66	.82	.98	39.0	11.4	3.72	.68	.85	1.00	36.0	10.6	4.29	.70	.89	1.00
71°F (22°C)	1290	610	44.5	13.0	2.85	.46	.59	.72	42.0	12.3	3.24	.47	.60	.74	39.5	11.6	3.74	.47	.62	.76	36.8	10.8	4.31	.48	.64	.79
	1405	665	45.5	13.3	2.87	.47	.60	.74	43.0	12.6	3.27	.47	.62	.76	40.0	11.7	3.75	.48	.63	.78	37.2	10.9	4.33	.49	.66	.82
	1605	760	46.5	13.6	2.89	.48	.63	.77	44.0	12.9	3.30	.49	.65	.80	41.0	12.0	3.78	.50	.67	.83	38.0	11.1	4.35	.51	.69	.87

**HEATING CAPACITY - XP15-042 with**

[C33-44C-6F + G61MPV-60C-110]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input					
kBtuh	kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW				
1290	610	43.7	12.8	3.27	33.6	9.8	2.97	22.9	6.7	2.65	16.7	4.9	2.38	8.3	2.4	1.76				
1405	665	44.2	13.0	3.21	34.1	10.0	2.91	23.4	6.9	2.58	17.1	5.0	2.31	8.8	2.6	1.69				
1605	760	45.3	13.3	3.11	35.2	10.3	2.81	24.5	7.2	2.48	18.2	5.3	2.22	9.9	2.9	1.60				

**HEATING PERFORMANCE at 1405 cfm (665 L/s) Indoor Coil Air Volume XP15-042 with [C33-44C-6F + G61MPV-60C-110]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.21	44.2	13.0
60	16	3.14	41.9	12.3
55	13	3.07	39.7	11.6
50	10	3.01	37.4	11.0
47	8	2.97	36.0	10.6
45	7	2.91	34.1	10.0
40	4	2.76	29.4	8.6
35	2	2.60	24.6	7.2
30	-1	2.59	24.0	7.0
25	-4	2.58	23.4	6.9
20	-7	2.57	22.8	6.7
17	-8	2.56	22.4	6.6
15	-9	2.54	21.5	6.3
10	-12	2.47	19.2	5.6
5	-15	2.31	17.1	5.0
0	-18	2.16	15.1	4.4
-5	-21	2.00	13.0	3.8
-10	-23	1.85	10.9	3.2
-15	-26	1.69	8.8	2.6
-20	-29	1.54	6.7	2.0

**RATINGS**

**3.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**DOWN-FLOW INDOOR COILS WITH GAS FURNACES**  
**[CR33-48B-F + G60DFV-36B-090]**

**COOLING CAPACITY - XP15-042 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1195	565	39.0	11.4	2.74	.75	.89	1.00	36.8	10.8	3.14	.77	.92	1.00	34.4	10.1	3.61	.79	.95	1.00	32.0	9.4	4.15	.82	.98	1.00
	1405	665	40.5	11.9	2.75	.79	.94	1.00	38.0	11.1	3.16	.81	.96	1.00	35.6	10.4	3.63	.84	.99	1.00	33.2	9.7	4.19	.87	1.00	1.00
	1555	735	41.0	12.0	2.77	.82	.97	1.00	39.0	11.4	3.16	.84	.99	1.00	36.6	10.7	3.65	.87	1.00	1.00	34.2	10.0	4.22	.91	1.00	1.00
67°F (19°C)	1195	565	41.5	12.2	2.77	.60	.73	.85	39.0	11.4	3.17	.61	.75	.88	36.8	10.8	3.65	.62	.77	.91	34.0	10.0	4.21	.64	.80	.95
	1405	665	43.0	12.6	2.80	.62	.77	.91	40.5	11.9	3.19	.63	.79	.93	37.8	11.1	3.67	.65	.81	.96	35.0	10.3	4.24	.67	.85	.99
	1555	735	43.5	12.7	2.82	.64	.79	.94	41.0	12.0	3.22	.65	.82	.97	38.5	11.3	3.70	.67	.85	.99	35.8	10.5	4.25	.69	.88	1.00
71°F (22°C)	1195	565	43.5	12.7	2.82	.46	.58	.70	41.5	12.2	3.22	.46	.59	.72	39.0	11.4	3.70	.47	.61	.74	36.2	10.6	4.28	.48	.63	.77
	1405	665	45.0	13.2	2.85	.47	.61	.74	43.0	12.6	3.25	.48	.62	.76	40.0	11.7	3.73	.48	.64	.79	37.2	10.9	4.31	.49	.66	.82
	1555	735	46.0	13.5	2.87	.48	.63	.77	43.5	12.7	3.27	.49	.64	.79	41.0	12.0	3.76	.49	.66	.82	38.0	11.1	4.32	.50	.68	.86

**COOLING CAPACITY - XP15-042 with**

**[CR33-48C-F + G60DFV-60C-090]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1390	655	40.5	11.9	2.77	.79	.94	1.00	38.0	11.1	3.17	.81	.96	1.00	35.4	10.4	3.65	.83	.99	1.00	33.0	9.7	4.22	.87	1.00	1.00
	1565	740	41.0	12.0	2.79	.82	.97	1.00	39.0	11.4	3.18	.84	.99	1.00	36.4	10.7	3.66	.87	1.00	1.00	34.0	10.0	4.25	.91	1.00	1.00
67°F (19°C)	1390	655	42.5	12.5	2.82	.62	.76	.90	40.5	11.9	3.21	.63	.78	.93	37.8	11.1	3.69	.65	.81	.96	35.0	10.3	4.25	.67	.84	.99
	1565	740	43.5	12.7	2.84	.64	.79	.94	41.0	12.0	3.24	.65	.82	.97	38.5	11.3	3.72	.67	.84	.99	35.8	10.5	4.28	.69	.88	1.00
71°F (22°C)	1390	655	45.0	13.2	2.87	.47	.60	.74	42.5	12.5	3.27	.47	.62	.76	40.0	11.7	3.75	.48	.63	.78	37.2	10.9	4.32	.49	.65	.82
	1565	740	46.0	13.5	2.89	.48	.62	.77	43.5	12.7	3.30	.48	.64	.79	41.0	12.0	3.79	.49	.66	.82	38.0	11.1	4.35	.50	.68	.86

**HEATING CAPACITY - XP15-042 with**

**[CR33-48B-F + G60DFV-36B-090]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)				
	cfm	L/s	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input			
1195	565	44.1	12.9	3.16	33.8	9.9	2.89	22.9	6.7	2.61	16.6	4.9	2.35	8.1	2.4	1.75	
	1405	665	44.9	13.2	3.04	34.7	10.2	2.77	23.7	6.9	2.49	17.5	5.1	2.23	9.0	2.6	1.63
	1555	735	45.6	13.4	2.98	35.3	10.3	2.71	24.4	7.2	2.43	18.1	5.3	2.17	9.6	2.8	1.57

**HEATING CAPACITY - XP15-042 with**

**[CR33-48C-F + G60DFV-60C-090]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	cfm	L/s	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input		
1390	655	44.7	13.1	3.04	34.5	10.1	2.78	23.5	6.9	2.49	17.3	5.1	2.23	8.9	2.6	1.63
	1565	740	45.3	13.3	2.96	35.0	10.3	2.70	24.1	7.1	2.41	17.9	5.2	2.15	9.5	2.8

**HEATING PERFORMANCE at 1405 cfm (665 L/s) Indoor Coil Air Volume XP15-042 with [CR33-48B-F + G60DFV-36B-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.04	44.9	13.2
60	16	2.98	42.6	12.5
55	13	2.92	40.3	11.8
50	10	2.86	38.0	11.1
47	8	2.82	36.6	10.7
45	7	2.77	34.7	10.2
40	4	2.65	29.8	8.7
35	2	2.52	24.9	7.3
30	-1	2.51	24.3	7.1
25	-4	2.49	23.7	6.9
20	-7	2.47	23.2	6.8
17	-8	2.46	22.8	6.7
15	-9	2.44	21.9	6.4
10	-12	2.38	19.6	5.7
5	-15	2.23	17.5	5.1
0	-18	2.08	15.3	4.5
-5	-21	1.93	13.2	3.9
-10	-23	1.78	11.1	3.3
-15	-26	1.63	9.0	2.6
-20	-29	1.48	6.8	2.0

**HEATING PERFORMANCE at 1390 cfm (655 L/s) Indoor Coil Air Volume XP15-042 with [CR33-48C-F + G60DFV-60C-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.04	44.7	13.1
60	16	2.98	42.4	12.4
55	13	2.92	40.1	11.8
50	10	2.86	37.8	11.1
47	8	2.83	36.4	10.7
45	7	2.78	34.5	10.1
40	4	2.65	29.6	8.7
35	2	2.52	24.7	7.2
30	-1	2.51	24.1	7.1
25	-4	2.49	23.5	6.9
20	-7	2.47	23.0	6.7
17	-8	2.46	22.6	6.6
15	-9	2.44	21.7	6.4
10	-12	2.38	19.4	5.7
5	-15	2.23	17.3	5.1
0	-18	2.08	15.2	4.5
-5	-21	1.93	13.1	3.8
-10	-23	1.78	11.0	3.2
-15	-26	1.63	8.9	2.6
-20	-29	1.48	6.8	2.0

**RATINGS**

**3.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**DOWN-FLOW INDOOR COILS WITH GAS FURNACES**

[CR33-48C-F + G61MPV-60C-090]

**COOLING CAPACITY - XP15-042 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17°C)	1275	600	39.5	11.6	2.76	.77	.91	1.00	37.4	11.0	3.16	.79	.94	1.00	35.0	10.3	3.62	.81	.97	1.00	32.4	9.5	4.18	.84	.99	1.00
	1380	650	40.0	11.7	2.76	.79	.93	1.00	38.0	11.1	3.16	.81	.96	1.00	35.6	10.4	3.64	.83	.99	1.00	33.0	9.7	4.20	.87	1.00	1.00
	1590	750	41.5	12.2	2.79	.82	.98	1.00	39.0	11.4	3.18	.85	.99	1.00	36.6	10.7	3.67	.88	1.00	1.00	34.4	10.1	4.24	.91	1.00	1.00
67°F (19°C)	1275	600	42.0	12.3	2.80	.61	.74	.87	39.5	11.6	3.20	.62	.76	.90	37.2	10.9	3.67	.63	.79	.93	34.6	10.1	4.24	.65	.82	.97
	1380	650	42.5	12.5	2.81	.62	.76	.90	40.5	11.9	3.20	.63	.78	.93	37.8	11.1	3.68	.65	.81	.96	35.0	10.3	4.24	.67	.84	.99
	1590	750	44.0	12.9	2.83	.64	.80	.95	41.5	12.2	3.24	.66	.82	.97	38.5	11.3	3.72	.68	.85	.99	35.8	10.5	4.27	.70	.89	1.00
71°F (22°C)	1275	600	44.5	13.0	2.84	.46	.59	.72	42.0	12.3	3.25	.47	.60	.74	39.5	11.6	3.73	.47	.62	.76	36.6	10.7	4.31	.48	.64	.79
	1380	650	45.0	13.2	2.86	.47	.60	.74	42.5	12.5	3.26	.47	.62	.76	40.0	11.7	3.74	.48	.63	.78	37.2	10.9	4.31	.49	.65	.82
	1590	750	46.0	13.5	2.89	.48	.63	.77	43.5	12.7	3.29	.49	.65	.80	41.0	12.0	3.78	.50	.66	.83	38.0	11.1	4.35	.51	.69	.86

**COOLING CAPACITY - XP15-042 with**

[CR33-48C-F + G61MPV-60C-110]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17°C)	1290	610	39.5	11.6	2.76	.77	.91	1.00	37.4	11.0	3.15	.79	.94	1.00	35.0	10.3	3.63	.81	.97	1.00	32.4	9.5	4.18	.85	.99	1.00
	1405	665	40.5	11.9	2.76	.79	.94	1.00	38.0	11.1	3.17	.81	.96	1.00	35.6	10.4	3.64	.84	.99	1.00	33.2	9.7	4.21	.87	1.00	1.00
	1605	760	41.5	12.2	2.79	.82	.98	1.00	39.0	11.4	3.18	.85	.99	1.00	36.8	10.8	3.67	.88	1.00	1.00	34.4	10.1	4.24	.92	1.00	1.00
67°F (19°C)	1290	610	42.0	12.3	2.80	.61	.74	.88	40.0	11.7	3.20	.62	.76	.90	37.4	11.0	3.67	.63	.79	.94	34.6	10.1	4.25	.65	.82	.97
	1405	665	43.0	12.6	2.81	.62	.76	.91	40.5	11.9	3.20	.63	.79	.93	37.8	11.1	3.68	.65	.81	.96	35.0	10.3	4.25	.67	.85	.99
	1605	760	44.0	12.9	2.84	.64	.80	.95	41.5	12.2	3.24	.66	.82	.98	39.0	11.4	3.72	.68	.85	.99	35.8	10.5	4.28	.70	.89	1.00
71°F (22°C)	1290	610	44.5	13.0	2.84	.46	.59	.72	42.0	12.3	3.25	.47	.61	.74	39.5	11.6	3.74	.47	.62	.76	36.6	10.7	4.30	.48	.64	.79
	1405	665	45.0	13.2	2.86	.47	.61	.74	43.0	12.6	3.27	.48	.62	.76	40.0	11.7	3.74	.48	.64	.79	37.2	10.9	4.32	.49	.66	.82
	1605	760	46.5	13.6	2.89	.48	.63	.78	44.0	12.9	3.29	.49	.65	.80	41.0	12.0	3.78	.50	.67	.83	38.0	11.1	4.35	.51	.69	.87

**HEATING CAPACITY - XP15-042 with**

[CR33-48C-F + G61MPV-60C-090]

Indoor Coil Air Volume 70°F db (21°C db)	Total Air Volume		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
kBtuh	kW	kBtuh	kW	kBtuh		kW	kBtuh		kW	kBtuh		kW					
1275	600	44.4	13.0	3.12	34.2	10.0	2.84	23.2	6.8	2.55	17.0	5.0	2.29	8.5	2.5	1.69	
1380	650	44.8	13.1	3.06	34.6	10.1	2.79	23.7	6.9	2.50	17.4	5.1	2.23	8.9	2.6	1.63	
1590	750	45.6	13.4	2.96	35.3	10.3	2.69	24.4	7.2	2.40	18.1	5.3	2.14	9.7	2.8	1.54	

**HEATING CAPACITY - XP15-042 with**

[CR33-48C-F + G61MPV-60C-110]

Indoor Coil Air Volume 70°F db (21°C db)	Total Air Volume		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
kBtuh	kW	kBtuh	kW	kBtuh		kW	kBtuh		kW	kBtuh		kW					
1290	610	44.4	13.0	3.10	34.2	10.0	2.83	23.2	6.8	2.55	17.0	5.0	2.29	8.5	2.5	1.69	
1405	665	44.9	13.2	3.04	34.6	10.1	2.77	23.7	6.9	2.49	17.4	5.1	2.23	8.9	2.6	1.63	
1605	760	45.6	13.4	2.95	35.4	10.4	2.69	24.4	7.2	2.40	18.2	5.3	2.14	9.7	2.8	1.54	

**HEATING PERFORMANCE at 1380 cfm (650 L/s) Indoor Coil Air Volume XP15-042 with [CR33-48C-F + G61MPV-60C-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.06	44.8	13.1
60	16	3.00	42.5	12.5
55	13	2.94	40.2	11.8
50	10	2.88	37.9	11.1
47	8	2.84	36.5	10.7
45	7	2.79	34.6	10.1
40	4	2.66	29.7	8.7
35	2	2.53	24.9	7.3
30	-1	2.51	24.3	7.1
25	-4	2.50	23.7	6.9
20	-7	2.48	23.1	6.8
17	-8	2.47	22.7	6.7
15	-9	2.45	21.8	6.4
10	-12	2.38	19.5	5.7
5	-15	2.23	17.4	5.1
0	-18	2.08	15.3	4.5
-5	-21	1.93	13.2	3.9
-10	-23	1.78	11.1	3.3
-15	-26	1.63	8.9	2.6
-20	-29	1.48	6.8	2.0

**HEATING PERFORMANCE at 1405 cfm (665 L/s) Indoor Coil Air Volume XP15-042 with [CR33-48C-F + G61MPV-60C-110]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.04	44.9	13.2
60	16	2.98	42.6	12.5
55	13	2.92	40.3	11.8
50	10	2.86	38.0	11.1
47	8	2.82	36.6	10.7
45	7	2.77	34.6	10.1
40	4	2.65	29.8	8.7
35	2	2.52	24.9	7.3
30	-1	2.51	24.3	7.1
25	-4	2.49	23.7	6.9
20	-7	2.47	23.1	6.8
17	-8	2.46	22.7	6.7
15	-9	2.44	21.8	6.4
10	-12	2.38	19.5	5.7
5	-15	2.23	17.4	5.1
0	-18	2.08	15.3	4.5
-5	-21	1.93	13.2	3.9
-10	-23	1.78	11.1	3.3
-15	-26	1.63	8.9	2.6
-20	-29	1.48	6.8	2.0

**RATINGS**

**3.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**HORIZONTAL INDOOR COILS WITH GAS FURNACES**  
[CH23-51 + G60UHV-36B-090]

**COOLING CAPACITY - XP15-042 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1225	580	39.0	11.4	2.75	.77	.91	1.00	37.0	10.8	3.14	.79	.93	1.00	34.8	10.2	3.62	.81	.96	1.00	32.2	9.4	4.18	.84	1.00	1.00
1385	655	40.0	11.7	2.76	.80	.94	1.00	38.0	11.1	3.16	.82	.97	1.00	35.6	10.4	3.63	.85	1.00	1.00	33.4	9.8	4.20	.88	1.00	1.00	
67°F (19°C)	1225	580	41.5	12.2	2.79	.61	.74	.87	39.5	11.6	3.19	.62	.76	.90	37.0	10.8	3.66	.64	.79	.93	34.4	10.1	4.23	.65	.82	.97
1385	655	42.5	12.5	2.80	.63	.77	.91	40.5	11.9	3.20	.64	.79	.94	37.8	11.1	3.69	.66	.82	.97	35.0	10.3	4.25	.68	.86	1.00	
71°F (22°C)	1225	580	43.5	12.7	2.83	.46	.59	.72	41.5	12.2	3.23	.47	.61	.74	39.0	11.4	3.71	.47	.62	.76	36.4	10.7	4.29	.48	.64	.79
1385	655	45.0	13.2	2.85	.47	.61	.75	42.5	12.5	3.26	.48	.63	.77	40.0	11.7	3.74	.49	.64	.80	37.2	10.9	4.32	.50	.67	.83	

**COOLING CAPACITY - XP15-042 with**

[CH23-51 + G60UHV-60C-090]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1355	640	40.0	11.7	2.76	.79	.94	1.00	37.8	11.1	3.16	.81	.96	1.00	35.4	10.4	3.64	.84	.99	1.00	33.2	9.7	4.19	.87	1.00	1.00
1520	715	41.0	12.0	2.77	.82	.97	1.00	38.5	11.3	3.17	.84	1.00	1.00	36.6	10.7	3.65	.88	1.00	1.00	34.2	10.0	4.23	.91	1.00	1.00	
67°F (19°C)	1355	640	42.5	12.5	2.80	.62	.76	.90	40.0	11.7	3.20	.63	.79	.93	37.6	11.0	3.69	.65	.81	.96	35.0	10.3	4.25	.67	.85	1.00
1520	715	43.0	12.6	2.82	.64	.80	.94	41.0	12.0	3.22	.66	.82	.97	38.5	11.3	3.70	.68	.85	1.00	35.6	10.4	4.27	.70	.89	1.00	
71°F (22°C)	1355	640	44.5	13.0	2.85	.47	.61	.74	42.0	12.3	3.25	.47	.62	.76	39.5	11.6	3.74	.48	.64	.79	37.0	10.8	4.32	.49	.66	.82
1520	715	45.5	13.3	2.87	.48	.63	.77	43.0	12.6	3.27	.49	.64	.80	40.5	11.9	3.77	.50	.66	.83	37.8	11.1	4.33	.50	.69	.86	

**HEATING CAPACITY - XP15-042 with**

[CH23-51 + G60UHV-36B-090]

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
775	365	42.6	12.5	3.58	32.3	9.5	3.33	21.3	6.2	3.06	15.0	4.4	2.81	6.5	1.9	2.21
1385	655	45.1	13.2	2.98	34.8	10.2	2.73	23.8	7.0	2.46	17.5	5.1	2.21	9.0	2.6	1.61

**HEATING CAPACITY - XP15-042 with**

[CH23-51 + G60UHV-60C-090]

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1355	640	44.8	13.1	3.00	34.5	10.1	2.74	23.6	6.9	2.47	17.3	5.1	2.21	8.9	2.6	1.62
1520	715	45.4	13.3	2.92	35.2	10.3	2.67	24.2	7.1	2.39	17.9	5.2	2.14	9.5	2.8	1.54

**HEATING PERFORMANCE AT 1385 cfm (655 L/s) Indoor Coil Air Volume XP15-042 with**  
[CH23-51 + G60UHV-36B-090]

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.98	45.1	13.2
60	16	2.92	42.8	12.5
55	13	2.87	40.4	11.8
50	10	2.81	38.1	11.2
47	8	2.78	36.7	10.8
45	7	2.73	34.8	10.2
40	4	2.61	29.9	8.8
35	2	2.49	25.0	7.3
30	-1	2.47	24.4	7.2
25	-4	2.46	23.8	7.0
20	-7	2.45	23.2	6.8
17	-8	2.44	22.8	6.7
15	-9	2.42	21.9	6.4
10	-12	2.36	19.6	5.7
5	-15	2.21	17.5	5.1
0	-18	2.06	15.4	4.5
-5	-21	1.91	13.2	3.9
-10	-23	1.76	11.1	3.3
-15	-26	1.61	9.0	2.6
-20	-29	1.46	6.9	2.0

**HEATING PERFORMANCE AT 1355 cfm (640 L/s) Indoor Coil Air Volume XP15-042 with**  
[CH23-51 + G60UHV-60C-090]

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.00	44.8	13.1
60	16	2.94	42.5	12.5
55	13	2.88	40.2	11.8
50	10	2.82	37.9	11.1
47	8	2.79	36.5	10.7
45	7	2.74	34.5	10.1
40	4	2.62	29.7	8.7
35	2	2.50	24.8	7.3
30	-1	2.49	24.2	7.1
25	-4	2.47	23.6	6.9
20	-7	2.45	23.0	6.7
17	-8	2.44	22.6	6.6
15	-9	2.42	21.7	6.4
10	-12	2.36	19.3	5.7
5	-15	2.21	17.3	5.1
0	-18	2.06	15.2	4.5
-5	-21	1.91	13.1	3.8
-10	-23	1.76	11.0	3.2
-15	-26	1.62	8.9	2.6
-20	-29	1.47	6.8	2.0

**RATINGS**

**3.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**HORIZONTAL INDOOR COILS WITH GAS FURNACES**

[CH23-51 + G60UHV-60C-110]

**COOLING CAPACITY - XP15-042 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1295	610	39.5	11.6	2.77	.78	.92	1.00	37.4	11.0	3.17	.80	.95	1.00	35.2	10.3	3.65	.83	.98	1.00	32.6	9.6	4.22	.86	1.00	1.00
	1395	660	40.0	11.7	2.78	.80	.95	1.00	38.0	11.1	3.18	.82	.97	1.00	35.6	10.4	3.65	.85	1.00	1.00	33.4	9.8	4.23	.89	1.00	1.00
	1600	755	41.5	12.2	2.80	.83	.99	1.00	39.0	11.4	3.20	.86	1.00	1.00	37.0	10.8	3.69	.89	1.00	1.00	34.8	10.2	4.26	.93	1.00	1.00
67°F (19°C)	1295	610	42.0	12.3	2.81	.62	.75	.89	39.5	11.6	3.20	.63	.78	.92	37.2	10.9	3.70	.64	.80	.95	34.6	10.1	4.26	.66	.83	.98
	1395	660	42.5	12.5	2.81	.63	.77	.91	40.5	11.9	3.22	.64	.79	.94	37.8	11.1	3.71	.66	.82	.97	35.0	10.3	4.28	.68	.86	1.00
	1600	755	43.5	12.7	2.85	.65	.81	.96	41.0	12.0	3.24	.67	.84	.99	38.5	11.3	3.73	.69	.87	1.00	36.0	10.6	4.31	.71	.91	1.00
71°F (22°C)	1295	610	44.5	13.0	2.85	.46	.60	.73	42.0	12.3	3.26	.47	.61	.75	39.5	11.6	3.75	.48	.63	.77	36.6	10.7	4.33	.49	.65	.81
	1395	660	45.0	13.2	2.87	.47	.61	.75	42.5	12.5	3.28	.48	.63	.77	40.0	11.7	3.77	.49	.65	.80	37.2	10.9	4.35	.49	.67	.83
	1600	755	46.0	13.5	2.90	.48	.64	.79	43.5	12.7	3.30	.49	.66	.81	41.0	12.0	3.80	.50	.68	.84	38.0	11.1	4.37	.51	.70	.88

**COOLING CAPACITY - XP15-042 with**

[CH23-51 + G61MPV-60C-090]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1275	600	39.5	11.6	2.76	.78	.92	1.00	37.2	10.9	3.15	.80	.95	1.00	35.0	10.3	3.63	.82	.98	1.00	32.6	9.6	4.19	.86	1.00	1.00
	1380	650	40.0	11.7	2.76	.80	.94	1.00	38.0	11.1	3.16	.82	.97	1.00	35.6	10.4	3.63	.85	1.00	1.00	33.4	9.8	4.20	.88	1.00	1.00
	1590	750	41.5	12.2	2.78	.83	.99	1.00	39.0	11.4	3.18	.86	1.00	1.00	37.0	10.8	3.67	.89	1.00	1.00	34.8	10.2	4.23	.93	1.00	1.00
67°F (19°C)	1275	600	42.0	12.3	2.79	.61	.75	.88	39.5	11.6	3.18	.63	.77	.91	37.2	10.9	3.67	.64	.80	.94	34.6	10.1	4.25	.66	.83	.98
	1380	650	42.5	12.5	2.80	.63	.77	.91	40.0	11.7	3.20	.64	.79	.94	37.8	11.1	3.69	.66	.82	.97	35.0	10.3	4.25	.68	.86	1.00
	1590	750	43.5	12.7	2.83	.65	.81	.96	41.0	12.0	3.22	.67	.84	.98	38.5	11.3	3.71	.69	.87	1.00	36.0	10.6	4.28	.71	.91	1.00
71°F (22°C)	1275	600	44.0	12.9	2.84	.46	.60	.73	42.0	12.3	3.24	.47	.61	.75	39.5	11.6	3.72	.48	.63	.77	36.6	10.7	4.30	.49	.65	.80
	1380	650	45.0	13.2	2.85	.47	.61	.75	42.5	12.5	3.26	.48	.63	.77	40.0	11.7	3.74	.49	.64	.80	37.2	10.9	4.32	.49	.67	.83
	1590	750	46.0	13.5	2.88	.48	.64	.79	43.5	12.7	3.28	.49	.66	.81	41.0	12.0	3.78	.50	.67	.84	38.0	11.1	4.34	.51	.70	.88

