



ENGINEERING DATA

XC13
ELITE® SERIES
Expanded Rating Tables

Bulletin No. 210431R
 April 2009
 Supersedes September 2008

RATINGS

1.5 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

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	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C		

COOLING CAPACITY - XC13-018 TXV System with [CX34-18/24A-6F]

63°F (17°C)	525	250	18.3	5.4	1.07	.76	.88	.99	17.4	5.1	1.23	.77	.91	1.00	16.5	4.8	1.40	.79	.93	1.00	15.5	4.5	1.60	.82	.97	1.00
	600	285	18.8	5.5	1.07	.78	.92	1.00	17.9	5.2	1.23	.80	.95	1.00	16.9	5.0	1.40	.82	.98	1.00	15.9	4.7	1.60	.85	1.00	1.00
	675	320	19.3	5.7	1.08	.81	.95	1.00	18.3	5.4	1.23	.83	.98	1.00	17.4	5.1	1.40	.85	1.00	1.00	16.5	4.8	1.60	.88	1.00	1.00
67°F (19°C)	525	250	19.3	5.7	1.08	.61	.73	.85	18.4	5.4	1.23	.62	.75	.87	17.4	5.1	1.40	.63	.77	.90	16.3	4.8	1.60	.65	.79	.93
	600	285	19.9	5.8	1.08	.63	.76	.88	18.9	5.5	1.23	.64	.77	.91	17.9	5.2	1.41	.65	.80	.94	16.8	4.9	1.60	.67	.82	.98
	675	320	20.4	6.0	1.08	.64	.78	.92	19.3	5.7	1.23	.65	.80	.95	18.3	5.4	1.41	.67	.83	.98	17.1	5.0	1.61	.69	.86	1.00
71°F (22°C)	525	250	20.2	5.9	1.08	.47	.60	.71	19.2	5.6	1.23	.47	.61	.72	18.2	5.3	1.41	.48	.62	.74	17.1	5.0	1.61	.49	.63	.77
	600	285	20.8	6.1	1.08	.48	.61	.73	19.8	5.8	1.24	.48	.62	.75	18.8	5.5	1.41	.49	.64	.77	17.6	5.2	1.61	.50	.65	.80
	675	320	21.4	6.3	1.08	.49	.63	.76	20.4	6.0	1.24	.50	.64	.78	19.2	5.6	1.41	.50	.66	.80	18.0	5.3	1.61	.51	.68	.83

COOLING CAPACITY - XC13-018 TXV System with [CX34-19-6F]

63°F (17°C)	555	260	18.9	5.5	1.07	.76	.90	1.00	18.0	5.3	1.23	.78	.92	1.00	16.9	5.0	1.40	.80	.95	1.00	15.8	4.6	1.60	.83	.99	1.00
	630	295	19.4	5.7	1.08	.79	.94	1.00	18.4	5.4	1.23	.81	.97	1.00	17.4	5.1	1.40	.84	.99	1.00	16.3	4.8	1.60	.87	1.00	1.00
	705	335	19.9	5.8	1.08	.82	.97	1.00	18.9	5.5	1.23	.84	1.00	1.00	17.9	5.2	1.40	.87	1.00	1.00	16.8	4.9	1.60	.90	1.00	1.00
67°F (19°C)	555	260	20.2	5.9	1.08	.61	.74	.86	19.1	5.6	1.23	.62	.76	.89	18.0	5.3	1.41	.63	.78	.92	16.8	4.9	1.60	.65	.80	.95
	630	295	20.6	6.0	1.08	.63	.77	.91	19.6	5.7	1.24	.64	.79	.93	18.4	5.4	1.41	.65	.81	.96	17.2	5.0	1.60	.67	.84	.99
	705	335	21.0	6.2	1.08	.65	.80	.94	20.0	5.9	1.24	.66	.82	.97	18.8	5.5	1.41	.67	.84	1.00	17.5	5.1	1.60	.69	.87	1.00
71°F (22°C)	555	260	21.2	6.2	1.08	.47	.59	.71	20.2	5.9	1.24	.47	.60	.73	19.1	5.6	1.41	.48	.62	.75	17.9	5.2	1.61	.49	.63	.78
	630	295	21.8	6.4	1.09	.48	.61	.74	20.8	6.1	1.24	.48	.63	.77	19.6	5.7	1.42	.49	.64	.79	18.3	5.4	1.61	.50	.66	.82
	705	335	22.2	6.5	1.09	.49	.63	.77	21.2	6.2	1.25	.49	.65	.79	19.9	5.8	1.42	.50	.66	.82	18.6	5.5	1.61	.51	.68	.85

COOLING CAPACITY - XC13-018 RFC System with [CX34-19A-6F]

63°F (17°C)	525	250	18.7	5.5	1.07	.75	.89	1.00	17.7	5.2	1.23	.77	.91	1.00	16.7	4.9	1.40	.79	.94	1.00	15.6	4.6	1.60	.81	.97	1.00
	600	285	19.2	5.6	1.08	.78	.93	1.00	18.2	5.3	1.23	.80	.95	1.00	17.2	5.0	1.40	.82	.98	1.00	16.0	4.7	1.60	.85	1.00	1.00
	675	320	19.7	5.8	1.08	.81	.96	1.00	18.7	5.5	1.23	.83	.99	1.00	17.6	5.2	1.40	.86	1.00	1.00	16.6	4.9	1.60	.89	1.00	1.00
67°F (19°C)	525	250	19.8	5.8	1.08	.60	.73	.85	18.8	5.5	1.23	.61	.75	.87	17.8	5.2	1.40	.62	.76	.90	16.6	4.9	1.60	.64	.79	.94
	600	285	20.4	6.0	1.08	.62	.76	.89	19.4	5.7	1.23	.63	.78	.92	18.2	5.3	1.41	.65	.80	.95	17.0	5.0	1.61	.66	.83	.98
	675	320	20.8	6.1	1.08	.64	.79	.93	19.8	5.8	1.24	.65	.81	.96	18.6	5.5	1.41	.67	.83	.99	17.4	5.1	1.61	.69	.86	1.00
71°F (22°C)	525	250	21.0	6.2	1.08	.47	.59	.70	19.9	5.8	1.24	.47	.60	.72	18.8	5.5	1.41	.48	.61	.74	17.6	5.2	1.61	.48	.63	.76
	600	285	21.6	6.3	1.08	.48	.61	.73	20.4	6.0	1.24	.48	.62	.75	19.3	5.7	1.41	.49	.63	.77	18.0	5.3	1.61	.49	.65	.80
	675	320	22.2	6.5	1.09	.48	.63	.76	21.0	6.2	1.24	.49	.64	.78	19.7	5.8	1.42	.50	.66	.81	18.4	5.4	1.62	.51	.67	.84

COOLING CAPACITY - XC13-018 TXV System with [CX34-25A/B-6F]

63°F (17°C)	525	250	19.0	5.6	1.07	.76	.90	1.00	18.0	5.3	1.23	.78	.92	1.00	17.0	5.0	1.40	.80	.95	1.00	15.9	4.7	1.60	.82	.98	1.00
	600	285	19.6	5.7	1.08	.79	.94	1.00	18.5	5.4	1.23	.81	.96	1.00	17.5	5.1	1.40	.83	.99	1.00	16.4	4.8	1.60	.86	1.00	1.00
	675	320	20.0	5.9	1.08	.82	.98	1.00	19.0	5.6	1.23	.84	1.00	1.00	18.0	5.3	1.40	.87	1.00	1.00	17.0	5.0	1.60	.90	1.00	1.00
67°F (19°C)	525	250	20.2	5.9	1.08	.61	.74	.86	19.1	5.6	1.23	.62	.75	.88	18.0	5.3	1.41	.63	.77	.91	16.9	5.0	1.60	.65	.80	.95
	600	285	20.8	6.1	1.08	.63	.77	.90	19.7	5.8	1.24	.64	.79	.93	18.5	5.4	1.41	.65	.81	.96	17.2	5.0	1.61	.67	.84	.99
	675	320	21.2	6.2	1.08	.65	.80	.94	20.0	5.9	1.24	.66	.82	.97	18.9	5.5	1.41	.67	.85	1.00	17.6	5.2	1.61	.69	.88	1.00
71°F (22°C)	525	250	21.2	6.2	1.08	.47	.59	.71	20.2	5.9	1.24	.47	.60	.73	19.1	5.6	1.41	.48	.62	.75	17.8	5.2	1.61	.49	.63	.77
	600	285	21.8	6.4	1.09	.48	.61	.74	20.8	6.1	1.24	.48	.62	.76	19.6	5.7	1.42	.49	.64	.79	18.3	5.4	1.61	.50	.66	.82
	675	320	22.4	6.6	1.09	.49	.63	.77	21.2	6.2	1.25	.49	.65	.80	20.0	5.9	1.42	.50	.66	.82	18.7	5.5	1.62	.51	.68	.85

COOLING CAPACITY - XC13-018 RFC System with [CX34-25A/B-6F]

63°F (17°C)	525	250	18.9	5.5	1.07	.76	.90	1.00	18.0	5.3	1.23	.78	.92	1.00	16.9	5.0	1.40	.80	.95	1.00	15.8	4.6	1.60	.83	.98	1.00
	600	285	19.5	5.7	1.08	.79	.94	1.00	18.5	5.4	1.23	.81	.97	1.00	17.4	5.1	1.40	.84	.99	1.00	16.3	4.8	1.60	.87	1.00	1.00
	675	320	20.0	5.9	1.08	.82	.98	1.00	19.0	5.6	1.23	.84	1.00	1.00	18.0	5.3	1.41	.87	1.00	1.00	16.9	5.0	1.60	.90	1.00	1.00
67°F (19°C)	525	250	20.0	5.9	1.08	.61	.74	.86	19.1	5.6	1.23	.62	.75	.89	18.0	5.3	1.41	.63	.77	.92	16.8	4.9	1.60	.65	.80	.95
	600	285	20.6	6.0	1.08	.63	.77	.90	19.6	5.7	1.24	.64	.79	.93	18.4	5.4	1.41	.65	.81	.96	17.2	5.0	1.61	.67	.84	1.00
	675	320	21.2	6.2	1.08	.65	.80	.95	20.0	5.9	1.24	.66	.82	.98	18.8	5.5	1.41	.68	.85	1.00	17.5	5.1	1.61	.70	.88	1.00
71°F (22°C)	525	250	21.2	6.2	1.08	.47	.59	.71	20.2	5.9	1.24	.47	.60	.73	19.0	5.6	1.41	.48	.62	.75	17.8	5.2	1.61	.49	.63	.77
	600	285	21.8	6.4	1.09	.48	.61	.74	20.8	6.1	1.24	.48	.62	.76	19.5	5.7	1.42	.49	.64	.79	18.2	5.3	1.61	.50	.66	.82
	675	320	22.4	6.6	1.09	.49	.63	.77	21.2	6.2	1.25	.49	.65	.80	19.9	5.8	1.42	.50	.66	.82	18.6	5.5	1.61	.51	.69	.86

RATINGS

1.5 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

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

COOLING CAPACITY - XC13-018 TXV System with [CX34-30A/B-6F]

63°F (17°C)	525	250	18.6	5.5	1.07	.76	.89	1.00	17.7	5.2	1.23	.78	.91	1.00	16.7	4.9	1.40	.80	.94	1.00	15.7	4.6	1.60	.82	.98	1.00
	600	285	19.1	5.6	1.07	.79	.93	1.00	18.2	5.3	1.23	.81	.95	1.00	17.2	5.0	1.40	.83	.98	1.00	16.2	4.7	1.60	.86	1.00	1.00
	675	320	19.6	5.7	1.08	.81	.97	1.00	18.6	5.5	1.23	.84	.99	1.00	17.8	5.2	1.40	.86	1.00	1.00	16.8	4.9	1.60	.89	1.00	1.00
67°F (19°C)	525	250	19.6	5.7	1.08	.61	.74	.86	18.6	5.5	1.23	.62	.75	.88	17.7	5.2	1.40	.63	.77	.91	16.6	4.9	1.60	.65	.80	.94
	600	285	20.2	5.9	1.08	.63	.76	.89	19.2	5.6	1.23	.64	.78	.92	18.2	5.3	1.41	.65	.81	.95	17.0	5.0	1.60	.67	.83	.99
	675	320	20.6	6.0	1.08	.65	.79	.93	19.7	5.8	1.24	.66	.81	.96	18.6	5.5	1.41	.68	.84	.99	17.4	5.1	1.61	.69	.87	1.00
71°F (22°C)	525	250	20.4	6.0	1.08	.47	.60	.71	19.5	5.7	1.24	.47	.61	.73	18.5	5.4	1.41	.48	.62	.75	17.3	5.1	1.61	.49	.64	.77
	600	285	21.2	6.2	1.08	.48	.62	.74	20.2	5.9	1.24	.49	.63	.76	19.0	5.6	1.41	.49	.64	.78	17.8	5.2	1.61	.50	.66	.81
	675	320	21.6	6.3	1.09	.49	.63	.77	20.6	6.0	1.24	.50	.65	.79	19.5	5.7	1.42	.50	.66	.81	18.2	5.3	1.61	.51	.68	.85

COOLING CAPACITY - XC13-018 RFC System with [CX34-30A/B/C-6F]

63°F (17°C)	525	250	18.6	5.5	1.07	.76	.89	1.00	17.7	5.2	1.23	.78	.92	1.00	16.7	4.9	1.40	.80	.95	1.00	15.7	4.6	1.60	.83	.98	1.00
	600	285	19.2	5.6	1.08	.79	.93	1.00	18.3	5.4	1.23	.81	.96	1.00	17.2	5.0	1.40	.83	.99	1.00	16.2	4.7	1.60	.86	1.00	1.00
	675	320	19.7	5.8	1.08	.82	.97	1.00	18.7	5.5	1.23	.84	.99	1.00	17.8	5.2	1.40	.87	1.00	1.00	16.8	4.9	1.61	.90	1.00	1.00
67°F (19°C)	525	250	19.6	5.7	1.08	.61	.74	.86	18.7	5.5	1.23	.62	.76	.88	17.7	5.2	1.40	.63	.78	.91	16.6	4.9	1.60	.65	.80	.95
	600	285	20.2	5.9	1.08	.63	.77	.90	19.3	5.7	1.23	.64	.79	.93	18.2	5.3	1.41	.66	.81	.96	17.0	5.0	1.60	.67	.84	.99
	675	320	20.8	6.1	1.08	.65	.79	.94	19.7	5.8	1.24	.66	.82	.97	18.6	5.5	1.41	.68	.84	.99	17.3	5.1	1.61	.70	.88	1.00
71°F (22°C)	525	250	20.6	6.0	1.08	.47	.60	.72	19.6	5.7	1.24	.47	.61	.73	18.5	5.4	1.41	.48	.62	.75	17.4	5.1	1.61	.49	.64	.78
	600	285	21.2	6.2	1.08	.48	.62	.74	20.2	5.9	1.24	.49	.63	.76	19.1	5.6	1.41	.49	.64	.79	17.9	5.2	1.61	.50	.66	.81
	675	320	21.8	6.4	1.09	.49	.64	.77	20.6	6.0	1.24	.49	.65	.79	19.5	5.7	1.42	.50	.67	.82	18.2	5.3	1.61	.51	.69	.85

COOLING CAPACITY - XC13-018 TXV System with [CX34-31-6F]

63°F (17°C)	525	250	19.2	5.6	1.08	.76	.89	1.00	18.2	5.3	1.23	.78	.92	1.00	17.1	5.0	1.40	.80	.95	1.00	16.0	4.7	1.60	.82	.98	1.00
	600	285	19.7	5.8	1.08	.79	.94	1.00	18.7	5.5	1.23	.81	.96	1.00	17.7	5.2	1.40	.83	.99	1.00	16.6	4.9	1.60	.86	1.00	1.00
	675	320	20.2	5.9	1.08	.82	.98	1.00	19.2	5.6	1.23	.84	1.00	1.00	18.2	5.3	1.41	.87	1.00	1.00	17.2	5.0	1.61	.90	1.00	1.00
67°F (19°C)	525	250	20.4	6.0	1.08	.60	.73	.86	19.3	5.7	1.23	.61	.75	.88	18.2	5.3	1.41	.63	.77	.91	17.0	5.0	1.61	.64	.80	.95
	600	285	21.0	6.2	1.08	.62	.77	.90	19.9	5.8	1.24	.64	.79	.93	18.7	5.5	1.41	.65	.81	.96	17.5	5.1	1.61	.67	.83	.99
	675	320	21.4	6.3	1.09	.64	.80	.94	20.4	6.0	1.24	.66	.82	.97	19.1	5.6	1.41	.67	.84	1.00	17.8	5.2	1.61	.69	.88	1.00
71°F (22°C)	525	250	21.4	6.3	1.08	.46	.59	.70	20.4	6.0	1.24	.47	.60	.72	19.2	5.6	1.41	.47	.61	.75	18.0	5.3	1.61	.48	.63	.77
	600	285	22.0	6.4	1.09	.47	.61	.74	21.0	6.2	1.24	.48	.62	.76	19.8	5.8	1.42	.49	.64	.78	18.5	5.4	1.61	.49	.66	.81
	675	320	22.6	6.6	1.09	.49	.63	.77	21.4	6.3	1.25	.49	.64	.79	20.2	5.9	1.42	.50	.66	.82	18.9	5.5	1.62	.51	.68	.85

COOLING CAPACITY - XC13-018 RFC System with [CX34-31A/B-6F]

63°F (17°C)	525	250	19.2	5.6	1.08	.76	.90	1.00	18.1	5.3	1.23	.77	.92	1.00	17.1	5.0	1.40	.80	.95	1.00	15.9	4.7	1.60	.82	.99	1.00
	600	285	19.7	5.8	1.08	.79	.94	1.00	18.7	5.5	1.23	.81	.97	1.00	17.6	5.2	1.40	.83	.99	1.00	16.5	4.8	1.60	.86	1.00	1.00
	675	320	20.2	5.9	1.08	.82	.98	1.00	19.2	5.6	1.23	.84	1.00	1.00	18.2	5.3	1.41	.87	1.00	1.00	17.1	5.0	1.61	.91	1.00	1.00
67°F (19°C)	525	250	20.4	6.0	1.08	.60	.73	.86	19.3	5.7	1.23	.62	.76	.88	18.2	5.3	1.41	.62	.77	.91	17.0	5.0	1.61	.64	.80	.95
	600	285	21.0	6.2	1.08	.62	.77	.90	19.9	5.8	1.24	.64	.79	.93	18.7	5.5	1.41	.65	.81	.96	17.4	5.1	1.61	.67	.84	1.00
	675	320	21.4	6.3	1.08	.64	.80	.95	20.4	6.0	1.24	.66	.82	.98	19.1	5.6	1.41	.67	.85	1.00	17.8	5.2	1.61	.69	.88	1.00
71°F (22°C)	525	250	21.4	6.3	1.09	.46	.59	.71	20.4	6.0	1.24	.47	.60	.73	19.2	5.6	1.41	.47	.61	.75	18.0	5.3	1.61	.48	.63	.77
	600	285	22.2	6.5	1.09	.47	.61	.74	21.0	6.2	1.24	.48	.62	.76	19.8	5.8	1.42	.49	.64	.78	18.5	5.4	1.61	.49	.65	.81
	675	320	22.6	6.6	1.09	.48	.63	.77	21.4	6.3	1.25	.49	.64	.80	20.2	5.9	1.42	.50	.66	.82	18.9	5.5	1.62	.51	.68	.86

DOWN-FLOW INDOOR COILS

COOLING CAPACITY - XC13-018 TXV System with [CR33-18A/B-F]

63°F (17°C)	525	250	18.7	5.5	1.07	.78	.92	1.00	17.7	5.2	1.23	.80	.94	1.00	16.8	4.9	1.40	.82	.97	1.00	15.7	4.6	1.60	.85	.99	1.00
	600	285	19.3	5.7	1.08	.81	.96	1.00	18.4	5.4	1.23	.83	.99	1.00	17.4	5.1	1.40	.86	1.00	1.00	16.4	4.8	1.60	.89	1.00	1.00
	675	320	19.9	5.8	1.08	.85	.99	1.00	18.9	5.5	1.23	.87	1.00	1.00	18.0	5.3	1.41	.90	1.00	1.00	16.9	5.0	1.60	.93	1.00	1.00
67°F (19°C)	525	250	19.5	5.7	1.07	.62	.76	.89	18.6	5.5	1.23	.63	.77	.91	17.5	5.1	1.40	.64	.80	.94	16.4	4.8	1.60	.66	.82	.97
	600	285	20.2	5.9	1.08	.64	.79	.93	19.1	5.6	1.23	.65	.81	.96	18.1	5.3	1.41	.67	.84	.98	16.9	5.0	1.60	.69	.87	1.00
	675	320	20.6	6.0	1.08	.66	.83	.97	19.6	5.7	1.24	.68	.85	.99	18.5	5.4	1.41	.70	.88	1.00	17.2	5.0	1.61	.72	.91	1.00
71°F (22°C)	525	250	20.4	6.0	1.08	.47	.61	.73	19.4	5.7	1.23	.48	.62	.75	18.3	5.4	1.41	.48	.63	.77	17.1	5.0	1.60	.49	.65	.80
	600	285	21.0	6.2	1.08	.49	.63	.77	20.0	5.9	1.24	.49	.64	.79	18.8	5.5	1.41	.50	.66	.81	17.6	5.2	1.61	.51	.68	.84
	675	320	21.6	6.3	1.08	.50	.65	.80	20.4	6.0	1.24	.51	.67	.83	19.3	5.7	1.42	.51	.69	.85	18.1	5.3	1.61	.52	.71	.89

COOLING CAPACITY - XC13-018 RFC System with [CR33-18A-F]

63°F (17°C)	525	250	18.6	5.5	1.07	.78	.92	1.00	17.7	5.2	1.23	.80	.95	1.00	16.7	4.9	1.40	.82	.97	1.00	15.7	4.6	1.60	.85	1.00	1.00
	600	285	19.3	5.7	1.08	.81	.96	1.00	18.3	5.4	1.23	.84	.99	1.00	17.4	5.1	1.40	.86	1.00	1.00	16.3	4.8	1.60	.90	1.00	1.00
	675	320	19.8	5.8	1.08	.85	1.00	1.00	18.9	5.5	1.23	.87	1.00	1.00	17.9	5.2	1.41	.90	1.00	1.00	16.9	5.0	1.61	.94	1.00	1.00
67°F (19°C)	525	250	19.5	5.7	1.08	.62	.76	.89	18.5	5.4	1.23	.63	.77	.91	17.5	5.1	1.40	.64	.80	.94	16.3					

RATINGS

1.5 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

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
cfm	L/s																									

COOLING CAPACITY - XC13-018 TXV System with [CR33-24A/B-F]

63°F (17°C)	525	250	18.9	5.5	1.07	.76	.90	1.00	17.9	5.2	1.23	.77	.92	1.00	16.9	5.0	1.40	.80	.95	1.00	15.8	4.6	1.60	.82	.98	1.00
	600	285	19.5	5.7	1.08	.79	.94	1.00	18.5	5.4	1.23	.81	.96	1.00	17.4	5.1	1.40	.83	.99	1.00	16.3	4.8	1.60	.86	1.00	1.00
	675	320	19.9	5.8	1.08	.82	.97	1.00	18.9	5.5	1.23	.84	.99	1.00	17.9	5.2	1.41	.87	1.00	1.00	16.8	4.9	1.60	.90	1.00	1.00
67°F (19°C)	525	250	20.0	5.9	1.08	.61	.74	.86	19.0	5.6	1.23	.62	.75	.88	18.0	5.3	1.41	.63	.77	.91	16.8	4.9	1.60	.64	.80	.94
	600	285	20.6	6.0	1.08	.63	.77	.90	19.5	5.7	1.24	.64	.79	.93	18.4	5.4	1.41	.65	.81	.96	17.2	5.0	1.60	.67	.84	.99
	675	320	21.0	6.2	1.08	.65	.80	.94	20.0	5.9	1.24	.66	.82	.97	18.8	5.5	1.41	.67	.84	.99	17.5	5.1	1.61	.69	.88	1.00
71°F (22°C)	525	250	21.0	6.2	1.08	.47	.59	.71	20.0	5.9	1.24	.47	.60	.73	18.9	5.5	1.41	.48	.61	.75	17.8	5.2	1.61	.48	.63	.77
	600	285	21.6	6.3	1.09	.48	.61	.74	20.6	6.0	1.24	.48	.62	.76	19.4	5.7	1.42	.49	.64	.79	18.2	5.3	1.61	.50	.66	.81
	675	320	22.2	6.5	1.09	.49	.63	.77	21.0	6.2	1.24	.49	.64	.79	19.8	5.8	1.42	.50	.66	.82	18.5	5.4	1.62	.51	.68	.85