**HEATING CAPACITY - XP15-042 with**

[CH23-51 + G60UHV-60C-110]

Indoor Coil Air Volume 70°F db (21°C db)	Total Air Volume		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	
kBtuh	kW	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		
1295	610	44.7	13.1	3.02	34.3	10.1	2.77	23.3	6.8	2.51	17.0	5.0	2.26	8.6	2.5	1.66	
1395	660	45.1	13.2	2.97	34.7	10.2	2.72	23.7	6.9	2.46	17.4	5.1	2.21	9.0	2.6	1.61	
1600	755	45.8	13.4	2.89	35.5	10.4	2.64	24.4	7.2	2.37	18.1	5.3	2.12	9.7	2.8	1.53	

**HEATING CAPACITY - XP15-042 with**

[CH23-51 + G61MPV-60C-090]

Indoor Coil Air Volume 70°F db (21°C db)	Total Air Volume		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	
kBtuh	kW	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		
1275	600	44.7	13.1	3.04	34.4	10.1	2.79	23.4	6.9	2.53	17.1	5.0	2.28	8.6	2.5	1.68	
1380	650	45.1	13.2	2.98	34.8	10.2	2.73	23.8	7.0	2.47	17.5	5.1	2.22	9.0	2.6	1.62	
1590	750	45.8	13.4	2.89	35.6	10.4	2.64	24.6	7.2	2.38	18.3	5.4	2.13	9.8	2.9	1.53	

**HEATING PERFORMANCE at 1395 cfm (660 L/s) Indoor Coil Air Volume XP15-042 with [CH23-51 + G60UHV-60C-110]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kW Input		kBtuh	kW
65	18	2.97		45.1	13.2
60	16	2.92		42.7	12.5
55	13	2.86		40.4	11.8
50	10	2.81		38.1	11.2
47	8	2.77		36.7	10.8
45	7	2.72		34.7	10.2
40	4	2.60		29.8	8.7
35	2	2.48		24.9	7.3
30	-1	2.47		24.3	7.1
25	-4	2.46		23.7	6.9
20	-7	2.44		23.1	6.8
17	-8	2.43		22.8	6.7
15	-9	2.41		21.9	6.4
10	-12	2.36		19.5	5.7
5	-15	2.21		17.4	5.1
0	-18	2.06		15.3	4.5
-5	-21	1.91		13.2	3.9
-10	-23	1.76		11.1	3.3
-15	-26	1.61		9.0	2.6
-20	-29	1.46		6.8	2.0

**HEATING PERFORMANCE at 1380 cfm (650 L/s) Indoor Coil Air Volume XP15-042 with [CH23-51 + G61MPV-60C-090]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kW Input		kBtuh	kW
65	18	2.98		45.1	13.2
60	16	2.92		42.8	12.5
55	13	2.87		40.5	11.9
50	10	2.81		38.1	11.2
47	8	2.78		36.8	10.8
45	7	2.73		34.8	10.2
40	4	2.61		29.9	8.8
35	2	2.49		25.0	7.3
30	-1	2.48		24.4	7.2
25	-4	2.47		23.8	7.0
20	-7	2.45		23.2	6.8
17	-8	2.45		22.9	6.7
15	-9	2.43		22.0	6.4
10	-12	2.37		19.6	5.7
5	-15	2.22		17.5	5.1
0	-18	2.07		15.4	4.5
-5	-21	1.92		13.3	3.9
-10	-23	1.77		11.1	3.3
-15	-26	1.62		9.0	2.6
-20	-29	1.47		6.9	2.0

**RATINGS**

**3.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**HORIZONTAL INDOOR COILS WITH GAS FURNACES**  
[CH23-51 + G61MPV-60C-110]

**COOLING CAPACITY - XP15-042 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1290	610	39.5	11.6	2.75	.78	.92	1.00	37.4	11.0	3.15	.80	.95	1.00	35.2	10.3	3.63	.82	.98	1.00	32.6	9.6	4.19	.86	1.00	1.00
	1405	665	40.5	11.9	2.77	.80	.95	1.00	38.0	11.1	3.17	.82	.97	1.00	35.8	10.5	3.63	.85	1.00	1.00	33.6	9.8	4.21	.89	1.00	1.00
	1605	760	41.5	12.2	2.78	.84	.99	1.00	39.0	11.4	3.18	.86	1.00	1.00	37.2	10.9	3.67	.90	1.00	1.00	34.8	10.2	4.24	.93	1.00	1.00
67°F (19°C)	1290	610	42.0	12.3	2.79	.62	.75	.89	39.5	11.6	3.18	.63	.77	.92	37.2	10.9	3.67	.64	.80	.95	34.6	10.1	4.23	.66	.83	.98
	1405	665	42.5	12.5	2.81	.63	.78	.92	40.5	11.9	3.21	.64	.80	.94	37.8	11.1	3.69	.66	.83	.98	35.2	10.3	4.26	.68	.86	1.00
	1605	760	43.5	12.7	2.83	.65	.81	.96	41.5	12.2	3.22	.67	.84	.99	38.5	11.3	3.71	.69	.87	1.00	36.0	10.6	4.28	.72	.91	1.00
71°F (22°C)	1290	610	44.0	12.9	2.84	.46	.60	.73	42.0	12.3	3.24	.47	.61	.75	39.5	11.6	3.73	.48	.63	.77	36.6	10.7	4.30	.49	.65	.81
	1405	665	45.0	13.2	2.85	.47	.62	.75	42.5	12.5	3.26	.48	.63	.77	40.0	11.7	3.75	.49	.65	.80	37.2	10.9	4.33	.50	.67	.83
	1605	760	46.0	13.5	2.88	.49	.64	.79	43.5	12.7	3.29	.49	.66	.81	41.0	12.0	3.78	.50	.68	.85	38.0	11.1	4.34	.51	.70	.89

**COOLING CAPACITY - XP15-042 with**

[CH33-44/48B-2F + G60UHV-36B-090]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1225	580	39.5	11.6	2.77	.76	.90	1.00	37.4	11.0	3.16	.78	.93	1.00	35.0	10.3	3.63	.80	.96	1.00	32.2	9.4	4.19	.83	1.00	1.00
	1385	655	40.5	11.9	2.78	.79	.94	1.00	38.5	11.3	3.17	.81	.97	1.00	35.8	10.5	3.65	.84	1.00	1.00	33.4	9.8	4.23	.87	1.00	1.00
	1605	760	42.0	12.3	2.81	.80	.97	1.00	40.0	11.7	3.21	.81	.97	1.00	37.2	10.9	3.68	.83	.98	1.00	34.6	10.1	4.26	.86	.91	.97
67°F (19°C)	1225	580	42.0	12.3	2.81	.60	.73	.86	40.0	11.7	3.21	.61	.75	.89	37.2	10.9	3.68	.63	.78	.92	34.6	10.1	4.26	.65	.81	.97
	1385	655	43.0	12.6	2.83	.62	.76	.90	41.0	12.0	3.23	.63	.78	.93	38.0	11.1	3.72	.65	.81	.97	35.4	10.4	4.28	.67	.84	1.00
	1605	760	44.5	13.0	2.85	.64	.79	.93	42.0	12.3	3.26	.65	.81	.96	39.5	11.6	3.75	.67	.83	.99	36.8	10.8	4.32	.69	.86	1.00
71°F (22°C)	1225	580	44.5	13.0	2.85	.46	.59	.71	42.0	12.3	3.26	.47	.60	.73	39.5	11.6	3.75	.47	.61	.75	36.8	10.8	4.32	.48	.63	.78
	1385	655	45.5	13.3	2.88	.47	.61	.74	43.0	12.6	3.29	.47	.62	.76	40.5	11.9	3.78	.48	.64	.79	37.6	11.0	4.36	.49	.66	.82
	1605	760	46.5	13.6	2.91	.49	.63	.77	44.0	12.9	3.32	.49	.64	.79	41.5	12.2	3.81	.50	.66	.82	38.6	11.3	4.40	.51	.68	.85

**HEATING CAPACITY - XP15-042 with**

[CH23-51 + G61MPV-60C-110]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	cfm	L/s	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input		
1290	610	44.7	13.1	3.03	34.4	10.1	2.78	23.4	6.9	2.52	17.1	5.0	2.27	8.6	2.5	1.67
1405	665	45.2	13.2	2.97	34.8	10.2	2.72	23.8	7.0	2.45	17.5	5.1	2.21	9.0	2.6	1.61
1605	760	45.9	13.5	2.89	35.6	10.4	2.64	24.6	7.2	2.37	18.2	5.3	2.13	9.7	2.8	1.53

**HEATING CAPACITY - XP15-042 with**

[CH33-44/48B-2F + G60UHV-36B-070]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	cfm	L/s	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input		
1225	580	43.8	12.8	3.27	33.6	9.8	2.98	22.8	6.7	2.67	16.5	4.8	2.42	8.2	2.4	1.79
1385	655	44.4	13.0	3.17	34.3	10.1	2.88	23.5	6.9	2.57	17.2	5.0	2.32	8.8	2.6	1.69

**HEATING PERFORMANCE at 1405 cfm (665 L/s) Indoor Coil Air Volume XP15-042 with** [CH23-51 + G61MPV-60C-110]

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.97	45.2	13.2
60	16	2.91	42.8	12.5
55	13	2.86	40.5	11.9
50	10	2.80	38.2	11.2
47	8	2.77	36.8	10.8
45	7	2.72	34.8	10.2
40	4	2.60	29.9	8.8
35	2	2.48	25.0	7.3
30	-1	2.47	24.4	7.2
25	-4	2.45	23.8	7.0
20	-7	2.44	23.2	6.8
17	-8	2.43	22.9	6.7
15	-9	2.41	21.9	6.4
10	-12	2.36	19.6	5.7
5	-15	2.21	17.5	5.1
0	-18	2.06	15.4	4.5
-5	-21	1.91	13.2	3.9
-10	-23	1.76	11.1	3.3
-15	-26	1.61	9.0	2.6
-20	-29	1.46	6.9	2.0

**HEATING PERFORMANCE at 1385 cfm (655 L/s) Indoor Coil Air Volume XP15-042 with** [CH33-44/48B-2F + G60UHV-36B-070]

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.17	44.4	13.0
60	16	3.10	42.1	12.3
55	13	3.04	39.8	11.7
50	10	2.98	37.6	11.0
47	8	2.94	36.2	10.6
45	7	2.88	34.3	10.1
40	4	2.73	29.5	8.6
35	2	2.58	24.7	7.2
30	-1	2.57	24.1	7.1
25	-4	2.57	23.5	6.9
20	-7	2.56	22.9	6.7
17	-8	2.56	22.5	6.6
15	-9	2.53	21.6	6.3
10	-12	2.47	19.3	5.7
5	-15	2.32	17.2	5.0
0	-18	2.16	15.1	4.4
-5	-21	2.00	13.0	3.8
-10	-23	1.85	10.9	3.2
-15	-26	1.69	8.8	2.6
-20	-29	1.54	6.7	2.0



**RATINGS**

**3.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**HORIZONTAL INDOOR COILS WITH GAS FURNACES**

[CH33-48C-2F + G60UHV-60C-090]

**COOLING CAPACITY - XP15-042 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1355	640	40.5	11.9	2.76	.78	.93	1.00	38.5	11.3	3.16	.80	.96	1.00	36.0	10.6	3.63	.82	.99	1.00	33.4	9.8	4.19	.86	1.00	1.00
	1520	715	41.5	12.2	2.78	.81	.96	1.00	39.0	11.4	3.17	.83	.99	1.00	36.8	10.8	3.65	.86	1.00	1.00	34.6	10.1	4.23	.90	1.00	1.00
67°F (19°C)	1355	640	43.0	12.6	2.81	.62	.76	.89	41.0	12.0	3.21	.63	.77	.92	38.0	11.1	3.69	.64	.80	.95	35.4	10.4	4.25	.66	.83	.99
	1520	715	44.0	12.9	2.83	.64	.78	.93	41.5	12.2	3.23	.65	.81	.96	39.0	11.4	3.71	.66	.83	.99	36.2	10.6	4.28	.69	.87	1.00
71°F (22°C)	1355	640	45.5	13.3	2.86	.47	.60	.73	43.0	12.6	3.27	.47	.61	.75	40.5	11.9	3.75	.48	.63	.77	37.6	11.0	4.33	.49	.65	.81
	1520	715	46.5	13.6	2.89	.48	.62	.76	44.0	12.9	3.29	.48	.64	.78	41.5	12.2	3.77	.49	.65	.81	38.5	11.3	4.34	.50	.67	.84

**COOLING CAPACITY - XP15-042 with**

[CH33-48C-2F + G60UHV-60C-110]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1295	610	40.0	11.7	2.78	.77	.91	1.00	38.0	11.1	3.17	.79	.94	1.00	35.6	10.4	3.65	.81	.97	1.00	33.0	9.7	4.21	.84	1.00	1.00
	1395	660	41.0	12.0	2.79	.79	.94	1.00	38.5	11.3	3.19	.81	.96	1.00	36.0	10.6	3.66	.83	.99	1.00	33.6	9.8	4.23	.87	1.00	1.00
	1600	755	42.0	12.3	2.81	.82	.98	1.00	39.5	11.6	3.20	.85	1.00	1.00	37.4	11.0	3.69	.88	1.00	1.00	35.0	10.3	4.27	.92	1.00	1.00
67°F (19°C)	1295	610	42.5	12.5	2.82	.61	.75	.88	40.5	11.9	3.21	.62	.76	.90	37.8	11.1	3.70	.63	.79	.94	35.2	10.3	4.27	.65	.82	.98
	1395	660	43.5	12.7	2.83	.62	.76	.90	41.0	12.0	3.24	.63	.78	.93	38.5	11.3	3.72	.65	.81	.96	35.6	10.4	4.29	.67	.84	1.00
	1600	755	44.5	13.0	2.85	.64	.80	.95	42.0	12.3	3.26	.66	.82	.98	39.5	11.6	3.75	.68	.85	1.00	36.4	10.7	4.32	.70	.89	1.00
71°F (22°C)	1295	610	45.0	13.2	2.87	.47	.60	.72	42.5	12.5	3.27	.47	.61	.74	40.0	11.7	3.76	.48	.62	.76	37.4	11.0	4.35	.48	.64	.79
	1395	660	46.0	13.5	2.89	.47	.61	.74	43.5	12.7	3.30	.48	.62	.76	40.5	11.9	3.79	.48	.64	.78	37.8	11.1	4.35	.49	.65	.82
	1600	755	47.0	13.8	2.92	.48	.63	.78	44.5	13.0	3.32	.49	.65	.80	41.5	12.2	3.80	.50	.66	.83	38.5	11.3	4.38	.51	.69	.86

**HEATING CAPACITY - XP15-042 with**

[CH33-48C-2F + G60UHV-60C-090]

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-26°C)						
		Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input					
cfm	L/s	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	
1355	640	43.9	12.9	3.23	33.8	9.9	2.92	23.1	6.8	2.59	16.9	5.0	2.32	8.7	2.5	1.70
1520	715	44.5	13.0	3.14	34.5	10.1	2.83	23.8	7.0	2.51	17.6	5.2	2.24	9.3	2.7	1.61

**HEATING CAPACITY - XP15-042 with**

[CH33-48C-2F + G60UHV-60C-110]

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-26°C)						
		Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input					
cfm	L/s	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	
1295	610	43.7	12.8	3.27	33.6	9.8	2.97	22.9	6.7	2.64	16.6	4.9	2.37	8.4	2.5	1.75
1395	660	44.1	12.9	3.21	34.0	10.0	2.91	23.3	6.8	2.58	17.1	5.0	2.31	8.8	2.6	1.69
1600	755	44.9	13.2	3.10	34.8	10.2	2.80	24.0	7.0	2.47	17.8	5.2	2.20	9.5	2.8	1.58

**HEATING PERFORMANCE at 1355 cfm (640 L/s) Indoor Coil Air Volume XP15-042 with [CH33-48C-2F + G60UHV-60C-090]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kBtuh	kW	kBtuh	kW
65	18	3.23	43.9	12.9	
60	16	3.16	41.6	12.2	
55	13	3.09	39.4	11.5	
50	10	3.02	37.1	10.9	
47	8	2.98	35.7	10.5	
45	7	2.92	33.8	9.9	
40	4	2.77	29.1	8.5	
35	2	2.62	24.4	7.2	
30	-1	2.61	23.8	7.0	
25	-4	2.59	23.1	6.8	
20	-7	2.58	22.5	6.6	
17	-8	2.57	22.2	6.5	
15	-9	2.55	21.3	6.2	
10	-12	2.48	19.0	5.6	
5	-15	2.32	16.9	5.0	
0	-18	2.17	14.9	4.4	
-5	-21	2.01	12.8	3.8	
-10	-23	1.86	10.8	3.2	
-15	-26	1.70	8.7	2.5	
-20	-29	1.55	6.6	1.9	

**HEATING PERFORMANCE at 1395 cfm (660 L/s) Indoor Coil Air Volume XP15-042 with [CH33-48C-2F + G60UHV-60C-110]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kBtuh	kW	kBtuh	kW
65	18	3.21	44.1	12.9	
60	16	3.14	41.9	12.3	
55	13	3.08	39.6	11.6	
50	10	3.01	37.3	10.9	
47	8	2.97	36.0	10.6	
45	7	2.91	34.0	10.0	
40	4	2.76	29.3	8.6	
35	2	2.61	24.5	7.2	
30	-1	2.59	23.9	7.0	
25	-4	2.58	23.3	6.8	
20	-7	2.57	22.7	6.7	
17	-8	2.56	22.3	6.5	
15	-9	2.54	21.4	6.3	
10	-12	2.47	19.1	5.6	
5	-15	2.31	17.1	5.0	
0	-18	2.16	15.0	4.4	
-5	-21	2.00	12.9	3.8	
-10	-23	1.85	10.8	3.2	
-15	-26	1.69	8.8	2.6	
-20	-29	1.54	6.7	2.0	

**RATINGS**

**3.5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**HORIZONTAL INDOOR COILS WITH GAS FURNACES**

[CH33-48C-2F + G61MPV-60C-110]

**COOLING CAPACITY - XP15-042 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1290	610	40.0	11.7	2.73	.77	.91	1.00	38.0	11.1	3.11	.79	.94	1.00	35.6	10.4	3.59	.81	.97	1.00	33.0	9.7	4.13	.84	1.00	1.00
	1405	665	41.0	12.0	2.74	.79	.94	1.00	38.5	11.3	3.13	.81	.97	1.00	36.2	10.6	3.60	.84	1.00	1.00	33.8	9.9	4.16	.87	1.00	1.00
	1605	760	42.0	12.3	2.76	.82	.98	1.00	39.5	11.6	3.14	.85	1.00	1.00	37.4	11.0	3.63	.88	1.00	1.00	35.0	10.3	4.20	.92	1.00	1.00
67°F (19°C)	1290	610	42.5	12.5	2.77	.61	.75	.88	40.5	11.9	3.17	.62	.76	.90	37.8	11.1	3.64	.63	.79	.94	35.2	10.3	4.19	.65	.82	.98
	1405	665	43.5	12.7	2.78	.62	.77	.91	41.0	12.0	3.18	.64	.79	.93	38.5	11.3	3.65	.65	.81	.97	35.6	10.4	4.22	.67	.85	1.00
	1605	760	44.5	13.0	2.81	.65	.80	.95	42.0	12.3	3.21	.66	.82	.98	39.5	11.6	3.68	.68	.85	1.00	36.4	10.7	4.23	.70	.89	1.00
71°F (22°C)	1290	610	45.0	13.2	2.82	.47	.60	.72	42.5	12.5	3.22	.47	.61	.74	40.0	11.7	3.70	.48	.62	.76	37.4	11.0	4.27	.48	.64	.79
	1405	665	46.0	13.5	2.84	.47	.61	.74	43.5	12.7	3.23	.48	.62	.76	41.0	12.0	3.72	.48	.64	.79	38.0	11.1	4.29	.49	.66	.82
	1605	760	47.0	13.8	2.87	.49	.63	.78	44.5	13.0	3.26	.49	.65	.80	42.0	12.3	3.74	.50	.67	.83	39.0	11.4	4.31	.51	.69	.87

**HEATING CAPACITY - XP15-042 with**

[CH33-48C-2F + G61MPV-60C-110]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)				45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	
kBtuh	kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW
1290	610	43.8	12.8	3.27	33.7	9.9	2.97	22.9	6.7	2.65	16.7	4.9	2.38	8.3	2.4	1.76
1405	665	44.2	13.0	3.21	34.1	10.0	2.90	23.4	6.9	2.58	17.1	5.0	2.31	8.8	2.6	1.69
1605	760	45.0	13.2	3.10	34.9	10.2	2.80	24.2	7.1	2.47	17.9	5.2	2.21	9.6	2.8	1.59

**HEATING PERFORMANCE at 1405 cfm (665 L/s) Indoor Coil Air Volume XP15-042 with [CH33-48C-2F + G61MPV-60C-110]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.21	44.2	13.0
60	16	3.14	42.0	12.3
55	13	3.07	39.7	11.6
50	10	3.00	37.4	11.0
47	8	2.96	36.0	10.6
45	7	2.90	34.1	10.0
40	4	2.75	29.4	8.6
35	2	2.60	24.6	7.2
30	-1	2.59	24.0	7.0
25	-4	2.58	23.4	6.9
20	-7	2.57	22.8	6.7
17	-8	2.56	22.4	6.6
15	-9	2.54	21.5	6.3
10	-12	2.47	19.2	5.6
5	-15	2.31	17.1	5.0
0	-18	2.16	15.1	4.4
-5	-21	2.00	13.0	3.8
-10	-23	1.85	10.9	3.2
-15	-26	1.69	8.8	2.6
-20	-29	1.54	6.7	2.0

**RATINGS**

**4 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**AIR HANDLERS  
[CBX32M-048]**

**COOLING CAPACITY - XP15-048 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17°C)	1400	660	47.0	13.8	2.98	.75	.89	1.00	44.5	13.0	3.41	.77	.92	1.00	41.5	12.2	3.90	.79	.95	1.00	38.5	11.3	4.44	.82	.98	1.00
	1600	755	48.5	14.2	2.98	.78	.94	1.00	45.5	13.3	3.40	.80	.96	1.00	43.0	12.6	3.89	.83	.99	1.00	40.0	11.7	4.43	.86	1.00	1.00
	1800	850	49.5	14.5	2.98	.81	.97	1.00	46.5	13.6	3.41	.84	.99	1.00	44.0	12.9	3.88	.86	1.00	1.00	41.0	12.0	4.44	.90	1.00	1.00
67°F (19°C)	1400	660	50.0	14.7	2.98	.59	.73	.86	47.5	13.9	3.41	.60	.74	.88	44.5	13.0	3.89	.61	.77	.91	41.0	12.0	4.42	.63	.79	.95
	1600	755	51.5	15.1	2.97	.61	.76	.90	48.5	14.2	3.41	.62	.78	.93	45.5	13.3	3.90	.64	.80	.96	42.0	12.3	4.45	.65	.83	.99
	1800	850	52.5	15.4	2.96	.63	.79	.94	49.5	14.5	3.41	.64	.81	.97	46.5	13.6	3.89	.66	.84	.99	43.0	12.6	4.43	.68	.87	1.00
71°F (22°C)	1400	660	53.0	15.5	2.97	.45	.58	.70	50.0	14.7	3.41	.45	.59	.72	47.0	13.8	3.90	.46	.60	.74	43.5	12.7	4.43	.46	.62	.77
	1600	755	54.5	16.0	2.96	.45	.60	.73	51.5	15.1	3.41	.46	.61	.75	48.0	14.1	3.90	.46	.62	.78	45.0	13.2	4.45	.47	.64	.81
	1800	850	55.5	16.3	2.95	.46	.62	.76	52.5	15.4	3.41	.47	.63	.79	49.5	14.5	3.90	.47	.65	.81	46.0	13.5	4.45	.48	.67	.85

**COOLING CAPACITY - XP15-048 with**

**[CBX32M-060]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17°C)	1600	755	48.5	14.2	2.95	.78	.93	1.00	46.0	13.5	3.37	.80	.96	1.00	43.0	12.6	3.84	.82	.98	1.00	40.0	11.7	4.38	.85	1.00	1.00
	1800	850	50.0	14.7	2.94	.81	.96	1.00	47.0	13.8	3.36	.83	.99	1.00	44.5	13.0	3.85	.86	1.00	1.00	41.5	12.2	4.39	.89	1.00	1.00
	1600	755	51.5	15.1	2.94	.61	.75	.89	48.5	14.2	3.37	.62	.77	.92	46.0	13.5	3.86	.63	.80	.95	42.5	12.5	4.40	.65	.83	.98
67°F (19°C)	1600	755	53.0	15.5	2.93	.63	.78	.93	50.0	14.7	3.37	.64	.81	.96	47.0	13.8	3.85	.66	.83	.99	43.5	12.7	4.40	.67	.87	1.00
	1800	850	54.5	16.0	2.93	.46	.60	.73	51.5	15.1	3.36	.46	.61	.75	48.5	14.2	3.86	.47	.62	.77	45.5	13.3	4.39	.47	.64	.80
	1600	755	56.0	16.4	2.92	.47	.61	.76	53.0	15.5	3.37	.47	.63	.78	49.5	14.5	3.85	.48	.65	.81	46.0	13.5	4.40	.48	.66	.84

**HEATING CAPACITY - XP15-048 with**

**[CBX32M-048]**

Indoor Coil Air Volume 70°F db (21°C db)	Total Air Volume		Air Temperature Entering Outdoor Coil													
			65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-26°C)					
			Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input				
cfm	L/s	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	
1380	650	57.5	16.9	4.16	44.9	13.2	3.71	31.7	9.3	3.24	22.5	6.6	2.84	11.2	3.3	2.14
1600	755	58.1	17.0	3.99	45.5	13.3	3.54	32.4	9.5	3.07	23.1	6.8	2.66	11.8	3.5	1.96
1700	800	58.5	17.1	3.92	46.0	13.5	3.48	32.8	9.6	3.01	23.5	6.9	2.60	12.3	3.6	1.90