COOLING CAPACITY - XC13-018 RFC System with [CR33-24A/B-F]

63°F (17°C)	525	250	18.9	5.5	1.07	.76	.90	1.00	17.9	5.2	1.23	.78	.92	1.00	16.9	5.0	1.40	.80	.97	1.00	15.8	4.6	1.60	.82	.98	1.00
	600	285	19.4	5.7	1.08	.79	.94	1.00	18.4	5.4	1.23	.81	.96	1.00	17.4	5.1	1.40	.83	.99	1.00	16.3	4.8	1.60	.86	1.00	1.00
	675	320	19.9	5.8	1.08	.82	.98	1.00	18.9	5.5	1.23	.84	.99	1.00	17.9	5.2	1.41	.87	1.00	1.00	16.8	4.9	1.60	.90	1.00	1.00
67°F (19°C)	525	250	20.0	5.9	1.08	.61	.73	.86	19.0	5.6	1.23	.61	.75	.88	17.9	5.2	1.41	.63	.77	.91	16.8	4.9	1.61	.64	.80	.95
	600	285	20.6	6.0	1.08	.62	.77	.91	19.5	5.7	1.24	.64	.79	.93	18.4	5.4	1.41	.65	.81	.96	17.2	5.0	1.61	.67	.84	.99
	675	320	21.0	6.2	1.08	.64	.80	.94	19.9	5.8	1.24	.66	.82	.97	18.8	5.5	1.41	.67	.85	.99	17.5	5.1	1.61	.69	.88	1.00
71°F (22°C)	525	250	21.0	6.2	1.08	.47	.59	.71	20.0	5.9	1.24	.47	.60	.73	18.9	5.5	1.41	.47	.61	.75	17.7	5.2	1.61	.48	.63	.77
	600	285	21.6	6.3	1.09	.47	.61	.74	20.6	6.0	1.24	.48	.62	.76	19.4	5.7	1.42	.49	.64	.78	18.1	5.3	1.62	.49	.66	.81
	675	320	22.2	6.5	1.09	.49	.63	.77	21.0	6.2	1.25	.49	.65	.80	19.8	5.8	1.42	.50	.66	.82	18.5	5.4	1.62	.51	.68	.86

COOLING CAPACITY - XC13-018 TXV System with [CH33-19A-2F]

63°F (17°C)	525	250	18.8	5.5	1.07	.76	.90	1.00	17.8	5.2	1.23	.78	.92	1.00	16.8	4.9	1.40	.80	.95	1.00	15.8	4.6	1.60	.82	.98	1.00
	600	285	19.3	5.7	1.08	.79	.94	1.00	18.4	5.4	1.23	.81	.96	1.00	17.3	5.1	1.40	.83	.99	1.00	16.3	4.8	1.60	.86	1.00	1.00
	675	320	19.8	5.8	1.08	.82	.97	1.00	18.9	5.5	1.23	.84	1.00	1.00	17.9	5.2	1.40	.87	1.00	1.00	16.8	4.9	1.60	.90	1.00	1.00
67°F (19°C)	525	250	19.7	5.8	1.08	.61	.74	.86	18.8	5.5	1.23	.62	.75	.88	17.7	5.2	1.41	.63	.77	.91	16.6	4.9	1.60	.65	.80	.95
	600	285	20.4	6.0	1.08	.63	.77	.90	19.3	5.7	1.23	.64	.79	.93	18.3	5.4	1.41	.65	.81	.96	17.1	5.0	1.61	.67	.84	.99
	675	320	20.8	6.1	1.08	.65	.80	.95	19.8	5.8	1.24	.66	.82	.97	18.7	5.5	1.41	.67	.84	1.00	17.4	5.1	1.61	.70	.88	1.00
71°F (22°C)	525	250	20.6	6.0	1.08	.47	.60	.71	19.6	5.7	1.24	.47	.61	.73	18.5	5.4	1.41	.48	.62	.75	17.4	5.1	1.61	.49	.63	.78
	600	285	21.2	6.2	1.08	.48	.61	.74	20.2	5.9	1.24	.48	.63	.76	19.1	5.6	1.41	.49	.64	.79	17.9	5.2	1.61	.50	.66	.81
	675	320	21.8	6.4	1.09	.49	.63	.77	20.8	6.1	1.24	.49	.65	.79	19.6	5.7	1.42	.50	.66	.82	18.3	5.4	1.61	.51	.68	.85

HORIZONTAL INDOOR COILS

COOLING CAPACITY - XC13-018 RFC System with [CH33-19A-2F]

63°F (17°C)	525	250	18.8	5.5	1.07	.76	.90	1.00	17.8	5.2	1.23	.78	.92	1.00	16.8	4.9	1.40	.80	.95	1.00	15.7	4.6	1.60	.83	.98	1.00
	600	285	19.3	5.7	1.08	.79	.94	1.00	18.3	5.4	1.23	.81	.97	1.00	17.3	5.1	1.40	.84	.99	1.00	16.3	4.8	1.60	.87	1.00	1.00
	675	320	19.8	5.8	1.08	.82	.98	1.00	18.8	5.5	1.23	.84	1.00	1.00	17.9	5.2	1.40	.87	1.00	1.00	16.8	4.9	1.60	.91	1.00	1.00
67°F (19°C)	525	250	19.7	5.8	1.08	.61	.74	.86	18.8	5.5	1.23	.62	.76	.89	17.7	5.2	1.40	.63	.78	.92	16.6	4.9	1.60	.65	.80	.95
	600	285	20.4	6.0	1.08	.63	.77	.91	19.3	5.7	1.23	.64	.79	.93	18.2	5.3	1.41	.65	.81	.97	17.1	5.0	1.61	.67	.84	1.00
	675	320	20.8	6.1	1.08	.65	.80	.95	19.8	5.8	1.24	.66	.82	.97	18.7	5.5	1.41	.68	.85	1.00	17.4	5.1	1.61	.70	.88	1.00
71°F (22°C)	525	250	20.6	6.0	1.08	.47	.59	.71	19.6	5.7	1.24	.47	.60	.73	18.5	5.4	1.41	.48	.62	.75	17.4	5.1	1.61	.49	.63	.78
	600	285	21.2	6.2	1.08	.48	.61	.74	20.2	5.9	1.24	.48	.63	.76	19.1	5.6	1.41	.49	.64	.79	17.9	5.2	1.61	.50	.66	.82
	675	320	21.8	6.4	1.09	.49	.63	.77	20.8	6.1	1.24	.49	.65	.80	19.6	5.7	1.42	.50	.66	.82	18.3	5.4	1.61	.51	.69	.86

COOLING CAPACITY - XC13-018 TXV System with [CH33-24-F]

63°F (17°C)	525	250	18.7	5.5	1.07	.76	.89	1.00	17.8	5.2	1.23	.78	.92	1.00	16.8	4.9	1.40	.80	.95	1.00	15.7	4.6	1.60	.82	.98	1.00
	600	285	19.3	5.7	1.08	.79	.93	1.00	18.3	5.4	1.23	.81	.96	1.00	17.3	5.1	1.40	.83	.99	1.00	16.2	4.7	1.60	.86	1.00	1.00
	675	320	19.7	5.8	1.08	.82	.97	1.00	18.8	5.5	1.23	.84	.99	1.00	17.8	5.2	1.40	.86	1.00	1.00	16.8	4.9	1.60	.90	1.00	1.00
67°F (19°C)	525	250	19.7	5.8	1.08	.61	.74	.86	18.7	5.5	1.23	.62	.75	.88	17.7	5.2	1.40	.63	.77	.91	16.6	4.9	1.60	.65	.80	.94
	600	285	20.2	5.9	1.08	.63	.76	.90	19.3	5.7	1.23	.64	.78	.93	18.2	5.3	1.41	.65	.81	.96	17.0	5.0	1.61	.67	.83	.99
	675	320	20.8	6.1	1.08	.64	.79	.94	19.7	5.8	1.24	.66	.81	.97	18.6	5.5	1.41	.67	.84	.99	17.4	5.1	1.61	.69	.87	1.00
71°F (22°C)	525	250	20.4	6.0	1.08	.47	.59	.71	19.5	5.7	1.24	.47	.60	.73	18.5	5.4	1.41	.48	.62	.75	17.3	5.1	1.61	.49	.63	.77
	600	285	21.2	6.2	1.08	.48	.61	.74	20.2	5.9	1.24	.48	.62	.76	19.0	5.6	1.41	.49	.64	.78	17.9	5.2	1.61	.50	.66	.81
	675	320	21.8	6.4	1.08	.49	.63	.77	20.6	6.0	1.24	.49	.65	.79	19.5	5.7	1.42	.50	.66	.82	18.3	5.4	1.61	.51	.68	.85

COOLING CAPACITY - XC13-018 RFC System with [CH33-24/30A-2F]

63°F (17°C)	525	250	18.7	5.5	1.07	.76	.89	1.00	17.8	5.2	1.23	.78	.92	1.00	16.8	4.9	1.40	.80	.95	1.00	15.7	4.6	1.60	.82	.98	1.00
	600	285	19.3	5.7	1.08	.79	.94	1.00	18.3	5.4	1.23	.81	.96	1.00	17.3	5.1	1.40	.83	.99	1.00	16.2	4.7	1.60	.86	1.00	1.00
	675	320	19.7	5.8	1.08	.82	.97	1.00	18.8	5.5	1.23	.84	1.00	1.00	17.8	5.2	1.40	.87	1.00	1.00	16.7	4.9	1.61	.90	1.00	1.00
67°F (19°C)	525	250	19.7	5.8	1.08	.61	.74	.86	18.7	5.5	1.23	.62	.75	.88	17.7	5.2	1.40	.63	.77	.9						

RATINGS

1.5 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

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	
COOLING CAPACITY - XC13-018 TXV System with [CH33-25A-2F]																											
63°F (17°C)	525	250	19.0	5.6	1.08	.76	.89	1.00	18.1	5.3	1.23	.78	.92	1.00	17.0	5.0	1.40	.80	.95	1.00	15.9	4.7	1.60	.82	.98	1.00	
	600	285	19.6	5.7	1.08	.79	.94	1.00	18.6	5.5	1.23	.81	.96	1.00	17.5	5.1	1.40	.83	.99	1.00	16.4	4.8	1.60	.86	1.00	1.00	
	675	320	20.2	5.9	1.08	.82	.98	1.00	19.0	5.6	1.23	.84	1.00	1.00	18.0	5.3	1.40	.87	1.00	1.00	17.0	5.0	1.60	.90	1.00	1.00	
67°F (19°C)	525	250	20.2	5.9	1.08	.60	.73	.86	19.2	5.6	1.23	.62	.75	.88	18.1	5.3	1.41	.63	.77	.91	16.9	5.0	1.60	.64	.80	.95	
	600	285	20.8	6.1	1.08	.62	.77	.90	19.7	5.8	1.24	.64	.79	.93	18.6	5.5	1.41	.65	.81	.96	17.3	5.1	1.61	.67	.84	.99	
	675	320	21.2	6.2	1.08	.65	.80	.95	20.2	5.9	1.24	.66	.82	.97	19.0	5.6	1.41	.67	.84	1.00	17.7	5.2	1.61	.69	.88	1.00	
71°F (22°C)	525	250	21.2	6.2	1.08	.47	.59	.71	20.2	5.9	1.24	.47	.60	.73	19.1	5.6	1.41	.48	.61	.75	17.9	5.2	1.61	.48	.63	.77	
	600	285	22.0	6.4	1.09	.48	.61	.74	20.8	6.1	1.24	.48	.62	.76	19.7	5.8	1.42	.49	.64	.79	18.4	5.4	1.61	.50	.66	.81	
	675	320	22.4	6.6	1.09	.48	.63	.78	21.2	6.2	1.25	.49	.65	.80	20.0	5.9	1.42	.50	.66	.82	18.7	5.5	1.62	.51	.68	.85	
COOLING CAPACITY - XC13-018 RFC System with [CH33-25A-2F]																											
63°F (17°C)	525	250	19.0	5.6	1.07	.76	.90	1.00	18.0	5.3	1.23	.78	.92	1.00	17.0	5.0	1.40	.80	.95	1.00	15.9	4.7	1.60	.82	.98	1.00	
	600	285	19.6	5.7	1.08	.79	.94	1.00	18.5	5.4	1.23	.81	.97	1.00	17.5	5.1	1.40	.83	.99	1.00	16.4	4.8	1.60	.87	1.00	1.00	
	675	320	20.0	5.9	1.08	.82	.98	1.00	19.0	5.6	1.23	.84	1.00	1.00	18.0	5.3	1.41	.87	1.00	1.00	17.0	5.0	1.60	.91	1.00	1.00	
67°F (19°C)	525	250	20.2	5.9	1.08	.60	.73	.86	19.2	5.6	1.23	.61	.75	.89	18.1	5.3	1.41	.63	.77	.92	16.9	5.0	1.60	.64	.80	.95	
	600	285	20.8	6.1	1.08	.62	.77	.90	19.7	5.8	1.24	.63	.79	.93	18.5	5.4	1.41	.65	.81	.96	17.3	5.1	1.61	.67	.84	1.00	
	675	320	21.2	6.2	1.08	.64	.80	.95	20.2	5.9	1.24	.66	.82	.98	18.9	5.5	1.41	.67	.85	1.00	17.6	5.2	1.61	.69	.88	1.00	
71°F (22°C)	525	250	21.2	6.2	1.08	.46	.59	.71	20.2	5.9	1.24	.47	.60	.73	19.1	5.6	1.41	.47	.61	.75	17.9	5.2	1.61	.48	.63	.77	
	600	285	22.0	6.4	1.09	.47	.61	.74	20.8	6.1	1.24	.48	.62	.76	19.6	5.7	1.42	.49	.64	.79	18.3	5.4	1.61	.49	.66	.82	
	675	320	22.4	6.6	1.09	.48	.63	.77	21.4	6.3	1.25	.49	.65	.80	20.0	5.9	1.42	.50	.66	.82	18.7	5.5	1.62	.51	.68	.86	
COOLING CAPACITY - XC13-018 TXV System with [CH33-25B-2F]																											
63°F (17°C)	525	250	19.0	5.6	1.07	.77	.90	1.00	18.1	5.3	1.23	.78	.93	1.00	17.0	5.0	1.40	.80	.96	1.00	16.0	4.7	1.60	.83	.99	1.00	
	600	285	19.6	5.7	1.08	.80	.95	1.00	18.6	5.5	1.23	.82	.97	1.00	17.6	5.2	1.40	.84	1.00	1.00	16.6	4.9	1.60	.87	1.00	1.00	
	675	320	20.2	5.9	1.08	.83	.98	1.00	19.1	5.6	1.23	.85	1.00	1.00	18.2	5.3	1.41	.88	1.00	1.00	17.1	5.0	1.61	.91	1.00	1.00	
67°F (19°C)	525	250	19.9	5.8	1.08	.61	.74	.87	19.0	5.6	1.23	.62	.76	.89	17.9	5.2	1.40	.64	.78	.92	16.8	4.9	1.60	.65	.81	.96	
	600	285	20.6	6.0	1.08	.63	.77	.91	19.5	5.7	1.23	.64	.79	.94	18.5	5.4	1.41	.66	.82	.97	17.3	5.1	1.61	.68	.85	1.00	
	675	320	21.2	6.2	1.08	.65	.80	.95	20.0	5.9	1.24	.66	.83	.98	18.9	5.5	1.41	.68	.85	1.00	17.6	5.2	1.61	.70	.89	1.00	
71°F (22°C)	525	250	20.8	6.1	1.08	.47	.60	.72	19.8	5.8	1.24	.48	.61	.73	18.7	5.5	1.41	.48	.62	.76	17.5	5.1	1.61	.49	.64	.78	
	600	285	21.4	6.3	1.09	.48	.62	.75	20.4	6.0	1.24	.48	.63	.77	19.3	5.7	1.41	.49	.65	.79	18.1	5.3	1.61	.50	.66	.82	
	675	320	22.0	6.4	1.09	.49	.64	.78	21.0	6.2	1.24	.49	.65	.80	19.8	5.8	1.42	.50	.67	.83	18.5	5.4	1.62	.51	.69	.86	
COOLING CAPACITY - XC13-018 RFC System with [CH33-25B-2F]																											
63°F (17°C)	525	250	19.0	5.6	1.07	.77	.90	1.00	18.0	5.3	1.23	.78	.93	1.00	17.0	5.0	1.40	.80	.96	1.00	15.9	4.7	1.60	.83	.99	1.00	
	600	285	19.6	5.7	1.08	.80	.95	1.00	18.6	5.5	1.23	.82	.97	1.00	17.5	5.1	1.40	.84	1.00	1.00	16.5	4.8	1.60	.87	1.00	1.00	
	675	320	20.2	5.9	1.08	.83	.99	1.00	19.1	5.6	1.23	.85	1.00	1.00	18.1	5.3	1.41	.88	1.00	1.00	17.1	5.0	1.61	.91	1.00	1.00	
67°F (19°C)	525	250	19.9	5.8	1.08	.61	.74	.87	18.9	5.5	1.23	.62	.76	.89	17.9	5.2	1.40	.63	.78	.92	16.8	4.9	1.60	.65	.81	.96	
	600	285	20.6	6.0	1.08	.63	.77	.91	19.6	5.7	1.24	.64	.79	.94	18.4	5.4	1.41	.66	.82	.97	17.2	5.0	1.61	.68	.85	1.00	
	675	320	21.2	6.2	1.08	.65	.81	.96	20.0	5.9	1.24	.66	.83	.98	18.9	5.5	1.41	.68	.86	1.00	17.6	5.2	1.61	.70	.89	1.00	
71°F (22°C)	525	250	20.8	6.1	1.08	.47	.60	.72	19.8	5.8	1.24	.47	.61	.74	18.7	5.5	1.41	.48	.62	.76	17.5	5.1	1.61	.49	.64	.78	
	600	285	21.4	6.3	1.08	.48	.62	.75	20.4	6.0	1.24	.48	.63	.77	19.3	5.7	1.41	.49	.65	.79	18.1	5.3	1.61	.50	.67	.82	
	675	320	22.0	6.4	1.09	.49	.64	.78	21.0	6.2	1.24	.49	.65	.80	19.8	5.8	1.42	.50	.67	.83	18.5	5.4	1.62	.51	.69	.87	
COOLING CAPACITY - XC13-018 RFC System with [CH33-31A/B-2F]																											
63°F (17°C)	525	250	19.3	5.7	1.08	.76	.90	1.00	18.3	5.4	1.23	.78	.93	1.00	17.2	5.0	1.40	.80	.96	1.00	16.0	4.7	1.60	.83	.99	1.00	
	600	285	19.8	5.8	1.08	.80	.95	1.00	18.8	5.5	1.23	.82	.98	1.00	17.7	5.2	1.40	.84	1.00	1.00	16.7	4.9	1.60	.87	1.00	1.00	
	675	320	20.4	6.0	1.08	.83	.99	1.00	19.3	5.7	1.23	.85	1.00	1.00	18.4	5.4	1.41	.88	1.00	1.00	17.3	5.1	1.61	.92	1.00	1.00	
67°F (19°C)	525	250	20.4	6.0	1.08	.61	.74	.87	19.4	5.7	1.23	.62	.76	.89	18.3	5.4	1.41	.63	.78	.92	17.0	5.0	1.60	.65	.81	.96	
	600	285	21.0	6.2	1.08	.63	.77	.92	19.9	5.8	1.24	.64	.79	.94	18.7	5.5	1.41	.66	.82	.98	17.5	5.1	1.61	.67	.85	1.00	
	675	320	21.6	6.3	1.09	.65	.81	.96	20.4	6.0	1.24	.66	.83	.99	19.1	5.6	1.41	.68	.86	1.00	17.8	5.2	1.61	.70	.89	1.00	
71°F (22°C)	525	250	21.6	6.3	1.09	.46	.59	.71	20.4	6.0	1.24	.47	.60	.73	19.3	5.7	1.41	.47	.61	.75	18.0	5.3	1.61	.48	.63	.78	
	600	285	22.2	6.5	1.09	.47	.61	.75	21.0	6.2	1.24	.48	.62	.77	19.8	5.8	1.42	.49	.64	.79	18.5	5.4	1.62	.50	.66	.82	
	675	320	22.8	6.7	1.09	.49	.64	.78	21.6	6.3	1.25	.49	.65	.81	20.2	5.9	1.42	.50	.67	.83	18.9	5.5	1.62	.51	.69	.87	
COOLING CAPACITY - XC13-018 TXV System with [CH33-36A/B-2F]																											
63°F (17°C)	525	250	18.9	5.5	1.07	.75	.89	1.00	17.9	5.2	1.23	.77	.91	1.00	16.9	5.0	1.40	.79	.94	1.00	15.7	4.6	1.60	.82	.97	1.00	
	600	285	19.4	5.7	1.08	.78	.93	1.00	18.4	5.4	1.23	.80	.96	1.00	17.4	5.1	1.40	.82	.98	1.00	16.2	4.7	1.60	.85	1.00	1.00	
	675	320	19.9	5.8	1.08	.82	.97	1.00	18.9	5.5	1.23	.83	.99	1.00	17.8	5.2	1.40	.86	1.00	1.00	16.8	4.9	1.61	.89	1.00	1.00	
67°F (19°C)	525	250	20.0	5.9	1.08	.60	.73	.85	19.0	5.6	1.23	.61	.74	.87	18.0	5.3	1.41	.62	.77	.90	16.8	4.9	1.60	.64	.79	.94	
	600	285	20.6	6.0	1.08	.62	.76	.89	19.6	5.7	1.24	.63	.78	.92	18.4	5.4	1.41	.65	.80	.95	17.2	5.0	1.61	.66	.83	.99	
	675	320	21.0	6.2	1.08	.64	.79	.94	20.0	5.9	1.24	.65	.81	.96	18.8	5.5	1.41	.67	.83	.99	17.5	5.1	1.61	.68			

RATINGS

1.5 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

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					
63°F (17°C)	525	250	18.9	5.5	1.07	.75	.89	1.00	17.9	5.2	1.23	.77	.91	1.00	16.9	5.0	1.40	.79	.94	1.00	15.7	4.6	1.60	.82	.98	1.00
	600	285	19.4	5.7	1.08	.78	.93	1.00	18.4	5.4	1.23	.80	.96	1.00	17.3	5.1	1.40	.83	.99	1.00	16.2	4.7	1.60	.86	1.00	1.00
	675	320	19.8	5.8	1.08	.81	.97	1.00	18.8	5.5	1.23	.83	.99	1.00	17.8	5.2	1.40	.86	1.00	1.00	16.8	4.9	1.60	.89	1.00	1.00
67°F (19°C)	525	250	20.0	5.9	1.08	.60	.73	.85	19.0	5.6	1.23	.61	.75	.88	17.9	5.2	1.41	.62	.76	.91	16.8	4.9	1.60	.64	.79	.94
	600	285	20.6	6.0	1.08	.62	.76	.89	19.5	5.7	1.24	.63	.78	.92	18.4	5.4	1.41	.65	.80	.95	17.2	5.0	1.61	.66	.83	.99
	675	320	21.0	6.2	1.08	.64	.79	.94	20.0	5.9	1.24	.65	.81	.96	18.8	5.5	1.41	.67	.84	.99	17.5	5.1	1.61	.69	.87	1.00
71°F (22°C)	525	250	21.2	6.2	1.08	.46	.58	.70	20.2	5.9	1.24	.47	.60	.72	18.9	5.5	1.41	.47	.61	.74	17.7	5.2	1.61	.48	.62	.77
	600	285	21.8	6.4	1.09	.47	.61	.73	20.6	6.0	1.24	.48	.62	.75	19.5	5.7	1.42	.48	.63	.78	18.2	5.3	1.61	.49	.65	.80
	675	320	22.2	6.5	1.09	.48	.62	.77	21.2	6.2	1.25	.49	.64	.79	19.9	5.8	1.42	.49	.65	.81	18.6	5.5	1.62	.50	.68	.84

COOLING CAPACITY - XC13-018 RFC System with [CH33-36A/B-2F]