**HEATING CAPACITY - XP15-048 with**

**[CBX32M-060]**

Indoor Coil Air Volume 70°F db (21°C db)	Total Air Volume		Air Temperature Entering Outdoor Coil													
			65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-26°C)					
			Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input				
cfm	L/s	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	
1600	755	58.0	17.0	4.05	45.5	13.3	3.59	32.4	9.5	3.10	23.2	6.8	2.67	11.9	3.5	1.97
1800	850	58.6	17.2	3.93	46.1	13.5	3.47	33.0	9.7	2.98	23.8	7.0	2.55	12.4	3.6	1.85

**HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil Air Volume XP15-048 with [CBX32M-048]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.99	58.1	17.0
60	16	3.88	55.2	16.2
55	13	3.78	52.3	15.3
50	10	3.67	49.3	14.4
47	8	3.61	47.6	14.0
45	7	3.54	45.5	13.3
40	4	3.36	40.4	11.8
35	2	3.18	35.3	10.3
30	-1	3.13	33.8	9.9
25	-4	3.07	32.4	9.5
20	-7	3.02	30.9	9.1
17	-8	2.98	30.0	8.8
15	-9	2.94	28.9	8.5
10	-12	2.84	25.9	7.6
5	-15	2.66	23.1	6.8
0	-18	2.49	20.3	5.9
-5	-21	2.31	17.5	5.1
-10	-23	2.14	14.6	4.3
-15	-26	1.96	11.8	3.5
-20	-29	1.79	9.0	2.6

**HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil Air Volume XP15-048 with [CBX32M-060]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.05	58.0	17.0
60	16	3.94	55.1	16.1
55	13	3.83	52.2	15.3
50	10	3.72	49.3	14.4
47	8	3.66	47.6	14.0
45	7	3.59	45.5	13.3
40	4	3.41	40.4	11.8
35	2	3.24	35.3	10.3
30	-1	3.17	33.8	9.9
25	-4	3.10	32.4	9.5
20	-7	3.04	31.0	9.1
17	-8	3.00	30.1	8.8
15	-9	2.95	28.9	8.5
10	-12	2.84	26.0	7.6
5	-15	2.67	23.2	6.8
0	-18	2.49	20.4	6.0
-5	-21	2.32	17.5	5.1
-10	-23	2.15	14.7	4.3
-15	-26	1.97	11.9	3.5
-20	-29	1.80	9.0	2.6

**RATINGS**

**4 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**AIR HANDLERS**  
**[CBX27UH-048]**

**COOLING CAPACITY - XP15-048 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	47.0	13.8	2.91	.75	.89	1.00	44.5	13.0	3.33	.77	.92	1.00	41.5	12.2	3.80	.79	.95	1.00	38.5	11.3	4.34	.82	.99	1.00
1600	755	48.5	14.2	2.91	.78	.94	1.00	45.5	13.3	3.32	.80	.96	1.00	43.0	12.6	3.80	.83	.99	1.00	40.0	11.7	4.33	.86	1.00	1.00	
67°F (19°C)	1400	660	50.0	14.7	2.91	.59	.73	.86	47.0	13.8	3.34	.60	.74	.88	44.5	13.0	3.80	.61	.77	.91	41.0	12.0	4.34	.63	.79	.95
1600	755	51.5	15.1	2.90	.61	.76	.90	48.5	14.2	3.33	.62	.78	.93	45.5	13.3	3.81	.64	.80	.96	42.5	12.5	4.35	.65	.83	.99	
71°F (22°C)	1400	660	53.0	15.5	2.90	.44	.58	.70	50.0	14.7	3.33	.45	.59	.72	47.0	13.8	3.81	.46	.60	.74	43.5	12.7	4.33	.46	.62	.77
1600	755	54.5	16.0	2.89	.45	.60	.73	51.5	15.1	3.33	.46	.61	.75	48.0	14.1	3.81	.46	.62	.78	45.0	13.2	4.35	.47	.64	.81	

**COOLING CAPACITY - XP15-048 with**

**[CBX27UH-060]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1260	595	44.5	13.0	2.92	.73	.85	.97	42.5	12.5	3.34	.75	.88	.99	40.5	11.9	3.81	.77	.90	1.00	37.6	11.0	4.35	.79	.94	1.00
1600	755	47.5	13.9	2.91	.77	.92	1.00	45.0	13.2	3.33	.79	.94	1.00	42.5	12.5	3.79	.82	.97	1.00	40.0	11.7	4.33	.85	1.00	1.00	
67°F (19°C)	1260	595	47.5	13.9	2.90	.59	.71	.82	45.0	13.2	3.34	.60	.72	.84	42.5	12.5	3.81	.61	.74	.87	40.0	11.7	4.34	.62	.76	.90
1600	755	50.0	14.7	2.90	.61	.75	.88	47.5	13.9	3.33	.63	.77	.91	45.0	13.2	3.81	.64	.79	.94	42.0	12.3	4.34	.66	.82	.98	
71°F (22°C)	1260	595	50.0	14.7	2.90	.45	.57	.68	47.5	13.9	3.33	.45	.58	.70	45.0	13.2	3.81	.46	.59	.72	42.0	12.3	4.35	.46	.61	.74
1600	755	53.0	15.5	2.89	.46	.60	.73	50.0	14.7	3.33	.47	.61	.75	47.0	13.8	3.81	.47	.63	.77	44.0	12.9	4.34	.48	.64	.80	

**HEATING CAPACITY - XP15-048 with**

**[CBX27UH-048]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
kBtuh	kW	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW				
1400	660	57.2	16.8	4.12	44.6	13.1	3.68	31.5	9.2	3.22	22.3	6.5	2.82	11.1	3.3	2.12
1600	755	57.9	17.0	3.96	45.4	13.3	3.53	32.3	9.5	3.07	23.0	6.7	2.67	11.8	3.5	1.97

**HEATING CAPACITY - XP15-048 with**

**[CBX27UH-060]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
kBtuh	kW	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW				
1260	595	56.4	16.5	4.43	43.9	12.9	3.96	30.9	9.1	3.47	21.8	6.4	3.02	10.6	3.1	2.32
1600	755	57.5	16.9	4.11	45.1	13.2	3.63	32.0	9.4	3.14	22.9	6.7	2.69	11.7	3.4	1.99

**HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil Air Volume XP15-048 with**

**[CBX27UH-048]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.96	57.8	16.9
60	16	3.86	54.9	16.1
55	13	3.76	52.0	15.2
50	10	3.66	49.1	14.4
47	8	3.60	47.3	13.9
45	7	3.53	45.3	13.3
40	4	3.35	40.2	11.8
35	2	3.17	35.1	10.3
30	-1	3.12	33.7	9.9
25	-4	3.07	32.2	9.4
20	-7	3.02	30.7	9.0
17	-8	2.99	29.8	8.7
15	-9	2.94	28.7	8.4
10	-12	2.84	25.8	7.6
5	-15	2.67	23.0	6.7
0	-18	2.49	20.2	5.9
-5	-21	2.32	17.4	5.1
-10	-23	2.14	14.6	4.3
-15	-26	1.97	11.8	3.5
-20	-29	1.79	9.0	2.6

**HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil Air Volume XP15-048 with**

**[CBX27UH-060]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.11	57.5	16.9
60	16	4.00	54.6	16.0
55	13	3.88	51.7	15.2
50	10	3.77	48.8	14.3
47	8	3.70	47.1	13.8
45	7	3.63	45.1	13.2
40	4	3.46	40.0	11.7
35	2	3.28	34.9	10.2
30	-1	3.21	33.5	9.8
25	-4	3.14	32.0	9.4
20	-7	3.07	30.6	9.0
17	-8	3.03	29.8	8.7
15	-9	2.98	28.6	8.4
10	-12	2.87	25.7	7.5
5	-15	2.69	22.9	6.7
0	-18	2.52	20.1	5.9
-5	-21	2.34	17.3	5.1
-10	-23	2.17	14.5	4.2
-15	-26	1.99	11.7	3.4
-20	-29	1.82	8.9	2.6

**RATINGS**

**4 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**AIR HANDLERS**

**COOLING CAPACITY - XP15-048 with**

**[CBX32MV-048] [CBX40UH-048]**

Entering Wet Bulb Temperature	Total Air Volume cfm   L/s		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1425	675	47.0	13.8	2.92	.76	.90	1.00	44.5	13.0	3.34	.77	.93	1.00	42.0	12.3	3.80	.80	.96	1.00	38.5	11.3	4.33	.83	.99	1.00
	1625	765	48.5	14.2	2.92	.79	.94	1.00	45.5	13.3	3.34	.81	.97	1.00	43.0	12.6	3.81	.83	.99	1.00	40.0	11.7	4.34	.86	1.00	1.00
	1805	850	49.5	14.5	2.91	.81	.97	1.00	47.0	13.8	3.34	.84	1.00	1.00	44.0	12.9	3.80	.86	1.00	1.00	41.5	12.2	4.35	.90	1.00	1.00
67°F (19°C)	1425	675	50.0	14.7	2.91	.59	.73	.86	47.5	13.9	3.34	.60	.75	.89	44.5	13.0	3.81	.62	.77	.92	41.5	12.2	4.34	.63	.80	.96
	1625	765	51.5	15.1	2.90	.61	.76	.91	48.5	14.2	3.34	.62	.78	.94	45.5	13.3	3.82	.64	.81	.97	42.5	12.5	4.34	.66	.84	1.00
	1805	850	52.5	15.4	2.90	.63	.79	.94	49.5	14.5	3.34	.64	.81	.97	46.5	13.6	3.81	.66	.84	1.00	43.0	12.6	4.34	.68	.87	1.00
71°F (22°C)	1425	675	53.0	15.5	2.90	.45	.58	.71	50.0	14.7	3.34	.45	.59	.72	47.0	13.8	3.80	.46	.60	.74	44.0	12.9	4.35	.46	.62	.77
	1625	765	54.5	16.0	2.89	.45	.60	.74	51.5	15.1	3.34	.46	.61	.76	48.5	14.2	3.82	.47	.63	.78	45.0	13.2	4.35	.47	.65	.81
	1805	850	55.5	16.3	2.89	.46	.62	.76	52.5	15.4	3.34	.47	.63	.79	49.5	14.5	3.81	.47	.65	.81	46.0	13.5	4.36	.48	.67	.85

**COOLING CAPACITY - XP15-048 with**

**[CBX32MV-060] [CBX40UH-060]**

Entering Wet Bulb Temperature	Total Air Volume cfm   L/s		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1425	675	47.5	13.9	2.91	.75	.89	1.00	45.0	13.2	3.35	.77	.92	1.00	42.0	12.3	3.81	.79	.95	1.00	39.0	11.4	4.34	.82	.98	1.00
	1625	765	49.0	14.4	2.91	.78	.93	1.00	46.0	13.5	3.34	.80	.96	1.00	43.5	12.7	3.80	.83	.99	1.00	40.5	11.9	4.34	.86	1.00	1.00
	1805	850	50.0	14.7	2.91	.81	.96	1.00	47.0	13.8	3.33	.83	.99	1.00	44.5	13.0	3.81	.86	1.00	1.00	41.5	12.2	4.35	.89	1.00	1.00
67°F (19°C)	1425	675	50.5	14.8	2.91	.60	.73	.86	47.5	13.9	3.33	.61	.75	.88	45.0	13.2	3.82	.62	.77	.91	41.5	12.2	4.35	.63	.79	.95
	1625	765	52.0	15.2	2.91	.61	.76	.90	49.0	14.4	3.34	.62	.78	.93	46.0	13.5	3.81	.64	.80	.96	43.0	12.6	4.36	.65	.83	.99
	1805	850	53.0	15.5	2.90	.63	.78	.93	50.0	14.7	3.34	.64	.81	.96	47.0	13.8	3.81	.66	.83	.99	43.5	12.7	4.36	.68	.87	1.00
71°F (22°C)	1425	675	53.0	15.5	2.90	.45	.58	.70	50.5	14.8	3.34	.46	.59	.72	47.5	13.9	3.82	.46	.60	.74	44.5	13.0	4.35	.46	.62	.77
	1625	765	54.5	16.0	2.90	.46	.60	.73	51.5	15.1	3.34	.46	.61	.75	49.0	14.4	3.82	.47	.63	.78	45.5	13.3	4.35	.47	.64	.81
	1805	850	56.0	16.4	2.89	.47	.62	.76	52.5	15.4	3.34	.47	.63	.78	49.5	14.5	3.82	.48	.65	.81	46.5	13.6	4.35	.48	.66	.84

**HEATING CAPACITY - XP15-048 with**

**[CBX32MV-048] [CBX40UH-048]**

Indoor Coil Air Volume 70°F db (21°C db)	cfm   L/s		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	kW	Total Heating Capacity	Comp. Motor kW Input	kW	Total Heating Capacity	Comp. Motor kW Input	kW	Total Heating Capacity	Comp. Motor kW Input	kW	Total Heating Capacity	Comp. Motor kW Input	kW
1425	675	57.2	16.8			4.11			44.7			13.1			3.67		
1625	765	58.0	17.0	3.96	45.4	13.3	3.52	32.2	9.4	3.06	23.0	6.7	2.66	11.8	3.5	1.96	
1805	850	58.6	17.2	3.86	46.0	13.5	3.42	32.9	9.6	2.96	23.6	6.9	2.55	12.4	3.6	1.85	

**HEATING CAPACITY - XP15-048 with**

**[CBX32MV-060] [CBX40UH-060]**

Indoor Coil Air Volume 70°F db (21°C db)	cfm   L/s		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	kW	Total Heating Capacity	Comp. Motor kW Input	kW	Total Heating Capacity	Comp. Motor kW Input	kW	Total Heating Capacity	Comp. Motor kW Input	kW	Total Heating Capacity	Comp. Motor kW Input	kW
1425	675	57.2	16.8			4.24			44.7			13.1			3.77		
1625	765	57.9	17.0	4.09	45.4	13.3	3.63	32.2	9.4	3.14	23.0	6.7	2.70	11.8	3.5	2.00	
1805	850	58.5	17.1	3.98	46.0	13.5	3.51	32.8	9.6	3.03	23.6	6.9	2.59	12.4	3.6	1.89	

**HEATING PERFORMANCE at 1625 cfm (765 L/s) Indoor Coil**

**Air Volume XP15-048 with [CBX32MV-048] [CBX40UH-048]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.96	58.0	17.0
60	16	3.86	55.0	16.1
55	13	3.76	52.1	15.3
50	10	3.65	49.2	14.4
47	8	3.59	47.4	13.9
45	7	3.52	45.4	13.3
40	4	3.35	40.3	11.8
35	2	3.17	35.2	10.3
30	-1	3.12	33.7	9.9
25	-4	3.06	32.2	9.4
20	-7	3.01	30.7	9.0
17	-8	2.97	29.9	8.8
15	-9	2.93	28.7	8.4
10	-12	2.83	25.8	7.6
5	-15	2.66	23.0	6.7
0	-18	2.48	20.2	5.9
-5	-21	2.31	17.4	5.1
-10	-23	2.13	14.6	4.3
-15	-26	1.96	11.8	3.5
-20	-29	1.79	9.0	2.6

**HEATING PERFORMANCE at 1625 cfm (765 L/s) Indoor Coil**

**Air Volume XP15-048 with [CBX32MV-060] [CBX40UH-060]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.09	57.9	17.0
60	16	3.98	55.0	16.1
55	13	3.87	52.1	15.3
50	10	3.76	49.2	14.4
47	8	3.70	47.4	13.9
45	7	3.63	45.4	13.3
40	4	3.45	40.2	11.8
35	2	3.27	35.1	10.3
30	-1	3.21	33.6	9.8
25	-4	3.14	32.2	9.4
20	-7	3.08	30.8	9.0
17	-8	3.04	29.9	8.8
15	-9	2.99	28.7	8.4
10	-12	2.88	25.8	7.6
5	-15	2.70	23.0	6.7
0	-18	2.53	20.2	5.9
-5	-21	2.35	17.4	5.1
-10	-23	2.18	14.6	4.3
-15	-26	2.00	11.8	3.5
-20	-29	1.82	9.0	2.6

**RATINGS**

**4 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**AIR HANDLERS**  
**[CBX32MV-068]**

**COOLING CAPACITY - XP15-048 with**

Entering Wet Bulb Temperature	Total Air Volume cfm   L/s		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1455	685	48.0	14.1	2.94	.75	.89	1.00	45.0	13.2	3.36	.76	.91	1.00	42.5	12.5	3.84	.79	.94	1.00	39.5	11.6	4.37	.81	.98	1.00
	1625	765	49.0	14.4	2.94	.77	.92	1.00	46.0	13.5	3.37	.79	.95	1.00	43.5	12.7	3.83	.81	.98	1.00	40.5	11.9	4.37	.85	1.00	1.00
	1800	850	50.0	14.7	2.93	.80	.95	1.00	47.0	13.8	3.37	.82	.98	1.00	44.0	12.9	3.83	.84	1.00	1.00	41.5	12.2	4.38	.88	1.00	1.00
67°F (19°C)	1455	685	51.0	14.9	2.93	.59	.72	.85	48.0	14.1	3.36	.60	.74	.87	45.5	13.3	3.85	.61	.76	.91	42.0	12.3	4.37	.63	.79	.94
	1625	765	52.0	15.2	2.93	.60	.75	.88	49.0	14.4	3.36	.62	.77	.91	46.5	13.6	3.84	.63	.79	.94	43.0	12.6	4.37	.65	.82	.98
	1800	850	53.0	15.5	2.92	.62	.77	.92	50.0	14.7	3.37	.63	.79	.95	47.0	13.8	3.84	.65	.82	.98	43.5	12.7	4.37	.66	.85	1.00
71°F (22°C)	1455	685	54.0	15.8	2.93	.45	.58	.70	51.0	14.9	3.36	.46	.59	.71	48.0	14.1	3.84	.46	.60	.73	45.0	13.2	4.38	.46	.61	.76
	1625	765	55.0	16.1	2.91	.46	.59	.72	52.0	15.2	3.37	.46	.60	.74	49.0	14.4	3.85	.47	.61	.76	46.0	13.5	4.38	.47	.63	.79
	1800	850	56.0	16.4	2.91	.46	.60	.74	53.0	15.5	3.36	.47	.62	.77	50.0	14.7	3.84	.47	.63	.79	46.5	13.6	4.39	.48	.65	.82

**HEATING CAPACITY - XP15-048 with**

**[CBX32MV-068]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input		
cfm	L/s	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh
1455	685	56.3	16.5	4.53	44.1	12.9	4.02	31.2	9.1	3.49	22.2	6.5	3.03	11.1	3.3	2.28				
1625	765	56.8	16.6	4.36	44.6	13.1	3.85	31.7	9.3	3.32	22.7	6.7	2.86	11.6	3.4	2.12				
1800	850	57.4	16.8	4.24	45.1	13.2	3.73	32.3	9.5	3.20	23.3	6.8	2.74	12.2	3.6	1.99				

**HEATING PERFORMANCE at 1625 cfm (765 L/s) Indoor Coil**

**Air Volume XP15-048 with [CBX32MV-068]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.36	56.8	16.6
60	16	4.24	54.0	15.8
55	13	4.12	51.1	15.0
50	10	4.00	48.3	14.2
47	8	3.93	46.6	13.7
45	7	3.85	44.6	13.1
40	4	3.65	39.5	11.6
35	2	3.45	34.5	10.1
30	-1	3.38	33.1	9.7
25	-4	3.32	31.7	9.3
20	-7	3.25	30.3	8.9
17	-8	3.21	29.5	8.6
15	-9	3.17	28.3	8.3
10	-12	3.05	25.5	7.5
5	-15	2.86	22.7	6.7
0	-18	2.67	19.9	5.8
-5	-21	2.49	17.2	5.0
-10	-23	2.30	14.4	4.2
-15	-26	2.12	11.6	3.4
-20	-29	1.93	8.8	2.6

**RATINGS**

**4 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**  
**[CX34-49C-6F + G60UHV-60C-090]**

**COOLING CAPACITY - XP15-048 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1460	690	48.0	14.1	2.94	.77	.90	1.00	45.5	13.3	3.36	.79	.93	1.00	43.0	12.6	3.84	.81	.96	1.00	40.0	11.7	4.38	.84	1.00	1.00
	1635	770	49.5	14.5	2.94	.79	.94	1.00	46.5	13.6	3.37	.81	.97	1.00	44.0	12.9	3.83	.84	1.00	1.00	41.0	12.0	4.38	.88	1.00	1.00
	1795	845	50.5	14.8	2.93	.82	.97	1.00	47.5	13.9	3.36	.84	1.00	1.00	45.0	13.2	3.85	.87	1.00	1.00	42.5	12.5	4.38	.91	1.00	1.00
67°F (19°C)	1460	690	51.0	14.9	2.93	.61	.74	.87	48.0	14.1	3.37	.62	.76	.90	45.5	13.3	3.84	.63	.78	.93	42.0	12.3	4.39	.65	.81	.97
	1635	770	52.0	15.2	2.93	.63	.77	.90	49.5	14.5	3.36	.64	.79	.93	46.5	13.6	3.85	.66	.82	.97	43.0	12.6	4.39	.67	.85	1.00
	1795	845	53.0	15.5	2.92	.64	.79	.94	50.5	14.8	3.36	.66	.82	.97	47.5	13.9	3.85	.67	.84	1.00	44.0	12.9	4.40	.70	.88	1.00
71°F (22°C)	1460	690	53.5	15.7	2.92	.47	.60	.72	51.0	14.9	3.37	.47	.61	.74	48.0	14.1	3.84	.48	.62	.76	45.0	13.2	4.39	.49	.64	.79
	1635	770	55.0	16.1	2.92	.48	.61	.74	52.0	15.2	3.37	.48	.63	.76	49.0	14.4	3.84	.49	.64	.79	46.0	13.5	4.39	.50	.66	.82
	1795	845	56.0	16.4	2.91	.48	.63	.77	53.0	15.5	3.36	.49	.65	.79	50.0	14.7	3.85	.50	.66	.82	46.5	13.6	4.40	.51	.69	.86

**COOLING CAPACITY - XP15-048 with**

**[CX34-60D-6F + G60UHV-60D-135]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1430	675	47.5	13.9	2.93	.76	.90	1.00	45.0	13.2	3.34	.78	.93	1.00	42.5	12.5	3.82	.80	.96	1.00	39.5	11.6	4.35	.83	.99	1.00
	1575	745	48.5	14.2	2.92	.78	.93	1.00	46.0	13.5	3.34	.80	.96	1.00	43.0	12.6	3.82	.83	.99	1.00	40.5	11.9	4.35	.86	1.00	1.00
	1695	800	49.5	14.5	2.92	.80	.95	1.00	46.5	13.6	3.34	.82	.98	1.00	44.0	12.9	3.81	.85	1.00	1.00	41.0	12.0	4.35	.88	1.00	1.00
67°F (19°C)	1430	675	50.5	14.8	2.91	.61	.74	.86	48.0	14.1	3.34	.62	.75	.89	45.0	13.2	3.81	.63	.78	.92	42.0	12.3	4.36	.64	.80	.96
	1575	745	51.5	15.1	2.91	.62	.76	.89	49.0	14.4	3.34	.63	.78	.92	46.0	13.5	3.83	.65	.80	.95	42.5	12.5	4.35	.66	.83	.99
	1695	800	52.5	15.4	2.91	.63	.77	.92	49.5	14.5	3.34	.64	.79	.95	46.5	13.6	3.83	.66	.82	.98	43.5	12.7	4.35	.68	.86	1.00
71°F (22°C)	1430	675	53.5	15.7	2.90	.46	.59	.71	51.0	14.9	3.35	.47	.60	.73	48.0	14.1	3.81	.47	.61	.75	44.5	13.0	4.36	.48	.63	.78
	1575	745	55.0	16.1	2.89	.47	.60	.73	52.0	15.2	3.34	.47	.62	.75	49.0	14.4	3.82	.48	.63	.78	45.5	13.3	4.36	.49	.65	.81
	1695	800	55.5	16.3	2.89	.48	.61	.75	52.5	15.4	3.34	.48	.63	.77	49.5	14.5	3.82	.49	.65	.80	46.0	13.5	4.35	.50	.67	.83

**HEATING CAPACITY - XP15-048 with**

**[CX34-49C-6F + G60UHV-60C-090]**

Indoor Coil Air Volume 70°F db (21°C db)	Total Air Volume		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb
kBtuh	kW	kBtuh	kW			kBtuh			kW			kBtuh			kW		
1460	690	56.5	16.6	4.66	44.2	13.0	4.13	31.4	9.2	3.58	22.4	6.6	3.11	11.2	3.3	2.35	
	1635	770	57.0	16.7	4.49	44.8	13.1	3.96	32.0	9.4	3.40	23.0	6.7	2.93	11.7	3.4	2.17
	1795	845	57.6	16.9	4.36	45.3	13.3	3.83	32.5	9.5	3.28	23.5	6.9	2.81	12.3	3.6	2.04

**HEATING CAPACITY - XP15-048 with**

**[CX34-60D-6F + G60UHV-60D-135]**

Indoor Coil Air Volume 70°F db (21°C db)	Total Air Volume		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb
kBtuh	kW	kBtuh	kW			kBtuh			kW			kBtuh			kW		
1430	675	56.2	16.5	4.66	44.0	12.9	4.12	31.2	9.1	3.56	22.3	6.5	3.09	11.1	3.3	2.32	
	1575	745	56.7	16.6	4.52	44.5	13.0	3.98	31.7	9.3	3.42	22.8	6.7	2.94	11.6	3.4	2.18
	1695	800	57.0	16.7	4.41	44.8	13.1	3.87	32.0	9.4	3.31	23.1	6.8	2.84	12.0	3.5	2.07

**HEATING PERFORMANCE at 1635 cfm (770 L/s) Indoor Coil**

**Air Volume XP15-048 with [CX34-49C-6F + G60UHV-60C-090]**

*Outdoor Temperature		Compressor Motor kW Input				Total Output	
°F	°C	kW Input		kBtuh	kW	kW	
65	18	4.49				57.0	16.7
60	16	4.36		54.2	15.9		
55	13	4.24		51.3	15.0		
50	10	4.12		48.5	14.2		
47	8	4.04		46.8	13.7		
45	7	3.96		44.8	13.1		
40	4	3.75		39.8	11.7		
35	2	3.54		34.7	10.2		
30	-1	3.47		33.3	9.8		
25	-4	3.40		32.0	9.4		
20	-7	3.34		30.6	9.0		
17	-8	3.30		29.8	8.7		
15	-9	3.25		28.6	8.4		
10	-12	3.12		25.8	7.6		
5	-15	2.93		23.0	6.7		
0	-18	2.74		20.2	5.9		
-5	-21	2.55		17.4	5.1		
-10	-23	2.36		14.5	4.2		
-15	-26	2.17		11.7	3.4		
-20	-29	1.98		8.9	2.6		

**HEATING PERFORMANCE at 1575 cfm (745 L/s) Indoor Coil**

**Air Volume XP15-048 with [CX34-60D-6F + G60UHV-60D-135]**

*Outdoor Temperature		Compressor Motor kW Input				Total Output	
°F	°C	kW Input		kBtuh	kW	kW	
65	18	4.52				56.7	16.6
60	16	4.40		53.9	15.8		
55	13	4.27		51.1	15.0		
50	10	4.14		48.2	14.1		
47	8	4.07		46.5	13.6		
45	7	3.98		44.5	13.0		
40	4	3.77		39.5	11.6		
35	2	3.55		34.5	10.1		
30	-1	3.48		33.1	9.7		
25	-4	3.42		31.7	9.3		
20	-7	3.35		30.3	8.9		
17	-8	3.31		29.5	8.6		
15	-9	3.26		28.4	8.3		
10	-12	3.14		25.5	7.5		
5	-15	2.94		22.8	6.7		
0	-18	2.75		20.0	5.9		
-5	-21	2.56		17.2	5.0		
-10	-23	2.37		14.4	4.2		
-15	-26	2.18		11.6	3.4		
-20	-29	1.99		8.9	2.6		

**RATINGS**

**4 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**  
**[CX34-60D-6F + G61MPV-60D-135]**

**COOLING CAPACITY - XP15-048 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	47.5	13.9	2.96	.76	.89	1.00	45.0	13.2	3.40	.78	.92	1.00	42.0	12.3	3.87	.80	.95	1.00	39.0	11.4	4.41	.83	.99	1.00
	1600	755	49.0	14.4	2.95	.79	.93	1.00	46.0	13.5	3.39	.81	.96	1.00	43.5	12.7	3.86	.83	.99	1.00	40.5	11.9	4.41	.87	1.00	1.00
	1780	840	50.0	14.7	2.95	.81	.97	1.00	47.5	13.9	3.39	.84	1.00	1.00	44.5	13.0	3.86	.87	1.00	1.00	42.0	12.3	4.41	.90	1.00	1.00
67°F (19°C)	1400	660	50.5	14.8	2.96	.60	.73	.86	47.5	13.9	3.39	.61	.75	.88	45.0	13.2	3.87	.63	.77	.91	42.0	12.3	4.41	.64	.80	.95
	1600	755	52.0	15.2	2.94	.62	.76	.90	49.0	14.4	3.39	.63	.78	.93	46.0	13.5	3.87	.65	.81	.96	43.0	12.6	4.41	.67	.84	1.00
	1780	840	53.0	15.5	2.94	.64	.79	.93	50.0	14.7	3.39	.65	.81	.96	47.0	13.8	3.88	.67	.84	1.00	43.5	12.7	4.41	.69	.88	1.00
71°F (22°C)	1400	660	53.5	15.7	2.94	.46	.59	.71	50.5	14.8	3.39	.47	.60	.73	47.5	13.9	3.87	.47	.61	.75	44.5	13.0	4.42	.48	.63	.77
	1600	755	55.0	16.1	2.93	.47	.61	.74	52.0	15.2	3.39	.48	.62	.76	49.0	14.4	3.88	.48	.64	.78	45.5	13.3	4.42	.49	.65	.81
	1780	840	56.5	16.6	2.93	.48	.62	.76	53.0	15.5	3.39	.49	.64	.79	50.0	14.7	3.87	.50	.66	.82	46.5	13.6	4.41	.50	.68	.85

**COOLING CAPACITY - XP15-048 with**

**[CX34-62D-6F + G60UHV-60D-135]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1430	675	48.0	14.1	2.95	.76	.90	1.00	45.5	13.3	3.38	.78	.93	1.00	43.0	12.6	3.85	.80	.96	1.00	39.5	11.6	4.39	.83	.99	1.00
	1575	745	49.0	14.4	2.95	.78	.93	1.00	46.5	13.6	3.38	.80	.96	1.00	43.5	12.7	3.85	.83	.99	1.00	41.0	12.0	4.39	.86	1.00	1.00
	1695	800	50.0	14.7	2.94	.80	.95	1.00	47.5	13.9	3.38	.82	.98	1.00	44.5	13.0	3.85	.85	1.00	1.00	42.0	12.3	4.40	.89	1.00	1.00
67°F (19°C)	1430	675	51.0	14.9	2.94	.60	.74	.86	48.5	14.2	3.37	.62	.75	.89	45.5	13.3	3.86	.63	.77	.92	42.5	12.5	4.41	.65	.81	.96
	1575	745	52.0	15.2	2.93	.62	.76	.89	49.5	14.5	3.38	.63	.78	.92	46.5	13.6	3.86	.65	.81	.95	43.0	12.6	4.39	.66	.84	.99
	1695	800	53.0	15.5	2.93	.63	.77	.92	50.0	14.7	3.38	.64	.80	.95	47.0	13.8	3.86	.66	.83	.98	44.0	12.9	4.39	.68	.86	1.00
71°F (22°C)	1430	675	54.0	15.8	2.93	.46	.59	.71	51.5	15.1	3.37	.47	.60	.73	48.5	14.2	3.86	.47	.61	.75	45.0	13.2	4.40	.48	.63	.78
	1575	745	55.5	16.3	2.92	.47	.60	.73	52.5	15.4	3.38	.47	.61	.75	49.5	14.5	3.87	.48	.63	.78	46.0	13.5	4.40	.49	.65	.81
	1695	800	56.5	16.6	2.92	.47	.61	.75	53.0	15.5	3.38	.48	.63	.77	50.0	14.7	3.86	.49	.65	.80	46.5	13.6	4.39	.50	.67	.83

**HEATING CAPACITY - XP15-048 with**

**[CX34-60D-6F + G61MPV-60D-135]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1400	660	56.2	16.5	4.70	44.0	12.9	4.17	31.2	9.1	3.61	22.2	6.5	3.14	11.0	3.2	2.37				
1600	755	56.9	16.7	4.50	44.7	13.1	3.96	31.9	9.3	3.40	22.9	6.7	2.93	11.7	3.4	2.17				
1780	840	57.5	16.9	4.35	45.3	13.3	3.82	32.5	9.5	3.26	23.5	6.9	2.79	12.3	3.6	2.03				

**HEATING CAPACITY - XP15-048 with**

**[CX34-62D-6F + G60UHV-60D-135]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1430	675	56.2	16.5	4.65	44.0	12.9	4.11	31.2	9.1	3.56	22.3	6.5	3.08	11.1	3.3	2.31				
1575	745	56.7	16.6	4.51	44.5	13.0	3.98	31.7	9.3	3.42	22.8	6.7	2.94	11.6	3.4	2.17				
1695	800	57.0	16.7	4.40	44.8	13.1	3.87	32.0	9.4	3.31	23.1	6.8	2.83	12.0	3.5	2.07				

**HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil**

**Air Volume XP15-048 with [CX34-60D-6F + G61MPV-60D-135]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.50	56.9	16.7
60	16	4.37	54.1	15.9
55	13	4.25	51.2	15.0
50	10	4.12	48.4	14.2
47	8	4.05	46.7	13.7
45	7	3.96	44.7	13.1
40	4	3.75	39.7	11.6
35	2	3.54	34.6	10.1
30	-1	3.47	33.3	9.8
25	-4	3.40	31.9	9.3
20	-7	3.34	30.5	8.9
17	-8	3.30	29.7	8.7
15	-9	3.25	28.5	8.4
10	-12	3.12	25.7	7.5
5	-15	2.93	22.9	6.7
0	-18	2.74	20.1	5.9
-5	-21	2.55	17.3	5.1
-10	-23	2.36	14.5	4.2
-15	-26	2.17	11.7	3.4
-20	-29	1.98	8.9	2.6

**HEATING PERFORMANCE at 1575 cfm (745 L/s) Indoor Coil**

**Air Volume XP15-048 with [CX34-62D-6F + G60UHV-60D-135]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.51	56.7	16.6
60	16	4.39	53.9	15.8
55	13	4.26	51.1	15.0
50	10	4.13	48.2	14.1
47	8	4.06	46.5	13.6
45	7	3.98	44.5	13.0
40	4	3.77	39.5	11.6
35	2	3.56	34.5	10.1
30	-1	3.49	33.1	9.7
25	-4	3.42	31.7	9.3
20	-7	3.35	30.3	8.9
17	-8	3.30	29.5	8.6
15	-9	3.25	28.4	8.3
10	-12	3.13	25.5	7.5
5	-15	2.94	22.8	6.7
0	-18	2.75	20.0	5.9
-5	-21	2.56	17.2	5.0
-10	-23	2.37	14.4	4.2
-15	-26	2.17	11.6	3.4
-20	-29	1.98	8.9	2.6



**RATINGS**

**4 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**UP-FLOW INDOOR COIL WITH GAS FURNACES**  
**[CX34-62D-6F + G61MPV-60D-135]**

**COOLING CAPACITY - XP15-048 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	48.0	14.1	2.91	.76	.89	1.00	45.5	13.3	3.34	.78	.92	1.00	42.5	12.5	3.81	.80	.95	1.00	39.5	11.6	4.35	.83	.99	1.00
	1600	755	49.5	14.5	2.92	.79	.93	1.00	46.5	13.6	3.34	.81	.96	1.00	44.0	12.9	3.81	.84	.99	1.00	41.0	12.0	4.35	.87	1.00	1.00
	1780	840	50.5	14.8	2.90	.82	.97	1.00	48.0	14.1	3.34	.84	1.00	1.00	45.5	13.3	3.82	.87	1.00	1.00	42.5	12.5	4.35	.91	1.00	1.00
67°F (19°C)	1400	660	51.0	14.9	2.91	.60	.73	.86	48.5	14.2	3.35	.61	.75	.88	45.5	13.3	3.82	.63	.77	.92	42.0	12.3	4.36	.64	.80	.95
	1600	755	52.5	15.4	2.90	.62	.76	.90	49.5	14.5	3.34	.64	.78	.93	46.5	13.6	3.82	.65	.81	.96	43.5	12.7	4.35	.67	.84	1.00
	1780	840	53.5	15.7	2.90	.64	.79	.93	50.5	14.8	3.34	.66	.82	.97	47.5	13.9	3.83	.67	.85	1.00	44.0	12.9	4.35	.69	.88	1.00
71°F (22°C)	1400	660	54.0	15.8	2.90	.46	.59	.71	51.0	14.9	3.35	.47	.60	.73	48.0	14.1	3.82	.47	.61	.74	45.0	13.2	4.36	.48	.63	.77
	1600	755	55.5	16.3	2.89	.47	.61	.74	52.5	15.4	3.35	.48	.62	.76	49.5	14.5	3.82	.48	.64	.78	46.0	13.5	4.35	.49	.66	.82
	1780	840	57.0	16.7	2.89	.48	.63	.77	53.5	15.7	3.34	.49	.64	.79	50.5	14.8	3.82	.50	.66	.82	47.0	13.8	4.36	.51	.68	.85

**HEATING CAPACITY - XP15-048 with**

**[CX34-62D-6F + G61MPV-60D-135]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	
cfm	L/s	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW
1400	660	56.2	16.5	4.68	44.0	12.9	4.15	31.2	9.1	3.61	22.2	6.5	3.13	11.0	3.2	2.37
1600	755	56.9	16.7	4.48	44.7	13.1	3.96	31.9	9.3	3.41	22.9	6.7	2.93	11.7	3.4	2.17
1780	840	57.5	16.9	4.34	45.3	13.3	3.81	32.5	9.5	3.27	23.5	6.9	2.79	12.3	3.6	2.03

**HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil**  
**Air Volume XP15-048 with [CX34-62D-6F + G61MPV-60D-135]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.48	56.9	16.7
60	16	4.36	54.1	15.9
55	13	4.24	51.2	15.0
50	10	4.11	48.4	14.2
47	8	4.04	46.7	13.7
45	7	3.96	44.7	13.1
40	4	3.75	39.7	11.6
35	2	3.55	34.6	10.1
30	-1	3.48	33.3	9.8
25	-4	3.41	31.9	9.3
20	-7	3.34	30.5	8.9
17	-8	3.30	29.7	8.7
15	-9	3.25	28.5	8.4
10	-12	3.13	25.7	7.5
5	-15	2.93	22.9	6.7
0	-18	2.74	20.1	5.9
-5	-21	2.55	17.3	5.1
-10	-23	2.36	14.5	4.2
-15	-26	2.17	11.7	3.4
-20	-29	1.98	8.9	2.6

**RATINGS**

**4 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**DOWN-FLOW INDOOR COILS**  
**[CR33-50/60C-F]**

**COOLING CAPACITY - XP15-048 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	47.5	13.9	2.97	.77	.90	1.00	44.5	13.0	3.40	.79	.93	1.00	42.0	12.3	3.87	.81	.96	1.00	39.0	11.4	4.42	.84	.99	1.00
	1600	755	49.0	14.4	2.96	.80	.95	1.00	46.0	13.5	3.39	.82	.97	1.00	43.0	12.6	3.88	.85	.99	1.00	40.5	11.9	4.43	.88	1.00	1.00
	1800	850	50.0	14.7	2.96	.83	.98	1.00	47.0	13.8	3.40	.85	1.00	1.00	44.5	13.0	3.87	.88	1.00	1.00	42.0	12.3	4.43	.92	1.00	1.00
67°F (19°C)	1400	660	50.5	14.8	2.96	.61	.74	.87	47.5	13.9	3.40	.62	.76	.90	44.5	13.0	3.89	.63	.78	.93	41.5	12.2	4.43	.65	.81	.96
	1600	755	51.5	15.1	2.95	.63	.77	.91	49.0	14.4	3.40	.64	.79	.94	46.0	13.5	3.87	.66	.82	.97	42.5	12.5	4.42	.68	.85	.99
	1800	850	53.0	15.5	2.94	.65	.80	.95	50.0	14.7	3.40	.66	.83	.98	47.0	13.8	3.88	.68	.86	1.00	43.5	12.7	4.42	.70	.89	1.00
71°F (22°C)	1400	660	53.0	15.5	2.95	.46	.59	.71	50.5	14.8	3.40	.47	.60	.73	47.5	13.9	3.88	.48	.62	.76	44.0	12.9	4.43	.48	.64	.78
	1600	755	54.5	16.0	2.94	.47	.61	.75	51.5	15.1	3.39	.48	.63	.77	48.5	14.2	3.87	.49	.64	.79	45.0	13.2	4.41	.50	.66	.83
	1800	850	56.0	16.4	2.94	.48	.63	.78	53.0	15.5	3.40	.49	.65	.80	49.5	14.5	3.89	.50	.67	.83	46.0	13.5	4.43	.51	.69	.87

**COOLING CAPACITY - XP15-048 with**

**[CR33-60D-F]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	47.5	13.9	2.96	.77	.90	1.00	44.5	13.0	3.39	.79	.93	1.00	42.0	12.3	3.86	.81	.96	1.00	39.0	11.4	4.40	.84	.99	1.00
	1600	755	49.0	14.4	2.95	.80	.95	1.00	46.0	13.5	3.38	.82	.97	1.00	43.0	12.6	3.87	.85	.99	1.00	40.5	11.9	4.41	.88	1.00	1.00
	1800	850	50.0	14.7	2.95	.83	.98	1.00	47.0	13.8	3.39	.85	1.00	1.00	44.5	13.0	3.86	.88	1.00	1.00	42.0	12.3	4.42	.92	1.00	1.00
67°F (19°C)	1400	660	50.5	14.8	2.95	.61	.74	.87	47.5	13.9	3.39	.62	.76	.90	44.5	13.0	3.88	.63	.78	.93	41.5	12.2	4.41	.65	.81	.96
	1600	755	51.5	15.1	2.94	.63	.77	.91	49.0	14.4	3.39	.64	.79	.94	46.0	13.5	3.85	.66	.82	.97	42.5	12.5	4.41	.68	.85	.99
	1800	850	53.0	15.5	2.94	.65	.80	.95	50.0	14.7	3.39	.66	.83	.98	46.5	13.6	3.87	.68	.86	1.00	43.5	12.7	4.40	.70	.89	1.00
71°F (22°C)	1400	660	53.0	15.5	2.94	.46	.59	.71	50.5	14.8	3.39	.47	.60	.73	47.5	13.9	3.87	.48	.62	.76	44.0	12.9	4.42	.48	.64	.78
	1600	755	54.5	16.0	2.93	.47	.61	.75	51.5	15.1	3.38	.48	.63	.77	48.5	14.2	3.86	.49	.64	.79	45.0	13.2	4.40	.50	.66	.83
	1800	850	56.0	16.4	2.93	.48	.63	.78	53.0	15.5	3.39	.49	.65	.80	49.5	14.5	3.88	.50	.67	.83	46.0	13.5	4.41	.51	.69	.87

**HEATING CAPACITY - XP15-048 with**

**[CR33-50/60C-F]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1400	660	58.3	17.1	3.96	45.6	13.4	3.56	32.3	9.5	3.13	22.9	6.7	2.79	11.4	3.3	2.09				
1600	755	58.9	17.3	3.80	46.2	13.5	3.41	32.9	9.6	2.98	23.5	6.9	2.63	12.0	3.5	1.94				
1800	850	59.5	17.4	3.70	46.8	13.7	3.31	33.5	9.8	2.88	24.0	7.0	2.53	12.6	3.7	1.84				

**HEATING CAPACITY - XP15-048 with**

**[CR33-60D-F]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1400	660	58.3	17.1	3.96	45.6	13.4	3.56	32.3	9.5	3.13	22.9	6.7	2.79	11.4	3.3	2.09				
1600	755	58.9	17.3	3.80	46.2	13.5	3.41	32.9	9.6	2.98	23.5	6.9	2.63	12.0	3.5	1.94				
1800	850	59.5	17.4	3.70	46.8	13.7	3.31	33.5	9.8	2.88	24.0	7.0	2.53	12.6	3.7	1.84				

**HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil**

**[CR33-50/60C-F]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.80	58.9	17.3
60	16	3.71	56.0	16.4
55	13	3.62	53.0	15.5
50	10	3.53	50.0	14.7
47	8	3.48	48.3	14.2
45	7	3.41	46.2	13.5
40	4	3.22	41.1	12.0
35	2	3.04	35.9	10.5
30	-1	3.01	34.4	10.1
25	-4	2.98	32.9	9.6
20	-7	2.95	31.4	9.2
17	-8	2.93	30.5	8.9
15	-9	2.90	29.3	8.6
10	-12	2.81	26.3	7.7
5	-15	2.63	23.5	6.9
0	-18	2.46	20.6	6.0
-5	-21	2.28	17.7	5.2
-10	-23	2.11	14.9	4.4
-15	-26	1.94	12.0	3.5
-20	-29	1.76	9.1	2.7

**HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil**

**[CR33-60D-F]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.80	58.9	17.3
60	16	3.71	56.0	16.4
55	13	3.62	53.0	15.5
50	10	3.53	50.0	14.7
47	8	3.48	48.3	14.2
45	7	3.41	46.2	13.5
40	4	3.22	41.1	12.0
35	2	3.04	35.9	10.5
30	-1	3.01	34.4	10.1
25	-4	2.98	32.9	9.6
20	-7	2.95	31.4	9.2
17	-8	2.93	30.5	8.9
15	-9	2.90	29.3	8.6
10	-12	2.81	26.3	7.7
5	-15	2.63	23.5	6.9
0	-18	2.46	20.6	6.0
-5	-21	2.28	17.7	5.2
-10	-23	2.11	14.9	4.4
-15	-26	1.94	12.0	3.5
-20	-29	1.76	9.1	2.7

**RATINGS**

**4 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**DOWN-FLOW INDOOR COILS WITH GAS FURNACES**

[CR33-50/60C-F + G60DFV-60C-090]

**COOLING CAPACITY - XP15-048 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1390	655	47.0	13.8	2.96	.76	.90	1.00	44.5	13.0	3.39	.78	.92	1.00	41.5	12.2	3.85	.80	.95	1.00	39.0	11.4	4.39	.83	.98	1.00
	1565	740	48.5	14.2	2.94	.79	.94	1.00	45.5	13.3	3.39	.81	.96	1.00	43.0	12.6	3.86	.83	.99	1.00	40.0	11.7	4.40	.87	1.00	1.00
	1750	825	49.5	14.5	2.94	.82	.97	1.00	46.5	13.6	3.37	.84	.99	1.00	44.0	12.9	3.85	.87	1.00	1.00	41.5	12.2	4.41	.91	1.00	1.00
67°F (19°C)	1390	655	50.0	14.7	2.95	.60	.73	.86	47.5	13.9	3.39	.61	.75	.89	44.5	13.0	3.87	.63	.77	.92	41.0	12.0	4.40	.64	.80	.95
	1565	740	51.5	15.1	2.93	.62	.76	.90	48.5	14.2	3.37	.63	.78	.93	45.5	13.3	3.85	.65	.81	.96	42.0	12.3	4.39	.67	.84	.99
	1750	825	52.5	15.4	2.94	.64	.79	.94	49.5	14.5	3.38	.65	.82	.97	46.5	13.6	3.86	.67	.84	.99	43.0	12.6	4.41	.69	.88	1.00
71°F (22°C)	1390	655	53.0	15.5	2.94	.46	.58	.71	50.0	14.7	3.38	.46	.60	.73	47.0	13.8	3.87	.47	.61	.75	44.0	12.9	4.41	.48	.63	.78
	1565	740	54.5	16.0	2.93	.47	.60	.74	51.5	15.1	3.37	.47	.62	.76	48.0	14.1	3.86	.48	.63	.78	45.0	13.2	4.40	.49	.65	.81
	1750	825	55.5	16.3	2.92	.48	.62	.77	52.5	15.4	3.38	.48	.64	.79	49.0	14.4	3.87	.49	.66	.82	46.0	13.5	4.41	.50	.68	.85

**COOLING CAPACITY - XP15-048 with**

[CR33-50/60C-F + G61MPV-60C-090]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1440	680	47.5	13.9	2.93	.77	.91	1.00	45.0	13.2	3.35	.79	.94	1.00	42.0	12.3	3.82	.81	.97	1.00	39.0	11.4	4.36	.84	.99	1.00
	1605	760	48.5	14.2	2.92	.79	.95	1.00	46.0	13.5	3.34	.82	.97	1.00	43.0	12.6	3.82	.84	.99	1.00	40.5	11.9	4.37	.88	1.00	1.00
	1755	830	49.5	14.5	2.92	.82	.97	1.00	46.5	13.6	3.35	.84	.99	1.00	44.0	12.9	3.82	.87	1.00	1.00	41.5	12.2	4.37	.91	1.00	1.00
67°F (19°C)	1440	680	50.5	14.8	2.92	.61	.74	.87	47.5	13.9	3.35	.62	.76	.90	45.0	13.2	3.83	.63	.79	.93	41.5	12.2	4.37	.65	.82	.97
	1605	760	51.5	15.1	2.91	.63	.77	.91	49.0	14.4	3.35	.64	.79	.94	46.0	13.5	3.81	.65	.82	.97	42.5	12.5	4.36	.67	.85	.99
	1755	830	53.0	15.5	2.91	.64	.79	.94	49.5	14.5	3.35	.66	.82	.97	46.5	13.6	3.83	.67	.85	.99	43.0	12.6	4.36	.70	.88	1.00
71°F (22°C)	1440	680	53.5	15.7	2.90	.46	.59	.72	50.5	14.8	3.35	.47	.61	.74	47.5	13.9	3.83	.47	.62	.76	44.0	12.9	4.37	.48	.64	.79
	1605	760	54.5	16.0	2.90	.47	.61	.74	51.5	15.1	3.34	.48	.62	.77	48.5	14.2	3.82	.48	.64	.79	45.0	13.2	4.35	.49	.66	.82
	1755	830	56.0	16.4	2.90	.48	.63	.77	52.5	15.4	3.35	.49	.64	.79	49.5	14.5	3.84	.50	.66	.82	46.0	13.5	4.37	.51	.68	.86

**HEATING CAPACITY - XP15-048 with**

[CR33-50/60C-F + G60DFV-60C-090]

Indoor Coil Air Volume 70°F db (21°C db)	Total Air Volume		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb
kBtuh	kW	kBtuh	kW			kBtuh			kW			kBtuh			kW		
1390	655	57.8	16.9	3.96	45.1	13.2	3.55	31.8	9.3	3.12	22.4	6.6	2.77	11.2	3.3	2.07	
1565	740	58.3	17.1	3.82	45.7	13.4	3.42	32.4	9.5	2.98	23.0	6.7	2.63	11.8	3.5	1.94	
1750	825	58.9	17.3	3.72	46.3	13.6	3.32	33.0	9.7	2.88	23.6	6.9	2.53	12.4	3.6	1.84	

**HEATING CAPACITY - XP15-048 with**

[CR33-50/60C-F + G61MPV-60C-090]

Indoor Coil Air Volume 70°F db (21°C db)	Total Air Volume		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb
kBtuh	kW	kBtuh	kW			kBtuh			kW			kBtuh			kW		
1440	680	58.2	17.1	3.92	45.5	13.3	3.51	32.2	9.4	3.09	22.7	6.7	2.74	11.4	3.3	2.05	
1605	760	58.7	17.2	3.80	46.0	13.5	3.40	32.7	9.6	2.97	23.3	6.8	2.62	11.9	3.5	1.93	
1755	830	59.3	17.4	3.73	46.6	13.7	3.33	33.3	9.8	2.90	23.8	7.0	2.55	12.5	3.7	1.86	

**HEATING PERFORMANCE at 1565 cfm (740 L/s) Indoor Coil**

Air Volume XP15-048 with [CR33-50/60C-F + G60DFV-60C-090]

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.82	58.3	17.1
60	16	3.73	55.4	16.2
55	13	3.64	52.4	15.4
50	10	3.54	49.5	14.5
47	8	3.49	47.7	14.0
45	7	3.42	45.7	13.4
40	4	3.23	40.6	11.9
35	2	3.04	35.5	10.4
30	-1	3.01	33.9	9.9
25	-4	2.98	32.4	9.5
20	-7	2.95	30.9	9.1
17	-8	2.94	30.0	8.8
15	-9	2.90	28.8	8.4
10	-12	2.81	25.8	7.6
5	-15	2.63	23.0	6.7
0	-18	2.46	20.2	5.9
-5	-21	2.28	17.4	5.1
-10	-23	2.11	14.6	4.3
-15	-26	1.94	11.8	3.5
-20	-29	1.76	9.0	2.6

**HEATING PERFORMANCE at 1605 cfm (760 L/s) Indoor Coil**

Air Volume XP15-048 with [CR33-50/60C-F + G61MPV-60C-090]