AIR HANDLERS

COOLING CAPACITY - XC13-018 TXV System with

**[CBX26UH-018]
[CBX26UH-024]**

63°F (17°C)	525	250	18.9	5.5	1.07	.76	.89	1.00	17.9	5.2	1.23	.77	.91	1.00	16.9	5.0	1.40	.79	.94	1.00	15.8	4.6	1.60	.82	.97	1.00
	600	285	19.5	5.7	1.08	.79	.93	1.00	18.5	5.4	1.23	.80	.96	1.00	17.4	5.1	1.40	.83	.98	1.00	16.3	4.8	1.60	.86	1.00	1.00
	675	320	20.0	5.9	1.08	.81	.97	1.00	19.0	5.6	1.23	.84	1.00	1.00	18.0	5.3	1.41	.87	1.00	1.00	17.0	5.0	1.60	.90	1.00	1.00
67°F (19°C)	525	250	20.0	5.9	1.08	.61	.73	.86	19.0	5.6	1.23	.61	.75	.88	18.0	5.3	1.41	.63	.77	.91	16.8	4.9	1.60	.64	.79	.94
	600	285	20.8	6.1	1.08	.62	.76	.90	19.7	5.8	1.24	.63	.78	.92	18.5	5.4	1.41	.65	.80	.95	17.3	5.1	1.60	.67	.83	.99
	675	320	21.2	6.2	1.08	.65	.79	.94	20.2	5.9	1.24	.66	.82	.97	19.0	5.6	1.41	.68	.84	1.00	17.7	5.2	1.61	.70	.88	1.00
71°F (22°C)	525	250	21.2	6.2	1.08	.47	.59	.71	20.2	5.9	1.24	.47	.60	.72	19.1	5.6	1.41	.47	.61	.74	17.8	5.2	1.61	.48	.63	.77
	600	285	21.8	6.4	1.09	.47	.61	.74	20.8	6.1	1.24	.48	.62	.76	19.6	5.7	1.42	.48	.64	.78	18.4	5.4	1.62	.49	.65	.81
	675	320	22.4	6.6	1.09	.49	.63	.77	21.4	6.3	1.25	.49	.65	.79	20.0	5.9	1.42	.50	.66	.82	18.8	5.5	1.62	.51	.68	.85

COOLING CAPACITY - XC13-018 TXV System with [CBX27UH-018]

63°F (17°C)	525	250	19.0	5.6	1.08	.75	.89	1.00	18.0	5.3	1.23	.76	.91	1.00	16.9	5.0	1.40	.78	.94	1.00	15.8	4.6	1.60	.81	.97	1.00
	600	285	19.6	5.7	1.08	.78	.93	1.00	18.5	5.4	1.23	.79	.96	1.00	17.5	5.1	1.40	.82	.98	1.00	16.4	4.8	1.60	.85	1.00	1.00
	675	320	20.0	5.9	1.08	.81	.97	1.00	19.1	5.6	1.23	.83	.99	1.00	18.0	5.3	1.41	.86	1.00	1.00	16.9	5.0	1.60	.89	1.00	1.00
67°F (19°C)	525	250	20.2	5.9	1.08	.59	.72	.85	19.1	5.6	1.23	.60	.74	.87	18.0	5.3	1.41	.61	.76	.90	16.8	4.9	1.60	.62	.78	.94
	600	285	20.8	6.1	1.08	.61	.75	.89	19.7	5.8	1.24	.62	.77	.92	18.5	5.4	1.41	.63	.80	.95	17.3	5.1	1.61	.65	.82	.99
	675	320	21.2	6.2	1.08	.63	.79	.94	20.2	5.9	1.24	.64	.81	.97	18.9	5.5	1.41	.65	.83	.99	17.6	5.2	1.61	.67	.86	1.00
71°F (22°C)	525	250	21.2	6.2	1.08	.45	.57	.70	20.2	5.9	1.24	.45	.58	.71	19.1	5.6	1.41	.45	.59	.73	17.8	5.2	1.61	.46	.61	.76
	600	285	21.8	6.4	1.09	.45	.59	.73	20.8	6.1	1.24	.46	.60	.75	19.6	5.7	1.42	.47	.62	.77	18.3	5.4	1.61	.47	.64	.80
	675	320	22.4	6.6	1.09	.47	.62	.76	21.2	6.2	1.25	.47	.63	.78	20.0	5.9	1.42	.48	.64	.81	18.7	5.5	1.62	.48	.66	.84

COOLING CAPACITY - XC13-018 TXV System with [CBX27UH-024]

63°F (17°C)	525	250	19.0	5.6	1.08	.75	.89	1.00	18.0	5.3	1.23	.76	.91	1.00	16.9	5.0	1.40	.78	.94	1.00	15.8	4.6	1.60	.81	.97	1.00
	600	285	19.6	5.7	1.08	.78	.93	1.00	18.5	5.4	1.23	.79	.96	1.00	17.5	5.1	1.40	.82	.98	1.00	16.4	4.8	1.60	.85	1.00	1.00
	675	320	20.0	5.9	1.08	.81	.97	1.00	19.1	5.6	1.23	.83	.99	1.00	18.0	5.3	1.41	.86	1.00	1.00	16.9	5.0	1.60	.89	1.00	1.00
67°F (19°C)	525	250	20.2	5.9	1.08	.59	.72	.85	19.1	5.6	1.23	.60	.74	.87	18.0	5.3	1.41	.61	.76	.90	16.8	4.9	1.60	.62	.78	.94
	600	285	20.8	6.1	1.08	.61	.75	.89	19.7	5.8	1.24	.62	.77	.92	18.5	5.4	1.41	.63	.80	.95	17.3	5.1	1.61	.65	.82	.99
	675	320	21.2	6.2	1.08	.63	.79	.94	20.2	5.9	1.24	.64	.81	.97	18.9	5.5	1.41	.65	.83	.99	17.6	5.2	1.61	.67	.86	1.00
71°F (22°C)	525	250	21.2	6.2	1.08	.45	.57	.70	20.2	5.9	1.24	.45	.58	.71	19.1	5.6	1.41	.45	.59	.73	17.8	5.2	1.61	.46	.61	.76
	600	285	21.8	6.4	1.09	.45	.59	.73	20.8	6.1	1.24	.46	.60	.75	19.6	5.7	1.42	.47	.62	.77	18.3	5.4	1.61	.47	.64	.80
	675	320	22.4	6.6	1.09	.47	.62	.76	21.2	6.2	1.25	.47	.63	.78	20.0	5.9	1.42	.48	.64	.81	18.7	5.5	1.62	.48	.66	.84

COOLING CAPACITY - XC13-018 TXV System with [CBX32M-018/024]

63°F (17°C)	525	250	19.0	5.6	1.07	.76	.90	1.00	18.0	5.3	1.23	.78	.92	1.00	17.0	5.0	1.40	.80	.95	1.00	15.9	4.7	1.60	.82	.98	1.00
	600	285	19.5	5.7	1.08	.79	.94	1.00	18.5	5.4	1.23	.81	.97	1.00	17.5	5.1	1.40	.84	.99	1.00	16.4	4.8	1.60	.87	1.00	1.00
	675	320	20.0	5.9	1.08	.82	.98	1.00	19.1	5.6	1.23	.85	1.00	1.00	18.0	5.3	1.41	.87	1.00	1.00	17.0	5.0	1.61	.91	1.00	1.00
67°F (19°C)	525	250	20.2	5.9	1.08	.60	.73	.86	19.1	5.6	1.23	.61	.75	.89	18.0	5.3	1.41	.63	.77	.92	16.8	4.9	1.60	.64	.80	.95
	600	285	20.8	6.1	1.08	.62	.77	.91	19.6	5.7	1.24	.64	.79	.93	18.5	5.4	1.41	.65	.81	.96	17.3	5.1	1.61	.67	.84	.99
	675	320	21.2	6.2	1.08	.65	.80	.95	20.0	5.9	1.24	.66	.82	.98	18.9	5.5	1.41	.68	.85	1.00	17.6	5.2	1.61	.70	.88	1.00
71°F (22°C)	525	250	21.2	6.2	1.08	.46	.59	.71	20.2	5.9	1.24	.47	.60	.73	19.0	5.6	1.41	.47	.61	.75	17.8	5.2	1.61	.48	.63	.77
	600	285	21.8	6.4	1.09	.47	.61	.74	20.8	6.1	1.24	.48	.62	.76	19.5	5.7	1.42	.49	.64	.79	18.3	5.4	1.61	.49	.66	.82
	675	320	22.4	6.6	1.09	.48	.63	.78	21.2	6.2	1.25	.49	.65	.80	20.0	5.9	1.42	.50	.67	.83	18.6	5.5	1.62	.51	.69	.86

COOLING CAPACITY - XC13-018 TXV System with [CBX32M-030]

63°F (17°C)	600	285	20.2	5.9	1.08	.80	.95	1.00	19.2	5.6	1.23	.82	.98	1.00	18.1	5.3	1.41	.84	1.00	1.00	17.0	5.0	1.60	.87	1.00	1.00
	600	285	20.2	5.9	1.08	.80	.95	1.00	19.2	5.6	1.23	.82	.98	1.00	18.1	5.3	1.41	.84	1.00	1.00	17.0	5.0	1.60	.87	1.00	1.00
	675	320	20.8	6.1	1.08	.83	.99	1.00	19.8	5.8	1.23	.85	1.00	1.00	18.8	5.5	1.41	.88	1.00	1.00	17.7	5.2	1.61	.92	1.00	1.00
67°F (19°C)	600	285	21.4	6.3	1.08	.63																				

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

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

COOLING CAPACITY - XC13-018 TXV System with [CBX32MV-018/024] [CBX40UHV-024]

63°F (17°C)	545	255	19.0	5.6	1.08	.75	.89	1.00	18.0	5.3	1.23	.77	.92	1.00	17.0	5.0	1.40	.79	.95	1.00	15.8	4.6	1.60	.82	.98	1.00
	620	295	19.5	5.7	1.08	.78	.94	1.00	18.5	5.4	1.23	.80	.96	1.00	17.4	5.1	1.40	.83	.99	1.00	16.3	4.8	1.60	.85	1.00	1.00
	695	330	.0	.0	1.08	.81	.97	1.00	19.0	5.6	1.23	.83	.99	1.00	17.9	5.2	1.40	.86	1.00	1.00	16.9	5.0	1.60	.89	1.00	1.00
67°F (19°C)	545	255	20.2	5.9	1.08	.59	.73	.86	19.1	5.6	1.23	.60	.74	.88	18.0	5.3	1.41	.61	.76	.91	16.8	4.9	1.60	.63	.79	.95
	620	295	20.8	6.1	1.08	.61	.76	.90	19.6	5.7	1.23	.62	.78	.93	18.4	5.4	1.41	.64	.80	.96	17.2	5.0	1.61	.65	.83	.99
	695	330	21.2	6.2	1.08	.63	.79	.94	20.0	5.9	1.24	.64	.81	.97	18.8	5.5	1.41	.66	.84	.99	17.5	5.1	1.61	.68	.87	1.00
71°F (22°C)	545	255	21.2	6.2	1.08	.45	.58	.70	20.2	5.9	1.24	.45	.59	.72	19.0	5.6	1.41	.46	.60	.74	17.8	5.2	1.61	.46	.62	.77
	620	295	21.8	6.4	1.09	.46	.60	.74	20.8	6.1	1.24	.46	.61	.75	19.5	5.7	1.42	.47	.62	.78	18.2	5.3	1.61	.47	.64	.81
	695	330	22.2	6.5	1.09	.46	.61	.76	21.2	6.2	1.25	.47	.63	.79	19.9	5.8	1.42	.48	.65	.81	18.6	5.5	1.62	.48	.66	.85

COOLING CAPACITY - XC13-018 TXV System with [CBX32MV-024/030] [CBX40UHV-030]

63°F (17°C)	525	250	19.0	5.6	1.08	.75	.89	1.00	18.0	5.3	1.23	.76	.91	1.00	16.9	5.0	1.40	.78	.94	1.00	15.8	4.6	1.60	.81	.97	1.00
	600	285	19.6	5.7	1.08	.78	.93	1.00	18.5	5.4	1.23	.79	.96	1.00	17.5	5.1	1.40	.82	.98	1.00	16.4	4.8	1.60	.85	1.00	1.00
	675	320	20.0	5.9	1.08	.81	.97	1.00	19.1	5.6	1.23	.83	.99	1.00	18.0	5.3	1.41	.86	1.00	1.00	16.9	5.0	1.60	.89	1.00	1.00
67°F (19°C)	525	250	20.2	5.9	1.08	.59	.72	.85	19.1	5.6	1.23	.60	.74	.87	18.0	5.3	1.41	.61	.76	.90	16.8	4.9	1.60	.62	.78	.94
	600	285	20.8	6.1	1.08	.61	.75	.89	19.7	5.8	1.24	.62	.77	.92	18.5	5.4	1.41	.63	.80	.95	17.3	5.1	1.61	.65	.82	.99
	675	320	21.2	6.2	1.08	.63	.79	.94	20.2	5.9	1.24	.64	.81	.97	18.9	5.5	1.41	.65	.83	.99	17.6	5.2	1.61	.67	.86	1.00
71°F (22°C)	525	250	21.2	6.2	1.08	.45	.57	.70	20.2	5.9	1.24	.45	.58	.71	19.1	5.6	1.41	.45	.59	.73	17.8	5.2	1.61	.46	.61	.76
	600	285	21.8	6.4	1.09	.45	.59	.73	20.8	6.1	1.24	.46	.60	.75	19.6	5.7	1.42	.47	.62	.77	18.3	5.4	1.61	.47	.64	.80
	675	320	22.4	6.6	1.09	.47	.62	.76	21.2	6.2	1.25	.47	.63	.78	.0	.0	1.42	.48	.64	.81	18.7	5.5	1.62	.48	.66	.84

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 COILS

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

COOLING CAPACITY - XC13-024 TXV System with [CX34-19A/B-6F]

63°F (17°C)	700	330	23.4	6.9	1.40	.76	.90	1.00	22.2	6.5	1.60	.78	.92	1.00	21.0	6.2	1.82	.80	.95	1.00	19.6	5.7	2.08	.82	.98	1.00
	800	380	24.0	7.0	1.41	.79	.94	1.00	22.8	6.7	1.60	.81	.96	1.00	21.6	6.3	1.83	.83	.99	1.00	20.2	5.9	2.08	.86	1.00	1.00
	900	425	24.6	7.2	1.41	.82	.97	1.00	23.4	6.9	1.61	.84	1.00	1.00	22.0	6.4	1.83	.87	1.00	1.00	20.8	6.1	2.09	.90	1.00	1.00
67°F (19°C)	700	330	24.8	7.3	1.41	.61	.74	.86	23.6	6.9	1.61	.62	.75	.89	22.2	6.5	1.83	.63	.77	.92	20.8	6.1	2.09	.65	.80	.95
	800	380	25.4	7.4	1.41	.63	.77	.90	24.2	7.1	1.62	.64	.79	.93	22.8	6.7	1.84	.65	.81	.96	21.2	6.2	2.10	.67	.84	.99
	900	425	26.0	7.6	1.42	.65	.80	.94	24.6	7.2	1.62	.66	.82	.97	23.2	6.8	1.85	.67	.84	1.00	21.6	6.3	2.10	.69	.88	1.00
71°F (22°C)	700	330	26.2	7.7	1.42	.47	.59	.71	25.0	7.3	1.62	.48	.61	.73	23.4	6.9	1.85	.48	.62	.75	22.0	6.4	2.11	.49	.64	.78
	800	380	26.8	7.9	1.43	.48	.61	.74	25.4	7.4	1.63	.49	.63	.76	24.0	7.0	1.85	.49	.64	.79	22.4	6.6	2.11	.50	.66	.82
	900	425	27.4	8.0	1.43	.49	.63	.77	26.0	7.6	1.63	.50	.65	.80	24.4	7.2	1.86	.50	.66	.82	22.8	6.7	2.11	.51	.68	.86

COOLING CAPACITY - XC13-024 RFC System with [C33-19A/B]

63°F (17°C)	700	330	23.2	6.8	1.40	.76	.90	1.00	22.2	6.5	1.59	.78	.92	1.00	20.8	6.1	1.81	.80	.95	1.00	19.4	5.7	2.07	.83	.99	1.00
	800	380	24.0	7.0	1.40	.79	.94	1.00	22.6	6.6	1.60	.81	.96	1.00	21.4	6.3	1.82	.84	.99	1.00	20.0	5.9	2.07	.87	1.00	1.00
	900	425	24.4	7.2	1.40	.82	.98	1.00	23.2	6.8	1.60	.84	1.00	1.00	21.8	6.4	1.83	.87	1.00	1.00	20.6	6.0	2.08	.91	1.00	1.00
67°F (19°C)	700	330	24.6	7.2	1.41	.61	.74	.87	23.4	6.9	1.61	.62	.76	.89	22.0	6.4	1.83	.63	.78	.92	20.6	6.0	2.08	.65	.81	.96
	800	380	25.4	7.4	1.41	.63	.77	.91	24.0	7.0	1.61	.64	.79	.94	22.6	6.6	1.83	.66	.81	.97	21.0	6.2	2.09	.67	.84	1.00
	900	425	25.8	7.6	1.41	.65	.80	.95	24.4	7.2	1.61	.66	.82	.97	23.0	6.7	1.84	.68	.85	1.00	21.4	6.3	2.09	.70	.88	1.00
71°F (22°C)	700	330	26.0	7.6	1.42	.47	.59	.72	24.8	7.3	1.62	.48	.61	.73	23.2	6.8	1.84	.48	.62	.76	21.8	6.4	2.09	.49	.64	.78
	800	380	26.8	7.9	1.42	.48	.61	.75	25.4	7.4	1.62	.49	.63	.77	23.8	7.0	1.85	.49	.64	.79	22.2	6.5	2.10	.50	.66	.82
	900	425	27.2	8.0	1.43	.49	.63	.78	25.8	7.6	1.63	.49	.65	.80	24.2	7.1	1.85	.50	.67	.83	22.6	6.6	2.11	.51	.69	.86

COOLING CAPACITY - XC13-024 TXV System with [CX34-25A/B-6F]

63°F (17°C)	700	330	23.8	7.0	1.40	.77	.91	1.00	22.6	6.6	1.60	.79	.94	1.00	21.4	6.3	1.83	.81	.96	1.00	19.9	5.8	2.08	.84	1.00	1.00
	800	380	24.6	7.2	1.41	.80	.95	1.00	23.2	6.8	1.60	.82	.98	1.00	21.8	6.4	1.83	.85	1.00	1.00	20.6	6.0	2.09	.88	1.00	1.00
	900	425	25.0	7.3	1.41	.83	.99	1.00	23.8	7.0	1.61	.86	1.00	1.00	22.6	6.6	1.84	.88	1.00	1.00	21.2	6.2	2.10	.92	1.00	1.00
67°F (19°C)	700	330	25.2	7.4	1.41	.62	.75	.88	23.8	7.0	1.61	.63	.77	.90	22.6	6.6	1.84	.64	.79	.93	21.0	6.2	2.09	.66	.82	.97
	800	380	25.8	7.6	1.42	.63	.78	.92	24.4	7.2	1.62	.65	.80	.95	23.0	6.7	1.84	.66	.83	.98	21.4	6.3	2.10	.68	.86	1.00
	900	425	26.4	7.7	1.42	.65	.81	.96	25.0	7.3	1.62	.67	.84	.99	23.4	6.9	1.85	.69	.86	1.00	21.8	6.4	2.10	.71	.90	1.00
71°F (22°C)	700	330	26.6	7.8	1.42	.47	.60	.72	25.2	7.4	1.62	.48	.61	.74	23.8	7.0	1.85	.48	.63	.77	22.2	6.5	2.11	.49	.64	.79
	800	380	27.2	8.0	1.43	.48	.62	.76	25.8	7.6	1.63	.49	.64	.78	24.2	7.1	1.86	.50	.65	.80	22.6	6.6	2.11	.50	.67	.84
	900	425	27.8	8.1	1.43	.49	.64	.79	26.4	7.7	1.64	.50	.66	.81	24.8	7.3	1.86	.51	.68	.84	23.0	6.7	2.12	.52	.70	.88

COOLING CAPACITY - XC13-024 RFC System with [C33-25A/B]

63°F (17°C)	700	330	23.6	6.9	1.40	.77	.91	1.00	22.4	6.6	1.60	.79	.94	1.00	21.2	6.2	1.82	.81	.97	1.00	19.6	5.7	2.07	.84	1.00	1.00
	800	380	24.2	7.1	1.40	.81	.96	1.00	23.0	6.7	1.60	.83	.98	1.00	21.6	6.3	1.82	.85	1.00	1.00	20.4	6.0	2.08	.89	1.00	1.00
	900	425	24.8	7.3	1.41	.84	.99	1.00	23.6	6.9	1.61	.86	1.00	1.00	22.4	6.6	1.83	.89	1.00	1.00	21.0	6.2	2.09	.92	1.00	1.00
67°F (19°C)	700	330	25.0	7.3	1.41	.62	.75	.88	23.8	7.0	1.61	.63	.77	.91	22.4	6.6	1.83	.64	.79	.94	20.8	6.1	2.09	.66	.82	.97
	800	380	25.6	7.5	1.41	.64	.78	.93	24.2	7.1	1.61	.65	.80	.95	22.8	6.7	1.83	.67	.83	.98	21.2	6.2	2.09	.68	.86	1.00
	900	425	26.2	7.7	1.42	.66	.82	.97	24.8	7.3	1.62	.67	.84	.99	23.2	6.8	1.84	.69	.87	1.00	21.6	6.3	2.09	.71	.90	1.00
71°F (22°C)	700	330	26.4	7.7	1.42	.47	.60	.73	25.0	7.3	1.62	.48	.61	.75	23.6	6.9	1.84	.48	.63	.77	22.0	6.4	2.10	.49	.65	.80
	800	380	27.0	7.9	1.42	.48	.62	.76	25.6	7.5	1.62	.49	.64	.78	24.0	7.0	1.85	.50	.65	.81	22.4	6.6	2.11	.51	.67	.84
	900	425	27.6	8.1	1.43	.49	.64	.79	26.2	7.7	1.63	.50	.66	.82	24.6	7.2	1.86	.51	.68	.85	22.8	6.7	2.11	.52	.70	.88

COOLING CAPACITY - XC13-024 TXV System with [CX34-30A/B-6F]

63°F (17°C)	700	330	23.4	6.9	1.40	.77	.90	1.00	22.2	6.5	1.60	.79	.92	1.00	21.0	6.2	1.83	.81	.95	1.00	19.6	5.7	2.08	.83	.99	1.00
	800	380	24.0	7.0	1.41	.79	.94	1.00	22.8	6.7	1.60	.81	.97	1.00	21.6	6.3	1.83	.84	.99	1.00	20.4	6.0	2.09	.87	1.00	1.00
	900	425	24.4	7.2	1.41	.82	.98	1.00	23.4	6.9	1.61	.85	1.00	1.00	22.2	6.5	1.84	.87	1.00	1.00	21.0	6.2	2.10	.91	1.00	1.00
67°F (19°C)	700	330	24.6	7.2	1.41	.62	.75	.87	23.4	6.9	1.61	.63	.76	.89	22.2	6.5	1.84	.64	.78	.92	20.6	6.0	2.09	.66	.81	.96
	800	380	25.2	7.4	1.41	.64	.77	.91	24.0	7.0	1.61	.65	.79	.93	22.6	6.6	1.84	.66	.82	.97	21.2	6.2	2.10	.68	.85	1.00
	900	425	25.8	7.6	1.42	.65	.80	.95	24.4	7.2	1.62	.67	.82	.98	23.0	6.7	1.84	.68	.85	1.00	21.6	6.3	2.10	.70	.88	1.00
71°F (22°C)	700	330	25.6	7.5	1.42	.47	.61	.72	24.4	7.2	1.62	.48	.62	.74	23.2	6.8	1.84	.49	.63	.76	21.6	6.3	2.10	.49	.65	.79
	800	380	26.4	7.7	1.42	.49	.62	.75	25.2	7.4	1.62	.49	.64	.77	23.8	7.0	1.85	.50	.65	.80	22.2	6.5	2.11	.51	.67	.83
	900	425	27.0	7.9	1.43	.49	.64	.78	25.6	7.5	1.63	.50	.66	.80	24.2	7.1	1.86	.51	.67	.83	22.6	6.6	2.11	.52	.70	.86

COOLING CAPACITY - XC13-024 RFC System with [C33-30A/B]

63°F (17°C)	700	330	23.2	6.8	1.40	.77	.91	1.00	22.2	6.5	1.59	.79	.93	1.00	20.8	6.1	1.82	.81	.96	1.00	19.5	5.7	2.07	.84	.99	1.00
	800	380	24.0	7.0	1.40	.80	.95	1.00	22.8	6.7	1.60	.82	.98	1.00	21.4	6.3	1.82	.85	1.00	1.00	20.2	5.9	2.08	.88	1.00	1.00
	900	425	24.4	7.2	1.40	.83	.98	1.00	23.4	6.9	1.60	.85	1.00	1.00	22.2	6.5	1.83	.88	1.00	1.00	20.8	6.1	2.08	.92	1.00	1.00
67°F (19°C)	700	330	24.6	7.2	1.40	.62	.75	.88	23.4	6.9	1.60	.63	.77	.90	22.0	6.4	1.83	.64	.79	.93	20.6	6.0	2.08	.66	.82	.97