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.80	58.7	17.2
60	16	3.71	55.8	16.4
55	13	3.62	52.8	15.5
50	10	3.53	49.8	14.6
47	8	3.47	48.1	14.1
45	7	3.40	46.0	13.5
40	4	3.21	40.9	12.0
35	2	3.03	35.8	10.5
30	-1	3.00	34.2	10.0
25	-4	2.97	32.7	9.6
20	-7	2.94	31.2	9.1
17	-8	2.92	30.3	8.9
15	-9	2.89	29.1	8.5
10	-12	2.80	26.1	7.6
5	-15	2.62	23.3	6.8
0	-18	2.45	20.4	6.0
-5	-21	2.28	17.6	5.2
-10	-23	2.10	14.8	4.3
-15	-26	1.93	11.9	3.5
-20	-29	1.76	9.1	2.7

**RATINGS**

**4 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**DOWN-FLOW INDOOR COILS WITH GAS FURNACES**  
**[CR33-60D-F + G60DFV-60D-135]**

**COOLING CAPACITY - XP15-048 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17°C)	1440	680	47.5	13.9	2.96	.77	.91	1.00	45.0	13.2	3.40	.79	.94	1.00	42.0	12.3	3.87	.81	.97	1.00	39.0	11.4	4.41	.84	.99	1.00
	1645	775	49.0	14.4	2.95	.80	.95	1.00	46.0	13.5	3.38	.82	.98	1.00	43.5	12.7	3.87	.85	1.00	1.00	40.5	11.9	4.42	.88	1.00	1.00
	1810	855	50.0	14.7	2.95	.82	.98	1.00	47.0	13.8	3.39	.85	1.00	1.00	44.5	13.0	3.86	.88	1.00	1.00	41.5	12.2	4.42	.92	1.00	1.00
67°F (19°C)	1440	680	50.5	14.8	2.95	.61	.74	.87	47.5	13.9	3.39	.62	.76	.90	44.5	13.0	3.87	.63	.78	.93	41.5	12.2	4.42	.65	.81	.96
	1645	775	52.0	15.2	2.94	.63	.77	.92	49.0	14.4	3.39	.64	.80	.94	46.0	13.5	3.87	.66	.82	.97	42.5	12.5	4.41	.68	.86	1.00
	1810	855	53.0	15.5	2.94	.64	.80	.95	50.0	14.7	3.39	.66	.83	.98	46.5	13.6	3.87	.68	.86	1.00	43.5	12.7	4.41	.70	.89	1.00
71°F (22°C)	1440	680	53.5	15.7	2.94	.46	.59	.72	50.5	14.8	3.39	.47	.60	.73	47.5	13.9	3.87	.47	.62	.76	44.0	12.9	4.42	.48	.64	.79
	1645	775	55.0	16.1	2.93	.47	.61	.75	52.0	15.2	3.38	.48	.63	.77	48.5	14.2	3.87	.48	.64	.80	45.0	13.3	4.41	.49	.66	.83
	1810	855	56.0	16.4	2.93	.48	.63	.78	53.0	15.5	3.39	.49	.65	.80	49.5	14.5	3.88	.49	.66	.83	46.0	13.5	4.41	.51	.69	.86

**COOLING CAPACITY - XP15-048 with**

**[CR33-50/60C-F + G61MPV-60C-110]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17°C)	1405	665	47.5	13.9	2.94	.76	.90	1.00	44.5	13.0	3.37	.78	.93	1.00	42.0	12.3	3.83	.81	.96	1.00	39.0	11.4	4.37	.83	.99	1.00
	1605	760	48.5	14.2	2.92	.79	.95	1.00	46.0	13.5	3.35	.82	.97	1.00	43.0	12.6	3.83	.84	.99	1.00	40.5	11.9	4.38	.88	1.00	1.00
	1790	845	50.0	14.7	2.93	.82	.98	1.00	47.0	13.8	3.36	.85	1.00	1.00	44.5	13.0	3.83	.88	1.00	1.00	41.5	12.2	4.38	.92	1.00	1.00
67°F (19°C)	1405	665	50.0	14.7	2.93	.60	.74	.87	47.5	13.9	3.36	.62	.76	.89	44.5	13.0	3.84	.63	.78	.93	41.5	12.2	4.38	.65	.81	.96
	1605	760	51.5	15.1	2.92	.62	.77	.91	49.0	14.4	3.36	.64	.79	.94	46.0	13.5	3.82	.65	.82	.97	42.5	12.5	4.37	.67	.85	.99
	1790	845	53.0	15.5	2.92	.64	.80	.95	50.0	14.7	3.36	.66	.82	.97	46.5	13.6	3.84	.68	.85	.99	43.5	12.7	4.37	.70	.89	1.00
71°F (22°C)	1405	665	53.0	15.5	2.91	.46	.59	.71	50.0	14.7	3.36	.47	.60	.73	47.0	13.8	3.84	.47	.61	.75	44.0	12.9	4.38	.48	.63	.78
	1605	760	54.5	16.0	2.91	.47	.61	.75	51.5	15.1	3.35	.48	.62	.77	48.5	14.2	3.83	.48	.64	.79	45.0	13.2	4.36	.49	.66	.82
	1790	845	56.0	16.4	2.90	.48	.63	.78	53.0	15.5	3.36	.49	.65	.80	49.5	14.5	3.85	.50	.67	.83	46.0	13.5	4.38	.51	.69	.86

**HEATING CAPACITY - XP15-048 with**

**[CR33-50/60C-F + G61MPV-60C-110]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
cfm	L/s	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input			
1405	665	58.0	17.0	3.94	45.3	13.3	3.54	32.0	9.4	3.12	22.5	6.6	2.77	11.2	3.3	2.07
1605	760	58.7	17.2	3.80	46.0	13.5	3.40	32.7	9.6	2.97	23.3	6.8	2.62	11.9	3.5	1.93
1790	845	59.4	17.4	3.71	46.7	13.7	3.31	33.4	9.8	2.88	23.9	7.0	2.53	12.6	3.7	1.84

**HEATING CAPACITY - XP15-048 with**

**[CR33-60D-F + G60DFV-60D-135]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
cfm	L/s	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input			
1440	680	58.0	17.0	3.90	45.2	13.2	3.51	31.9	9.3	3.09	22.5	6.6	2.75	11.2	3.3	2.06
1645	775	58.6	17.2	3.76	45.9	13.5	3.37	32.5	9.5	2.95	23.1	6.8	2.60	11.8	3.5	1.91
1810	855	59.2	17.3	3.69	46.4	13.6	3.29	33.1	9.7	2.87	23.7	6.9	2.53	12.4	3.6	1.84

**HEATING PERFORMANCE AT 1605 cfm (760 L/s) Indoor Coil**

**Air Volume XP15-048 with [CR33-50/60C-F + G61MPV-60C-110]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.80	58.7	17.2
60	16	3.71	55.8	16.4
55	13	3.62	52.8	15.5
50	10	3.52	49.8	14.6
47	8	3.47	48.1	14.1
45	7	3.40	46.0	13.5
40	4	3.21	40.9	12.0
35	2	3.03	35.8	10.5
30	-1	3.00	34.2	10.0
25	-4	2.97	32.7	9.6
20	-7	2.94	31.2	9.1
17	-8	2.92	30.3	8.9
15	-9	2.89	29.1	8.5
10	-12	2.80	26.1	7.6
5	-15	2.62	23.3	6.8
0	-18	2.45	20.4	6.0
-5	-21	2.28	17.6	5.2
-10	-23	2.10	14.8	4.3
-15	-26	1.93	11.9	3.5
-20	-29	1.76	9.1	2.7

**HEATING PERFORMANCE AT 1645 cfm (775 L/s) Indoor Coil**

**Air Volume XP15-048 with [CR33-60D-F + G60DFV-60D-135]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.76	58.6	17.2
60	16	3.67	55.6	16.3
55	13	3.58	52.6	15.4
50	10	3.49	49.7	14.6
47	8	3.44	47.9	14.0
45	7	3.37	45.9	13.5
40	4	3.19	40.8	12.0
35	2	3.01	35.7	10.5
30	-1	2.98	34.1	10.0
25	-4	2.95	32.5	9.5
20	-7	2.92	31.0	9.1
17	-8	2.90	30.1	8.8
15	-9	2.87	28.9	8.5
10	-12	2.78	25.9	7.6
5	-15	2.60	23.1	6.8
0	-18	2.43	20.3	5.9
-5	-21	2.26	17.5	5.1
-10	-23	2.09	14.6	4.3
-15	-26	1.91	11.8	3.5
-20	-29	1.74	9.0	2.6

**RATINGS**

**4 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**HORIZONTAL INDOOR COILS**

[CH23-68]

**COOLING CAPACITY - XP15-048 with**

Entering Wet Bulb Temperature	Total Air Volume cfm   L/s		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	48.0	14.1	2.90	.77	.91	1.00	45.5	13.3	3.33	.79	.93	1.00	42.5	12.5	3.80	.81	.96	1.00	40.0	11.7	4.33	.84	.99	1.00
	1600	755	49.5	14.5	2.90	.80	.95	1.00	47.0	13.8	3.33	.82	.98	1.00	44.0	12.9	3.79	.85	1.00	1.00	41.5	12.2	4.34	.89	1.00	1.00
	1800	850	51.0	14.9	2.90	.83	.98	1.00	48.0	14.1	3.33	.86	1.00	1.00	45.5	13.3	3.81	.89	1.00	1.00	43.0	12.6	4.33	.93	1.00	1.00
67°F (19°C)	1400	660	51.0	14.9	2.89	.61	.74	.87	48.5	14.2	3.33	.62	.76	.90	45.5	13.3	3.81	.63	.79	.93	42.0	12.3	4.34	.65	.81	.96
	1600	755	52.5	15.4	2.89	.63	.77	.92	49.5	14.5	3.33	.64	.80	.94	46.5	13.6	3.81	.66	.82	.97	43.5	12.7	4.33	.68	.86	1.00
	1800	850	54.0	15.8	2.89	.65	.81	.95	50.5	14.8	3.33	.66	.83	.98	47.5	13.9	3.80	.68	.86	1.00	44.0	12.9	4.33	.71	.90	1.00
71°F (22°C)	1400	660	54.5	16.0	2.89	.46	.59	.72	51.5	15.1	3.33	.47	.61	.74	48.5	14.2	3.81	.48	.62	.76	45.0	13.2	4.34	.48	.64	.79
	1600	755	56.0	16.4	2.88	.48	.61	.75	53.0	15.5	3.33	.48	.63	.77	49.5	14.5	3.81	.49	.65	.80	46.0	13.5	4.33	.50	.67	.83
	1800	850	57.0	16.7	2.88	.49	.64	.78	54.0	15.8	3.33	.49	.65	.81	50.5	14.8	3.82	.50	.67	.84	47.0	13.8	4.34	.51	.70	.88

**COOLING CAPACITY - XP15-048 with**

[CH33-62D-2F]

Entering Wet Bulb Temperature	Total Air Volume cfm   L/s		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	47.5	13.9	2.96	.76	.89	1.00	45.0	13.2	3.39	.78	.91	1.00	42.0	12.3	3.87	.80	.94	1.00	39.5	11.6	4.41	.82	.98	1.00
	1600	755	49.0	14.4	2.95	.78	.93	1.00	46.5	13.6	3.39	.80	.95	1.00	43.5	12.7	3.87	.83	.98	1.00	40.5	11.9	4.40	.86	1.00	1.00
	1800	850	50.0	14.7	2.95	.81	.96	1.00	47.5	13.9	3.38	.83	.99	1.00	44.5	13.0	3.87	.86	1.00	1.00	42.0	12.3	4.41	.90	1.00	1.00
67°F (19°C)	1400	660	50.5	14.8	2.95	.61	.73	.85	47.5	13.9	3.38	.62	.75	.88	45.0	13.2	3.87	.63	.77	.91	42.0	12.3	4.41	.65	.80	.94
	1600	755	52.0	15.2	2.95	.62	.76	.89	49.0	14.4	3.39	.63	.78	.92	46.0	13.5	3.86	.65	.80	.95	43.0	12.6	4.42	.67	.84	.99
	1800	850	53.0	15.5	2.94	.64	.79	.93	50.0	14.7	3.38	.65	.81	.96	47.0	13.8	3.87	.67	.84	.99	44.0	12.9	4.42	.69	.87	1.00
71°F (22°C)	1400	660	53.5	15.7	2.94	.47	.59	.71	50.0	14.8	3.39	.47	.60	.73	47.5	13.9	3.88	.48	.61	.75	44.5	13.0	4.41	.49	.63	.77
	1600	755	55.0	16.1	2.94	.48	.61	.74	52.0	15.2	3.39	.48	.62	.75	49.0	14.4	3.88	.49	.64	.78	45.5	13.3	4.42	.50	.66	.81
	1800	850	56.5	16.6	2.93	.49	.63	.76	53.0	15.5	3.39	.49	.64	.78	50.0	14.7	3.87	.50	.66	.81	46.5	13.6	4.42	.51	.68	.85

**HEATING CAPACITY - XP15-048 with**

[CH23-68]

Indoor Coil Air Volume 70°F db (21°C db)	cfm   L/s		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb
kBtuh	kW	kBtuh	kW			kBtuh			kW			kBtuh			kW		
1400	660	59.1	17.3	3.69	46.1	13.5	3.34	32.6	9.6	2.97	22.9	6.7	2.66	11.5	3.4	1.99	
1600	755	59.7	17.5	3.56	46.7	13.7	3.21	33.1	9.7	2.84	23.5	6.9	2.53	12.0	3.5	1.85	
1800	850	60.2	17.6	3.47	47.2	13.8	3.12	33.6	9.8	2.75	24.0	7.0	2.44	12.5	3.7	1.76	

**HEATING CAPACITY - XP15-048 with**

[CH33-62D-2F]

Indoor Coil Air Volume 70°F db (21°C db)	cfm   L/s		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb
kBtuh	kW	kBtuh	kW			kBtuh			kW			kBtuh			kW		
1400	660	56.9	16.7	4.63	44.6	13.1	4.11	31.7	9.3	3.57	22.7	6.7	3.11	11.3	3.3	2.36	
1600	755	57.5	16.9	4.43	45.2	13.2	3.91	32.4	9.5	3.37	23.3	6.8	2.91	11.9	3.5	2.16	
1800	850	58.0	17.0	4.27	45.7	13.4	3.75	32.9	9.6	3.20	23.8	7.0	2.75	12.4	3.6	1.99	

**HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil**

[CH23-68]

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kBtuh	kW	kBtuh	kW
65	18	3.56	59.7	17.5	
60	16	3.48	56.7	16.6	
55	13	3.40	53.6	15.7	
50	10	3.32	50.6	14.8	
47	8	3.28	48.8	14.3	
45	7	3.21	46.7	13.7	
40	4	3.05	41.5	12.2	
35	2	2.88	36.3	10.6	
30	-1	2.86	34.7	10.2	
25	-4	2.84	33.1	9.7	
20	-7	2.82	31.5	9.2	
17	-8	2.81	30.6	9.0	
15	-9	2.78	29.4	8.6	
10	-12	2.70	26.3	7.7	
5	-15	2.53	23.5	6.9	
0	-18	2.36	20.6	6.0	
-5	-21	2.19	17.8	5.2	
-10	-23	2.02	14.9	4.4	
-15	-26	1.85	12.0	3.5	
-20	-29	1.68	9.2	2.7	

**HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil**

[CH33-62D-2F]

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kBtuh	kW	kBtuh	kW
65	18	4.43	57.5	16.9	
60	16	4.31	54.7	16.0	
55	13	4.19	51.8	15.2	
50	10	4.07	49.0	14.4	
47	8	4.00	47.3	13.9	
45	7	3.91	45.2	13.2	
40	4	3.70	40.2	11.8	
35	2	3.48	35.1	10.3	
30	-1	3.42	33.7	9.9	
25	-4	3.37	32.4	9.5	
20	-7	3.31	31.0	9.1	
17	-8	3.27	30.2	8.9	
15	-9	3.23	29.0	8.5	
10	-12	3.10	26.2	7.7	
5	-15	2.91	23.3	6.8	
0	-18	2.72	20.5	6.0	
-5	-21	2.53	17.6	5.2	
-10	-23	2.34	14.8	4.3	
-15	-26	2.16	11.9	3.5	
-20	-29	1.97	9.0	2.6	

**RATINGS**

**4 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**HORIZONTAL INDOOR COILS WITH GAS FURNACES**  
[CH23-68 + G60UHV-60D-135]

**COOLING CAPACITY - XP15-048 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1435	675	47.5	13.9	2.92	.76	.89	1.00	45.0	13.2	3.33	.78	.92	1.00	42.5	12.5	3.79	.80	.95	1.00	39.5	11.6	4.33	.83	.98	1.00
	1575	745	48.5	14.2	2.91	.78	.92	1.00	46.0	13.5	3.33	.80	.94	1.00	43.0	12.6	3.80	.82	.98	1.00	40.0	11.7	4.33	.85	1.00	1.00
	1745	825	49.5	14.5	2.90	.80	.95	1.00	47.0	13.8	3.33	.82	.98	1.00	44.0	12.9	3.80	.85	1.00	1.00	41.5	12.2	4.33	.88	1.00	1.00
67°F (19°C)	1435	675	50.5	14.8	2.90	.61	.73	.86	48.0	14.1	3.33	.62	.75	.88	45.0	13.2	3.81	.63	.77	.91	42.0	12.3	4.33	.65	.80	.95
	1575	745	51.5	15.1	2.90	.62	.75	.88	48.5	14.2	3.32	.63	.77	.91	45.5	13.3	3.80	.64	.79	.94	42.5	12.5	4.34	.66	.83	.98
	1745	825	52.5	15.4	2.89	.63	.78	.91	49.5	14.5	3.33	.64	.80	.94	46.5	13.6	3.80	.66	.82	.98	43.5	12.7	4.34	.68	.86	1.00
71°F (22°C)	1435	675	53.5	15.7	2.88	.47	.59	.71	50.5	14.8	3.33	.47	.60	.73	47.5	13.9	3.80	.48	.61	.75	44.5	13.0	4.34	.48	.63	.77
	1575	745	54.5	16.0	2.89	.47	.60	.73	51.5	15.1	3.32	.48	.61	.75	48.5	14.2	3.81	.48	.63	.77	45.5	13.3	4.34	.49	.65	.80
	1745	825	55.5	16.3	2.88	.48	.62	.75	52.5	15.4	3.33	.48	.63	.77	49.5	14.5	3.81	.49	.65	.80	46.5	13.6	4.34	.50	.67	.83

**COOLING CAPACITY - XP15-048 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	47.5	13.9	2.91	.75	.88	1.00	45.0	13.2	3.34	.77	.91	1.00	42.0	12.3	3.80	.79	.94	1.00	39.0	11.4	4.34	.82	.98	1.00
	1600	755	49.0	14.4	2.90	.78	.92	1.00	46.0	13.5	3.34	.80	.95	1.00	43.5	12.7	3.81	.83	.98	1.00	40.5	11.9	4.33	.86	1.00	1.00
	1780	840	50.0	14.7	2.90	.80	.95	1.00	47.0	13.8	3.33	.83	.98	1.00	44.5	13.0	3.80	.86	1.00	1.00	41.5	12.2	4.34	.89	1.00	1.00
67°F (19°C)	1400	660	50.0	14.7	2.91	.60	.73	.85	47.5	13.9	3.33	.61	.75	.87	44.5	13.0	3.81	.62	.77	.90	41.5	12.2	4.34	.64	.79	.94
	1600	755	51.5	15.1	2.90	.62	.75	.89	49.0	14.4	3.33	.63	.78	.91	46.0	13.5	3.81	.65	.80	.95	43.0	12.6	4.35	.66	.83	.99
	1780	840	53.0	15.5	2.89	.64	.78	.92	50.0	14.7	3.33	.65	.80	.95	47.0	13.8	3.81	.67	.83	.98	43.5	12.7	4.35	.69	.87	1.00
71°F (22°C)	1400	660	53.0	15.5	2.89	.47	.59	.70	50.5	14.8	3.33	.47	.60	.72	47.5	13.9	3.81	.47	.61	.74	44.5	13.0	4.34	.48	.63	.77
	1600	755	55.0	16.1	2.89	.47	.60	.73	52.0	15.2	3.34	.48	.62	.75	49.0	14.4	3.82	.48	.63	.77	45.5	13.3	4.35	.49	.65	.81
	1780	840	56.0	16.4	2.89	.48	.62	.76	53.0	15.5	3.33	.49	.64	.78	50.0	14.7	3.82	.49	.65	.81	46.5	13.6	4.35	.50	.67	.84

**HEATING CAPACITY - XP15-048 with**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1435	675	56.6	16.6	4.60	44.4	13.0	4.07	31.5	9.2	3.52	22.6	6.6	3.06	11.4	3.3	2.30				
1575	745	56.9	16.7	4.44	44.7	13.1	3.92	31.8	9.3	3.37	22.9	6.7	2.91	11.7	3.4	2.15				
1745	825	57.4	16.8	4.30	45.2	13.2	3.77	32.3	9.5	3.22	23.3	6.8	2.76	12.2	3.6	2.01				

**HEATING CAPACITY - XP15-048 with**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1400	660	56.5	16.6	4.63	44.2	13.0	4.11	31.3	9.2	3.56	22.3	6.5	3.11	11.1	3.3	2.36				
1600	755	57.1	16.7	4.42	44.9	13.2	3.90	32.0	9.4	3.35	23.0	6.7	2.90	11.7	3.4	2.15				
1780	840	57.7	16.9	4.27	45.4	13.3	3.75	32.6	9.6	3.21	23.6	6.9	2.76	12.3	3.6	2.00				

**HEATING PERFORMANCE AT 1575 cfm (745 L/s) Indoor Coil**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.44	56.9	16.7
60	16	4.32	54.1	15.9
55	13	4.20	51.2	15.0
50	10	4.08	48.4	14.2
47	8	4.00	46.7	13.7
45	7	3.92	44.7	13.1
40	4	3.70	39.6	11.6
35	2	3.48	34.6	10.1
30	-1	3.42	33.2	9.7
25	-4	3.37	31.8	9.3
20	-7	3.31	30.5	8.9
17	-8	3.27	29.6	8.7
15	-9	3.22	28.5	8.4
10	-12	3.10	25.7	7.5
5	-15	2.91	22.9	6.7
0	-18	2.72	20.1	5.9
-5	-21	2.53	17.3	5.1
-10	-23	2.34	14.5	4.2
-15	-26	2.15	11.7	3.4
-20	-29	1.96	8.9	2.6

**HEATING PERFORMANCE AT 1600 cfm (755 L/s) Indoor Coil**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.42	57.1	16.7
60	16	4.30	54.3	15.9
55	13	4.18	51.4	15.1
50	10	4.06	48.6	14.2
47	8	3.99	46.9	13.7
45	7	3.90	44.9	13.2
40	4	3.68	39.8	11.7
35	2	3.47	34.8	10.2
30	-1	3.41	33.4	9.8
25	-4	3.35	32.0	9.4
20	-7	3.30	30.6	9.0
17	-8	3.26	29.8	8.7
15	-9	3.21	28.6	8.4
10	-12	3.09	25.8	7.6
5	-15	2.90	23.0	6.7
0	-18	2.71	20.2	5.9
-5	-21	2.53	17.4	5.1
-10	-23	2.34	14.6	4.3
-15	-26	2.15	11.7	3.4
-20	-29	1.96	8.9	2.6

**RATINGS**

**4 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**HORIZONTAL INDOOR COILS WITH GAS FURNACES**

[CH33-50/60C-2F + G60UHV-60C-090]

**COOLING CAPACITY - XP15-048 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1460	690	48.0	14.1	2.93	.76	.90	1.00	45.0	13.2	3.36	.78	.93	1.00	42.5	12.5	3.83	.80	.96	1.00	39.5	11.6	4.37	.83	.99	1.00
	1635	770	49.0	14.4	2.93	.79	.93	1.00	46.0	13.5	3.37	.81	.96	1.00	43.5	12.7	3.83	.83	.99	1.00	40.5	11.9	4.37	.86	1.00	1.00
	1810	855	50.0	14.7	2.93	.81	.97	1.00	47.5	13.9	3.36	.84	.99	1.00	44.5	13.0	3.83	.86	1.00	1.00	42.0	12.3	4.38	.90	1.00	1.00
67°F (19°C)	1460	690	51.0	14.9	2.92	.61	.74	.86	48.0	14.1	3.37	.62	.75	.89	45.0	13.2	3.83	.63	.78	.92	42.0	12.3	4.38	.64	.80	.96
	1635	770	52.0	15.2	2.92	.62	.76	.90	49.0	14.4	3.36	.63	.78	.93	46.0	13.5	3.84	.65	.81	.96	43.0	12.6	4.38	.67	.84	1.00
	1810	855	53.5	15.7	2.92	.64	.79	.93	50.0	14.7	3.36	.65	.81	.96	47.0	13.8	3.85	.67	.84	.99	43.5	12.7	4.37	.69	.87	1.00
71°F (22°C)	1460	690	54.0	15.8	2.92	.47	.59	.71	51.0	14.9	3.37	.47	.60	.73	48.0	14.1	3.84	.47	.61	.75	44.5	13.0	4.39	.48	.63	.78
	1635	770	55.0	16.1	2.90	.47	.61	.74	52.0	15.2	3.37	.48	.62	.76	49.0	14.4	3.85	.48	.63	.78	45.5	13.3	4.39	.49	.65	.81
	1810	855	56.5	16.6	2.91	.48	.63	.76	53.0	15.5	3.36	.49	.64	.79	50.0	14.7	3.84	.50	.66	.81	46.5	13.6	4.37	.50	.68	.85

**COOLING CAPACITY - XP15-048 with**

[CH33-60D-2F + G60UHV-60D-135]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1435	675	47.5	13.9	2.93	.76	.89	1.00	44.5	13.0	3.35	.77	.92	1.00	42.0	12.3	3.82	.80	.95	1.00	39.0	11.4	4.37	.82	.98	1.00
	1575	745	48.5	14.2	2.93	.77	.92	1.00	45.5	13.3	3.34	.79	.95	1.00	42.5	12.5	3.82	.82	.98	1.00	39.5	11.6	4.35	.85	1.00	1.00
	1745	825	49.5	14.5	2.93	.80	.95	1.00	46.5	13.6	3.35	.82	.98	1.00	43.5	12.7	3.83	.85	1.00	1.00	41.0	12.0	4.36	.88	1.00	1.00
67°F (19°C)	1435	675	50.5	14.8	2.93	.60	.73	.86	47.5	13.9	3.35	.61	.75	.88	44.5	13.0	3.83	.63	.77	.91	41.5	12.2	4.36	.64	.80	.95
	1575	745	51.5	15.1	2.92	.61	.75	.88	48.5	14.2	3.35	.63	.77	.91	45.5	13.3	3.83	.64	.79	.94	42.5	12.5	4.37	.66	.82	.98
	1745	825	52.5	15.4	2.92	.63	.77	.91	49.5	14.5	3.35	.64	.79	.94	46.5	13.6	3.83	.66	.82	.98	43.0	12.6	4.36	.68	.85	1.00
71°F (22°C)	1435	675	53.5	15.7	2.91	.47	.59	.70	50.5	14.8	3.35	.47	.60	.72	47.5	13.9	3.82	.47	.61	.74	44.5	13.0	4.37	.48	.63	.77
	1575	745	54.5	16.0	2.90	.47	.60	.72	51.5	15.1	3.35	.47	.61	.74	48.5	14.2	3.84	.48	.63	.77	45.0	13.2	4.37	.49	.64	.80
	1745	825	55.5	16.3	2.90	.48	.61	.75	52.5	15.4	3.35	.48	.63	.77	49.5	14.5	3.83	.49	.64	.79	46.0	13.5	4.36	.50	.66	.83