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

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

COOLING CAPACITY - XC13-024 TXV System with [CX34-31A/B-6F]

63°F (17°C)	700	330	24.2	7.1	1.41	.77	.91	1.00	23.0	6.7	1.61	.79	.93	1.00	21.6	6.3	1.83	.81	.96	1.00	20.2	5.9	2.09	.84	1.00	1.00
	800	380	24.8	7.3	1.41	.80	.95	1.00	23.6	6.9	1.61	.82	.98	1.00	22.2	6.5	1.83	.85	1.00	1.00	20.8	6.1	2.09	.88	1.00	1.00
	900	425	25.4	7.4	1.41	.83	.99	1.00	24.2	7.1	1.61	.86	1.00	1.00	23.0	6.7	1.84	.88	1.00	1.00	21.6	6.3	2.10	.92	1.00	1.00
67°F (19°C)	700	330	25.6	7.5	1.42	.61	.75	.88	24.2	7.1	1.62	.62	.77	.90	22.8	6.7	1.84	.64	.79	.93	21.4	6.3	2.10	.65	.81	.97
	800	380	26.4	7.7	1.42	.63	.78	.92	24.8	7.3	1.62	.65	.80	.95	23.4	6.9	1.85	.66	.82	.98	21.8	6.4	2.11	.68	.86	1.00
	900	425	26.8	7.9	1.42	.65	.81	.96	25.4	7.4	1.63	.67	.83	.99	23.8	7.0	1.85	.68	.86	1.00	22.2	6.5	2.11	.71	.90	1.00
71°F (22°C)	700	330	27.0	7.9	1.43	.47	.60	.72	25.6	7.5	1.63	.47	.61	.74	24.2	7.1	1.86	.48	.62	.76	22.6	6.6	2.11	.49	.64	.79
	800	380	27.8	8.1	1.43	.48	.62	.76	26.2	7.7	1.64	.49	.63	.78	24.6	7.2	1.86	.49	.65	.80	23.0	6.7	2.12	.50	.67	.83
	900	425	28.2	8.3	1.44	.49	.64	.79	26.8	7.9	1.64	.50	.66	.81	25.2	7.4	1.87	.50	.67	.84	23.4	6.9	2.12	.52	.70	.87

COOLING CAPACITY - XC13-024 RFC System with [C33-31A/B]

63°F (17°C)	700	330	24.0	7.0	1.40	.77	.91	1.00	22.8	6.7	1.60	.79	.94	1.00	21.4	6.3	1.82	.81	.97	1.00	20.0	5.9	2.08	.84	1.00	1.00
	800	380	24.8	7.3	1.41	.80	.96	1.00	23.4	6.9	1.60	.83	.99	1.00	22.0	6.4	1.83	.85	1.00	1.00	20.8	6.1	2.08	.88	1.00	1.00
	900	425	25.2	7.4	1.41	.84	1.00	1.00	24.0	7.0	1.61	.86	1.00	1.00	22.8	6.7	1.84	.89	1.00	1.00	21.4	6.3	2.09	.93	1.00	1.00
67°F (19°C)	700	330	25.4	7.4	1.41	.61	.75	.88	24.2	7.1	1.61	.62	.76	.91	22.8	6.7	1.84	.64	.79	.94	21.2	6.2	2.09	.65	.82	.97
	800	380	26.2	7.7	1.42	.63	.78	.93	24.8	7.3	1.62	.65	.80	.95	23.2	6.8	1.84	.66	.83	.99	21.6	6.3	2.09	.68	.86	1.00
	900	425	26.8	7.9	1.42	.65	.81	.97	25.2	7.4	1.62	.67	.84	.99	23.6	6.9	1.84	.69	.87	1.00	22.0	6.4	2.10	.71	.91	1.00
71°F (22°C)	700	330	26.8	7.9	1.42	.47	.60	.72	25.4	7.4	1.62	.47	.61	.74	24.0	7.0	1.85	.48	.62	.76	22.4	6.6	2.10	.49	.64	.79
	800	380	27.6	8.1	1.43	.48	.62	.76	26.2	7.7	1.63	.48	.63	.78	24.6	7.2	1.86	.49	.65	.80	22.8	6.7	2.11	.50	.67	.84
	900	425	28.2	8.3	1.43	.49	.64	.79	26.6	7.8	1.64	.50	.66	.81	25.0	7.3	1.86	.50	.68	.85	23.2	6.8	2.11	.51	.70	.88

COOLING CAPACITY - XC13-024 TXV System with [CX34-36A/B/C-6F]

63°F (17°C)	700	330	23.8	7.0	1.40	.78	.92	1.00	22.6	6.6	1.60	.80	.94	1.00	21.4	6.3	1.82	.82	.97	1.00	20.0	5.9	2.09	.85	1.00	1.00
	800	380	24.6	7.2	1.41	.81	.96	1.00	23.2	6.8	1.61	.83	.98	1.00	22.0	6.4	1.83	.85	1.00	1.00	20.8	6.1	2.09	.89	1.00	1.00
	900	425	25.2	7.4	1.41	.84	1.00	1.00	24.0	7.0	1.61	.86	1.00	1.00	22.8	6.7	1.84	.89	1.00	1.00	21.4	6.3	2.10	.93	1.00	1.00
67°F (19°C)	700	330	25.0	7.3	1.41	.62	.76	.89	23.8	7.0	1.61	.63	.77	.91	22.4	6.6	1.84	.65	.80	.94	21.0	6.2	2.09	.66	.82	.97
	800	380	25.8	7.6	1.42	.64	.79	.93	24.4	7.2	1.62	.65	.81	.96	23.0	6.7	1.84	.67	.83	.98	21.4	6.3	2.10	.69	.86	1.00
	900	425	26.4	7.7	1.42	.66	.82	.97	25.0	7.3	1.62	.67	.84	.99	23.4	6.9	1.85	.69	.87	1.00	21.8	6.4	2.10	.71	.91	1.00
71°F (22°C)	700	330	26.0	7.6	1.42	.48	.61	.73	24.8	7.3	1.62	.48	.62	.75	23.4	6.9	1.85	.49	.63	.77	22.0	6.4	2.11	.50	.65	.80
	800	380	26.8	7.9	1.42	.49	.63	.77	25.6	7.5	1.63	.49	.64	.79	24.0	7.0	1.86	.50	.66	.81	22.4	6.6	2.11	.51	.68	.84
	900	425	27.6	8.1	1.43	.50	.65	.80	26.2	7.7	1.63	.50	.66	.82	24.6	7.2	1.86	.51	.68	.85	23.0	6.7	2.12	.52	.71	.88

COOLING CAPACITY - XC13-024 RFC System with [C33-36A/B]

63°F (17°C)	700	330	23.6	6.9	1.40	.78	.92	1.00	22.4	6.6	1.60	.80	.95	1.00	21.2	6.2	1.82	.82	.98	1.00	19.8	5.8	2.07	.85	1.00	1.00
	800	380	24.4	7.2	1.40	.81	.96	1.00	23.2	6.8	1.60	.83	.99	1.00	21.8	6.4	1.83	.86	1.00	1.00	20.6	6.0	2.08	.89	1.00	1.00
	900	425	25.0	7.3	1.41	.84	1.00	1.00	23.8	7.0	1.61	.87	1.00	1.00	22.6	6.6	1.83	.90	1.00	1.00	21.2	6.2	2.09	.93	1.00	1.00
67°F (19°C)	700	330	24.8	7.3	1.41	.62	.76	.89	23.6	6.9	1.60	.63	.78	.91	22.2	6.5	1.83	.65	.80	.95	20.8	6.1	2.08	.67	.83	.98
	800	380	25.6	7.5	1.41	.64	.79	.93	24.2	7.1	1.61	.66	.81	.96	22.8	6.7	1.83	.67	.84	.99	21.2	6.2	2.09	.69	.87	1.00
	900	425	26.2	7.7	1.42	.66	.82	.97	24.8	7.3	1.62	.68	.85	1.00	23.2	6.8	1.84	.70	.88	1.00	21.6	6.3	2.09	.72	.91	1.00
71°F (22°C)	700	330	26.0	7.6	1.41	.48	.61	.74	24.6	7.2	1.62	.48	.62	.75	23.2	6.8	1.84	.49	.64	.78	21.6	6.3	2.09	.50	.65	.81
	800	380	26.8	7.9	1.42	.49	.63	.77	25.4	7.4	1.62	.49	.64	.79	23.8	7.0	1.85	.50	.66	.82	22.2	6.5	2.10	.51	.68	.85
	900	425	27.4	8.0	1.43	.50	.65	.80	26.0	7.6	1.63	.50	.67	.83	24.4	7.2	1.85	.51	.69	.85	22.6	6.6	2.11	.52	.71	.89

COOLING CAPACITY - XC13-024 TXV System with [CX34-38A/B-6F]

63°F (17°C)	700	330	24.4	7.2	1.41	.77	.91	1.00	23.0	6.7	1.60	.79	.94	1.00	21.8	6.4	1.83	.81	.97	1.00	20.2	5.9	2.09	.84	1.00	1.00
	800	380	25.0	7.3	1.41	.81	.96	1.00	23.6	6.9	1.61	.83	.99	1.00	22.4	6.6	1.84	.85	1.00	1.00	21.0	6.2	2.10	.89	1.00	1.00
	900	425	25.6	7.5	1.42	.84	1.00	1.00	24.4	7.2	1.62	.86	1.00	1.00	23.2	6.8	1.85	.89	1.00	1.00	21.8	6.4	2.10	.93	1.00	1.00
67°F (19°C)	700	330	25.8	7.6	1.42	.62	.75	.88	24.4	7.2	1.62	.63	.77	.91	23.0	6.7	1.84	.64	.79	.94	21.4	6.3	2.10	.66	.82	.97
	800	380	26.4	7.7	1.42	.64	.79	.93	25.0	7.3	1.62	.65	.81	.96	23.6	6.9	1.85	.66	.83	.99	22.0	6.4	2.11	.69	.86	1.00
	900	425	27.0	7.9	1.43	.66	.82	.97	25.6	7.5	1.63	.67	.84	1.00	24.0	7.0	1.85	.69	.87	1.00	22.4	6.6	2.11	.71	.91	1.00
71°F (22°C)	700	330	27.2	8.0	1.43	.47	.60	.73	25.8	7.6	1.63	.48	.61	.75	24.2	7.1	1.86	.48	.63	.77	22.6	6.6	2.11	.49	.65	.80
	800	380	27.8	8.1	1.43	.48	.63	.76	26.4	7.7	1.64	.49	.64	.78	24.8	7.3	1.86	.50	.65	.81	23.2	6.8	2.12	.50	.68	.84
	900	425	28.4	8.3	1.44	.49	.65	.80	27.0	7.9	1.64	.50	.66	.82	25.4	7.4	1.87	.51	.68	.85	23.6	6.9	2.13	.52	.71	.89

COOLING CAPACITY - XC13-024 RFC System with [C33-38A/B]

63°F (17°C)	700	330	24.2	7.1	1.40	.78	.92	1.00	23.0	6.7	1.60	.79	.94	1.00	21.6	6.3	1.82	.82	.98	1.00	20.2	5.9	2.08	.85	1.00	1.00
	800	380	24.8	7.3	1.41	.81	.96	1.00	23.6	6.9	1.60	.83	.99	1.00	22.2	6.5	1.83	.86	1.00	1.00	21.0	6.2	2.08	.89	1.00	1.00
	900	425	25.4	7.4	1.41	.84	1.00	1.00	24.2	7.1	1.61	.87	1.00	1.00	23.0	6.7	1.84	.90	1.00	1.00	21.6	6.3	2.09	.93	1.00	1.00
67°F (19°C)	700	330	25.6	7.5	1.41	.62	.75	.89	24.2	7.1	1.61	.63	.77	.91	22.8	6.7	1.84	.64	.79	.94	21.2	6.2	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

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
COOLING CAPACITY - XC13-024 TXV System with [CX34-18/24A-6F + G60UHV-36A-070]																										
63°F (17°C)	830	390	23.6	6.9	1.40	.79	.93	1.00	22.4	6.6	1.60	.81	.96	1.00	21.2	6.2	1.83	.83	.99	1.00	20.0	5.9	2.08	.86	1.00	1.00
67°F (19°C)	830	390	24.8	7.3	1.41	.63	.77	.90	23.8	7.0	1.61	.64	.78	.93	22.4	6.6	1.84	.65	.81	.96	21.0	6.2	2.09	.67	.84	.99
71°F (22°C)	830	390	26.0	7.6	1.42	.48	.62	.74	24.8	7.3	1.62	.48	.63	.76	23.4	6.9	1.85	.49	.64	.79	22.0	6.4	2.10	.50	.66	.82
	915	430	24.0	7.0	1.41	.81	.96	1.00	22.8	6.7	1.60	.83	.99	1.00	21.8	6.4	1.83	.86	1.00	1.00	20.4	6.0	2.09	.89	1.00	1.00
	915	430	25.4	7.4	1.41	.64	.79	.93	24.2	7.1	1.62	.65	.81	.96	22.8	6.7	1.84	.67	.83	.99	21.2	6.2	2.10	.69	.87	1.00
	915	430	26.6	7.8	1.42	.48	.63	.77	25.2	7.4	1.62	.49	.64	.79	23.8	7.0	1.85	.50	.66	.81	22.4	6.6	2.11	.51	.68	.85
COOLING CAPACITY - XC13-024 RFC System with [C33-24A + G60UHV-36A-070]																										
63°F (17°C)	830	390	23.6	6.9	1.40	.79	.94	1.00	22.4	6.6	1.60	.81	.97	1.00	21.0	6.2	1.82	.84	.99	1.00	19.9	5.8	2.07	.87	1.00	1.00
67°F (19°C)	830	390	25.0	7.3	1.41	.63	.77	.91	23.6	6.9	1.61	.64	.79	.94	22.2	6.5	1.83	.66	.82	.97	20.8	6.1	2.08	.68	.85	1.00
71°F (22°C)	830	390	26.2	7.7	1.42	.48	.62	.75	24.8	7.3	1.62	.48	.63	.77	23.4	6.9	1.84	.49	.64	.79	21.8	6.4	2.10	.50	.67	.83
	915	430	24.0	7.0	1.40	.82	.97	1.00	22.8	6.7	1.60	.84	.99	1.00	21.6	6.3	1.82	.87	1.00	1.00	20.4	6.0	2.08	.90	1.00	1.00
	915	430	25.4	7.4	1.41	.63	.79	.94	23.6	7.1	1.61	.66	.82	.97	22.6	6.6	1.83	.67	.83	.99	21.2	6.2	2.09	.69	.88	1.00
	915	430	26.6	7.8	1.42	.48	.63	.77	25.2	7.4	1.62	.49	.65	.79	23.8	7.0	1.85	.50	.66	.82	22.2	6.5	2.10	.51	.69	.86
COOLING CAPACITY - XC13-024 TXV System with [CX34-18/24B-6F + G60UHV-36B-090]																										
63°F (17°C)	825	390	23.6	6.9	1.40	.79	.93	1.00	22.4	6.6	1.60	.81	.96	1.00	21.2	6.2	1.83	.83	.99	1.00	20.0	5.9	2.08	.86	1.00	1.00
67°F (19°C)	825	390	24.8	7.3	1.41	.63	.76	.90	23.6	6.9	1.61	.64	.78	.93	22.4	6.6	1.84	.65	.81	.96	21.0	6.2	2.09	.67	.84	.99
71°F (22°C)	825	390	26.0	7.6	1.42	.48	.61	.74	24.8	7.3	1.62	.48	.63	.76	23.4	6.9	1.85	.49	.64	.78	21.8	6.4	2.10	.49	.66	.81
	910	430	24.0	7.0	1.41	.81	.96	1.00	22.8	6.7	1.60	.83	.99	1.00	21.8	6.4	1.83	.86	1.00	1.00	20.4	6.0	2.09	.89	1.00	1.00
	910	430	25.4	7.4	1.41	.64	.79	.93	24.0	7.0	1.62	.65	.81	.96	22.8	6.7	1.84	.67	.83	.99	21.2	6.2	2.10	.69	.87	1.00
	910	430	26.6	7.8	1.42	.48	.63	.76	25.2	7.4	1.62	.49	.64	.79	23.8	7.0	1.85	.50	.66	.81	22.2	6.5	2.11	.51	.68	.84
COOLING CAPACITY - XC13-024 RFC System with [C33-24B + G60UHV-36B-090]																										
63°F (17°C)	825	390	23.6	6.9	1.40	.79	.94	1.00	22.4	6.6	1.60	.81	.97	1.00	21.0	6.2	1.82	.84	.99	1.00	19.9	5.8	2.08	.87	1.00	1.00
67°F (19°C)	825	390	25.0	7.3	1.41	.63	.77	.91	23.6	6.9	1.61	.64	.79	.94	22.2	6.5	1.83	.66	.82	.97	20.8	6.1	2.09	.67	.85	1.00
71°F (22°C)	825	390	26.2	7.7	1.42	.48	.61	.75	24.8	7.3	1.62	.48	.63	.77	23.4	6.9	1.84	.49	.64	.79	21.8	6.4	2.10	.50	.66	.82
	910	430	24.0	7.0	1.40	.81	.97	1.00	22.8	6.7	1.60	.84	.99	1.00	21.6	6.3	1.82	.87	1.00	1.00	20.4	6.0	2.08	.90	1.00	1.00
	910	430	25.4	7.4	1.41	.64	.79	.94	24.0	7.0	1.61	.66	.82	.97	22.6	6.6	1.83	.67	.84	1.00	21.2	6.2	2.09	.69	.88	1.00
	910	430	26.6	7.8	1.42	.48	.63	.77	25.2	7.4	1.62	.49	.65	.79	23.8	7.0	1.85	.50	.66	.82	22.2	6.5	2.10	.51	.69	.86
COOLING CAPACITY - XC13-024 TXV System with [CX34-18/24B-6F + G61MPV-36B-(all)]																										
63°F (17°C)	830	390	23.6	6.9	1.40	.79	.93	1.00	22.4	6.6	1.60	.81	.96	1.00	21.2	6.2	1.83	.83	.99	1.00	20.0	5.9	2.08	.86	1.00	1.00
67°F (19°C)	830	390	24.8	7.3	1.41	.63	.77	.90	23.8	7.0	1.61	.64	.78	.93	22.4	6.6	1.84	.65	.81	.96	21.0	6.2	2.09	.67	.84	.99
71°F (22°C)	830	390	26.0	7.6	1.42	.48	.62	.74	24.8	7.3	1.62	.48	.63	.76	23.4	6.9	1.85	.49	.64	.79	22.0	6.4	2.10	.50	.66	.82
	915	430	24.0	7.0	1.41	.81	.96	1.00	22.8	6.7	1.60	.83	.99	1.00	21.8	6.4	1.83	.86	1.00	1.00	20.4	6.0	2.09	.89	1.00	1.00
	915	430	25.4	7.4	1.41	.64	.79	.93	24.2	7.1	1.62	.65	.81	.96	22.8	6.7	1.84	.67	.83	.99	21.2	6.2	2.10	.69	.87	1.00
	915	430	26.6	7.8	1.42	.48	.63	.77	25.2	7.4	1.62	.49	.64	.79	23.8	7.0	1.85	.50	.66	.81	22.4	6.6	2.11	.51	.68	.85
COOLING CAPACITY - XC13-024 RFC System with [C33-24B + G61MPV-36B-045]																										
63°F (17°C)	840	395	23.6	6.9	1.40	.80	.95	1.00	22.4	6.6	1.60	.82	.97	1.00	21.2	6.2	1.82	.84	1.00	1.00	20.0	5.9	2.07	.87	1.00	1.00
67°F (19°C)	840	395	25.0	7.3	1.41	.63	.77	.91	23.8	7.0	1.61	.64	.79	.94	22.4	6.6	1.83	.66	.82	.97	20.8	6.1	2.08	.68	.85	1.00
71°F (22°C)	840	395	26.2	7.7	1.42	.48	.62	.75	24.8	7.3	1.62	.48	.63	.77	23.4	6.9	1.84	.49	.65	.80	22.0	6.2	2.10	.50	.67	.83
	925	435	24.0	7.0	1.40	.82	.98	1.00	22.8	6.7	1.60	.84	.99	1.00	21.8	6.4	1.82	.87	1.00	1.00	20.4	6.0	2.08	.90	1.00	1.00
	925	435	25.4	7.4	1.41	.64	.80	.95	24.2	7.1	1.61	.66	.82	.98	22.8	6.7	1.83	.68	.85	1.00	21.2	6.2	2.09	.70	.88	1.00
	925	435	26.6	7.8	1.42	.48	.63	.78	25.4	7.4	1.62	.49	.65	.80	23.8	7.0	1.85	.50	.67	.83	22.2	6.5	2.10	.51	.69	.86
COOLING CAPACITY - XC13-024 RFC System with [C33-24B + G61MPV-36B-070]																										
63°F (17°C)	830	390	23.6	6.9	1.40	.79	.94	1.00	22.4	6.6	1.60	.81	.97	1.00	21.0	6.2	1.82	.84	.99	1.00	19.9	5.8	2.07	.87	1.00	1.00
67°F (19°C)	830	390	25.0	7.3	1.41	.63	.77	.91	23.6	6.9	1.61	.64	.79	.94	22.2	6.5	1.83	.66	.82	.97	20.8	6.1	2.08	.68	.85	1.00
71°F (22°C)	830	390	26.2	7.7	1.42	.48	.62	.75	24.8	7.3	1.62	.48	.63	.77	23.4	6.9	1.84	.49	.64	.79	21.8	6.4	2.10	.50	.67	.83
	915	430	24.0	7.0	1.40	.82	.97	1.00	22.8	6.7	1.60	.84	.99	1.00	21.6	6.3	1.82	.87	1.00	1.00	20.4	6.0	2.08	.90	1.00	1.00
	915	430	25.4	7.4	1.41	.64	.80	.94	24.2	7.1	1.61	.66	.82	.97	22.6	6.6	1.83	.67	.85	1.00	21.2	6.2	2.09	.69	.88	1.00
	915	430	26.6	7.8	1.42	.48	.63	.77	25.2	7.4	1.62	.49	.65	.79	23.8	7.0	1.85	.50	.66	.82	22.2	6.5	2.10	.51	.69	.86
COOLING CAPACITY - XC13-024 TXV System with [CX34-18/24B-6F + G71MPP-36B-070]																										
63°F (17°C)	830	390	23.6	6.9	1.40	.79	.93	1.00	22.4	6.6	1.60	.81	.96	1.00	21.2	6.2	1.83	.83	.99	1.00	20.0	5.9	2.08	.86	1.00	1.00
67°F (19°C)	830	390	24.8	7.3	1.41	.63	.77	.90	23.8	7.0	1.61	.64	.78	.93	22.4	6.6	1.84	.65	.81	.96	21.0	6.2	2.09	.67	.84	.99
71°F (22°C)	830	390	26.0	7.6</																						

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

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

COOLING CAPACITY - XC13-024 TXV System with [CX34-19A-6F + G60UHV-36A-070]

63°F (17°C)	830	390	24.2	7.1	1.41	.79	.94	1.00	23.0	6.7	1.60	.81	.96	1.00	21.6	6.3	1.83	.83	.99	1.00	20.2	5.9	2.09	.86	1.00	1.00
	915	430	24.6	7.2	1.41	.81	.97	1.00	23.4	6.9	1.61	.84	.99	1.00	22.0	6.4	1.83	.86	1.00	20.8	6.1	2.09	.89	1.00	1.00	
67°F (19°C)	830	390	25.6	7.5	1.42	.62	.77	.91	24.2	7.1	1.62	.64	.79	.93	22.8	6.7	1.84	.65	.81	.96	21.2	6.2	2.10	.67	.84	1.00
	915	430	26.0	7.6	1.42	.64	.79	.94	24.6	7.2	1.62	.65	.81	.97	23.2	6.8	1.85	.67	.84	.99	21.4	6.3	2.10	.69	.87	1.00
71°F (22°C)	830	390	27.0	7.9	1.43	.47	.61	.75	25.6	7.5	1.63	.48	.62	.77	24.0	7.0	1.86	.49	.64	.79	22.4	6.6	2.11	.49	.66	.82
	915	430	27.4	8.0	1.43	.48	.63	.77	26.0	7.6	1.63	.49	.64	.79	24.4	7.2	1.86	.49	.66	.82	22.8	6.7	2.11	.50	.68	.85

COOLING CAPACITY - XC13-024 RFC System with [C33-19A + G60UHV-36A-070]