**HEATING CAPACITY - XP15-048 with**

[CH33-50/60C-2F + G60UHV-60C-090]

Indoor Coil Air Volume 70°F db (21°C db)	Total Air Volume		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb
kBtuh	kW	kBtuh	kW			kBtuh			kW			kBtuh			kW		
1460	690	56.5	16.6	4.64	44.3	13.0	4.12	31.5	9.2	3.58	22.5	6.6	3.11	11.2	3.3	2.35	
1635	770	57.1	16.7	4.46	44.9	13.2	3.94	32.0	9.4	3.40	23.0	6.7	2.93	11.8	3.5	2.17	
1810	855	57.8	16.9	4.33	45.5	13.3	3.81	32.7	9.6	3.27	23.7	6.9	2.80	12.4	3.6	2.03	

**HEATING CAPACITY - XP15-048 with**

[CH33-60D-2F + G60UHV-60D-135]

Indoor Coil Air Volume 70°F db (21°C db)	Total Air Volume		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb
kBtuh	kW	kBtuh	kW			kBtuh			kW			kBtuh			kW		
1435	675	56.3	16.5	4.72	44.1	12.9	4.16	31.3	9.2	3.58	22.4	6.6	3.09	11.3	3.3	2.33	
1575	745	56.6	16.6	4.59	44.4	13.0	4.03	31.7	9.3	3.45	22.7	6.7	2.96	11.6	3.4	2.19	
1745	825	57.1	16.7	4.43	44.9	13.2	3.87	32.2	9.4	3.29	23.2	6.8	2.80	12.1	3.5	2.04	

**HEATING PERFORMANCE at 1635 cfm (770 L/s) Indoor Coil**

Air Volume XP15-048 with [CH33-50/60C-2F + G60UHV-60C-090]

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.46	57.1	16.7
60	16	4.34	54.3	15.9
55	13	4.22	51.4	15.1
50	10	4.10	48.6	14.2
47	8	4.02	46.9	13.7
45	7	3.94	44.9	13.2
40	4	3.74	39.8	11.7
35	2	3.54	34.8	10.2
30	-1	3.47	33.4	9.8
25	-4	3.40	32.0	9.4
20	-7	3.33	30.6	9.0
17	-8	3.29	29.8	8.7
15	-9	3.24	28.7	8.4
10	-12	3.12	25.8	7.6
5	-15	2.93	23.0	6.7
0	-18	2.74	20.2	5.9
-5	-21	2.55	17.4	5.1
-10	-23	2.36	14.6	4.3
-15	-26	2.17	11.8	3.5
-20	-29	1.97	8.9	2.6

**HEATING PERFORMANCE at 1575 cfm (745 L/s) Indoor Coil**

Air Volume XP15-048 with [CH33-60D-2F + G60UHV-60D-135]

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.59	56.6	16.6
60	16	4.46	53.8	15.8
55	13	4.33	51.0	14.9
50	10	4.19	48.1	14.1
47	8	4.12	46.4	13.6
45	7	4.03	44.4	13.0
40	4	3.81	39.4	11.5
35	2	3.59	34.4	10.1
30	-1	3.52	33.0	9.7
25	-4	3.45	31.7	9.3
20	-7	3.37	30.3	8.9
17	-8	3.33	29.5	8.6
15	-9	3.28	28.4	8.3
10	-12	3.15	25.5	7.5
5	-15	2.96	22.7	6.7
0	-18	2.77	20.0	5.9
-5	-21	2.58	17.2	5.0
-10	-23	2.38	14.4	4.2
-15	-26	2.19	11.6	3.4
-20	-29	2.00	8.8	2.6

**RATINGS**

**4 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**HORIZONTAL INDOOR COILS WITH GAS FURNACES**  
**[CH33-62D-2F + G60UHV-60D-135]**

**COOLING CAPACITY - XP15-048 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1435	675	47.5	13.9	2.92	.76	.89	1.00	45.0	13.2	3.33	.78	.92	1.00	42.5	12.5	3.80	.80	.95	1.00	39.5	11.6	4.34	.83	.98	1.00
	1575	745	48.5	14.2	2.91	.78	.92	1.00	46.0	13.5	3.33	.80	.94	1.00	43.0	12.6	3.81	.82	.98	1.00	40.0	11.7	4.33	.85	1.00	1.00
	1745	825	49.5	14.5	2.90	.80	.95	1.00	47.0	13.8	3.33	.82	.98	1.00	44.0	12.9	3.80	.85	1.00	1.00	41.5	12.2	4.34	.88	1.00	1.00
67°F (19°C)	1435	675	50.5	14.8	2.91	.61	.73	.86	48.0	14.1	3.33	.62	.75	.88	45.0	13.2	3.81	.63	.77	.91	42.0	12.3	4.34	.64	.80	.95
	1575	745	51.5	15.1	2.90	.62	.75	.88	48.5	14.2	3.33	.63	.77	.91	45.5	13.3	3.81	.64	.79	.94	42.5	12.5	4.35	.66	.82	.98
	1745	825	52.5	15.4	2.90	.63	.77	.91	49.5	14.5	3.33	.64	.80	.94	46.5	13.6	3.80	.66	.82	.98	43.5	12.7	4.35	.68	.86	1.00
71°F (22°C)	1435	675	53.5	15.7	2.89	.47	.59	.71	50.5	14.8	3.33	.47	.60	.73	47.5	13.9	3.81	.48	.61	.75	44.5	13.0	4.34	.48	.63	.77
	1575	745	54.5	16.0	2.89	.47	.60	.73	51.5	15.1	3.33	.48	.61	.75	48.5	14.2	3.82	.48	.63	.77	45.5	13.3	4.35	.49	.65	.80
	1745	825	55.5	16.3	2.89	.48	.62	.75	52.5	15.4	3.33	.48	.63	.77	49.5	14.5	3.82	.49	.65	.80	46.0	13.5	4.35	.50	.67	.83

**COOLING CAPACITY - XP15-048 with**

**[CH33-62D-2F + G61MPV-60D-135]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	47.5	13.9	2.91	.75	.88	1.00	45.0	13.2	3.34	.77	.91	1.00	42.0	12.3	3.80	.79	.94	1.00	39.0	11.4	4.34	.82	.98	1.00
	1600	755	49.0	14.4	2.90	.78	.92	1.00	46.0	13.5	3.34	.80	.95	1.00	43.5	12.7	3.81	.83	.98	1.00	40.5	11.9	4.33	.86	1.00	1.00
	1780	840	50.0	14.7	2.90	.80	.95	1.00	47.0	13.8	3.33	.83	.98	1.00	44.5	13.0	3.80	.85	1.00	1.00	41.5	12.2	4.34	.89	1.00	1.00
67°F (19°C)	1400	660	50.0	14.7	2.91	.60	.73	.85	47.5	13.9	3.33	.61	.74	.87	44.5	13.0	3.81	.62	.77	.90	41.5	12.2	4.34	.64	.79	.94
	1600	755	51.5	15.1	2.90	.62	.76	.89	49.0	14.4	3.33	.63	.78	.91	46.0	13.5	3.81	.65	.80	.95	43.0	12.6	4.35	.66	.83	.99
	1780	840	53.0	15.5	2.89	.63	.78	.92	50.0	14.7	3.33	.65	.80	.95	47.0	13.8	3.81	.67	.83	.98	43.5	12.7	4.35	.69	.87	1.00
71°F (22°C)	1400	660	53.0	15.5	2.89	.46	.59	.70	50.5	14.8	3.33	.47	.60	.72	47.5	13.9	3.81	.47	.61	.74	44.5	13.0	4.34	.48	.62	.76
	1600	755	55.0	16.1	2.89	.47	.60	.73	52.0	15.2	3.33	.48	.62	.75	49.0	14.4	3.82	.48	.63	.77	45.5	13.3	4.35	.49	.65	.80
	1780	840	56.0	16.4	2.89	.48	.62	.76	53.0	15.5	3.33	.49	.63	.78	50.0	14.7	3.82	.49	.65	.81	46.5	13.6	4.35	.50	.67	.84

**HEATING CAPACITY - XP15-048 with**

**[CH33-62D-2F + G60UHV-60D-135]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1435	675	56.6	16.6	4.59	44.3	13.0	4.07	31.5	9.2	3.51	22.5	6.6	3.06	11.4	3.3	2.30				
1575	745	56.9	16.7	4.44	44.6	13.1	3.92	31.8	9.3	3.36	22.8	6.7	2.91	11.7	3.4	2.15				
1745	825	57.3	16.8	4.30	45.1	13.2	3.77	32.3	9.5	3.22	23.3	6.8	2.76	12.1	3.5	2.00				

**HEATING CAPACITY - XP15-048 with**

**[CH33-62D-2F + G61MPV-60D-135]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1400	660	56.4	16.5	4.63	44.1	12.9	4.11	31.3	9.2	3.56	22.3	6.5	3.11	11.1	3.3	2.36				
1600	755	57.1	16.7	4.42	44.8	13.1	3.90	31.9	9.3	3.35	22.9	6.7	2.90	11.7	3.4	2.15				
1780	840	57.6	16.9	4.27	45.4	13.3	3.75	32.5	9.5	3.21	23.5	6.9	2.76	12.3	3.6	2.00				

**HEATING PERFORMANCE at 1575 cfm (575 L/s) Indoor Coil**

**Air Volume XP15-048 with [CH33-62D-2F + G60UHV-60D-135]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.44	56.9	16.7
60	16	4.32	54.0	15.8
55	13	4.20	51.2	15.0
50	10	4.08	48.3	14.2
47	8	4.00	46.6	13.7
45	7	3.92	44.6	13.1
40	4	3.70	39.6	11.6
35	2	3.48	34.6	10.1
30	-1	3.42	33.2	9.7
25	-4	3.36	31.8	9.3
20	-7	3.31	30.4	8.9
17	-8	3.27	29.6	8.7
15	-9	3.22	28.4	8.3
10	-12	3.10	25.6	7.5
5	-15	2.91	22.8	6.7
0	-18	2.72	20.0	5.9
-5	-21	2.53	17.2	5.0
-10	-23	2.34	14.5	4.2
-15	-26	2.15	11.7	3.4
-20	-29	1.96	8.9	2.6

**HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil**

**Air Volume XP15-048 with [CH33-62D-2F + G61MPV-60D-135]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.42	57.1	16.7
60	16	4.30	54.2	15.9
55	13	4.18	51.4	15.1
50	10	4.06	48.5	14.2
47	8	3.98	46.8	13.7
45	7	3.90	44.8	13.1
40	4	3.68	39.8	11.7
35	2	3.47	34.7	10.2
30	-1	3.41	33.3	9.8
25	-4	3.35	31.9	9.3
20	-7	3.30	30.6	9.0
17	-8	3.26	29.7	8.7
15	-9	3.21	28.6	8.4
10	-12	3.09	25.7	7.5
5	-15	2.90	22.9	6.7
0	-18	2.71	20.1	5.9
-5	-21	2.52	17.3	5.1
-10	-23	2.34	14.5	4.2
-15	-26	2.15	11.7	3.4
-20	-29	1.96	8.9	2.6



**RATINGS**

**5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**AIR HANDLERS**

**COOLING CAPACITY - XP15-060 with**

**[CB32M-048]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1500	710	56.0	16.4	3.78	.73	.86	.98	53.0	15.5	4.30	.74	.88	1.00	49.5	14.5	4.92	.76	.91	1.00	46.0	13.5	5.64	.79	.95	1.00
	1700	800	57.5	16.9	3.78	.75	.89	1.00	54.5	16.0	4.31	.77	.92	1.00	51.0	14.9	4.92	.79	.95	1.00	47.5	13.9	5.66	.82	.98	1.00
	1900	895	59.0	17.3	3.78	.78	.93	1.00	55.5	16.3	4.31	.80	.96	1.00	52.0	15.2	4.93	.82	.98	1.00	48.5	14.2	5.65	.85	1.00	1.00
67°F (19°C)	1500	710	59.5	17.4	3.79	.58	.70	.82	56.0	16.4	4.32	.59	.72	.85	53.0	15.5	4.93	.60	.74	.87	49.0	14.4	5.65	.61	.76	.91
	1700	800	61.0	17.9	3.79	.59	.73	.86	57.5	16.9	4.34	.60	.75	.88	54.5	16.0	4.94	.62	.77	.92	50.5	14.8	5.67	.63	.80	.95
	1900	895	62.5	18.3	3.81	.61	.75	.89	59.0	17.3	4.33	.62	.77	.92	55.5	16.3	4.95	.63	.80	.96	51.5	15.1	5.67	.65	.83	.99
71°F (22°C)	1500	710	62.5	18.3	3.81	.44	.56	.68	59.5	17.4	4.34	.44	.57	.69	56.0	16.4	4.95	.45	.58	.71	52.0	15.2	5.68	.45	.60	.74
	1700	800	64.5	18.9	3.83	.45	.58	.70	61.0	17.9	4.35	.45	.59	.72	57.5	16.9	4.96	.46	.60	.74	53.5	15.7	5.68	.46	.62	.77
	1900	895	66.0	19.3	3.83	.45	.59	.73	62.5	18.3	4.37	.46	.60	.75	58.5	17.1	4.97	.46	.62	.77	54.5	16.0	5.68	.47	.64	.80

**COOLING CAPACITY - XP15-060 with**

**[CB32M-060]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1600	755	57.0	16.7	3.82	.74	.87	.99	54.0	15.8	4.35	.75	.90	1.00	51.0	14.9	4.97	.77	.92	1.00	47.5	13.9	5.70	.80	.96	1.00
	1800	850	58.5	17.1	3.82	.76	.91	1.00	55.5	16.3	4.36	.78	.93	1.00	52.0	15.2	4.98	.80	.96	1.00	48.5	14.2	5.71	.83	.99	1.00
	2000	945	60.0	17.6	3.83	.79	.94	1.00	56.5	16.6	4.35	.80	.96	1.00	53.5	15.7	4.98	.83	.99	1.00	49.5	14.5	5.71	.86	1.00	1.00
67°F (19°C)	1600	755	60.5	17.7	3.83	.59	.71	.84	57.5	16.9	4.38	.60	.73	.86	54.0	15.8	4.99	.60	.75	.89	50.5	14.8	5.72	.62	.77	.92
	1800	850	62.5	18.3	3.85	.60	.74	.87	59.0	17.3	4.39	.61	.76	.90	55.5	16.3	5.00	.62	.78	.93	51.5	15.1	5.73	.64	.80	.96
	2000	945	63.5	18.6	3.85	.62	.76	.91	60.0	17.6	4.38	.63	.78	.93	56.5	16.6	5.01	.64	.81	.96	52.5	15.4	5.73	.66	.84	.99
71°F (22°C)	1600	755	64.0	18.8	3.86	.45	.57	.69	61.0	17.9	4.40	.45	.58	.71	57.5	16.9	5.01	.46	.59	.72	53.5	15.7	5.74	.46	.61	.75
	1800	850	66.0	19.3	3.87	.46	.59	.71	62.5	18.3	4.40	.46	.60	.73	59.0	17.3	5.03	.46	.61	.75	54.5	16.0	5.72	.47	.63	.78
	2000	945	67.0	19.6	3.89	.46	.60	.74	63.5	18.6	4.41	.47	.61	.76	60.0	17.6	5.03	.47	.63	.78	55.5	16.3	5.75	.48	.65	.81

**HEATING CAPACITY - XP15-060 with**

**[CB32M-048]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input
1500	710	65.3	19.1	4.99	51.2	15.0	4.49	36.1	10.6	3.98	26.7	7.8	3.48	13.2	3.9	2.62
1700	800	66.2	19.4	4.78	52.0	15.2	4.29	37.0	10.8	3.78	27.6	8.1	3.28	14.0	4.1	2.41
1900	895	66.6	19.5	4.62	52.4	15.4	4.13	37.4	11.0	3.62	28.0	8.2	3.12	14.4	4.2	2.25

**HEATING CAPACITY - XP15-060 with**

**[CB32M-060]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input
1600	755	65.9	19.3	4.88	51.7	15.2	4.41	36.5	10.7	3.93	27.1	7.9	3.44	13.5	4.0	2.58
1800	850	66.4	19.5	4.70	52.2	15.3	4.23	37.1	10.9	3.74	27.7	8.1	3.25	14.1	4.1	2.39
2000	945	67.2	19.7	4.56	53.0	15.5	4.09	37.9	11.1	3.61	28.4	8.3	3.11	14.9	4.4	2.25

**HEATING PERFORMANCE at 1700 cfm (800 L/s) Indoor Coil**

**[CB32M-048]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.78	66.2	19.4
60	16	4.67	63.0	18.5
55	13	4.55	59.8	17.5
50	10	4.43	56.6	16.6
47	8	4.36	54.7	16.0
45	7	4.29	52.0	15.2
40	4	4.11	45.4	13.3
35	2	3.93	38.8	11.4
30	-1	3.85	37.9	11.1
25	-4	3.78	37.0	10.8
20	-7	3.70	36.0	10.6
17	-8	3.66	35.5	10.4
15	-9	3.61	34.2	10.0
10	-12	3.50	31.0	9.1
5	-15	3.28	27.6	8.1
0	-18	3.06	24.2	7.1
-5	-21	2.85	20.8	6.1
-10	-23	2.63	17.4	5.1
-15	-26	2.41	14.0	4.1
-20	-29	2.20	10.6	3.1

**HEATING PERFORMANCE at 1800 cfm (850 L/s) Indoor Coil**

**[CB32M-060]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.70	66.4	19.5
60	16	4.58	63.2	18.5
55	13	4.47	60.0	17.6
50	10	4.36	56.8	16.6
47	8	4.29	54.8	16.1
45	7	4.23	52.2	15.3
40	4	4.06	45.6	13.4
35	2	3.90	39.0	11.4
30	-1	3.82	38.0	11.1
25	-4	3.74	37.1	10.9
20	-7	3.67	36.1	10.6
17	-8	3.62	35.6	10.4
15	-9	3.58	34.3	10.1
10	-12	3.46	31.1	9.1
5	-15	3.25	27.7	8.1
0	-18	3.03	24.3	7.1
-5	-21	2.82	20.9	6.1
-10	-23	2.60	17.5	5.1
-15	-26	2.39	14.1	4.1
-20	-29	2.17	10.7	3.1

**RATINGS**

**5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**AIR HANDLERS**

**COOLING CAPACITY - XP15-060 with**

**[CBX27UH-060]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1600	755	55.5	16.3	3.77	.74	.87	.98	52.5	15.4	4.30	.76	.89	1.00	49.5	14.5	4.93	.78	.92	1.00	46.0	13.5	5.66	.81	.96	1.00
	1800	850	57.0	16.7	3.77	.76	.90	1.00	54.0	15.8	4.31	.78	.93	1.00	51.0	14.9	4.93	.80	.96	1.00	47.5	13.9	5.65	.84	.99	1.00
	2000	945	58.0	17.0	3.78	.78	.93	1.00	55.0	16.1	4.31	.80	.96	1.00	52.0	15.2	4.93	.83	.98	1.00	48.5	14.2	5.64	.86	1.00	1.00
67°F (19°C)	1600	755	58.5	17.1	3.78	.59	.72	.83	55.5	16.3	4.32	.60	.73	.86	52.5	15.4	4.94	.61	.75	.89	49.0	14.4	5.66	.63	.78	.93
	1800	850	60.0	17.6	3.78	.61	.74	.86	57.0	16.7	4.32	.62	.76	.89	54.0	15.8	4.95	.63	.78	.92	50.0	14.7	5.66	.65	.81	.96
	2000	945	61.5	18.0	3.80	.62	.76	.89	58.5	17.1	4.33	.63	.78	.92	55.0	16.1	4.94	.65	.81	.96	51.0	14.9	5.65	.67	.84	.99
71°F (22°C)	1600	755	61.5	18.0	3.80	.45	.58	.69	58.5	17.1	4.33	.46	.59	.71	55.0	16.1	4.94	.46	.60	.73	51.5	15.1	5.66	.47	.62	.76
	1800	850	63.0	18.5	3.81	.46	.59	.72	60.0	17.6	4.35	.46	.60	.73	56.5	16.6	4.96	.47	.62	.76	52.5	15.4	5.68	.48	.64	.79
	2000	945	64.5	18.9	3.82	.46	.61	.74	61.5	18.0	4.35	.47	.62	.76	57.5	16.9	4.97	.48	.63	.78	53.5	15.7	5.67	.48	.65	.81

**COOLING CAPACITY - XP15-060 with**

**[CBX32MV-048] [CBX40UH-048]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1625	765	56.5	16.6	3.78	.75	.89	1.00	53.5	15.7	4.31	.76	.91	1.00	50.0	14.7	4.93	.79	.94	1.00	46.0	13.5	5.65	.82	.98	1.00
	1805	850	58.0	17.0	3.79	.77	.92	1.00	54.5	16.0	4.32	.79	.95	1.00	51.0	14.9	4.94	.81	.98	1.00	47.0	13.8	5.68	.85	1.00	1.00
	2005	945	59.0	17.3	3.80	.79	.95	1.00	55.5	16.3	4.32	.81	.98	1.00	52.0	15.2	4.94	.84	1.00	1.00	48.5	14.2	5.67	.88	1.00	1.00
67°F (19°C)	1625	765	60.0	17.6	3.81	.59	.72	.85	56.5	16.6	4.33	.60	.74	.88	53.0	15.5	4.95	.61	.76	.91	49.0	14.4	5.66	.63	.79	.95
	1805	850	61.5	18.0	3.82	.60	.74	.88	58.0	17.0	4.34	.61	.76	.91	54.0	15.8	4.95	.63	.79	.94	50.0	14.7	5.69	.65	.82	.98
	2005	945	62.5	18.3	3.82	.62	.77	.92	59.0	17.3	4.36	.63	.79	.95	55.0	16.1	4.97	.65	.82	.98	51.0	14.9	5.68	.67	.85	1.00
71°F (22°C)	1625	765	63.5	18.6	3.83	.45	.57	.70	60.0	17.6	4.36	.45	.58	.71	56.0	16.4	4.97	.45	.60	.73	52.0	15.2	5.68	.46	.61	.76
	1805	850	65.0	19.0	3.84	.45	.59	.72	61.0	17.9	4.36	.45	.60	.74	57.5	16.9	4.99	.46	.61	.76	53.0	15.5	5.68	.47	.63	.79
	2005	945	66.0	19.3	3.85	.46	.60	.74	62.5	18.3	4.38	.46	.62	.76	58.5	17.1	4.99	.47	.63	.79	54.0	15.8	5.70	.48	.65	.83

**HEATING CAPACITY - XP15-060 with**

**[CBX27UH-060]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb
1600	755	65.4	19.2			4.91			51.2			15.0			4.44		
	1800	850	66.1	19.4	4.73	52.0	15.2	4.26	36.9	10.8	3.77	27.5	8.1	3.26	14.0	4.1	2.40
	2000	945	67.8	19.9	4.58	53.7	15.7	4.11	38.6	11.3	3.62	29.2	8.6	3.11	15.7	4.6	2.25

**HEATING CAPACITY - XP15-060 with**

**[CBX32MV-048] [CBX40UH-048]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil		Air Temperature Entering Outdoor Coil														
			65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
			Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb	Total Heating Capacity	Comp. Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb
1625	765	65.7	19.3			4.81			51.4			15.1			4.36		
	1805	850	66.4	19.5	4.65	52.2	15.3	4.19	37.0	10.8	3.72	27.6	8.1	3.24	14.0	4.1	2.38
	2005	945	67.2	19.7	4.51	52.9	15.5	4.05	37.8	11.1	3.58	28.3	8.3	3.10	14.8	4.3	2.24

**HEATING PERFORMANCE at 1805 cfm (850 L/s) Indoor Coil**

**Air Volume XP15-060 with [CBX32MV-048] [CBX40UH-048]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.65	66.4	19.5
60	16	4.54	63.2	18.5
55	13	4.43	60.0	17.6
50	10	4.33	56.8	16.6
47	8	4.26	54.8	16.1
45	7	4.19	52.2	15.3
40	4	4.03	45.6	13.4
35	2	3.86	38.9	11.4
30	-1	3.79	38.0	11.1
25	-4	3.72	37.0	10.8
20	-7	3.65	36.1	10.6
17	-8	3.61	35.5	10.4
15	-9	3.57	34.2	10.0
10	-12	3.46	31.0	9.1
5	-15	3.24	27.6	8.1
0	-18	3.03	24.2	7.1
-5	-21	2.81	20.8	6.1
-10	-23	2.60	17.4	5.1
-15	-26	2.38	14.0	4.1
-20	-29	2.17	10.6	3.1

**HEATING PERFORMANCE at 1800 cfm (850 L/s) Indoor Coil**

**Air Volume XP15-060 with [CBX27UH-060]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.73	66.1	19.4
60	16	4.62	62.9	18.4
55	13	4.50	59.7	17.5
50	10	4.39	56.5	16.6
47	8	4.32	54.6	16.0
45	7	4.26	52.0	15.2
40	4	4.09	45.4	13.3
35	2	3.93	38.8	11.4
30	-1	3.85	37.8	11.1
25	-4	3.77	36.9	10.8
20	-7	3.68	36.0	10.6
17	-8	3.64	35.4	10.4
15	-9	3.59	34.1	10.0
10	-12	3.48	30.9	9.1
5	-15	3.26	27.5	8.1
0	-18	3.04	24.1	7.1
-5	-21	2.83	20.8	6.1
-10	-23	2.61	17.4	5.1
-15	-26	2.40	14.0	4.1
-20	-29	2.18	10.6	3.1

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**AIR HANDLERS**

**COOLING CAPACITY - XP15-060 with**

**[CBX32MV-060] [CBX40UH-060]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1625	765	57.0	16.7	3.79	.74	.88	.99	54.0	15.8	4.33	.76	.90	1.00	50.5	14.8	4.94	.78	.94	1.00	46.5	13.6	5.67	.81	.97	1.00
	1805	850	58.5	17.1	3.80	.77	.91	1.00	55.0	16.1	4.33	.78	.94	1.00	51.5	15.1	4.95	.81	.97	1.00	47.5	13.9	5.69	.84	1.00	1.00
	2005	945	59.5	17.4	3.82	.79	.94	1.00	56.0	16.4	4.35	.81	.97	1.00	52.5	15.4	4.96	.84	.99	1.00	49.0	14.4	5.68	.87	1.00	1.00
67°F (19°C)	1625	765	60.5	17.7	3.82	.59	.72	.85	57.5	16.9	4.35	.60	.73	.87	53.5	15.7	4.96	.61	.76	.90	50.0	14.7	5.68	.63	.78	.94
	1805	850	62.0	18.2	3.83	.60	.74	.88	58.5	17.1	4.35	.61	.76	.90	55.0	16.1	4.98	.62	.78	.93	50.5	14.8	5.70	.64	.81	.97
	2005	945	63.0	18.5	3.83	.62	.76	.91	59.5	17.4	4.37	.63	.79	.94	56.0	16.4	4.98	.64	.81	.97	51.5	15.1	5.70	.66	.84	1.00
71°F (22°C)	1625	765	64.0	18.8	3.84	.45	.57	.69	60.5	17.7	4.37	.45	.58	.71	57.0	16.7	4.99	.45	.59	.73	53.0	15.5	5.72	.46	.61	.76
	1805	850	65.0	19.0	3.85	.46	.59	.72	62.0	18.2	4.39	.46	.60	.74	58.0	17.0	4.99	.46	.61	.76	54.0	15.8	5.71	.47	.63	.79
	2005	945	67.0	19.6	3.86	.46	.60	.74	63.0	18.5	4.39	.47	.62	.76	59.5	17.4	5.01	.47	.63	.78	55.0	16.1	5.72	.48	.65	.82

**COOLING CAPACITY - XP15-060 with**

**[CBX32MV-068]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1625	765	58.0	17.0	3.87	.73	.86	.99	54.5	16.0	4.41	.75	.89	1.00	51.5	15.1	5.03	.77	.91	1.00	47.5	13.9	5.77	.79	.95	1.00
	1800	850	59.0	17.3	3.87	.75	.89	1.00	56.0	16.4	4.40	.77	.91	1.00	52.5	15.4	5.04	.79	.95	1.00	48.5	14.2	5.77	.82	.98	1.00
	2000	945	60.5	17.7	3.87	.77	.92	1.00	57.0	16.7	4.42	.79	.95	1.00	53.5	15.7	5.05	.81	.98	1.00	49.5	14.5	5.77	.85	1.00	1.00
67°F (19°C)	1625	765	61.5	18.0	3.88	.58	.71	.83	58.0	17.0	4.42	.59	.72	.85	55.0	16.1	5.04	.60	.74	.88	51.0	14.9	5.78	.61	.76	.91
	1800	850	62.5	18.3	3.89	.59	.73	.86	59.5	17.4	4.43	.60	.74	.88	56.0	16.4	5.06	.61	.76	.91	52.0	15.2	5.77	.63	.79	.95
	2000	945	64.0	18.8	3.89	.61	.75	.89	60.5	17.7	4.43	.62	.77	.91	57.0	16.7	5.05	.63	.79	.95	53.0	15.5	5.78	.65	.82	.99
71°F (22°C)	1625	765	64.5	18.9	3.91	.45	.57	.68	61.5	18.0	4.43	.45	.57	.70	58.0	17.0	5.06	.45	.58	.71	54.0	15.8	5.80	.46	.60	.74
	1800	850	66.0	19.3	3.92	.45	.58	.70	63.0	18.5	4.45	.46	.59	.72	59.0	17.3	5.08	.46	.60	.74	55.0	16.1	5.81	.46	.62	.76
	2000	945	67.0	19.6	3.93	.46	.59	.72	64.0	18.8	4.47	.46	.60	.74	60.5	17.7	5.09	.47	.62	.77	56.0	16.4	5.80	.47	.63	.79

**HEATING CAPACITY - XP15-060 with**

**[CBX32MV-060] [CBX40UH-060]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input
1625	765	65.6	19.2	4.86	51.4	15.1	4.39	36.3	10.6	3.91	26.9	7.9	3.42	13.3	3.9	2.55
1805	850	66.3	19.4	4.69	52.1	15.3	4.22	37.0	10.8	3.74	27.6	8.1	3.25	14.0	4.1	2.39
2005	945	67.1	19.7	4.55	52.9	15.5	4.09	37.8	11.1	3.61	28.4	8.3	3.11	14.8	4.3	2.25

**HEATING CAPACITY - XP15-060 with**

**[CBX32MV-068]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input
1625	765	64.4	18.9	5.38	50.5	14.8	4.82	35.7	10.5	4.24	26.6	7.8	3.68	13.2	3.9	2.76
1800	850	65.1	19.1	5.18	51.2	15.0	4.62	36.4	10.7	4.04	27.3	8.0	3.48	13.9	4.1	2.56
2000	945	65.8	19.3	5.01	51.9	15.2	4.44	37.1	10.9	3.86	27.9	8.2	3.30	14.5	4.2	2.39

**HEATING PERFORMANCE at 1805 cfm (850 L/s) Indoor Coil**

**Air Volume XP15-060 with [CBX32MV-060] [CBX40UH-060]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.69	66.3	19.4
60	16	4.58	63.1	18.5
55	13	4.47	59.9	17.6
50	10	4.36	56.6	16.6
47	8	4.29	54.7	16.0
45	7	4.22	52.1	15.3
40	4	4.06	45.5	13.3
35	2	3.90	38.9	11.4
30	-1	3.82	37.9	11.1
25	-4	3.74	37.0	10.8
20	-7	3.67	36.0	10.6
17	-8	3.62	35.4	10.4
15	-9	3.57	34.1	10.0
10	-12	3.46	30.9	9.1
5	-15	3.25	27.6	8.1
0	-18	3.03	24.2	7.1
-5	-21	2.82	20.8	6.1
-10	-23	2.60	17.4	5.1
-15	-26	2.39	14.0	4.1
-20	-29	2.17	10.6	3.1

**HEATING PERFORMANCE at 1800 cfm (850 L/s) Indoor Coil**

**Air Volume XP15-060 with [CBX32MV-068]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	5.18	65.1	19.1
60	16	5.05	62.0	18.2
55	13	4.91	58.9	17.3
50	10	4.78	55.7	16.3
47	8	4.70	53.8	15.8
45	7	4.62	51.2	15.0
40	4	4.42	44.7	13.1
35	2	4.23	38.2	11.2
30	-1	4.14	37.3	10.9
25	-4	4.04	36.4	10.7
20	-7	3.95	35.5	10.4
17	-8	3.89	35.0	10.3
15	-9	3.84	33.8	9.9
10	-12	3.70	30.6	9.0
5	-15	3.48	27.3	8.0
0	-18	3.25	23.9	7.0
-5	-21	3.02	20.6	6.0
-10	-23	2.79	17.2	5.0
-15	-26	2.56	13.9	4.1
-20	-29	2.34	10.5	3.1

**RATINGS**

**5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**DOWN-FLOW INDOOR COILS**  
**[CR33-50/60C-F]**

**COOLING CAPACITY - XP15-060 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1600	755	57.0	16.7	3.78	.75	.89	1.00	54.0	15.8	4.30	.77	.91	1.00	51.0	14.9	4.93	.79	.94	1.00	47.0	13.8	5.65	.82	.97	1.00
	1750	825	58.5	17.1	3.78	.77	.92	1.00	55.0	16.1	4.31	.79	.94	1.00	51.5	15.1	4.94	.82	.97	1.00	48.0	14.1	5.66	.85	.99	1.00
	1900	895	59.5	17.4	3.79	.79	.94	1.00	56.0	16.4	4.31	.81	.96	1.00	52.5	15.4	4.93	.84	.99	1.00	49.0	14.4	5.65	.87	1.00	1.00
67°F (19°C)	1600	755	60.5	17.7	3.81	.60	.73	.85	57.5	16.9	4.33	.61	.75	.88	54.0	15.8	4.93	.62	.77	.91	50.0	14.7	5.66	.64	.79	.94
	1750	825	61.5	18.0	3.80	.61	.75	.88	58.5	17.1	4.33	.62	.77	.91	55.0	16.1	4.96	.64	.79	.94	51.0	14.9	5.66	.66	.82	.97
	1900	895	63.0	18.5	3.81	.62	.77	.91	59.5	17.4	4.34	.64	.79	.93	56.0	16.4	4.95	.65	.81	.96	52.0	15.2	5.67	.67	.85	.99
71°F (22°C)	1600	755	64.0	18.8	3.82	.46	.58	.70	60.5	17.7	4.35	.47	.60	.72	57.0	16.7	4.97	.47	.61	.74	53.0	15.5	5.67	.48	.63	.77
	1750	825	65.0	19.0	3.83	.47	.60	.72	61.5	18.0	4.35	.47	.61	.74	58.0	17.0	4.97	.48	.62	.77	54.0	15.8	5.67	.49	.64	.80
	1900	895	66.0	19.3	3.83	.47	.61	.74	62.5	18.3	4.37	.48	.62	.76	59.0	17.3	4.98	.48	.64	.79	55.0	16.1	5.69	.50	.66	.82

**COOLING CAPACITY - XP15-060 with**

**[CR33-60D-F]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1600	755	57.0	16.7	3.78	.75	.89	1.00	54.0	15.8	4.30	.77	.91	1.00	51.0	14.9	4.93	.79	.94	1.00	47.0	13.8	5.65	.82	.97	1.00
	1750	825	58.5	17.1	3.78	.77	.92	1.00	55.0	16.1	4.31	.79	.94	1.00	51.5	15.1	4.94	.82	.97	1.00	48.0	14.1	5.66	.85	.99	1.00
	1900	895	59.5	17.4	3.79	.79	.94	1.00	56.0	16.4	4.31	.81	.96	1.00	52.5	15.4	4.93	.84	.99	1.00	49.0	14.4	5.65	.87	1.00	1.00
67°F (19°C)	1600	755	60.5	17.7	3.81	.60	.73	.85	57.5	16.9	4.33	.61	.75	.88	54.0	15.8	4.93	.62	.77	.91	50.0	14.7	5.66	.64	.79	.94
	1750	825	61.5	18.0	3.80	.61	.75	.88	58.5	17.1	4.33	.62	.77	.91	55.0	16.1	4.96	.64	.79	.94	51.0	14.9	5.66	.66	.82	.97
	1900	895	63.0	18.5	3.81	.62	.77	.91	59.5	17.4	4.34	.64	.79	.93	56.0	16.4	4.95	.65	.81	.96	52.0	15.2	5.67	.67	.85	.99
71°F (22°C)	1600	755	64.0	18.8	3.82	.46	.58	.70	60.5	17.7	4.35	.47	.60	.72	57.0	16.7	4.97	.47	.61	.74	53.0	15.5	5.67	.48	.63	.77
	1750	825	65.0	19.0	3.83	.47	.60	.72	61.5	18.0	4.35	.47	.61	.74	58.0	17.0	4.97	.48	.62	.77	54.0	15.8	5.67	.49	.64	.80
	1900	895	66.0	19.3	3.83	.47	.61	.74	62.5	18.3	4.37	.48	.62	.76	59.0	17.3	4.98	.48	.64	.79	55.0	16.1	5.69	.50	.66	.82

**HEATING CAPACITY - XP15-060 with**

**[CR33-50/60C-F]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input
1600	755	66.4	19.5	4.77	52.1	15.3	4.32	36.9	10.8	3.85	27.4	8.0	3.41	13.7	4.0	2.54	14.5	4.2	2.29	
1750	825	66.8	19.6	4.63	52.5	15.4	4.19	37.3	10.9	3.71	27.8	8.1	3.27	14.2	4.2	2.40	14.5	4.2	2.29	
1900	895	67.2	19.7	4.53	52.9	15.5	4.08	37.7	11.0	3.60	28.2	8.3	3.17	14.5	4.2	2.29	14.5	4.2	2.29	

**HEATING CAPACITY - XP15-060 with**

**[CR33-60D-F]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input
1600	755	66.4	19.5	4.77	52.1	15.3	4.32	36.9	10.8	3.85	27.4	8.0	3.41	13.7	4.0	2.54	14.5	4.2	2.29	
1750	825	66.8	19.6	4.63	52.5	15.4	4.19	37.3	10.9	3.71	27.8	8.1	3.27	14.2	4.2	2.40	14.5	4.2	2.29	
1900	895	67.2	19.7	4.53	52.9	15.5	4.08	37.7	11.0	3.60	28.2	8.3	3.17	14.5	4.2	2.29	14.5	4.2	2.29	

**HEATING PERFORMANCE at 1750 cfm (825 L/s) Indoor Coil Air Volume XP15-060 with [CR33-50/60C-F]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.63	66.8	19.6
60	16	4.53	63.6	18.6
55	13	4.43	60.4	17.7
50	10	4.32	57.1	16.7
47	8	4.26	55.2	16.2
45	7	4.19	52.5	15.4
40	4	4.00	45.9	13.5
35	2	3.81	39.3	11.5
30	-1	3.76	38.3	11.2
25	-4	3.71	37.3	10.9
20	-7	3.67	36.4	10.7
17	-8	3.64	35.8	10.5
15	-9	3.60	34.5	10.1
10	-12	3.49	31.3	9.2
5	-15	3.27	27.8	8.1
0	-18	3.06	24.4	7.2
-5	-21	2.84	21.0	6.2
-10	-23	2.62	17.6	5.2
-15	-26	2.40	14.2	4.2
-20	-29	2.18	10.7	3.1

**HEATING PERFORMANCE at 1750 cfm (825 L/s) Indoor Coil Air Volume XP15-060 with [CR33-60D-F]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.63	66.8	19.6
60	16	4.53	63.6	18.6
55	13	4.43	60.4	17.7
50	10	4.32	57.1	16.7
47	8	4.26	55.2	16.2
45	7	4.19	52.5	15.4
40	4	4.00	45.9	13.5
35	2	3.81	39.3	11.5
30	-1	3.76	38.3	11.2
25	-4	3.71	37.3	10.9
20	-7	3.67	36.4	10.7
17	-8	3.64	35.8	10.5
15	-9	3.60	34.5	10.1
10	-12	3.49	31.3	9.2
5	-15	3.27	27.8	8.1
0	-18	3.06	24.4	7.2
-5	-21	2.84	21.0	6.2
-10	-23	2.62	17.6	5.2
-15	-26	2.40	14.2	4.2
-20	-29	2.18	10.7	3.1

**RATINGS**

**5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**DOWN-FLOW INDOOR COILS WITH GAS FURNACES**

[CR33-50/60C-F + G60DFV-60C-090]

**COOLING CAPACITY - XP15-060 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1565	740	57.0	16.7	3.82	.75	.88	.99	53.5	15.7	4.35	.76	.90	1.00	50.5	14.8	4.97	.78	.93	1.00	47.0	13.8	5.71	.81	.96	1.00
	1750	825	58.0	17.0	3.82	.77	.91	1.00	55.0	16.1	4.35	.79	.94	1.00	51.5	15.1	4.99	.81	.97	1.00	48.0	14.1	5.71	.84	.99	1.00
	1905	900	59.5	17.4	3.83	.79	.94	1.00	56.0	16.4	4.35	.81	.96	1.00	52.5	15.4	4.98	.84	.99	1.00	49.0	14.4	5.71	.87	1.00	1.00
67°F (19°C)	1565	740	60.0	17.6	3.82	.59	.72	.84	57.0	16.7	4.37	.60	.74	.87	53.5	15.7	4.98	.62	.76	.90	49.5	14.5	5.72	.63	.79	.93
	1750	825	61.5	18.0	3.83	.61	.75	.88	58.5	17.1	4.37	.62	.76	.90	55.0	16.1	5.00	.63	.79	.93	51.0	14.9	5.72	.65	.82	.97
	1905	900	63.0	18.5	3.85	.62	.77	.91	59.5	17.4	4.39	.64	.79	.93	56.0	16.4	5.00	.65	.81	.96	51.5	15.1	5.73	.67	.84	.99
71°F (22°C)	1565	740	63.5	18.6	3.86	.46	.58	.69	60.5	17.7	4.39	.46	.59	.71	57.0	16.7	5.01	.46	.60	.73	52.5	15.4	5.71	.47	.62	.76
	1750	825	65.0	19.0	3.86	.46	.59	.72	61.5	18.0	4.40	.47	.61	.74	58.0	17.0	5.01	.48	.62	.76	54.0	15.8	5.73	.48	.64	.79
	1905	900	66.0	19.3	3.87	.47	.61	.74	62.5	18.3	4.41	.48	.62	.76	59.0	17.3	5.03	.48	.64	.79	55.0	16.1	5.74	.49	.66	.82

**COOLING CAPACITY - XP15-060 with**

[CR33-50/60C-F + G60DFV-60C-110]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1645	775	57.5	16.9	3.83	.76	.89	1.00	54.5	16.0	4.35	.78	.92	1.00	51.0	14.9	4.99	.80	.95	1.00	47.5	13.9	5.72	.83	.98	1.00
	1800	850	58.5	17.1	3.83	.78	.92	1.00	55.5	16.3	4.37	.80	.95	1.00	52.0	15.2	4.98	.82	.97	1.00	48.5	14.2	5.71	.85	.99	1.00
	2035	960	60.0	17.6	3.83	.81	.96	1.00	57.0	16.7	4.37	.83	.98	1.00	53.5	15.7	5.00	.86	1.00	1.00	50.0	14.7	5.73	.89	1.00	1.00
67°F (19°C)	1645	775	61.0	17.9	3.85	.60	.73	.86	57.5	16.9	4.38	.61	.75	.88	54.0	15.8	5.00	.62	.77	.91	50.5	14.8	5.73	.64	.80	.95
	1800	850	62.0	18.2	3.85	.61	.75	.89	59.0	17.3	4.39	.63	.77	.91	55.0	16.1	5.00	.64	.80	.94	51.0	14.9	5.73	.66	.83	.98
	2035	960	63.5	18.6	3.86	.64	.78	.93	60.0	17.6	4.40	.65	.81	.96	56.5	16.6	5.00	.67	.83	.98	52.5	15.4	5.72	.69	.87	1.00
71°F (22°C)	1645	775	64.5	18.9	3.87	.46	.59	.71	61.0	17.9	4.40	.46	.60	.72	57.5	16.9	5.01	.47	.61	.75	53.5	15.7	5.74	.48	.63	.77
	1800	850	66.0	19.3	3.87	.47	.60	.73	62.0	18.2	4.41	.47	.61	.75	58.5	17.1	5.03	.48	.63	.77	54.5	16.0	5.74	.49	.65	.80
	2035	960	67.0	19.6	3.90	.48	.62	.76	63.5	18.6	4.42	.48	.64	.78	59.5	17.4	5.03	.49	.65	.81	55.5	16.3	5.75	.50	.67	.84

**HEATING CAPACITY - XP15-060 with**

[CR33-50/60C-F + G60DFV-60C-090]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	cfm	L/s	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input		
1565	740	65.8	19.3	4.79	51.6	15.1	4.34	36.4	10.7	3.87	26.9	7.9	3.43	13.3	3.9	2.56
1750	825	66.5	19.5	4.62	52.2	15.3	4.18	37.0	10.8	3.71	27.6	8.1	3.27	14.0	4.1	2.40
1905	900	67.0	19.6	4.52	52.8	15.5	4.07	37.6	11.0	3.60	28.1	8.2	3.16	14.5	4.2	2.29

**HEATING CAPACITY - XP15-060 with**

[CR33-50/60C-F + G60DFV-60C-110]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	cfm	L/s	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input		
1645	775	66.1	19.4	4.70	51.8	15.2	4.26	36.6	10.7	3.80	27.1	7.9	3.37	13.5	4.0	2.50
1800	850	66.7	19.5	4.58	52.4	15.4	4.14	37.2	10.9	3.69	27.7	8.1	3.25	14.1	4.1	2.38
2035	960	67.6	19.8	4.43	53.3	15.6	4.00	38.0	11.1	3.54	28.5	8.4	3.11	14.9	4.4	2.24

**HEATING PERFORMANCE at 1750 cfm (825 L/s) Indoor Coil Air Volume XP15-060 with [CR33-50/60C-F + G60DFV-60C-090]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kW	kW	kBtuh	kW
65	18	4.62	4.62	66.5	19.5
60	16	4.52	4.52	63.3	18.6
55	13	4.42	4.42	60.1	17.6
50	10	4.31	4.31	56.8	16.6
47	8	4.25	4.25	54.9	16.1
45	7	4.18	4.18	52.2	15.3
40	4	3.99	3.99	45.6	13.4
35	2	3.80	3.80	39.0	11.4
30	-1	3.75	3.75	38.0	11.1
25	-4	3.71	3.71	37.0	10.8
20	-7	3.66	3.66	36.1	10.6
17	-8	3.63	3.63	35.5	10.4
15	-9	3.59	3.59	34.2	10.0
10	-12	3.48	3.48	31.0	9.1
5	-15	3.27	3.27	27.6	8.1
0	-18	3.05	3.05	24.2	7.1
-5	-21	2.83	2.83	20.8	6.1
-10	-23	2.61	2.61	17.4	5.1
-15	-26	2.40	2.40	14.0	4.1
-20	-29	2.18	2.18	10.6	3.1

**HEATING PERFORMANCE at 1800 cfm (850 L/s) Indoor Coil Air Volume XP15-060 with [CR33-50/60C-F + G60DFV-60C-110]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kW	kW	kBtuh	kW
65	18	4.58	4.58	66.7	19.5
60	16	4.48	4.48	63.5	18.6
55	13	4.38	4.38	60.3	17.7
50	10	4.28	4.28	57.0	16.7
47	8	4.22	4.22	55.1	16.1
45	7	4.14	4.14	52.4	15.4
40	4	3.96	3.96	45.8	13.4
35	2	3.78	3.78	39.2	11.5
30	-1	3.73	3.73	38.2	11.2
25	-4	3.69	3.69	37.2	10.9
20	-7	3.64	3.64	36.2	10.6
17	-8	3.61	3.61	35.6	10.4
15	-9	3.57	3.57	34.3	10.1
10	-12	3.47	3.47	31.1	9.1
5	-15	3.25	3.25	27.7	8.1
0	-18	3.03	3.03	24.3	7.1
-5	-21	2.82	2.82	20.9	6.1
-10	-23	2.60	2.60	17.5	5.1
-15	-26	2.38	2.38	14.1	4.1
-20	-29	2.17	2.17	10.7	3.1

**RATINGS**

**5 TON**

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**DOWN-FLOW INDOOR COILS WITH GAS FURNACES**  
**[CR33-50/60C-F + G61MPV-60C-090]**

**COOLING CAPACITY - XP15-060 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1560	735	57.0	16.7	3.80	.75	.88	.99	54.0	15.8	4.33	.76	.90	1.00	50.5	14.8	4.94	.79	.93	1.00	47.0	13.8	5.68	.81	.97	1.00
	1755	830	58.5	17.1	3.80	.77	.92	1.00	55.0	16.1	4.33	.79	.94	1.00	52.0	15.2	4.96	.82	.97	1.00	48.0	14.1	5.67	.85	.99	1.00
	1960	925	59.5	17.4	3.80	.80	.95	1.00	56.5	16.6	4.34	.82	.97	1.00	53.0	15.5	4.96	.85	.99	1.00	49.5	14.5	5.69	.89	1.00	1.00
67°F (19°C)	1560	735	60.0	17.6	3.81	.60	.72	.84	57.0	16.7	4.35	.61	.74	.87	53.5	15.7	4.95	.62	.76	.90	50.0	14.7	5.69	.64	.79	.93
	1755	830	62.0	18.2	3.81	.61	.75	.88	58.5	17.1	4.35	.63	.77	.91	55.0	16.1	4.98	.64	.79	.94	51.0	14.9	5.69	.66	.82	.97
	1960	925	63.5	18.6	3.84	.63	.78	.92	60.0	17.6	4.35	.65	.80	.95	56.0	16.4	4.98	.66	.83	.97	52.0	15.2	5.68	.68	.86	.99
71°F (22°C)	1560	735	63.5	18.6	3.84	.46	.58	.70	60.5	17.7	4.37	.46	.59	.71	57.0	16.7	4.98	.47	.60	.74	53.0	15.5	5.68	.48	.62	.76
	1755	830	65.0	19.0	3.84	.47	.60	.72	61.5	18.0	4.38	.47	.61	.74	58.0	17.0	4.99	.48	.63	.77	54.0	15.8	5.70	.49	.64	.80
	1960	925	67.0	19.6	3.86	.48	.62	.75	63.0	18.5	4.38	.49	.63	.78	59.5	17.4	5.01	.49	.65	.80	55.5	16.3	5.72	.50	.67	.84

**COOLING CAPACITY - XP15-060 with**

**[CR33-50/60C-F + G61MPV-60C-110]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1580	745	57.0	16.7	3.78	.75	.88	.99	54.0	15.8	4.29	.77	.91	1.00	50.5	14.8	4.92	.79	.94	1.00	47.0	13.8	5.65	.82	.97	1.00
	1790	845	58.5	17.1	3.78	.78	.92	1.00	55.5	16.3	4.31	.80	.95	1.00	52.0	15.2	4.92	.82	.97	1.00	48.5	14.2	5.64	.85	.99	1.00
	1995	940	60.0	17.6	3.78	.81	.96	1.00	56.5	16.6	4.32	.83	.98	1.00	53.5	15.7	4.93	.86	.99	1.00	49.5	14.5	5.66	.89	1.00	1.00
67°F (19°C)	1580	745	60.5	17.7	3.79	.60	.72	.85	57.0	16.7	4.32	.61	.74	.87	53.5	15.7	4.93	.62	.76	.90	50.0	14.7	5.65	.64	.79	.94
	1790	845	62.0	18.2	3.80	.62	.75	.89	59.0	17.3	4.33	.63	.77	.92	55.5	16.3	4.94	.64	.80	.94	51.0	14.9	5.66	.66	.83	.98
	1995	940	63.5	18.6	3.82	.63	.78	.92	60.0	17.6	4.33	.65	.80	.95	56.5	16.6	4.95	.66	.83	.98	52.0	15.2	5.65	.69	.86	1.00
71°F (22°C)	1580	745	64.0	18.8	3.82	.46	.58	.70	60.5	17.7	4.35	.46	.59	.72	57.0	16.7	4.96	.47	.60	.74	53.0	15.5	5.66	.48	.62	.76
	1790	845	66.0	19.3	3.83	.47	.60	.73	62.0	18.2	4.35	.48	.61	.75	58.5	17.1	4.96	.48	.63	.77	54.5	16.0	5.67	.49	.65	.80
	1995	940	67.0	19.6	3.84	.48	.62	.76	63.5	18.6	4.36	.49	.63	.78	59.5	17.4	4.97	.49	.65	.81	55.5	16.3	5.67	.50	.67	.84