63°F (17°C)	830	390	24.0	7.0	1.40	.79	.94	1.00	22.8	6.7	1.60	.81	.97	1.00	21.4	6.3	1.82	.84	1.00	20.0	5.9	2.07	.87	1.00	1.00	
	915	430	24.4	7.2	1.40	.82	.97	1.00	23.2	6.8	1.60	.84	1.00	21.8	6.4	1.83	.87	1.00	20.6	6.0	2.08	.90	1.00	1.00		
67°F (19°C)	830	390	25.4	7.4	1.41	.63	.77	.91	24.0	7.0	1.61	.64	.79	.94	22.6	6.6	1.83	.65	.82	.97	21.0	6.2	2.09	.67	.85	1.00
	915	430	25.8	7.6	1.41	.64	.80	.94	24.4	7.2	1.61	.65	.82	.97	23.0	6.7	1.84	.67	.84	1.00	21.4	6.3	2.09	.69	.88	1.00
71°F (22°C)	830	390	26.8	7.9	1.42	.47	.61	.75	25.4	7.4	1.62	.48	.63	.77	23.8	7.0	1.85	.48	.64	.79	22.2	6.5	2.10	.49	.66	.82
	915	430	27.2	8.0	1.43	.48	.63	.77	25.8	7.6	1.63	.49	.64	.80	24.2	7.1	1.85	.49	.66	.82	22.6	6.6	2.11	.50	.68	.86

COOLING CAPACITY - XC13-024 TXV System with [CX34-25A-6F + G60UHV-36A-070]

63°F (17°C)	830	390	24.6	7.2	1.41	.80	.96	1.00	23.2	6.8	1.61	.82	.98	1.00	21.8	6.4	1.83	.85	1.00	20.6	6.0	2.09	.88	1.00	1.00	
	915	430	25.0	7.3	1.41	.83	.99	1.00	23.8	7.0	1.61	.85	1.00	22.6	6.6	1.84	.88	1.00	21.2	6.2	2.10	.91	1.00	1.00		
67°F (19°C)	830	390	25.8	7.6	1.42	.63	.78	.93	24.6	7.2	1.62	.64	.80	.95	23.0	6.7	1.84	.66	.83	.98	21.4	6.3	2.10	.68	.86	1.00
	915	430	26.4	7.7	1.42	.65	.81	.96	25.0	7.3	1.62	.66	.83	.99	23.4	6.9	1.85	.68	.86	1.00	21.8	6.4	2.10	.70	.89	1.00
71°F (22°C)	830	390	27.4	8.0	1.43	.48	.62	.76	25.8	7.6	1.63	.48	.63	.78	24.4	7.2	1.86	.49	.65	.81	22.8	6.7	2.11	.50	.67	.84
	915	430	27.8	8.1	1.43	.49	.64	.79	26.4	7.7	1.64	.49	.65	.81	24.8	7.3	1.86	.50	.67	.84	23.0	6.7	2.12	.51	.69	.87

COOLING CAPACITY - XC13-024 RFC System with [C33-25A + G60UHV-36A-070]

63°F (17°C)	830	390	24.4	7.2	1.40	.81	.96	1.00	23.2	6.8	1.60	.83	.99	1.00	21.8	6.4	1.83	.86	1.00	20.4	6.0	2.08	.89	1.00	1.00	
	940	445	25.0	7.3	1.41	.84	1.00	1.00	23.8	7.0	1.61	.87	1.00	22.6	6.6	1.83	.90	1.00	21.2	6.2	2.09	.93	1.00	1.00		
67°F (19°C)	830	390	25.8	7.6	1.41	.63	.79	.93	24.4	7.2	1.61	.65	.81	.96	22.8	6.7	1.84	.66	.83	.99	21.2	6.2	2.09	.68	.87	1.00
	940	445	26.2	7.7	1.42	.66	.82	.98	24.8	7.3	1.62	.67	.85	1.00	23.4	6.9	1.84	.69	.87	1.00	21.6	6.3	2.09	.71	.91	1.00
71°F (22°C)	830	390	27.2	8.0	1.42	.48	.62	.76	25.8	7.6	1.63	.48	.64	.78	24.2	7.1	1.85	.49	.65	.81	22.4	6.6	2.11	.50	.67	.84
	940	445	27.8	8.1	1.43	.49	.65	.80	26.2	7.7	1.63	.49	.66	.83	24.6	7.2	1.86	.50	.68	.86	22.8	6.7	2.11	.51	.71	.89

COOLING CAPACITY - XC13-024 TXV System with [CX34-25B-6F + G60UHV-36B-090]

63°F (17°C)	825	390	24.6	7.2	1.41	.80	.95	1.00	23.2	6.8	1.61	.82	.98	1.00	21.8	6.4	1.83	.85	1.00	20.6	6.0	2.09	.88	1.00	1.00	
	905	425	25.0	7.3	1.41	.82	.98	1.00	23.6	6.9	1.61	.85	1.00	22.4	6.6	1.84	.87	1.00	21.2	6.2	2.10	.91	1.00	1.00		
67°F (19°C)	825	390	25.8	7.6	1.42	.63	.78	.92	24.6	7.2	1.62	.64	.80	.95	23.0	6.7	1.84	.66	.82	.98	21.4	6.3	2.10	.68	.85	1.00
	905	425	26.2	7.7	1.42	.64	.80	.95	24.8	7.3	1.62	.66	.83	.98	23.4	6.9	1.85	.67	.85	1.00	21.8	6.4	2.11	.69	.89	1.00
71°F (22°C)	825	390	27.2	8.0	1.43	.47	.62	.76	25.8	7.6	1.63	.48	.63	.78	24.4	7.2	1.86	.49	.65	.80	22.6	6.6	2.11	.49	.67	.83
	905	425	27.8	8.1	1.43	.48	.63	.78	26.2	7.7	1.64	.49	.65	.80	24.8	7.3	1.86	.49	.66	.83	23.0	6.7	2.12	.50	.69	.87

COOLING CAPACITY - XC13-024 RFC System with [C33-25B + G60UHV-36B-090]

63°F (17°C)	825	390	24.4	7.2	1.40	.81	.96	1.00	23.0	6.7	1.60	.83	.99	1.00	21.8	6.4	1.82	.85	1.00	20.4	6.0	2.08	.89	1.00	1.00	
	935	440	25.0	7.3	1.41	.84	1.00	1.00	23.8	7.0	1.61	.87	1.00	22.6	6.6	1.83	.89	1.00	21.2	6.2	2.09	.93	1.00	1.00		
67°F (19°C)	825	390	25.8	7.6	1.41	.63	.78	.93	24.4	7.2	1.61	.65	.80	.96	22.8	6.7	1.83	.66	.83	.99	21.2	6.2	2.09	.68	.86	1.00
	935	440	26.2	7.7	1.42	.66	.82	.98	24.8	7.3	1.62	.67	.85	1.00	23.4	6.9	1.84	.69	.87	1.00	21.6	6.3	2.09	.71	.91	1.00
71°F (22°C)	825	390	27.2	8.0	1.42	.48	.62	.76	25.6	7.5	1.62	.48	.64	.78	24.2	7.1	1.85	.49	.65	.81	22.4	6.6	2.11	.50	.67	.84
	935	440	27.8	8.1	1.43	.49	.64	.80	26.2	7.7	1.63	.49	.66	.82	24.6	7.2	1.85	.50	.68	.85	22.8	6.7	2.11	.51	.70	.89

COOLING CAPACITY - XC13-024 TXV System with [CX34-25B-6F + G61MPV-36B-(all)]

63°F (17°C)	840	395	24.6	7.2	1.41	.81	.96	1.00	23.4	6.9	1.61	.83	.99	1.00	22.0	6.4	1.83	.85	1.00	20.8	6.1	2.09	.89	1.00	1.00	
	945	445	25.2	7.4	1.41	.84	1.00	1.00	24.0	7.0	1.61	.87	1.00	22.8	6.7	1.84	.89	1.00	21.4	6.3	2.10	.93	1.00	1.00		
67°F (19°C)	840	395	26.0	7.6	1.42	.63	.78	.93	24.6	7.2	1.62	.65	.81	.96	23.2	6.8	1.84	.66	.83	.99	21.4	6.3	2.10	.68	.87	1.00
	945	445	26.6	7.8	1.42	.66	.82	.98	25.0	7.3	1.62	.67	.84	1.00	23.6	6.9	1.85	.69	.87	1.00	22.0	6.4	2.11	.71	.91	1.00
71°F (22°C)	840	395	27.4	8.0	1.43	.48	.62	.76	26.0	7.6	1.63	.48	.64	.78	24.4	7.2	1.86	.49	.65	.81	22.8	6.7	2.12	.50	.67	.84
	945	445	28.0	8.2	1.43	.49	.65	.80	26.4	7.7	1.64	.50	.66	.82	24.8	7.3	1.86	.50	.68	.85	23.2	6.8	2.12	.51	.70	.89

COOLING CAPACITY - XC13-024 RFC System with [C33-25B + G61MPV-36B-(all)]

63°F (17°C)	840	395	24.4	7.2	1.40	.81	.97	1.00	23.2	6.8	1.60	.83	.99	1.00	21.8	6.4	1.83	.86
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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

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
COOLING CAPACITY - XC13-024 RFC System with [C33-25B + G71MPV-36B-070]																										
63°F (17°C)	830	390	24.4	7.2	1.40	.81	.96	1.00	23.2	6.8	1.60	.83	.99	1.00	21.8	6.4	1.83	.86	1.00	1.00	20.4	6.0	2.08	.89	1.00	1.00
	940	445	25.0	7.3	1.41	.84	1.00		23.8	7.0	1.61	.87	1.00	1.00	22.6	6.6	1.83	.90	1.00	1.00	21.2	6.2	2.09	.93	1.00	1.00
67°F (19°C)	830	390	25.8	7.6	1.41	.63	.79	.93	24.8	7.2	1.61	.65	.81	.96	22.8	6.7	1.84	.66	.83	.99	21.2	6.2	2.09	.68	.87	1.00
	940	445	26.2	7.7	1.42	.66	.82	.98	24.8	7.3	1.62	.67	.85	1.00	23.4	6.9	1.84	.69	.87	1.00	21.6	6.3	2.09	.71	.91	1.00
71°F (22°C)	830	390	27.2	8.0	1.42	.48	.62	.76	25.8	7.6	1.63	.48	.64	.78	24.2	7.1	1.85	.49	.65	.81	22.4	6.6	2.11	.50	.67	.84
	940	445	27.8	8.1	1.43	.49	.65	.80	26.2	7.7	1.63	.49	.66	.83	24.6	7.2	1.86	.50	.68	.86	22.8	6.7	2.11	.51	.71	.89
COOLING CAPACITY - XC13-024 TXV System with [CX34-30A-6F + G60UHV-36A-070]																										
63°F (17°C)	830	390	24.0	7.0	1.41	.79	.94	1.00	22.8	6.7	1.60	.82	.97	1.00	21.6	6.3	1.83	.84	1.00	1.00	20.4	6.0	2.09	.87	1.00	1.00
	915	430	24.4	7.2	1.41	.82	.98	1.00	23.4	6.9	1.61	.84	1.00	1.00	22.2	6.5	1.84	.87	1.00	1.00	21.0	6.2	2.10	.90	1.00	1.00
67°F (19°C)	830	390	25.4	7.4	1.41	.63	.77	.91	24.0	7.0	1.62	.64	.79	.94	22.8	6.7	1.84	.66	.82	.97	21.2	6.2	2.09	.68	.85	1.00
	915	430	25.8	7.6	1.42	.65	.80	.94	24.0	7.2	1.62	.66	.82	.97	23.0	6.7	1.84	.68	.85	1.00	21.6	6.3	2.10	.70	.88	1.00
71°F (22°C)	830	390	26.4	7.7	1.42	.48	.62	.75	25.2	7.4	1.62	.48	.63	.77	23.8	7.0	1.85	.49	.65	.80	22.2	6.5	2.11	.50	.67	.83
	915	430	27.0	7.9	1.43	.49	.64	.78	25.6	7.5	1.63	.49	.65	.80	24.2	7.1	1.86	.50	.67	.83	22.6	6.6	2.11	.51	.69	.86
COOLING CAPACITY - XC13-024 RFC System with [C33-30A + G60UHV-36A-070]																										
63°F (17°C)	830	390	24.0	7.0	1.40	.80	.95	1.00	22.8	6.7	1.60	.82	.98	1.00	21.6	6.3	1.82	.85	1.00	1.00	20.2	5.9	2.08	.88	1.00	1.00
	915	430	24.4	7.2	1.40	.82	.98	1.00	23.2	6.8	1.60	.85	1.00	1.00	22.0	6.4	1.83	.88	1.00	1.00	20.8	6.1	2.08	.91	1.00	1.00
67°F (19°C)	830	390	25.4	7.4	1.41	.63	.78	.92	24.0	7.0	1.61	.65	.80	.95	22.6	6.6	1.83	.66	.83	.98	21.0	6.2	2.08	.68	.86	1.00
	915	430	25.8	7.6	1.41	.65	.80	.95	24.4	7.2	1.61	.66	.83	.98	23.0	6.7	1.84	.68	.86	1.00	21.4	6.3	2.09	.70	.89	1.00
71°F (22°C)	830	390	26.6	7.8	1.42	.48	.62	.76	25.2	7.4	1.62	.48	.63	.78	23.8	7.0	1.85	.49	.65	.80	22.2	6.5	2.10	.50	.67	.84
	915	430	27.0	7.9	1.42	.49	.64	.78	25.6	7.5	1.63	.49	.65	.81	24.2	7.1	1.85	.50	.67	.84	22.4	6.6	2.10	.51	.70	.87
COOLING CAPACITY - XC13-024 TXV System with [CX34-30B-6F + G60UHV-36B-090]																										
63°F (17°C)	825	390	24.0	7.0	1.41	.79	.94	1.00	22.8	6.7	1.60	.81	.97	1.00	21.6	6.3	1.83	.84	.99	1.00	20.4	6.0	2.09	.87	1.00	1.00
	905	425	24.4	7.2	1.41	.81	.97	1.00	23.2	6.8	1.61	.84	.99	1.00	22.2	6.5	1.83	.87	1.00	1.00	20.8	6.1	2.09	.90	1.00	1.00
67°F (19°C)	825	390	25.4	7.4	1.41	.63	.77	.91	24.0	7.0	1.62	.64	.79	.94	22.6	6.6	1.84	.66	.82	.97	21.2	6.2	2.09	.68	.85	1.00
	905	425	25.8	7.6	1.42	.64	.79	.94	24.4	7.2	1.62	.66	.81	.97	23.0	6.7	1.84	.67	.84	.99	21.4	6.3	2.10	.69	.88	1.00
71°F (22°C)	825	390	26.4	7.7	1.42	.48	.62	.75	25.2	7.4	1.62	.48	.63	.77	23.8	7.0	1.85	.49	.65	.79	22.2	6.5	2.11	.50	.67	.82
	905	425	27.0	7.9	1.42	.49	.63	.77	25.6	7.5	1.63	.49	.65	.79	24.2	7.1	1.86	.50	.66	.82	22.6	6.6	2.11	.51	.69	.85
COOLING CAPACITY - XC13-024 RFC System with [C33-30B + G60UHV-36B-090]																										
63°F (17°C)	825	390	24.0	7.0	1.40	.80	.95	1.00	22.8	6.7	1.60	.82	.98	1.00	21.4	6.3	1.82	.85	1.00	1.00	20.2	5.9	2.08	.88	1.00	1.00
	905	425	24.4	7.2	1.40	.82	.98	1.00	23.2	6.8	1.60	.84	1.00	1.00	22.0	6.4	1.83	.87	1.00	1.00	20.6	6.0	2.08	.91	1.00	1.00
67°F (19°C)	825	390	25.4	7.4	1.41	.63	.78	.92	24.0	7.0	1.61	.64	.80	.95	22.6	6.6	1.83	.66	.82	.98	21.0	6.2	2.08	.68	.86	1.00
	905	425	25.8	7.6	1.41	.65	.80	.95	24.4	7.2	1.61	.66	.82	.98	23.0	6.7	1.84	.68	.85	1.00	21.4	6.3	2.09	.70	.89	1.00
71°F (22°C)	825	390	26.4	7.7	1.42	.48	.62	.76	25.2	7.4	1.62	.48	.63	.78	23.8	7.0	1.85	.49	.65	.80	22.2	6.5	2.10	.50	.67	.83
	905	425	27.0	7.9	1.42	.48	.63	.78	25.6	7.5	1.62	.49	.65	.80	24.0	7.0	1.85	.50	.67	.83	22.4	6.6	2.10	.51	.69	.86
COOLING CAPACITY - XC13-024 TXV System with [CX34-30B-6F + G61MPV-36B-(all)]																										
63°F (17°C)	840	395	24.2	7.1	1.41	.80	.95	1.00	22.8	6.7	1.61	.82	.98	1.00	21.6	6.3	1.83	.84	1.00	1.00	20.4	6.0	2.09	.88	1.00	1.00
	945	445	24.6	7.2	1.41	.83	.98	1.00	23.6	6.9	1.61	.85	1.00	1.00	22.4	6.6	1.84	.88	1.00	1.00	21.0	6.2	2.10	.92	1.00	1.00
67°F (19°C)	840	395	25.4	7.4	1.41	.64	.78	.91	24.2	7.1	1.62	.65	.80	.94	22.8	6.7	1.84	.66	.82	.98	21.2	6.2	2.09	.68	.85	1.00
	945	445	26.0	7.6	1.42	.65	.81	.96	24.6	7.2	1.62	.67	.83	.99	23.2	6.8	1.84	.68	.86	1.00	21.6	6.3	2.10	.71	.89	1.00
71°F (22°C)	840	395	26.6	7.8	1.42	.48	.62	.76	25.2	7.4	1.63	.49	.64	.78	23.8	7.0	1.85	.49	.65	.80	22.2	6.5	2.11	.50	.67	.83
	945	445	27.2	8.0	1.43	.49	.64	.79	25.8	7.6	1.63	.50	.66	.81	24.4	7.2	1.85	.51	.68	.84	22.8	6.7	2.12	.51	.70	.87
COOLING CAPACITY - XC13-024 RFC System with [C33-30B + G61MPV-36B-(all)]																										
63°F (17°C)	840	395	24.0	7.0	1.40	.81	.96	1.00	22.8	6.7	1.60	.83	.98	1.00	21.6	6.3	1.82	.85	1.00	1.00	20.4	6.0	2.08	.88	1.00	1.00
	950	450	24.6	7.2	1.41	.84	.99	1.00	23.6	6.9	1.60	.86	1.00	1.00	22.4	6.6	1.83	.89	1.00	1.00	21.0	6.2	2.09	.93	1.00	1.00
67°F (19°C)	840	395	25.4	7.4	1.41	.64	.78	.93	24.2	7.1	1.61	.65	.80	.96	22.6	6.6	1.83	.67	.83	.98	21.2	6.2	2.08	.69	.86	1.00
	950	450	26.0	7.6	1.42	.66	.82	.97	24.6	7.2	1.61	.67	.84	.99	23.2	6.8	1.84	.69	.87	1.00	21.6	6.3	2.09	.71	.91	1.00
71°F (22°C)	840	395	26.6	7.8	1.42	.48	.63	.76	25.2	7.4	1.62	.49	.64	.78	23.8	7.0	1.85	.49	.65	.81	22.2	6.5	2.10	.50	.68	.84
	950	450	27.2	8.0	1.43	.49	.65	.80	25.8	7.6	1.63	.50	.66	.82	24.4	7.2	1.85	.51	.68	.85	22.6	6.6	2.11	.52	.71	.89
COOLING CAPACITY - XC13-024 TXV System with [CX34-30B-6F + G71MPP-36B-070]																										
63°F (17°C)	830	390	24.0	7.0	1.41	.80	.94	1.00	22.8	6.7	1.60	.82	.97	1.00	21.6	6.3	1.83	.84	1.00	1.00	20.4	6.0	2.09	.87	1.00	1.00
	930	440	24.6	7.2	1.41	.82	.98	1.00	23.4	6.9	1.61	.85	1.00	1.00	22.2	6.5	1.83	.88	1.00	1.00	21.0	6.2	2.09	.91	1.00	1.00
67°F (19°C)	830																									

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

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

COOLING CAPACITY - XC13-024 TXV System with [CX34-31A-6F + G60UHV-36A-070]

63°F (17°C)	830	390	25.0	7.3	1.41	.80	.96	1.00	23.6	6.9	1.61	.82	.98	1.00	22.2	6.5	1.83	.85	1.00	1.00	21.0	6.2	2.10	.88	1.00	1.00
67°F (19°C)	830	390	26.4	7.7	1.42	.83	.78	.93	25.0	7.3	1.62	.64	.80	.95	23.4	6.9	1.85	.66	.82	.98	21.8	6.4	2.10	.68	.86	1.00
71°F (22°C)	830	390	27.8	8.1	1.43	.48	.62	.76	26.4	7.7	1.64	.48	.63	.78	24.8	7.3	1.86	.49	.65	.80	23.0	6.7	2.12	.49	.67	.84
	915	430	28.2	8.3	1.44	.48	.64	.78	26.8	7.9	1.64	.49	.65	.81	25.2	7.4	1.87	.49	.67	.84	23.4	6.9	2.12	.51	.69	.87

COOLING CAPACITY - XC13-024 RFC System with [C33-31A + G60UHV-36A-070]

63°F (17°C)	830	390	24.8	7.3	1.41	.80	.96	1.00	23.4	6.9	1.60	.83	.99	1.00	22.2	6.5	1.83	.85	1.00	1.00	20.8	6.1	2.09	.88	1.00	1.00
67°F (19°C)	830	390	26.2	7.7	1.42	.63	.78	.93	24.8	7.3	1.62	.64	.80	.96	23.2	6.8	1.84	.66	.83	.99	21.6	6.3	2.09	.68	.86	1.00
71°F (22°C)	830	390	27.6	8.1	1.43	.47	.62	.76	26.2	7.7	1.63	.48	.63	.78	24.6	7.2	1.85	.48	.65	.81	22.8	6.7	2.11	.49	.67	.84
	915	430	28.2	8.3	1.43	.48	.64	.79	26.6	7.8	1.64	.49	.65	.81	25.0	7.3	1.86	.49	.67	.84	23.2	6.8	2.11	.50	.69	.88

COOLING CAPACITY - XC13-024 TXV System with [CX34-31B-6F + G60UHV-36B-090]

63°F (17°C)	825	390	25.0	7.3	1.41	.80	.96	1.00	23.6	6.9	1.61	.82	.98	1.00	22.2	6.5	1.83	.84	1.00	1.00	21.0	6.2	2.09	.88	1.00	1.00
67°F (19°C)	825	390	26.4	7.7	1.42	.63	.78	.92	25.0	7.3	1.62	.64	.80	.95	23.4	6.9	1.85	.65	.82	.98	21.8	6.4	2.10	.67	.85	1.00
71°F (22°C)	825	390	27.8	8.1	1.43	.47	.62	.76	26.2	7.7	1.63	.48	.63	.78	24.8	7.3	1.86	.48	.64	.80	23.0	6.7	2.12	.49	.66	.83
	905	425	28.2	8.3	1.44	.48	.63	.78	26.6	7.8	1.64	.49	.65	.80	25.0	7.3	1.87	.49	.66	.83	23.4	6.9	2.12	.50	.69	.87

COOLING CAPACITY - XC13-024 RFC System with [C33-31B + G60UHV-36B-090]

63°F (17°C)	825	390	24.8	7.3	1.41	.80	.96	1.00	23.4	6.9	1.60	.82	.99	1.00	22.0	6.4	1.83	.85	1.00	1.00	20.8	6.1	2.08	.88	1.00	1.00
67°F (19°C)	825	390	26.2	7.7	1.42	.63	.78	.93	24.8	7.3	1.62	.64	.80	.96	23.4	6.9	1.84	.65	.83	.99	21.6	6.3	2.09	.68	.86	1.00
71°F (22°C)	825	390	27.6	8.1	1.43	.47	.62	.76	26.2	7.7	1.63	.48	.63	.78	24.6	7.2	1.85	.48	.64	.80	22.8	6.7	2.11	.49	.67	.84
	905	425	28.0	8.2	1.43	.48	.63	.78	26.6	7.8	1.63	.48	.65	.81	25.0	7.3	1.86	.49	.66	.84	23.2	6.8	2.11	.50	.69	.87

COOLING CAPACITY - XC13-024 TXV System with [CX34-31B-6F + G61MPV-36B-045]