**HEATING CAPACITY - XP15-060 with**

**[CR33-50/60C-F + G61MPV-60C-090]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1560	735	66.1	19.4	4.81	51.8	15.2	4.36	36.6	10.7	3.89	27.1	7.9	3.45	13.4	3.9	2.58				
1755	830	66.9	19.6	4.63	52.6	15.4	4.18	37.4	11.0	3.71	27.9	8.2	3.27	14.2	4.2	2.40				
1960	925	67.7	19.8	4.49	53.4	15.6	4.04	38.2	11.2	3.57	28.7	8.4	3.13	15.0	4.4	2.26				

**HEATING CAPACITY - XP15-060 with**

**[CR33-50/60C-F + G61MPV-60C-110]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input			
1580	745	66.1	19.4	4.78	51.8	15.2	4.34	36.5	10.7	3.87	27.0	7.9	3.44	13.3	3.9	2.57				
1790	845	67.1	19.7	4.60	52.7	15.4	4.16	37.5	11.0	3.70	28.0	8.2	3.26	14.2	4.2	2.39				
1995	940	67.7	19.8	4.46	53.4	15.6	4.02	38.1	11.2	3.56	28.6	8.4	3.12	14.9	4.4	2.25				

**HEATING PERFORMANCE at 1755 cfm (830 L/s) Indoor Coil Air Volume XP15-060 with [CR33-50/60C-F + G61MPV-60C-090]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.63	66.9	19.6
60	16	4.53	63.7	18.7
55	13	4.42	60.4	17.7
50	10	4.32	57.2	16.8
47	8	4.26	55.2	16.2
45	7	4.18	52.6	15.4
40	4	3.99	45.9	13.5
35	2	3.81	39.3	11.5
30	-1	3.76	38.3	11.2
25	-4	3.71	37.4	11.0
20	-7	3.66	36.4	10.7
17	-8	3.64	35.8	10.5
15	-9	3.60	34.5	10.1
10	-12	3.49	31.3	9.2
5	-15	3.27	27.9	8.2
0	-18	3.06	24.5	7.2
-5	-21	2.84	21.0	6.2
-10	-23	2.62	17.6	5.2
-15	-26	2.40	14.2	4.2
-20	-29	2.18	10.8	3.2

**HEATING PERFORMANCE at 1790 cfm (845 L/s) Indoor Coil Air Volume XP15-060 with [CR33-50/60C-F + G61MPV-60C-110]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.60	67.1	19.7
60	16	4.50	63.8	18.7
55	13	4.40	60.6	17.8
50	10	4.30	57.4	16.8
47	8	4.23	55.4	16.2
45	7	4.16	52.7	15.4
40	4	3.98	46.1	13.5
35	2	3.79	39.5	11.6
30	-1	3.75	38.5	11.3
25	-4	3.70	37.5	11.0
20	-7	3.65	36.5	10.7
17	-8	3.62	36.0	10.6
15	-9	3.58	34.7	10.2
10	-12	3.48	31.4	9.2
5	-15	3.26	28.0	8.2
0	-18	3.05	24.5	7.2
-5	-21	2.83	21.1	6.2
-10	-23	2.61	17.7	5.2
-15	-26	2.39	14.2	4.2
-20	-29	2.18	10.8	3.2

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**DOWN-FLOW INDOOR COILS WITH GAS FURNACES**

[CR33-60D-F + G60DFV-60D-135]

**COOLING CAPACITY - XP15-060 with**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1645	775	57.5	16.9	3.84	.76	.89	1.00	54.0	15.8	4.36	.77	.92	1.00	51.0	14.9	5.00	.80	.95	1.00	47.5	13.9	5.73	.83	.98	1.00
	1810	855	58.5	17.1	3.84	.78	.92	1.00	55.5	16.3	4.38	.80	.95	1.00	52.0	15.2	4.99	.82	.97	1.00	48.5	14.2	5.72	.85	1.00	1.00
	2050	970	60.0	17.6	3.85	.81	.96	1.00	57.0	16.7	4.38	.83	.98	1.00	53.5	15.7	5.01	.86	1.00	1.00	50.0	14.7	5.75	.90	1.00	1.00
67°F (19°C)	1645	775	61.0	17.9	3.86	.60	.73	.86	57.5	16.9	4.39	.61	.75	.88	54.0	15.8	5.01	.62	.77	.91	50.5	14.8	5.74	.64	.80	.95
	1810	855	62.0	18.2	3.86	.61	.75	.89	59.0	17.3	4.39	.63	.77	.92	55.0	16.1	5.01	.64	.80	.95	51.0	14.9	5.74	.66	.83	.98
	2050	970	63.5	18.6	3.87	.64	.79	.93	60.0	17.6	4.41	.65	.81	.96	56.5	16.6	5.01	.67	.84	.98	52.5	15.4	5.73	.69	.87	1.00
71°F (22°C)	1645	775	64.5	18.9	3.88	.46	.58	.71	61.0	17.9	4.41	.46	.60	.72	57.0	16.7	5.02	.47	.61	.75	53.5	15.7	5.75	.48	.63	.77
	1810	855	66.0	19.3	3.88	.47	.60	.73	62.0	18.2	4.42	.47	.61	.75	58.5	17.1	5.04	.48	.63	.77	54.5	16.0	5.76	.49	.65	.80
	2050	970	67.0	19.6	3.90	.48	.62	.76	63.5	18.6	4.43	.48	.64	.78	59.5	17.4	5.04	.49	.65	.81	55.5	16.3	5.76	.50	.68	.85

**COOLING CAPACITY - XP15-060 with**

[CR33-60D-F + G61MPV-60D-135]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1730	815	58.0	17.0	3.79	.77	.91	1.00	55.0	16.1	4.33	.79	.94	1.00	51.5	15.1	4.96	.81	.96	1.00	48.0	14.1	5.68	.84	.99	1.00
	1945	920	59.5	17.4	3.80	.80	.95	1.00	56.5	16.6	4.34	.82	.97	1.00	53.0	15.5	4.96	.84	.99	1.00	49.5	14.5	5.68	.88	1.00	1.00
	1985	935	60.0	17.6	3.80	.80	.95	1.00	56.5	16.6	4.34	.82	.98	1.00	53.0	15.5	4.96	.85	.99	1.00	49.5	14.5	5.69	.89	1.00	1.00
67°F (19°C)	1730	815	61.5	18.0	3.81	.61	.74	.88	58.5	17.1	4.35	.62	.76	.90	54.5	16.0	4.98	.63	.79	.93	51.0	14.9	5.70	.65	.82	.96
	1945	920	63.0	18.5	3.84	.63	.77	.91	59.5	17.4	4.35	.64	.79	.94	56.0	16.4	4.98	.66	.82	.97	52.0	15.2	5.70	.68	.85	.99
	1985	935	63.5	18.6	3.84	.63	.78	.92	60.0	17.6	4.35	.64	.80	.95	56.0	16.4	4.98	.66	.83	.97	52.0	15.2	5.68	.68	.86	1.00
71°F (22°C)	1730	815	65.0	19.0	3.84	.46	.59	.72	61.5	18.0	4.37	.47	.61	.74	58.0	17.0	4.99	.47	.62	.76	54.0	15.8	5.70	.48	.64	.79
	1945	920	67.0	19.6	3.86	.47	.61	.75	63.0	18.5	4.39	.48	.63	.77	59.5	17.4	5.01	.49	.64	.80	55.0	16.1	5.72	.50	.66	.83
	1985	935	67.0	19.6	3.86	.48	.62	.75	63.0	18.5	4.38	.48	.63	.78	59.5	17.4	5.00	.49	.65	.80	55.5	16.3	5.72	.50	.67	.84

**HEATING CAPACITY - XP15-060 with**

[CR33-60D-F + G60DFV-60D-135]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input
1645	775	66.1	19.4	4.69	51.7	15.2	4.26	36.5	10.7	3.80	27.0	7.9	3.37	13.4	3.9	2.50				
1810	855	66.7	19.5	4.57	52.4	15.4	4.13	37.2	10.9	3.68	27.6	8.1	3.25	14.1	4.1	2.38				
2050	970	67.6	19.8	4.42	53.2	15.6	3.99	38.0	11.1	3.53	28.5	8.4	3.10	14.9	4.4	2.23				

**HEATING CAPACITY - XP15-060 with**

[CR33-60D-F + G61MPV-60D-135]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil																			
	65°F (18°C)				45°F (7°C)				25°F (-4°C)				5°F (-15°C)				-15°F (-26°C)			
	cfm	L/s	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input	kBtuh	kW	Comp. Motor kW Input
1730	815	66.7	19.5	4.61	52.3	15.3	4.21	37.0	10.8	3.79	27.3	8.0	3.36	13.5	4.0	2.50				
1945	920	67.4	19.8	4.45	53.0	15.5	4.05	37.7	11.0	3.64	28.0	8.2	3.21	14.3	4.2	2.35				
1985	935	67.6	19.8	4.43	53.1	15.6	4.03	37.8	11.1	3.61	28.2	8.3	3.18	14.4	4.2	2.32				

**HEATING PERFORMANCE at 1810 cfm (855 L/s) Indoor Coil Air Volume XP15-060 with [CR33-60D-F + G60DFV-60D-135]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kBtuh	kW	kBtuh	kW
65	18	4.57	66.7	19.5	
60	16	4.47	63.5	18.6	
55	13	4.37	60.2	17.6	
50	10	4.27	57.0	16.7	
47	8	4.21	55.1	16.1	
45	7	4.13	52.4	15.4	
40	4	3.95	45.8	13.4	
35	2	3.77	39.2	11.5	
30	-1	3.73	38.2	11.2	
25	-4	3.68	37.2	10.9	
20	-7	3.63	36.2	10.6	
17	-8	3.60	35.6	10.4	
15	-9	3.56	34.3	10.1	
10	-12	3.46	31.0	9.1	
5	-15	3.25	27.6	8.1	
0	-18	3.03	24.3	7.1	
-5	-21	2.81	20.9	6.1	
-10	-23	2.60	17.5	5.1	
-15	-26	2.38	14.1	4.1	
-20	-29	2.16	10.7	3.1	

**HEATING PERFORMANCE at 1945 cfm (920 L/s) Indoor Coil Air Volume XP15-060 with [CR33-60D-F + G61MPV-60D-135]**

*Outdoor Temperature		Compressor Motor kW Input		Total Output	
°F	°C	kBtuh	kW	kBtuh	kW
65	18	4.45	67.4	19.8	
60	16	4.36	64.1	18.8	
55	13	4.27	60.9	17.8	
50	10	4.17	57.6	16.9	
47	8	4.12	55.7	16.3	
45	7	4.05	53.0	15.5	
40	4	3.90	46.4	13.6	
35	2	3.74	39.7	11.6	
30	-1	3.69	38.7	11.3	
25	-4	3.64	37.7	11.0	
20	-7	3.59	36.7	10.8	
17	-8	3.55	36.0	10.6	
15	-9	3.52	34.7	10.2	
10	-12	3.42	31.5	9.2	
5	-15	3.21	28.0	8.2	
0	-18	2.99	24.6	7.2	
-5	-21	2.78	21.1	6.2	
-10	-23	2.56	17.7	5.2	
-15	-26	2.35	14.3	4.2	
-20	-29	2.13	10.8	3.2	

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**HORIZONTAL INDOOR COILS**

**COOLING CAPACITY - XP15-060 with**

[CH23-68]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
	Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb				
				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C		
cfm	L/s	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW			
63°F (17°C)	1600	755	58.5	17.1	3.83	.75	.89	1.00	55.0	16.1	4.37	.77	.92	1.00	52.0	15.2	5.00	.80	.94	1.00	48.5	14.2	5.73	.83	.98	1.00
	1800	850	60.0	17.6	3.84	.78	.93	1.00	56.5	16.6	4.38	.80	.95	1.00	53.5	15.7	5.01	.83	.98	1.00	49.5	14.5	5.73	.86	1.00	1.00
	2000	945	61.5	18.0	3.85	.81	.96	1.00	58.0	17.0	4.39	.83	.98	1.00	54.5	16.0	5.01	.86	1.00	1.00	51.0	14.9	5.75	.90	1.00	1.00
67°F (19°C)	1600	755	62.0	18.2	3.86	.60	.73	.86	58.5	17.1	4.40	.61	.75	.88	55.0	16.1	5.01	.63	.77	.91	51.0	14.9	5.75	.64	.80	.95
	1800	850	63.5	18.6	3.87	.62	.76	.89	60.0	17.6	4.41	.63	.78	.92	56.5	16.6	5.03	.65	.81	.95	52.5	15.4	5.74	.67	.84	.98
	2000	945	65.0	19.0	3.88	.64	.79	.93	61.5	18.0	4.41	.65	.81	.96	57.5	16.9	5.04	.67	.84	.98	53.5	15.7	5.76	.69	.87	1.00
71°F (22°C)	1600	755	66.0	19.3	3.88	.46	.59	.71	62.5	18.3	4.43	.47	.60	.72	58.5	17.1	5.03	.47	.61	.75	54.5	16.0	5.76	.48	.63	.77
	1800	850	67.0	19.6	3.90	.47	.60	.73	64.0	18.8	4.43	.47	.62	.76	60.0	17.6	5.06	.48	.63	.78	56.0	16.4	5.78	.49	.65	.81
	2000	945	69.0	20.2	3.92	.48	.62	.76	65.0	19.0	4.44	.48	.64	.79	61.0	17.9	5.06	.49	.66	.81	57.0	16.7	5.77	.50	.68	.85

**HEATING CAPACITY - XP15-060 with**

[CH23-68]

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	
cfm	L/s	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW	kBtuh		kW
1600	755	67.2	19.7	4.39	52.6	15.4	4.03	37.1	10.9	3.65	27.4	8.0	3.27	13.7	4.0	2.43
1800	850	67.8	19.9	4.24	53.2	15.6	3.88	37.6	11.0	3.50	27.9	8.2	3.13	14.2	4.2	2.28
2000	945	68.2	20.0	4.12	53.6	15.7	3.76	38.1	11.2	3.38	28.3	8.3	3.01	14.6	4.3	2.16

**HEATING PERFORMANCE at 1800 cfm (380 L/s) Indoor Coil**

**Air Volume XP15-060 with** [CH23-68]

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.24	67.8	19.9
60	16	4.16	64.5	18.9
55	13	4.07	61.2	17.9
50	10	3.99	57.8	16.9
47	8	3.94	55.9	16.4
45	7	3.88	53.2	15.6
40	4	3.72	46.4	13.6
35	2	3.56	39.7	11.6
30	-1	3.53	38.7	11.3
25	-4	3.50	37.6	11.0
20	-7	3.47	36.6	10.7
17	-8	3.45	36.0	10.6
15	-9	3.42	34.7	10.2
10	-12	3.34	31.3	9.2
5	-15	3.13	27.9	8.2
0	-18	2.92	24.5	7.2
-5	-21	2.70	21.1	6.2
-10	-23	2.49	17.6	5.2
-15	-26	2.28	14.2	4.2
-20	-29	2.07	10.8	3.2



NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**HORIZONTAL INDOOR COILS WITH GAS FURNACES**

**COOLING CAPACITY - XP15-060 with**

**[CH23-68 + G60UHV-60D-135]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1695	800	59.0	17.3	3.85	.77	.91	1.00	56.0	16.4	4.36	.78	.93	1.00	52.5	15.4	5.00	.81	.96	1.00	49.0	14.4	5.73	.84	.99	1.00
	1900	895	60.5	17.7	3.85	.79	.94	1.00	57.5	16.9	4.39	.82	.97	1.00	54.0	15.8	5.00	.84	.99	1.00	50.5	14.8	5.74	.88	1.00	1.00
	2140	1010	62.0	18.2	3.86	.83	.98	1.00	59.0	17.3	4.40	.85	1.00	1.00	55.5	16.3	5.03	.88	1.00	1.00	52.5	15.4	5.75	.92	1.00	1.00
67°F (19°C)	1695	800	62.5	18.3	3.87	.61	.74	.87	59.5	17.4	4.39	.62	.76	.90	55.5	16.3	5.02	.63	.78	.93	51.5	15.1	5.74	.65	.81	.96
	1900	895	64.0	18.8	3.88	.62	.77	.91	60.5	17.7	4.40	.64	.79	.94	57.0	16.7	5.03	.66	.82	.97	53.0	15.5	5.75	.68	.85	1.00
	2140	1010	66.0	19.3	3.89	.65	.80	.95	62.0	18.2	4.42	.66	.83	.98	58.0	17.0	5.04	.68	.86	1.00	54.0	15.8	5.75	.71	.90	1.00
71°F (22°C)	1695	800	66.0	19.3	3.89	.46	.59	.72	63.0	18.5	4.42	.46	.60	.73	59.5	17.4	5.05	.47	.62	.76	55.0	16.1	5.76	.48	.64	.79
	1900	895	68.0	19.9	3.91	.47	.61	.75	64.5	18.9	4.44	.48	.62	.77	60.5	17.7	5.05	.48	.64	.79	56.5	16.6	5.77	.49	.66	.83
	2140	1010	70.0	20.5	3.93	.48	.63	.78	66.0	19.3	4.45	.49	.65	.81	62.0	18.2	5.07	.50	.67	.84	57.5	16.9	5.78	.51	.70	.87

**COOLING CAPACITY - XP15-060 with**

**[CH23-68 + G61MPV-60D-135]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1730	815	59.5	17.4	3.83	.77	.91	1.00	56.0	16.4	4.36	.79	.94	1.00	53.0	15.5	4.99	.82	.97	1.00	49.0	14.4	5.71	.85	1.00	1.00
	1945	920	61.0	17.9	3.84	.80	.95	1.00	57.5	16.9	4.37	.82	.98	1.00	54.5	16.0	4.99	.85	1.00	1.00	51.0	14.9	5.72	.89	1.00	1.00
	1985	935	61.0	17.9	3.84	.81	.96	1.00	58.0	17.0	4.37	.83	.98	1.00	54.5	16.0	4.99	.86	1.00	1.00	51.0	14.9	5.73	.90	1.00	1.00
67°F (19°C)	1730	815	63.0	18.5	3.85	.61	.75	.88	59.5	17.4	4.39	.62	.77	.91	56.0	16.4	4.94	.64	.79	.94	52.0	15.2	5.72	.66	.82	.97
	1945	920	64.5	18.9	3.87	.63	.78	.92	61.0	17.9	4.39	.64	.80	.95	57.0	16.7	5.02	.66	.83	.98	53.0	15.5	5.74	.68	.86	1.00
	1985	935	64.5	18.9	3.86	.63	.78	.93	61.0	17.9	4.39	.65	.81	.96	57.5	16.9	5.02	.67	.83	.98	53.5	15.7	5.74	.69	.87	1.00
71°F (22°C)	1730	815	67.0	19.6	3.89	.47	.60	.72	63.0	18.5	4.41	.47	.61	.74	59.5	17.4	5.03	.48	.62	.77	55.5	16.3	5.75	.48	.64	.80
	1945	920	68.0	19.9	3.90	.48	.62	.75	65.0	19.0	4.43	.48	.63	.78	61.0	17.9	5.04	.49	.65	.80	56.5	16.6	5.77	.50	.67	.84
	1985	935	69.0	20.2	3.90	.48	.62	.76	65.0	19.0	4.43	.48	.64	.78	61.0	17.9	5.05	.49	.65	.81	57.0	16.7	5.75	.50	.68	.84

**HEATING CAPACITY - XP15-060 with**

**[CH23-68 + G60UHV-60D-135]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input
1695	800	67.2	19.7	4.28	52.5	15.4	3.94	36.9	10.8	3.58	27.1	7.9	3.23	13.5	4.0	2.39
1900	895	67.8	19.9	4.15	53.1	15.6	3.81	37.5	11.0	3.45	27.8	8.1	3.09	14.2	4.2	2.26
2140	1010	68.6	20.1	4.04	53.9	15.8	3.70	38.3	11.2	3.34	28.6	8.4	2.98	14.9	4.4	2.14

**HEATING CAPACITY - XP15-060 with**

**[CH23-68 + G61MPV-60D-135]**

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
cfm	L/s	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input	Total Heating Capacity kBtuh	kW	Comp. Motor kW Input
1730	815	67.7	19.8	4.30	52.9	15.5	3.95	37.2	10.9	3.58	27.4	8.0	3.22	13.6	4.0	2.39
1945	920	68.4	20.0	4.16	53.6	15.7	3.81	37.9	11.1	3.44	28.1	8.2	3.08	14.3	4.2	2.25
1985	935	68.5	20.1	4.15	53.7	15.7	3.80	38.0	11.1	3.43	28.2	8.3	3.07	14.4	4.2	2.23

**HEATING PERFORMANCE at 1900 cfm (895 L/s) Indoor Coil Air Volume XP15-060 with**

**[CH23-68 + G60UHV-60D-135]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.15	67.8	19.9
60	16	4.07	64.5	18.9
55	13	4.00	61.1	17.9
50	10	3.92	57.8	16.9
47	8	3.87	55.8	16.4
45	7	3.81	53.1	15.6
40	4	3.66	46.4	13.6
35	2	3.51	39.6	11.6
30	-1	3.48	38.6	11.3
25	-4	3.45	37.5	11.0
20	-7	3.43	36.5	10.7
17	-8	3.41	35.9	10.5
15	-9	3.38	34.5	10.1
10	-12	3.30	31.2	9.1
5	-15	3.09	27.8	8.1
0	-18	2.88	24.4	7.2
-5	-21	2.67	21.0	6.2
-10	-23	2.47	17.6	5.2
-15	-26	2.26	14.2	4.2
-20	-29	2.05	10.8	3.2

**HEATING PERFORMANCE at cfm ( L/s) Indoor Coil Air Volume XP15-060 with**

**[CH23-68 + G61MPV-60D-135]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.16	68.4	20.0
60	16	4.08	65.0	19.0
55	13	4.00	61.7	18.1
50	10	3.93	58.3	17.1
47	8	3.88	56.3	16.5
45	7	3.81	53.6	15.7
40	4	3.65	46.8	13.7
35	2	3.49	39.9	11.7
30	-1	3.47	38.9	11.4
25	-4	3.44	37.9	11.1
20	-7	3.42	36.8	10.8
17	-8	3.40	36.2	10.6
15	-9	3.37	34.8	10.2
10	-12	3.29	31.5	9.2
5	-15	3.08	28.1	8.2
0	-18	2.88	24.6	7.2
-5	-21	2.67	21.2	6.2
-10	-23	2.46	17.7	5.2
-15	-26	2.25	14.3	4.2
-20	-29	2.04	10.9	3.2

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.  
Expanded rating tables are sorted by smallest to largest indoor unit model no.

**HORIZONTAL INDOOR COILS WITH GAS FURNACES**

**COOLING CAPACITY - XP15-060 with**

**[CH33-62D-2F + G60UHV-60D-135]**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
	Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb				
				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C		
cfm	L/s	kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW				kBtuh	kW			
63°F (17°C)	1695	800	58.0	17.0	3.81	.75	.88	1.00	55.0	16.1	4.35	.77	.91	1.00	52.0	15.2	4.96	.79	.94	1.00	48.0	14.1	5.67	.82	.97	1.00
	1900	895	59.5	17.4	3.82	.78	.91	1.00	56.5	16.6	4.34	.80	.94	1.00	53.0	15.5	4.97	.82	.97	1.00	49.5	14.5	5.69	.85	1.00	1.00
	2140	1010	61.5	18.0	3.83	.80	.95	1.00	58.0	17.0	4.35	.83	.98	1.00	54.5	16.0	4.96	.85	1.00	1.00	51.0	14.9	5.70	.89	1.00	1.00
67°F (19°C)	1695	800	61.5	18.0	3.83	.60	.73	.85	58.5	17.1	4.37	.61	.74	.87	55.0	16.1	4.98	.62	.76	.90	51.5	15.1	5.70	.64	.79	.94
	1900	895	63.0	18.5	3.84	.62	.75	.88	60.0	17.6	4.38	.63	.77	.91	56.5	16.6	4.99	.64	.79	.94	52.5	15.4	5.71	.66	.82	.98
	2140	1010	64.5	18.9	3.85	.63	.78	.92	61.0	17.9	4.37	.65	.80	.95	57.5	16.9	5.00	.66	.83	.98	53.5	15.7	5.72	.69	.86	1.00
71°F (22°C)	1695	800	65.0	19.0	3.86	.47	.59	.70	62.0	18.2	4.39	.47	.60	.72	58.5	17.1	5.01	.47	.61	.74	54.5	16.0	5.71	.48	.62	.77
	1900	895	67.0	19.6	3.87	.47	.60	.73	63.5	18.6	4.40	.48	.61	.75	59.5	17.4	5.02	.48	.63	.77	56.0	16.4	5.74	.49	.65	.80
	2140	1010	68.0	19.9	3.88	.48	.62	.76	65.0	19.0	4.41	.49	.64	.78	61.0	17.9	5.02	.50	.65	.80	57.0	16.7	5.75	.51	.67	.84

**HEATING CAPACITY - XP15-060 with**

**[CH33-62D-2F + G60UHV-60D-135]**

Indoor Coil Air Volume 70°F db (21°C db)	Air Temperature Entering Outdoor Coil															
	65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)			
	cfm	L/s	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input	Total Heating Capacity	Comp. Motor kW Input		
1695	800	64.9	19.0	5.32	51.0	14.9	4.79	36.1	10.6	4.24	26.9	7.9	3.70	13.3	3.9	2.78
1900	895	65.5	19.2	5.10	51.6	15.1	4.57	36.8	10.8	4.03	27.6	8.1	3.49	14.0	4.1	2.57
2140	1010	66.4	19.5	4.93	52.5	15.4	4.40	37.7	11.0	3.85	28.5	8.4	3.31	14.9	4.4	2.39

**HEATING PERFORMANCE at 1900 cfm (895 L/s) Indoor Coil**

**Air Volume XP15-060 with [CH33-62D-2F + G60UHV-60D-135]**

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	5.10	65.5	19.2
60	16	4.98	62.4	18.3
55	13	4.85	59.3	17.4
50	10	4.73	56.1	16.4
47	8	4.65	54.2	15.9
45	7	4.57	51.6	15.1
40	4	4.38	45.1	13.2
35	2	4.19	38.6	11.3
30	-1	4.11	37.7	11.0
25	-4	4.03	36.8	10.8
20	-7	3.94	35.9	10.5
17	-8	3.89	35.4	10.4
15	-9	3.84	34.1	10.0
10	-12	3.72	31.0	9.1
5	-15	3.49	27.6	8.1
0	-18	3.26	24.2	7.1
-5	-21	3.03	20.8	6.1
-10	-23	2.80	17.4	5.1
-15	-26	2.57	14.0	4.1
-20	-29	2.34	10.6	3.1



## REVISIONS

### Description of Change

Added ratings for CBX40UHV Air Handlers.



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