63°F (17°C)	840	395	25.0	7.3	1.41	.81	.96	1.00	23.8	7.0	1.61	.83	.99	1.00	22.4	6.6	1.84	.85	1.00	1.00	21.0	6.2	2.10	.88	1.00	1.00
67°F (19°C)	840	395	26.4	7.7	1.42	.63	.78	.93	25.0	7.3	1.62	.65	.80	.96	23.4	6.9	1.85	.66	.83	.99	22.0	6.4	2.11	.68	.86	1.00
71°F (22°C)	840	395	27.8	8.1	1.43	.48	.62	.76	26.4	7.7	1.64	.48	.63	.78	24.8	7.3	1.86	.49	.65	.81	23.2	6.8	2.12	.50	.67	.84
	945	445	28.4	8.3	1.44	.49	.64	.79	26.8	7.9	1.64	.49	.66	.82	25.4	7.4	1.87	.50	.68	.85	23.6	6.9	2.13	.51	.71	.89

COOLING CAPACITY - XC13-024 TXV System with [CX34-31B-6F + G61MPV-36B-070]

63°F (17°C)	830	390	25.0	7.3	1.41	.80	.96	1.00	23.6	6.9	1.61	.82	.98	1.00	22.2	6.5	1.83	.85	1.00	1.00	21.0	6.2	2.10	.88	1.00	1.00
67°F (19°C)	830	390	26.4	7.7	1.42	.63	.78	.93	25.0	7.3	1.62	.64	.80	.95	23.4	6.9	1.85	.66	.82	.99	21.8	6.4	2.10	.68	.86	1.00
71°F (22°C)	830	390	27.8	8.1	1.43	.48	.62	.76	26.4	7.7	1.64	.48	.63	.78	24.8	7.3	1.86	.49	.65	.80	23.0	6.7	2.12	.49	.67	.84
	930	440	28.4	8.3	1.44	.49	.64	.79	26.8	7.9	1.64	.49	.65	.81	25.2	7.4	1.87	.50	.67	.84	23.4	6.9	2.12	.51	.70	.88

COOLING CAPACITY - XC13-024 RFC System with [C33-31B + G61MPV-36B-(all)]

63°F (17°C)	840	395	24.8	7.3	1.41	.81	.97	1.00	23.6	6.9	1.61	.83	.99	1.00	22.2	6.5	1.83	.86	1.00	1.00	20.8	6.1	2.09	.89	1.00	1.00
67°F (19°C)	840	395	26.4	7.7	1.42	.63	.79	.94	25.0	7.3	1.62	.65	.81	.96	23.4	6.9	1.84	.66	.83	.99	21.6	6.3	2.10	.68	.87	1.00
71°F (22°C)	840	395	27.8	8.1	1.43	.47	.62	.76	26.2	7.7	1.63	.48	.63	.79	24.6	7.2	1.86	.48	.65	.81	23.0	6.7	2.11	.49	.67	.85
	945	445	28.4	8.3	1.43	.49	.64	.80	26.8	7.9	1.64	.49	.66	.82	25.2	7.4	1.86	.50	.68	.86	23.4	6.9	2.12	.51	.70	.90

COOLING CAPACITY - XC13-024 TXV System with [CX34-31B-6F + G71MPP-36B-070]

63°F (17°C)	830	390	25.0	7.3	1.41	.80	.96	1.00	23.6	6.9	1.61	.82	.98	1.00	22.2	6.5	1.83	.85	1.00	1.00	21.0	6.2	2.10	.88	1.00	1.00
67°F (19°C)	830	390	26.4	7.7	1.42	.63	.78	.93	25.0	7.3	1.62	.64	.80	.95	23.4	6.9	1.85	.66	.82	.99	21.8	6.4	2.10	.68	.86	1.00
71°F (22°C)	830	390	27.8	8.1	1.43	.48	.62	.76	26.4	7.7	1.64	.48	.63	.78	24.8	7.3	1.86	.49	.65	.80	23.0	6.7	2.12	.49	.67	.84
	930	440	28.4	8.3	1.44	.49	.64	.79	26.8	7.9	1.64	.49	.65	.81	25.2	7.4	1.87	.50	.67	.84	23.4	6.9	2.12	.51	.70	.88

COOLING CAPACITY - XC13-024 RFC System with [C33-31B + G71MPP-36B-070]

63°F (17°C)	830	390	24.8	7.3	1.41	.80	.96	1.00	23.4	6.9	1.60	.83	.99	1.00	22.2	6.5	1.83	.85	1.00	1.00	20.8	6.1	2.09	.88	1.00	1.00
67°F (19°C)	830	390	26.2	7.7	1.42	.63	.78	.93	24.8	7.3	1.62	.64	.80	.96	23.2	6.8	1.84	.66	.83	.99	21.6	6.3	2.09	.68	.86	1.00
71°F (22°C)	830	390	27.6	8.1	1.43	.47	.62	.76	26.2	7.7	1.63	.48	.63	.78	24.6	7.2	1.85	.48	.65	.81	22.8	6.7	2.11	.49	.67	.84
	930	440	28.2	8.3	1.43	.48	.64	.79	26.6	7.8	1.64	.49	.65	.82	25.0	7.3	1.86	.50	.68	.85	23.2	6.8	2.11	.51	.70	.89

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

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

COOLING CAPACITY - XC13-024 TXV System with [CX34-36A-6F + G60UHV-36A-070]

63°F (17°C)	830	390	24.6	7.2	1.41	.81	.96	1.00	23.4	6.9	1.61	.83	.99	1.00	22.0	6.4	1.83	.86	1.00	1.00	20.8	6.1	2.09	.89	1.00	1.00
	915	430	25.2	7.4	1.41	.84	.99	1.00	24.0	7.0	1.61	.86	1.00	1.00	22.6	6.6	1.84	.89	1.00	1.00	21.2	6.2	2.10	.92	1.00	1.00
67°F (19°C)	830	390	25.8	7.6	1.42	.64	.79	.93	24.6	7.2	1.62	.65	.81	.96	23.0	6.7	1.84	.67	.83	.99	21.4	6.3	2.10	.69	.87	1.00
	915	430	26.4	7.7	1.42	.65	.81	.97	25.0	7.3	1.62	.67	.84	.99	23.4	6.9	1.85	.69	.87	1.00	21.8	6.4	2.10	.71	.90	1.00
71°F (22°C)	830	390	27.0	7.9	1.43	.48	.63	.77	25.6	7.5	1.63	.49	.64	.79	24.2	7.1	1.86	.49	.66	.81	22.6	6.6	2.11	.50	.68	.85
	915	430	27.6	8.1	1.43	.49	.64	.79	26.2	7.7	1.63	.50	.66	.82	24.6	7.2	1.86	.50	.68	.85	22.8	6.7	2.12	.51	.70	.88

COOLING CAPACITY - XC13-024 RFC System with [CX34-36A + G60UHV-36A-070]

63°F (17°C)	830	390	24.4	7.2	1.40	.81	.97	1.00	23.2	6.8	1.60	.83	.99	1.00	21.8	6.4	1.82	.86	1.00	1.00	20.6	6.0	2.08	.89	1.00	1.00
	915	430	25.0	7.3	1.41	.84	1.00	1.00	23.8	7.0	1.61	.86	1.00	1.00	22.4	6.6	1.83	.89	1.00	1.00	21.2	6.2	2.09	.93	1.00	1.00
67°F (19°C)	830	390	25.6	7.5	1.41	.64	.79	.94	24.4	7.2	1.61	.65	.81	.97	22.8	6.7	1.83	.67	.84	.99	21.2	6.2	2.09	.69	.87	1.00
	915	430	26.2	7.7	1.42	.66	.82	.97	24.8	7.3	1.62	.67	.84	1.00	23.2	6.8	1.84	.69	.87	1.00	21.6	6.3	2.09	.71	.91	1.00
71°F (22°C)	830	390	26.8	7.9	1.42	.48	.63	.77	25.4	7.4	1.62	.49	.64	.79	24.0	7.0	1.85	.49	.66	.82	22.2	6.5	2.10	.50	.68	.85
	915	430	27.4	8.0	1.42	.49	.65	.80	26.0	7.6	1.63	.49	.66	.82	24.4	7.2	1.85	.50	.68	.85	22.6	6.6	2.11	.51	.70	.89

COOLING CAPACITY - XC13-024 TXV System with [CX34-36B-6F + G60UHV-36B-090]

63°F (17°C)	825	390	24.6	7.2	1.41	.81	.96	1.00	23.4	6.9	1.61	.83	.99	1.00	22.0	6.4	1.83	.85	1.00	1.00	20.6	6.0	2.09	.88	1.00	1.00
	905	425	25.0	7.3	1.41	.83	.99	1.00	23.8	7.0	1.61	.85	1.00	1.00	22.6	6.6	1.84	.88	1.00	1.00	21.2	6.2	2.09	.92	1.00	1.00
67°F (19°C)	825	390	25.8	7.6	1.42	.64	.79	.93	24.4	7.2	1.62	.65	.81	.96	23.0	6.7	1.84	.66	.83	.99	21.4	6.3	2.10	.68	.86	1.00
	905	425	26.2	7.7	1.42	.65	.81	.96	24.8	7.3	1.62	.66	.83	.99	23.4	6.9	1.85	.68	.86	1.00	21.8	6.4	2.10	.70	.89	1.00
71°F (22°C)	825	390	27.0	7.9	1.43	.48	.62	.76	25.6	7.5	1.63	.48	.64	.79	24.2	7.1	1.86	.49	.65	.81	22.6	6.6	2.11	.50	.67	.84
	905	425	27.4	8.0	1.43	.49	.64	.79	26.0	7.6	1.63	.49	.65	.81	24.6	7.2	1.86	.50	.67	.84	22.8	6.7	2.11	.51	.70	.87

COOLING CAPACITY - XC13-024 RFC System with [CX34-36B + G60UHV-36B-090]

63°F (17°C)	825	390	24.4	7.2	1.40	.81	.97	1.00	23.2	6.8	1.60	.83	.99	1.00	21.8	6.4	1.82	.86	1.00	1.00	20.6	6.0	2.08	.89	1.00	1.00
	900	425	24.8	7.3	1.41	.83	.99	1.00	23.6	6.9	1.61	.86	1.00	1.00	22.4	6.6	1.83	.89	1.00	1.00	21.0	6.2	2.09	.92	1.00	1.00
67°F (19°C)	825	390	25.6	7.5	1.41	.64	.79	.94	24.4	7.2	1.61	.65	.81	.96	22.8	6.7	1.83	.67	.84	.99	21.2	6.2	2.09	.69	.87	1.00
	900	425	26.0	7.6	1.42	.65	.81	.97	24.6	7.2	1.62	.67	.84	.99	23.2	6.8	1.84	.68	.87	1.00	21.6	6.3	2.09	.71	.90	1.00
71°F (22°C)	825	390	26.8	7.9	1.42	.48	.63	.77	25.4	7.4	1.62	.48	.64	.79	23.8	7.0	1.85	.49	.66	.81	22.2	6.5	2.10	.50	.68	.85
	900	425	27.2	8.0	1.43	.49	.64	.79	25.8	7.6	1.63	.49	.66	.82	24.2	7.1	1.85	.50	.68	.84	22.6	6.6	2.11	.51	.70	.88

COOLING CAPACITY - XC13-024 TXV System with [CX34-36B-6F + G61MPV-36B-(all)]

63°F (17°C)	840	395	24.8	7.3	1.41	.81	.97	1.00	23.4	6.9	1.61	.83	.99	1.00	22.2	6.5	1.83	.86	1.00	1.00	20.8	6.1	2.09	.89	1.00	1.00
	945	445	25.4	7.4	1.41	.85	1.00	1.00	24.2	7.1	1.62	.87	1.00	1.00	22.8	6.7	1.84	.90	1.00	1.00	21.4	6.3	2.10	.94	1.00	1.00
67°F (19°C)	840	395	26.0	7.6	1.42	.64	.79	.94	24.6	7.2	1.62	.65	.81	.97	23.2	6.8	1.84	.67	.84	.99	21.6	6.3	2.10	.69	.87	1.00
	945	445	26.6	7.8	1.42	.66	.83	.98	25.2	7.4	1.62	.68	.85	1.00	23.6	6.9	1.85	.69	.88	1.00	22.0	6.4	2.11	.72	.92	1.00
71°F (22°C)	840	395	27.0	7.9	1.43	.48	.63	.77	25.6	7.5	1.63	.49	.64	.79	24.2	7.1	1.86	.49	.66	.82	22.6	6.6	2.11	.50	.68	.85
	945	445	27.8	8.1	1.43	.49	.65	.81	26.2	7.7	1.64	.50	.67	.83	24.8	7.3	1.86	.51	.69	.86	23.0	6.7	2.12	.52	.71	.90

COOLING CAPACITY - XC13-024 RFC System with [CX34-36B + G61MPV-36B-(all)]

63°F (17°C)	840	395	24.6	7.2	1.40	.82	.97	1.00	23.2	6.8	1.60	.84	1.00	1.00	22.0	6.4	1.83	.86	1.00	1.00	20.6	6.0	2.08	.90	1.00	1.00
	945	445	25.2	7.4	1.41	.85	1.00	1.00	24.0	7.0	1.61	.88	1.00	1.00	22.8	6.7	1.83	.91	1.00	1.00	21.2	6.2	2.09	.94	1.00	1.00
67°F (19°C)	840	395	25.8	7.6	1.41	.64	.80	.94	24.4	7.2	1.61	.66	.82	.97	22.8	6.7	1.84	.67	.84	1.00	21.2	6.2	2.09	.69	.88	1.00
	945	445	26.4	7.7	1.42	.66	.83	.98	24.8	7.3	1.62	.68	.86	1.00	23.4	6.9	1.84	.70	.89	1.00	21.8	6.4	2.10	.72	.92	1.00
71°F (22°C)	840	395	26.8	7.9	1.42	.48	.63	.77	25.6	7.5	1.62	.49	.64	.80	24.0	7.0	1.85	.50	.66	.82	22.4	6.6	2.10	.50	.68	.86
	945	445	27.6	8.1	1.43	.49	.65	.81	26.0	7.6	1.63	.50	.67	.84	24.4	7.2	1.85	.51	.69	.87	22.8	6.7	2.11	.52	.71	.90

COOLING CAPACITY - XC13-024 TXV System with [CX34-36B-6F + G71MPP-36B-070]

63°F (17°C)	830	390	24.6	7.2	1.41	.81	.96	1.00	23.4	6.9	1.61	.83	.99	1.00	22.0	6.4	1.83	.86	1.00	1.00	20.8	6.1	2.09	.89	1.00	1.00
	930	440	25.2	7.4	1.41	.84	1.00	1.00	24.0	7.0	1.61	.86	1.00	1.00	22.8	6.7	1.84	.89	1.00	1.00	21.4	6.3	2.10	.93	1.00	1.00
67°F (19°C)	830	390	25.8	7.6	1.42	.64	.79	.93	24.6	7.2	1.62	.65	.81	.96	23.0	6.7	1.84	.67	.84	.99	21.4	6.3	2.10	.69	.87	1.00
	930	440	26.4	7.7	1.42	.66	.82	.97	25.0	7.3	1.62	.67	.84	1.00	23.6	6.9	1.85	.69	.87	1.00	21.8	6.4	2.10	.71	.91	1.00
71°F (22°C)	830	390	27.0	7.9	1.43	.48	.63	.77	25.6	7.5	1.63	.49	.64	.79	24.2	7.1	1.86	.49	.66	.81	22.6	6.6	2.11	.50	.68	.85
	930	440	27.6	8.1	1.43	.49	.65	.80	26.2	7.7	1.63	.50	.66	.82	24.6	7.2	1.86	.51	.68	.85	23.0	6.7	2.12	.52	.70	.89

COOLING CAPACITY - XC13-024 RFC System with [CX34-36B + G71MPP-36B-070]

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

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

COOLING CAPACITY - XC13-024 TXV System with [CR33-24A/B-F]

63°F (17°C)	700	330	23.6	6.9	1.40	.77	.91	1.00	22.4	6.6	1.60	.79	.93	1.00	21.2	6.2	1.83	.81	.96	1.00	19.8	5.8	2.08	.84	.99	1.00
	800	380	24.4	7.2	1.41	.80	.95	1.00	23.0	6.7	1.61	.82	.97	1.00	21.8	6.4	1.83	.85	.99	1.00	20.4	6.0	2.09	.88	1.00	1.00
	900	425	25.0	7.3	1.41	.83	.98	1.00	23.6	6.9	1.61	.85	1.00	1.00	22.4	6.6	1.84	.88	1.00	1.00	21.0	6.2	2.10	.92	1.00	1.00
67°F (19°C)	700	330	25.0	7.3	1.41	.61	.75	.88	23.8	7.0	1.61	.63	.76	.90	22.4	6.6	1.84	.64	.79	.93	21.0	6.2	2.09	.65	.81	.96
	800	380	25.6	7.5	1.42	.63	.78	.92	24.4	7.2	1.62	.65	.80	.94	23.0	6.7	1.84	.66	.82	.97	21.4	6.3	2.10	.68	.85	1.00
	900	425	26.2	7.7	1.42	.65	.81	.96	24.8	7.3	1.62	.67	.83	.98	23.2	6.8	1.84	.68	.86	1.00	21.8	6.4	2.10	.71	.90	1.00
71°F (22°C)	700	330	26.2	7.7	1.42	.47	.60	.72	25.0	7.3	1.62	.48	.61	.74	23.6	6.9	1.85	.48	.63	.76	22.0	6.4	2.11	.49	.64	.79
	800	380	27.0	7.9	1.43	.48	.62	.76	25.6	7.5	1.63	.49	.63	.78	24.2	7.1	1.86	.49	.65	.80	22.6	6.6	2.11	.50	.67	.83
	900	425	27.6	8.1	1.43	.49	.64	.79	26.2	7.7	1.63	.50	.66	.81	24.6	7.2	1.86	.51	.67	.84	22.8	6.7	2.12	.52	.70	.86

COOLING CAPACITY - XC13-024 RFC System with [CR33-24A/B-F]

63°F (17°C)	700	330	23.6	6.9	1.40	.77	.91	1.00	22.4	6.6	1.59	.79	.94	1.00	21.0	6.2	1.82	.81	.97	1.00	19.6	5.7	2.07	.84	.99	1.00
	800	380	24.2	7.1	1.40	.80	.95	1.00	23.0	6.7	1.60	.82	.98	1.00	21.6	6.3	1.82	.85	1.00	1.00	20.2	5.9	2.08	.88	1.00	1.00
	900	425	24.8	7.3	1.41	.84	.99	1.00	23.4	6.9	1.60	.86	1.00	1.00	22.2	6.5	1.83	.89	1.00	1.00	20.8	6.1	2.08	.92	1.00	1.00
67°F (19°C)	700	330	25.0	7.3	1.41	.61	.75	.88	23.6	6.9	1.60	.62	.77	.90	22.2	6.5	1.83	.64	.79	.93	20.8	6.1	2.09	.65	.82	.97
	800	380	25.6	7.5	1.41	.63	.78	.92	24.2	7.1	1.61	.65	.80	.95	22.8	6.7	1.84	.66	.83	.98	21.2	6.2	2.09	.68	.86	1.00
	900	425	26.0	7.6	1.42	.65	.81	.96	24.6	7.2	1.62	.67	.84	.99	23.2	6.8	1.84	.69	.87	1.00	21.6	6.3	2.09	.71	.90	1.00
71°F (22°C)	700	330	26.2	7.7	1.42	.47	.60	.72	24.8	7.3	1.62	.47	.61	.74	23.4	6.9	1.84	.48	.63	.77	21.8	6.4	2.10	.49	.64	.79
	800	380	26.8	7.9	1.42	.48	.62	.76	25.6	7.5	1.62	.48	.63	.78	24.0	7.0	1.85	.49	.65	.80	22.4	6.6	2.10	.50	.67	.84
	900	425	27.4	8.0	1.43	.49	.64	.79	26.0	7.6	1.63	.49	.66	.82	24.4	7.2	1.85	.50	.68	.84	22.8	6.7	2.11	.51	.70	.88

COOLING CAPACITY - XC13-024 TXV System with [CR33-30/36A/B-F]

63°F (17°C)	700	330	24.0	7.0	1.41	.77	.92	1.00	22.8	6.7	1.60	.79	.94	1.00	21.6	6.3	1.83	.81	.97	1.00	20.2	5.9	2.09	.84	1.00	1.00
	800	380	24.8	7.3	1.41	.81	.96	1.00	23.4	6.9	1.61	.83	.98	1.00	22.2	6.5	1.83	.85	1.00	1.00	20.8	6.1	2.09	.89	1.00	1.00
	900	425	25.4	7.4	1.41	.84	.99	1.00	24.0	7.0	1.61	.86	1.00	1.00	22.8	6.7	1.84	.89	1.00	1.00	21.4	6.3	2.10	.93	1.00	1.00
67°F (19°C)	700	330	25.4	7.4	1.41	.61	.75	.88	24.2	7.1	1.62	.63	.77	.91	22.8	6.7	1.84	.64	.79	.94	21.2	6.2	2.10	.66	.82	.97
	800	380	26.2	7.7	1.42	.64	.78	.93	24.8	7.3	1.62	.65	.81	.96	23.2	6.8	1.85	.66	.83	.99	21.6	6.3	2.10	.68	.86	1.00
	900	425	26.6	7.8	1.42	.66	.82	.97	25.2	7.4	1.63	.67	.84	.99	23.6	6.9	1.85	.69	.87	1.00	22.0	6.4	2.10	.71	.91	1.00
71°F (22°C)	700	330	26.8	7.9	1.42	.47	.60	.73	25.4	7.4	1.62	.47	.61	.75	24.0	7.0	1.85	.48	.63	.77	22.4	6.6	2.11	.49	.64	.80
	800	380	27.4	8.0	1.43	.48	.62	.76	26.0	7.6	1.63	.48	.64	.78	24.6	7.2	1.86	.49	.65	.81	22.8	6.7	2.12	.50	.67	.84
	900	425	28.0	8.2	1.44	.49	.64	.80	26.6	7.8	1.64	.50	.66	.82	25.0	7.3	1.86	.51	.68	.85	23.2	6.8	2.12	.52	.71	.89

COOLING CAPACITY - XC13-024 RFC System with [CR33-30/36A/B-F]

63°F (17°C)	700	330	24.0	7.0	1.40	.78	.92	1.00	22.6	6.6	1.60	.80	.95	1.00	21.4	6.3	1.82	.82	.97	1.00	19.9	5.8	2.07	.85	1.00	1.00
	800	380	24.6	7.2	1.41	.81	.96	1.00	23.4	6.9	1.60	.83	.99	1.00	22.0	6.4	1.83	.86	1.00	1.00	20.6	6.0	2.08	.89	1.00	1.00
	900	425	25.2	7.4	1.41	.84	1.00	1.00	24.0	7.0	1.61	.87	1.00	1.00	22.6	6.6	1.83	.90	1.00	1.00	21.2	6.2	2.09	.93	1.00	1.00
67°F (19°C)	700	330	25.2	7.4	1.41	.61	.75	.89	24.0	7.0	1.61	.63	.77	.91	22.6	6.6	1.83	.64	.79	.94	21.0	6.2	2.08	.66	.82	.98
	800	380	26.0	7.6	1.41	.64	.79	.93	24.6	7.2	1.61	.65	.81	.96	23.0	6.7	1.84	.67	.84	.99	21.4	6.3	2.09	.69	.87	1.00
	900	425	26.4	7.7	1.42	.66	.82	.97	25.0	7.3	1.62	.67	.85	1.00	23.4	6.9	1.84	.69	.88	1.00	21.8	6.4	2.10	.72	.91	1.00
71°F (22°C)	700	330	26.6	7.8	1.42	.47	.60	.73	25.2	7.4	1.62	.47	.61	.75	23.8	7.0	1.85	.48	.63	.77	22.2	6.5	2.10	.49	.65	.80
	800	380	27.4	8.0	1.43	.48	.62	.76	25.8	7.6	1.63	.48	.64	.79	24.4	7.2	1.85	.49	.65	.81	22.6	6.6	2.10	.50	.68	.85
	900	425	27.8	8.1	1.43	.49	.65	.80	26.4	7.7	1.63	.50	.66	.83	24.8	7.3	1.86	.51	.68	.85	23.0	6.7	2.11	.52	.71	.89

DOWN-FLOW INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - XC13-024 TXV System with [CR33-24B-F + G61MPV-36B-(all)]

63°F (17°C)	840	395	24.4	7.2	1.41	.81	.96	1.00	23.2	6.8	1.61	.83	.98	1.00	22.0	6.4	1.83	.85	1.00	1.00	20.6	6.0	2.09	.88	1.00	1.00
	945	445	25.0	7.3	1.41	.84	.99	1.00	23.8	7.0	1.61	.86	1.00	1.00	22.6	6.6	1.84	.89	1.00	1.00	21.2	6.2	2.10	.93	1.00	1.00
67°F (19°C)	840	395	25.8	7.6	1.42	.63	.78	.93	24.4	7.2	1.62	.65	.81	.95	23.0	6.7	1.84	.66	.83	.98	21.4	6.3	2.10	.68	.86	1.00
	945	445	26.4	7.7	1.42	.66	.82	.97	25.0	7.3	1.62	.67	.84	.99	23.4	6.9	1.84	.69	.87	1.00	21.8	6.4	2.10	.71	.91	1.00
71°F (22°C)	840	395	27.2	8.0	1.43	.48	.62	.76	25.8	7.6	1.63	.48	.64	.78	24.2	7.1	1.86	.49	.65	.81	22.6	6.6	2.11	.50	.67	.84
	945	445	27.6	8.1	1.43	.49	.65	.80	26.2	7.7	1.63	.50	.66	.82	24.6	7.2	1.86	.50	.68	.85	23.0	6.7	2.12	.51	.70	.88

COOLING CAPACITY - XC13-024 RFC System with [CR33-24B-F + G61MPV-36B-(all)]

63°F (17°C)	840	395	24.4	7.2	1.40	.81	.96	1.00	23.0	6.7	1.60	.83	.99	1.00	21.8	6.4	1.82	.86	1.00	1.00	20.4	6.0	2.08	.89	1.00	1.00
	945	445	25.0	7.3	1.41	.84	.99	1.00	23.6	6.9	1.61	.87	1.00	1.00	22.4	6.6	1.83	.90	1.00	1.00	21.0	6.2	2.09	.93	1.00	1.00
67°F (19°C)	840	395	25.6	7.5	1.41	.63	.79	.93	24.4	7.2	1.61	.65	.81	.96	22.8	6.7	1.84	.66	.83	.99	21.2	6.2	2.09	.68	.87	1.00
	945	445	26.2	7.7	1.42	.66	.82	.97	24.8	7.3	1.62	.67	.85	.99	23.2	6.8	1.84	.69	.88	1.00	21.6	6.3	2.09	.71	.91	1.00
71°F (22°C)	840	395	27.0	7.9	1.42	.47	.62	.76	25.6	7.5	1.62	.48	.63	.79	24.0	7.0	1.85	.49	.65	.81	22.4	6.6	2.10	.50	.67	.84
	945	445	27.6	8.1	1.43	.49	.65	.80	26.0	7.6	1.63	.49	.66	.82	24.6	7.2	1.85	.50	.68	.85	22.8	6.7	2.11	.51	.71	.89

COOLING CAPACITY - XC13-024 TXV System with [CR33-24B-F + G71MPP-36B-070]

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

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
COOLING CAPACITY - XC13-024 RFC System with [CR33-24B-F + G71MPP-36B-070]																										
63°F (17°C)	830	390	24.2	7.1	1.40	.80	.96	1.00	23.0	6.7	1.60	.83	.98	1.00	21.6	6.3	1.82	.85	1.00	1.00	20.4	6.0	2.08	.88	1.00	1.00
930	440	24.8	7.3	1.41	.84	.99	1.00	23.4	6.9	1.60	.86	1.00	1.00	22.2	6.5	1.83	.89	1.00	1.00	21.0	6.2	2.08	.93	1.00	1.00	
67°F (19°C)	830	390	25.6	7.5	1.41	.63	.78	.93	24.2	7.1	1.61	.64	.80	.95	22.8	6.7	1.83	.66	.83	.98	21.2	6.2	2.09	.68	.86	1.00
930	440	26.2	7.7	1.42	.65	.82	.97	24.8	7.3	1.62	.67	.84	.99	23.2	6.8	1.84	.68	.87	1.00	21.6	6.3	2.09	.71	.90	1.00	
71°F (22°C)	830	390	27.0	7.9	1.42	.47	.62	.76	25.6	7.5	1.62	.48	.63	.78	24.0	7.0	1.85	.48	.65	.81	22.4	6.6	2.10	.49	.67	.84
930	440	27.4	8.0	1.43	.48	.64	.79	26.0	7.6	1.63	.49	.66	.82	24.4	7.2	1.85	.50	.67	.85	22.8	6.7	2.11	.51	.70	.89	
COOLING CAPACITY - XC13-024 RFC System with [CR33-30/36A-F + G71MPP-36B-070]																										
63°F (17°C)	830	390	24.8	7.3	1.41	.81	.97	1.00	23.4	6.9	1.60	.83	.99	1.00	22.0	6.4	1.82	.86	1.00	1.00	20.8	6.1	2.08	.90	1.00	1.00
930	440	25.2	7.4	1.41	.85	1.00	1.00	24.0	7.0	1.61	.87	1.00	1.00	22.8	6.7	1.83	.90	1.00	1.00	21.2	6.2	2.09	.94	1.00	1.00	
67°F (19°C)	830	390	26.0	7.6	1.41	.63	.79	.94	24.6	7.2	1.61	.65	.81	.97	23.2	6.8	1.84	.66	.84	.99	21.4	6.3	2.09	.69	.87	1.00
930	440	26.6	7.8	1.42	.66	.82	.98	25.0	7.3	1.62	.67	.85	1.00	23.4	6.9	1.84	.69	.88	1.00	21.8	6.4	2.10	.71	.92	1.00	
71°F (22°C)	830	390	27.4	8.0	1.43	.47	.62	.77	26.0	7.6	1.63	.48	.64	.79	24.4	7.2	1.85	.49	.65	.82	22.6	6.6	2.11	.50	.68	.85
930	440	28.0	8.2	1.43	.48	.64	.80	26.4	7.7	1.63	.49	.66	.83	24.8	7.3	1.86	.50	.68	.86	23.0	6.7	2.11	.51	.71	.90	
COOLING CAPACITY - 14ACX-024 with [CR33-30/36B-F + G60DFV-36B-090]																										
63°F (17°C)	920	435	25.4	7.4	1.41	.84	.99	1.00	24.0	7.0	1.61	.86	1.00	1.00	22.8	6.7	1.84	.89	1.00	1.00	21.4	6.3	2.10	.92	1.00	1.00
1040	490	26.0	7.6	1.42	.88	1.00	1.00	24.8	7.3	1.62	.90	1.00	1.00	23.6	6.9	1.85	.93	1.00	1.00	22.0	6.4	2.11	.97	1.00	1.00	
67°F (19°C)	920	435	26.6	7.8	1.42	.65	.82	.97	25.2	7.4	1.62	.66	.84	.99	23.6	6.9	1.85	.68	.87	1.00	22.0	6.4	2.10	.70	.90	1.00
1040	490	27.2	8.0	1.43	.67	.85	1.00	25.6	7.5	1.63	.69	.88	1.00	24.0	7.0	1.85	.71	.91	1.00	22.4	6.6	2.11	.74	.95	1.00	
71°F (22°C)	920	435	28.0	8.2	1.44	.48	.64	.79	26.6	7.8	1.64	.49	.65	.82	25.0	7.3	1.86	.50	.67	.85	23.2	6.8	2.12	.51	.70	.88
1040	490	28.6	8.4	1.44	.49	.67	.83	27.0	7.9	1.64	.50	.68	.86	25.4	7.4	1.87	.51	.70	.89	23.6	6.9	2.13	.52	.73	.93	
COOLING CAPACITY - XC13-024 RFC System with [CR33-30/36B-F + G60DFV-36B-090]																										
63°F (17°C)	920	435	25.2	7.4	1.41	.84	1.00	1.00	24.0	7.0	1.61	.86	1.00	1.00	22.6	6.6	1.83	.89	1.00	1.00	21.2	6.2	2.09	.93	1.00	1.00
1040	490	25.8	7.6	1.42	.88	1.00	1.00	24.6	7.2	1.61	.91	1.00	1.00	23.4	6.9	1.84	.94	1.00	1.00	21.8	6.4	2.10	.97	1.00	1.00	
67°F (19°C)	920	435	26.4	7.7	1.42	.65	.82	.97	25.0	7.3	1.62	.67	.84	1.00	23.4	6.9	1.84	.68	.87	1.00	21.8	6.4	2.10	.71	.91	1.00
1040	490	27.0	7.9	1.42	.68	.86	1.00	25.4	7.4	1.62	.69	.89	1.00	23.8	7.0	1.85	.71	.92	1.00	22.2	6.5	2.10	.74	.96	1.00	
71°F (22°C)	920	435	27.8	8.1	1.43	.48	.64	.80	26.4	7.7	1.63	.49	.66	.82	24.8	7.3	1.86	.49	.68	.85	23.0	6.7	2.11	.51	.70	.89
1040	490	28.4	8.3	1.44	.49	.67	.84	26.8	7.9	1.64	.50	.68	.87	25.2	7.4	1.86	.51	.71	.90	23.4	6.9	2.12	.52	.73	.94	
COOLING CAPACITY - XC13-024 TXV System with [CR33-30/36B-F + G61MPV-36B-(all)]																										
63°F (17°C)	840	395	24.8	7.3	1.41	.81	.97	1.00	23.6	6.9	1.61	.83	.99	1.00	22.2	6.5	1.83	.86	1.00	1.00	21.0	6.2	2.10	.89	1.00	1.00
945	445	25.4	7.4	1.41	.85	1.00	1.00	24.2	7.1	1.62	.87	1.00	1.00	23.0	6.7	1.84	.90	1.00	1.00	21.6	6.3	2.10	.94	1.00	1.00	
67°F (19°C)	840	395	26.2	7.7	1.42	.63	.79	.94	25.0	7.3	1.62	.65	.81	.97	23.4	6.9	1.84	.66	.84	.99	21.8	6.4	2.11	.69	.87	1.00
945	445	26.8	7.9	1.42	.66	.83	.98	25.4	7.4	1.62	.67	.85	1.00	23.8	7.0	1.85	.69	.88	1.00	22.2	6.5	2.11	.72	.92	1.00	
71°F (22°C)	840	395	27.6	8.1	1.43	.47	.62	.77	26.2	7.7	1.63	.48	.64	.79	24.6	7.2	1.86	.49	.65	.82	23.0	6.7	2.11	.49	.68	.85
945	445	28.2	8.3	1.44	.49	.65	.81	26.6	7.8	1.64	.49	.66	.83	25.0	7.3	1.87	.50	.68	.86	23.4	6.9	2.12	.51	.71	.90	
COOLING CAPACITY - XC13-024 RFC System with [CR33-30/36B-F + G61MPV-36B-(all)]																										
63°F (17°C)	840	395	24.8	7.3	1.41	.82	.97	1.00	23.4	6.9	1.60	.84	1.00	1.00	22.2	6.5	1.83	.87	1.00	1.00	20.8	6.1	2.08	.90	1.00	1.00
945	445	25.4	7.4	1.41	.85	1.00	1.00	24.2	7.1	1.61	.88	1.00	1.00	22.8	6.7	1.83	.91	1.00	1.00	21.4	6.3	2.09	.94	1.00	1.00	
67°F (19°C)	840	395	26.0	7.6	1.42	.64	.79	.94	24.6	7.2	1.62	.65	.82	.97	23.2	6.8	1.84	.67	.84	1.00	21.4	6.3	2.09	.69	.88	1.00
945	445	26.6	7.8	1.42	.66	.83	.98	25.2	7.4	1.62	.68	.86	1.00	23.6	6.9	1.84	.70	.89	1.00	21.8	6.4	2.10	.72	.92	1.00	
71°F (22°C)	840	395	27.4	8.0	1.43	.47	.62	.77	26.0	7.6	1.63	.48	.64	.79	24.4	7.2	1.85	.49	.66	.82	22.6	6.6	2.11	.50	.68	.86
945	445	28.0	8.2	1.43	.49	.65	.81	26.6	7.8	1.63	.49	.67	.84	24.8	7.3	1.86	.50	.69	.87	23.0	6.7	2.11	.51	.71	.90	
COOLING CAPACITY - XC13-024 TXV or RFC System with [CR33-30/36B-F + G71MPP-36B-070]																										
63°F (17°C)	830	390	24.8	7.3	1.41	.81	.96	1.00	23.6	6.9	1.61	.83	.99	1.00	22.2	6.5	1.83	.86	1.00	1.00	20.8	6.1	2.09	.89	1.00	1.00
930	440	25.4	7.4	1.41	.84	1.00	1.00	24.2	7.1	1.61	.86	1.00	1.00	23.0	6.7	1.84	.90	1.00	1.00	21.4	6.3	2.10	.93	1.00	1.00	
67°F (19°C)	830	390	26.2	7.7	1.42	.63	.79	.93	24.8	7.3	1.62	.65	.81	.96	23.4	6.9	1.85	.66	.83	.99	21.6	6.3	2.10	.68	.87	1.00
930	440	26.8	7.9	1.42	.65	.82	.97	25.2	7.4	1.63	.67	.84	1.00	23.8	7.0	1.85	.69	.88	1.00	22.0	6.4	2.10	.71	.91	1.00	
71°F (22°C)	830	390	27.6	8.1	1.43	.47	.62	.76	26.2	7.7	1.63	.48	.63	.79	24.6	7.2	1.86	.49	.65	.81	22.8	6.7	2.12	.49	.67	.85
930	440	28.2	8.3	1.44	.48	.64	.80	26.6	7.8	1.64	.49	.66	.82	25.0	7.3	1.87	.50	.68	.85	23.2	6.8	2.12	.51	.70	.89	

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

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)					
	cfm	L/s	Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW 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

COOLING CAPACITY - XC13-024 TXV System with [CH23-41]

63°F (17°C)	700	330	23.6	6.9	1.40	.76	.90	1.00	22.4	6.6	1.60	.78	.92	1.00	21.2	6.2	1.83	.80	.95	1.00	19.8	5.8	2.08	.83	.98	1.00
	800	380	24.2	7.1	1.41	.79	.94	1.00	23.0	6.7	1.61	.81	.96	1.00	21.8	6.4	1.83	.84	.99	1.00	20.6	6.0	2.09	.87	1.00	1.00
	900	425	24.8	7.3	1.41	.82	.98	1.00	23.6	6.9	1.61	.84	1.00	1.00	22.4	6.6	1.84	.87	1.00	1.00	21.2	6.2	2.10	.91	1.00	1.00
67°F (19°C)	700	330	25.0	7.3	1.41	.61	.74	.87	23.8	7.0	1.61	.62	.76	.89	22.4	6.6	1.84	.64	.78	.92	21.0	6.2	2.10	.65	.80	.95
	800	380	25.8	7.6	1.42	.63	.77	.91	24.4	7.2	1.62	.64	.79	.93	23.0	6.7	1.84	.66	.81	.97	21.4	6.3	2.10	.68	.84	1.00
	900	425	26.4	7.7	1.42	.65	.80	.95	25.0	7.3	1.62	.66	.82	.97	23.4	6.9	1.85	.68	.85	1.00	21.8	6.4	2.10	.70	.88	1.00
71°F (22°C)	700	330	26.4	7.7	1.42	.47	.60	.72	25.2	7.4	1.62	.48	.61	.73	23.6	6.9	1.85	.48	.62	.75	22.2	6.5	2.11	.49	.64	.78
	800	380	27.2	8.0	1.43	.48	.62	.75	25.8	7.6	1.63	.49	.63	.77	24.4	7.2	1.86	.50	.64	.79	22.6	6.6	2.12	.50	.67	.82
	900	425	27.8	8.1	1.43	.49	.64	.78	26.4	7.7	1.64	.50	.65	.80	24.8	7.3	1.86	.50	.67	.83	23.0	6.7	2.12	.52	.69	.86

COOLING CAPACITY - XC13-024 RFC System with [CH23-41]

63°F (17°C)	700	330	23.4	6.9	1.40	.77	.90	1.00	22.4	6.6	1.60	.78	.93	1.00	21.0	6.2	1.82	.81	.96	1.00	19.7	5.8	2.07	.83	.99	1.00
	800	380	24.2	7.1	1.40	.80	.95	1.00	23.0	6.7	1.60	.82	.97	1.00	21.6	6.3	1.82	.84	1.00	1.00	20.4	6.0	2.08	.87	1.00	1.00
	900	425	24.8	7.3	1.41	.83	.98	1.00	23.6	6.9	1.60	.85	1.00	1.00	22.4	6.6	1.83	.88	1.00	1.00	21.0	6.2	2.09	.91	1.00	1.00
67°F (19°C)	700	330	24.8	7.3	1.41	.61	.74	.87	23.8	7.0	1.61	.62	.76	.90	22.4	6.6	1.83	.64	.78	.93	20.8	6.1	2.09	.65	.81	.96
	800	380	25.6	7.5	1.41	.63	.77	.91	24.4	7.2	1.61	.65	.79	.94	23.0	6.7	1.84	.66	.82	.97	21.4	6.3	2.09	.68	.85	1.00
	900	425	26.2	7.7	1.42	.65	.80	.95	24.8	7.3	1.62	.67	.83	.98	23.2	6.8	1.84	.68	.86	1.00	21.6	6.3	2.09	.70	.89	1.00
71°F (22°C)	700	330	26.4	7.7	1.42	.47	.60	.72	25.0	7.3	1.62	.48	.61	.74	23.6	6.9	1.84	.48	.63	.76	22.0	6.4	2.10	.49	.64	.79
	800	380	27.0	7.9	1.42	.48	.62	.75	25.6	7.5	1.63	.49	.63	.77	24.2	7.1	1.85	.49	.65	.80	22.6	6.6	2.10	.50	.67	.83
	900	425	27.6	8.1	1.43	.49	.64	.78	26.2	7.7	1.63	.50	.65	.81	24.6	7.2	1.86	.51	.67	.83	23.0	6.7	2.11	.52	.69	.87

COOLING CAPACITY - XC13-024 TXV System with [CH33-19A-2F]

63°F (17°C)	700	330	23.6	6.9	1.40	.77	.91	1.00	22.4	6.6	1.60	.79	.93	1.00	21.2	6.2	1.82	.81	.96	1.00	19.8	5.8	2.08	.84	.99	1.00
	800	380	24.2	7.1	1.41	.80	.95	1.00	23.0	6.7	1.61	.82	.98	1.00	21.8	6.4	1.83	.84	1.00	1.00	20.4	6.0	2.09	.88	1.00	1.00
	900	425	24.8	7.3	1.41	.83	.99	1.00	23.6	6.9	1.61	.85	1.00	1.00	22.4	6.6	1.84	.88	1.00	1.00	21.0	6.2	2.10	.91	1.00	1.00
67°F (19°C)	700	330	24.8	7.3	1.41	.62	.75	.88	23.6	6.9	1.61	.63	.76	.90	22.2	6.5	1.83	.64	.79	.93	20.8	6.1	2.09	.66	.81	.96
	800	380	25.4	7.4	1.41	.63	.78	.92	24.2	7.1	1.62	.65	.80	.95	22.8	6.7	1.84	.66	.82	.98	21.2	6.2	2.10	.68	.85	1.00
	900	425	26.0	7.6	1.42	.65	.81	.96	24.6	7.2	1.62	.67	.83	.98	23.2	6.8	1.84	.68	.86	1.00	21.6	6.3	2.10	.71	.89	1.00
71°F (22°C)	700	330	25.8	7.6	1.42	.47	.60	.72	24.6	7.2	1.62	.48	.61	.74	23.2	6.8	1.85	.48	.63	.76	21.8	6.4	2.10	.49	.64	.79
	800	380	26.6	7.8	1.42	.48	.62	.76	25.2	7.4	1.62	.49	.64	.78	23.8	7.0	1.85	.50	.65	.80	22.2	6.5	2.11	.50	.67	.83
	900	425	27.2	8.0	1.43	.49	.64	.79	25.8	7.6	1.63	.50	.66	.81	24.2	7.1	1.86	.51	.67	.84	22.6	6.6	2.11	.52	.70	.87

COOLING CAPACITY - XC13-024 RFC System with [CH33-19A-2F]

63°F (17°C)	700	330	23.6	6.9	1.40	.77	.91	1.00	22.4	6.6	1.59	.79	.94	1.00	21.0	6.2	1.82	.81	.97	1.00	19.6	5.7	2.07	.84	1.00	1.00
	800	380	24.2	7.1	1.40	.80	.96	1.00	22.8	6.7	1.60	.82	.98	1.00	21.6	6.3	1.82	.85	1.00	1.00	20.2	5.9	2.08	.88	1.00	1.00
	900	425	24.6	7.2	1.41	.83	.99	1.00	23.4	6.9	1.60	.86	1.00	1.00	22.2	6.5	1.83	.89	1.00	1.00	20.8	6.1	2.09	.92	1.00	1.00
67°F (19°C)	700	330	24.8	7.3	1.41	.62	.75	.88	23.4	6.9	1.60	.63	.77	.91	22.2	6.5	1.83	.64	.79	.94	20.6	6.0	2.08	.66	.82	.97
	800	380	25.4	7.4	1.41	.64	.78	.92	24.2	7.1	1.61	.65	.80	.95	22.6	6.6	1.83	.66	.83	.98	21.2	6.2	2.09	.68	.86	1.00
	900	425	26.0	7.6	1.41	.65	.81	.97	24.6	7.2	1.61	.67	.84	.99	23.2	6.8	1.84	.69	.86	1.00	21.4	6.3	2.09	.71	.90	1.00
71°F (22°C)	700	330	25.8	7.6	1.41	.47	.60	.73	24.4	7.2	1.61	.48	.61	.74	23.2	6.8	1.84	.48	.63	.77	21.6	6.3	2.09	.49	.65	.80
	800	380	26.6	7.8	1.42	.48	.62	.76	25.2	7.4	1.62	.49	.64	.78	23.8	7.0	1.84	.49	.65	.81	22.2	6.5	2.10	.50	.67	.84
	900	425	27.2	8.0	1.42	.49	.64	.79	25.8	7.6	1.63	.50	.66	.81	24.2	7.1	1.85	.51	.68	.84	22.6	6.6	2.10	.52	.70	.88

COOLING CAPACITY - XC13-024 TXV System with [CH33-24/30A-2F]

63°F (17°C)	700	330	23.6	6.9	1.40	.77	.90	1.00	22.4	6.6	1.60	.78	.93	1.00	21.0	6.2	1.82	.81	.96	1.00	19.7	5.8	2.08	.83	.99	1.00
	800	380	24.2	7.1	1.41	.80	.95	1.00	22.8	6.7	1.60	.82	.98	1.00	21.6	6.3	1.83	.84	1.00	1.00	20.2	5.9	2.09	.87	1.00	1.00
	900	425	24.6	7.2	1.41	.82	.98	1.00	23.4	6.9	1.61	.85	1.00	1.00	22.2	6.5	1.83	.87	1.00	1.00	21.0	6.2	2.10	.91	1.00	1.00
67°F (19°C)	700	330	24.6	7.2	1.41	.61	.74	.87	23.4	6.9	1.61	.62	.76	.89	22.2	6.5	1.83	.64	.78	.92	20.8	6.1	2.09	.65	.81	.96
	800	380	25.4	7.4	1.41	.63	.77	.91	24.0	7.0	1.61	.64	.79	.94	22.8	6.7	1.84	.66	.82	.97	21.2	6.2	2.10	.68	.85	1.00
	900	425	25.8	7.6	1.42	.65	.80	.96	24.6	7.2	1.62	.66	.83	.98	23.2	6.8	1.84	.68	.85	1.00	21.6	6.3	2.10	.70	.89	1.00
71°F (22°C)	700	330	25.6	7.5	1.42	.47	.60	.72	24.4	7.2	1.62	.48	.61	.74	23.2	6.8	1.84	.48	.62	.76	21.6	6.3	2.10	.49	.64	.79
	800	380	26.4	7.7	1.42	.48	.62	.75	25.2	7.4	1.62	.49	.63	.77	23.8	7.0	1.85	.49	.65	.80	22.2	6.5	2.11	.50	.67	.83
	900	425	27.0	7.9	1.43	.49	.64	.78	25.6	7.5	1.63	.50	.65	.80	24.2	7.1	1.86	.50	.67	.83	22.6	6.6	2.11	.52	.69	.87

COOLING CAPACITY - XC13-024 RFC System with [CH33-24/30A-2F]

63°F (17°C)	700	330	23.4	6.9	1.40	.77	.91	1.00	22.2	6.5	1.59	.79	.93	1.00	21.0	6.2	1.82	.81	.97	1.00	19.5	5.7	2.07	.84	1.00	1.00
	800	380	24.0	7.0	1.40	.80	.95	1.00	22.8	6.7	1.60	.82	.98	1.00	21.6	6.3	1.82	.85	1.00	1.00	20.2	5.9	2.07	.88	1.00	1.00
	900	425	24.6	7.2	1.40	.83	.99	1.00	23.4	6.9	1.60	.85	1.00	1.00	22.2	6.5	1.83	.88	1.00	1.00	20.8	6.1	2.09	.92	1.00	1.00
67°F (19°C)	700	330	24.6	7.2	1.41	.61	.75	.88	23.4	6.9	1.60	.62	.76	.90	22.0	6.4	1.83	.64	.79	.93	20.6	6.0	2.08			

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

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

COOLING CAPACITY - XC13-024 TXV System with [CH33-25A-2F]

63°F (17°C)	700	330	24.0	7.0	1.41	.77	.91	1.00	22.8	6.7	1.60	.79	.94	1.00	21.4	6.3	1.83	.81	.97	1.00	20.0	5.9	2.08	.84	1.00	1.00
	800	380	24.6	7.2	1.41	.81	.95	1.00	23.4	6.9	1.61	.82	.98	1.00	22.0	6.4	1.83	.85	1.00	1.00	20.6	6.0	2.09	.88	1.00	1.00
	900	425	25.2	7.4	1.41	.83	.99	1.00	23.8	7.0	1.61	.85	1.00	1.00	22.6	6.6	1.84	.88	1.00	1.00	21.2	6.2	2.10	.92	1.00	1.00
67°F (19°C)	700	330	25.4	7.4	1.41	.61	.75	.88	24.0	7.0	1.61	.62	.77	.90	22.6	6.6	1.84	.64	.79	.93	21.2	6.2	2.10	.65	.81	.97
	800	380	26.0	7.6	1.42	.63	.78	.92	24.6	7.2	1.62	.65	.80	.95	23.2	6.8	1.85	.66	.83	.98	21.6	6.3	2.10	.68	.86	1.00
	900	425	26.6	7.8	1.42	.65	.81	.96	25.2	7.4	1.62	.67	.84	.99	23.6	6.9	1.85	.68	.86	1.00	22.0	6.4	2.11	.71	.90	1.00
71°F (22°C)	700	330	26.6	7.8	1.42	.47	.60	.72	25.2	7.4	1.63	.48	.61	.74	23.8	7.0	1.85	.48	.62	.76	22.4	6.6	2.11	.49	.64	.79
	800	380	27.4	8.0	1.43	.48	.62	.76	26.0	7.6	1.63	.49	.63	.78	24.4	7.2	1.86	.49	.65	.80	22.8	6.7	2.12	.50	.67	.83
	900	425	28.0	8.2	1.43	.49	.64	.79	26.4	7.7	1.64	.50	.66	.81	24.8	7.3	1.86	.51	.67	.85	23.2	6.8	2.12	.52	.70	.88

COOLING CAPACITY - XC13-024 RFC System with [CH33-25A-2F]

63°F (17°C)	700	330	23.8	7.0	1.40	.77	.91	1.00	22.6	6.6	1.60	.79	.94	1.00	21.2	6.2	1.82	.81	.97	1.00	19.7	5.8	2.07	.84	1.00	1.00
	800	380	24.6	7.2	1.40	.80	.96	1.00	23.2	6.8	1.60	.83	.99	1.00	21.8	6.4	1.83	.85	1.00	1.00	20.6	6.0	2.08	.89	1.00	1.00
	900	425	25.0	7.3	1.41	.84	1.00	1.00	23.8	7.0	1.60	.86	1.00	1.00	22.6	6.6	1.83	.89	1.00	1.00	21.2	6.2	2.09	.93	1.00	1.00
67°F (19°C)	700	330	25.2	7.4	1.41	.61	.75	.88	24.0	7.0	1.61	.62	.77	.91	22.4	6.6	1.83	.64	.79	.94	21.0	6.2	2.09	.66	.82	.98
	800	380	25.8	7.6	1.41	.63	.78	.93	24.6	7.2	1.61	.65	.80	.96	23.0	6.7	1.84	.66	.83	.99	21.4	6.3	2.09	.68	.86	1.00
	900	425	26.4	7.7	1.42	.65	.82	.97	25.0	7.3	1.62	.67	.84	1.00	23.4	6.9	1.84	.69	.87	1.00	21.8	6.4	2.10	.71	.91	1.00
71°F (22°C)	700	330	26.6	7.8	1.42	.47	.60	.72	25.2	7.4	1.62	.47	.61	.74	23.8	7.0	1.84	.48	.62	.77	22.2	6.5	2.10	.49	.64	.80
	800	380	27.2	8.0	1.42	.48	.62	.76	25.8	7.6	1.63	.48	.63	.78	24.4	7.2	1.85	.49	.65	.81	22.6	6.6	2.11	.50	.67	.84
	900	425	27.8	8.1	1.43	.49	.64	.79	26.4	7.7	1.63	.50	.66	.82	24.8	7.3	1.86	.50	.68	.85	23.0	6.7	2.11	.51	.70	.88

COOLING CAPACITY - XC13-024 TXV System with [CH33-25B-2F]

63°F (17°C)	700	330	24.0	7.0	1.41	.78	.92	1.00	22.8	6.7	1.60	.79	.94	1.00	21.4	6.3	1.83	.82	.97	1.00	20.0	5.9	2.08	.84	1.00	1.00
	800	380	24.6	7.2	1.41	.81	.96	1.00	23.4	6.9	1.61	.83	.99	1.00	22.0	6.4	1.83	.85	1.00	1.00	20.8	6.1	2.09	.89	1.00	1.00
	900	425	25.2	7.4	1.41	.84	1.00	1.00	24.0	7.0	1.61	.86	1.00	1.00	22.8	6.7	1.84	.89	1.00	1.00	21.4	6.3	2.10	.93	1.00	1.00
67°F (19°C)	700	330	25.2	7.4	1.41	.62	.75	.88	23.8	7.0	1.61	.63	.77	.91	22.4	6.6	1.84	.64	.79	.94	21.0	6.2	2.10	.66	.82	.98
	800	380	25.8	7.6	1.42	.64	.79	.93	24.6	7.2	1.62	.65	.81	.96	23.0	6.7	1.84	.67	.83	.99	21.4	6.3	2.10	.69	.87	1.00
	900	425	26.4	7.7	1.42	.66	.82	.97	25.0	7.3	1.62	.67	.84	1.00	23.6	6.9	1.85	.69	.87	1.00	22.0	6.4	2.11	.71	.91	1.00
71°F (22°C)	700	330	26.2	7.7	1.42	.48	.61	.73	24.8	7.3	1.62	.48	.62	.75	23.4	6.9	1.85	.49	.63	.77	22.0	6.4	2.11	.49	.65	.80
	800	380	27.0	7.9	1.42	.48	.63	.76	25.6	7.5	1.63	.49	.64	.79	24.2	7.1	1.86	.50	.66	.81	22.6	6.6	2.11	.51	.68	.84
	900	425	27.6	8.1	1.43	.50	.65	.80	26.2	7.7	1.63	.50	.66	.82	24.6	7.2	1.86	.51	.68	.85	23.0	6.7	2.12	.52	.71	.89

COOLING CAPACITY - XC13-024 RFC System with [CH33-25B-2F]

63°F (17°C)	700	330	23.8	7.0	1.40	.78	.92	1.00	22.6	6.6	1.60	.80	.95	1.00	21.2	6.2	1.82	.82	.98	1.00	19.9	5.8	2.07	.85	1.00	1.00
	800	380	24.4	7.2	1.40	.81	.97	1.00	23.2	6.8	1.60	.83	.99	1.00	22.0	6.4	1.83	.86	1.00	1.00	20.6	6.0	2.08	.89	1.00	1.00
	900	425	25.2	7.4	1.41	.84	1.00	1.00	23.8	7.0	1.61	.87	1.00	1.00	22.6	6.6	1.83	.90	1.00	1.00	21.2	6.2	2.09	.94	1.00	1.00
67°F (19°C)	700	330	25.0	7.3	1.41	.62	.76	.89	23.8	7.0	1.61	.63	.77	.92	22.4	6.6	1.83	.64	.80	.95	20.8	6.1	2.09	.66	.83	.98
	800	380	25.8	7.6	1.41	.64	.79	.94	24.4	7.2	1.61	.65	.81	.97	23.0	6.7	1.84	.67	.84	.99	21.4	6.3	2.09	.69	.87	1.00
	900	425	26.4	7.7	1.42	.66	.82	.98	25.0	7.3	1.62	.68	.85	1.00	23.4	6.9	1.84	.69	.88	1.00	21.8	6.4	2.09	.72	.92	1.00
71°F (22°C)	700	330	26.0	7.6	1.42	.47	.61	.73	24.8	7.3	1.62	.48	.62	.75	23.4	6.9	1.84	.48	.63	.78	21.8	6.4	2.10	.49	.65	.80
	800	380	26.8	7.9	1.42	.48	.63	.77	25.4	7.4	1.62	.49	.64	.79	24.0	7.0	1.85	.50	.66	.82	22.4	6.6	2.10	.51	.68	.85
	900	425	27.4	8.0	1.43	.49	.65	.80	26.0	7.6	1.63	.50	.67	.83	24.6	7.2	1.85	.51	.69	.86	22.8	6.7	2.11	.52	.71	.89

COOLING CAPACITY - XC13-024 TXV System with [CH33-31A/B-2F]

63°F (17°C)	700	330	24.4	7.2	1.41	.78	.92	1.00	23.0	6.7	1.61	.80	.95	1.00	21.8	6.4	1.83	.82	.98	1.00	20.2	5.9	2.09	.85	1.00	1.00
	800	380	25.0	7.3	1.41	.81	.97	1.00	23.6	6.9	1.61	.83	.99	1.00	22.4	6.6	1.84	.86	1.00	1.00	21.0	6.2	2.10	.89	1.00	1.00
	900	425	25.6	7.5	1.41	.85	1.00	1.00	24.4	7.2	1.62	.87	1.00	1.00	23.2	6.8	1.84	.90	1.00	1.00	21.8	6.4	2.10	.94	1.00	1.00
67°F (19°C)	700	330	25.8	7.6	1.42	.62	.75	.89	24.4	7.2	1.62	.63	.77	.91	23.0	6.7	1.84	.64	.80	.95	21.4	6.3	2.10	.66	.82	.98
	800	380	26.4	7.7	1.42	.64	.79	.94	25.0	7.3	1.62	.65	.81	.97	23.4	6.9	1.85	.67	.84	1.00	21.8	6.4	2.10	.69	.87	1.00
	900	425	27.0	7.9	1.43	.66	.83	.98	25.4	7.4	1.63	.67	.85	1.00	24.0	7.0	1.85	.70	.88	1.00	22.2	6.5	2.11	.72	.92	1.00
71°F (22°C)	700	330	27.0	7.9	1.43	.47	.60	.73	25.6	7.5	1.63	.48	.61	.75	24.2	7.1	1.85	.48	.63	.77	22.6	6.6	2.12	.49	.65	.80
	800	380	27.8	8.1	1.43	.48	.63	.77	26.4	7.7	1.64	.49	.64	.79	24.8	7.3	1.86	.50	.66	.81	23.0	6.7	2.12	.50	.68	.85
	900	425	28.4	8.3	1.44	.49	.65	.80	26.8	7.9	1.64	.50	.67	.83	25.2	7.4	1.87	.51	.69	.86	23.4	6.9	2.12	.52	.71	.89

COOLING CAPACITY - XC13-024 RFC System with [CH33-31A/B-2F]

63°F (17°C)	700	330	24.2	7.1	1.40	.78	.93	1.00	22.8	6.7	1.60	.80	.95	1.00	21.6	6.3	1.82	.82	.98	1.00	20.2	5.9	2.07	.85	1.00	1.00
	800	380	24.8	7.3	1.41	.82	.97	1.00	23.6	6.9	1.61	.84	1.00	1.00	22.2	6.5	1.83	.86	1.00	1.00	20.8	6.1	2.08	.90	1.00	1.00
	900	425	25.4	7.4	1.41	.85	1.00	1.00	24.2	7.1	1.61	.87	1.00	1.00	23.0	6.7	1.84	.91	1.00	1.00	21.6	6.3	2.09	.95	1.00	1.00
67°F (19°C)	700	330	25.6	7.5	1.41	.62	.75	.89	24.2	7.1	1.61	.63	.77	.92	22.8	6.7	1.83	.64	.80	.95	21.2	6.				

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

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)					
	cfm	L/s	Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW 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

COOLING CAPACITY - XC13-024 TXV System with [CH33-36A/B-2F]

63°F (17°C)	700	330	23.8	7.0	1.40	.76	.90	1.00	22.6	6.6	1.60	.78	.92	1.00	21.2	6.2	1.83	.80	.96	1.00	19.8	5.8	2.08	.83	.99	1.00
	800	380	24.4	7.2	1.41	.80	.94	1.00	23.0	6.7	1.60	.81	.97	1.00	21.8	6.4	1.83	.84	.99	1.00	20.4	6.0	2.09	.87	1.00	1.00
	900	425	24.8	7.3	1.41	.82	.98	1.00	23.6	6.9	1.61	.84	1.00	1.00	22.2	6.5	1.83	.87	1.00	1.00	21.0	6.2	2.10	.91	1.00	1.00
67°F (19°C)	700	330	25.2	7.4	1.41	.61	.74	.87	23.8	7.0	1.61	.62	.76	.89	22.4	6.6	1.84	.63	.78	.92	21.0	6.2	2.10	.65	.80	.96
	800	380	25.8	7.6	1.42	.63	.77	.91	24.4	7.2	1.62	.64	.79	.94	23.0	6.7	1.84	.65	.81	.97	21.4	6.3	2.10	.67	.84	1.00
	900	425	26.2	7.7	1.42	.65	.80	.95	24.8	7.3	1.62	.66	.82	.98	23.4	6.9	1.85	.68	.85	1.00	21.8	6.4	2.10	.70	.88	1.00
71°F (22°C)	700	330	26.4	7.7	1.42	.47	.59	.71	25.0	7.3	1.62	.47	.61	.73	23.6	6.9	1.85	.48	.62	.75	22.2	6.5	2.11	.49	.64	.78
	800	380	27.2	8.0	1.43	.48	.61	.75	25.6	7.5	1.63	.48	.63	.77	24.2	7.1	1.86	.49	.64	.79	22.6	6.6	2.11	.50	.66	.82
	900	425	27.8	8.1	1.43	.49	.64	.78	26.2	7.7	1.64	.50	.65	.80	24.6	7.2	1.86	.50	.66	.83	23.0	6.7	2.12	.51	.68	.86

COOLING CAPACITY - XC13-024 RFC System with [CH33-36A/B-2F]

63°F (17°C)	700	330	23.6	6.9	1.40	.76	.90	1.00	22.4	6.6	1.60	.78	.93	1.00	21.0	6.2	1.82	.80	.96	1.00	19.6	5.7	2.07	.83	.99	1.00
	800	380	24.2	7.1	1.40	.79	.95	1.00	23.0	6.7	1.60	.81	.97	1.00	21.6	6.3	1.82	.84	1.00	1.00	20.2	5.9	2.08	.87	1.00	1.00
	900	425	24.8	7.3	1.41	.83	.99	1.00	23.4	6.9	1.60	.85	1.00	1.00	22.2	6.5	1.83	.88	1.00	1.00	20.8	6.1	2.09	.91	1.00	1.00
67°F (19°C)	700	330	25.0	7.3	1.41	.61	.74	.87	23.6	6.9	1.61	.62	.76	.90	22.4	6.6	1.83	.63	.78	.93	20.8	6.1	2.08	.65	.81	.97
	800	380	25.6	7.5	1.41	.63	.77	.91	24.2	7.1	1.61	.64	.79	.94	22.8	6.7	1.84	.66	.82	.97	21.2	6.2	2.09	.67	.85	1.00
	900	425	26.2	7.7	1.42	.65	.80	.96	24.8	7.3	1.62	.66	.83	.98	23.2	6.8	1.84	.68	.85	1.00	21.6	6.3	2.09	.70	.89	1.00
71°F (22°C)	700	330	26.4	7.7	1.42	.47	.59	.71	25.0	7.3	1.62	.47	.60	.74	23.6	6.9	1.84	.48	.62	.76	22.0	6.4	2.10	.48	.64	.78
	800	380	27.0	7.9	1.42	.48	.62	.75	25.6	7.5	1.62	.48	.63	.77	24.2	7.1	1.85	.49	.64	.79	22.4	6.6	2.11	.50	.66	.83
	900	425	27.6	8.1	1.43	.49	.63	.78	26.2	7.7	1.63	.49	.65	.80	24.6	7.2	1.86	.50	.67	.83	22.8	6.7	2.11	.51	.69	.87

HORIZONTAL INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - XC13-024 TXV System with [CH33-19A-2F + G60UHV-36A-070]

63°F (17°C)	830	390	24.2	7.1	1.40	.80	.96	1.00	23.0	6.7	1.60	.83	.99	1.00	21.6	6.3	1.82	.85	1.00	1.00	20.4	6.0	2.08	.89	1.00	1.00
	915	430	24.6	7.2	1.41	.83	.99	1.00	23.4	6.9	1.60	.86	1.00	1.00	22.2	6.5	1.83	.88	1.00	1.00	20.8	6.1	2.08	.92	1.00	1.00
	830	390	25.4	7.4	1.41	.63	.78	.93	24.2	7.1	1.61	.65	.80	.96	22.8	6.7	1.84	.66	.83	.99	21.2	6.2	2.09	.68	.86	1.00
67°F (19°C)	915	430	26.0	7.6	1.41	.65	.81	.97	24.6	7.2	1.61	.66	.83	.99	23.2	6.8	1.84	.68	.86	1.00	21.4	6.3	2.09	.70	.90	1.00
	830	390	26.6	7.8	1.42	.47	.62	.76	25.2	7.4	1.62	.48	.63	.78	23.8	7.0	1.85	.49	.65	.81	22.2	6.5	2.10	.50	.67	.84
	915	430	27.2	8.0	1.42	.48	.64	.79	25.6	7.5	1.63	.49	.65	.81	24.2	7.1	1.85	.50	.67	.84	22.6	6.6	2.10	.51	.69	.88

COOLING CAPACITY - XC13-024 RFC System with [CH33-19A-2F + G60UHV-36A-070]

63°F (17°C)	830	390	24.4	7.2	1.41	.80	.96	1.00	23.0	6.7	1.61	.82	.98	1.00	21.8	6.4	1.83	.85	1.00	1.00	20.4	6.0	2.09	.88	1.00	1.00
	915	430	24.8	7.3	1.41	.83	.98	1.00	23.4	6.9	1.61	.85	1.00	1.00	22.4	6.6	1.83	.88	1.00	1.00	21.0	6.2	2.10	.91	1.00	1.00
	830	390	25.6	7.5	1.41	.63	.78	.92	24.2	7.1	1.62	.64	.80	.95	22.8	6.7	1.84	.66	.82	.98	21.4	6.3	2.10	.68	.86	1.00
67°F (19°C)	915	430	26.0	7.6	1.42	.65	.80	.96	24.6	7.2	1.62	.66	.83	.98	23.2	6.8	1.84	.68	.85	1.00	21.6	6.3	2.10	.70	.89	1.00
	830	390	26.6	7.8	1.42	.48	.62	.76	25.2	7.4	1.63	.48	.63	.78	23.8	7.0	1.85	.49	.65	.80	22.2	6.5	2.11	.50	.67	.83
	915	430	27.2	8.0	1.43	.48	.64	.78	25.8	7.6	1.63	.49	.65	.81	24.2	7.1	1.86	.50	.67	.83	22.6	6.6	2.11	.51	.69	.87

COOLING CAPACITY - XC13-024 TXV System with [CH33-24/30A-2F + G60UHV-36A-070]

63°F (17°C)	830	390	24.2	7.1	1.40	.80	.96	1.00	22.8	6.7	1.60	.82	.98	1.00	21.6	6.3	1.82	.85	1.00	1.00	20.2	5.9	2.08	.88	1.00	1.00
	915	430	24.6	7.2	1.40	.83	.99	1.00	23.2	6.8	1.60	.85	1.00	1.00	22.0	6.4	1.83	.88	1.00	1.00	20.8	6.1	2.08	.91	1.00	1.00
	830	390	25.4	7.4	1.41	.63	.78	.92	24.2	7.1	1.61	.64	.80	.95	22.6	6.6	1.83	.66	.83	.98	21.0	6.2	2.09	.68	.86	1.00
67°F (19°C)	915	430	25.8	7.6	1.41	.65	.80	.96	24.4	7.2	1.61	.66	.83	.98	23.0	6.7	1.84	.68	.86	1.00	21.4	6.3	2.09	.70	.89	1.00
	830	390	26.6	7.8	1.42	.47	.62	.76	25.2	7.4	1.62	.48	.63	.78	23.8	7.0	1.84	.49	.65	.80	22.2	6.5	2.10	.50	.67	.84
	915	430	27.0	7.9	1.42	.48	.63	.78	25.6	7.5	1.62	.49	.65	.81	24.2	7.1	1.85	.50	.67	.83	22.4	6.6	2.10	.51	.69	.87

COOLING CAPACITY - XC13-024 RFC System with [CH33-24/30A-2F + G60UHV-36A-070]

63°F (17°C)	830	390	24.2	7.1	1.41	.80	.95	1.00	23.0	6.7	1.61	.82	.98	1.00	21.6	6.3	1.83	.84	1.00	1.00	20.4	6.0	2.09	.87	1.00	1.00
	915	430	24.6	7.2	1.41	.82	.98	1.00	23.4	6.9	1.61	.84	1.00	1.00	22.2	6.5	1.83	.87	1.00	1.00	20.8	6.1	2.09	.90	1.00	1.00
	830	390	25.4	7.4	1.41	.63	.78	.92	24.2	7.1	1.62	.64	.80	.95	22.8	6.7	1.84	.66	.82	.98	21.2	6.2	2.10	.68	.85	1.00
67°F (19°C)	915	430	25.8	7.6	1.42	.65	.80	.95	24.6	7.2	1.62	.66	.82	.98	23.2	6.8	1.84	.67	.85	1.00	21.6	6.3	2.10	.69	.88	1.00
	830	390	26.6	7.8	1.42	.48	.62	.75	25.2	7.4	1.62	.48	.63	.77	23.8	7.0	1.85	.49	.65	.80	22.2	6.5	2.11	.50	.67	.83
	915	430	27.0	7.9	1.43	.48	.63	.78	25.6	7.5	1.63	.49	.65	.80	24.2	7.1	1.86	.50	.66	.83	22.6	6.6	2.11	.51	.69	.86

COOLING CAPACITY - XC13-024 TXV System with [CH33-25A-2F + G60UHV-36A-070]

63°F (17°C)	830	390	24.6	7.2	1.41	.81	.96	1.00	23.4	6.9	1.61	.82	.98	1.00	22.0	6.4	1.83	.85	1.00	1.00	20.8	6.1	2.09	.88	1.00	1.00
	905	425	25.0	7.3	1.41	.83	.99	1.00	23.8	7.0	1.61	.85	1.00	1.00	22.6	6.6	1.84	.87	1.00	1.00	21.2	6.2	2.10	.91	1.00	1.00
	830	390	26.0	7.6	1.42	.63	.78	.93	24.8	7.3	1.62	.64	.80	.96	23.2	6.8	1.84	.66	.82	.99	21.6	6.3	2.10	.67	.86	1.00
67°F (19°C)	905	425	26.4	7.7	1.42	.65	.81	.96	25.0	7.3	1.62	.66	.83	.99	23.6	6.9	1.85	.67	.85	1.00	22.0	6.4	2.11	.70	.89	1.00
	830	390	27.4	8.0	1.43	.47	.62	.76	26.0	7.6	1.63	.48	.63	.78	24.6	7.2	1.86	.48	.65	.80	22.8	6.7	2.11	.49	.66	.84
	905	425	27.8	8.1	1.43	.48	.64	.78	26.4	7.7	1.64	.49	.65	.81	24.8	7.3	1.86	.49	.66	.83						

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

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

COOLING CAPACITY - XC13-024 TXV System with [CH33-25B-2F + G60UHV-36B-090]

63°F (17°C)	825	390	24.6	7.2	1.41	.81	.96	1.00	23.4	6.9	1.61	.83	.99	1.00	22.2	6.5	1.83	.85	1.00	1.00	20.8	6.1	2.09	.88	1.00	1.00
	900	425	25.2	7.4	1.41	.83	.99	1.00	23.8	7.0	1.61	.85	1.00	1.00	22.6	6.6	1.84	.88	1.00	1.00	21.2	6.2	2.10	.92	1.00	1.00
67°F (19°C)	825	390	25.8	7.6	1.42	.63	.79	.93	24.6	7.2	1.62	.65	.81	.96	23.2	6.8	1.84	.66	.83	.99	21.6	6.3	2.10	.68	.86	1.00
	900	425	26.4	7.7	1.42	.65	.81	.96	25.0	7.3	1.62	.66	.83	.99	23.4	6.9	1.85	.68	.86	1.00	21.8	6.4	2.10	.70	.90	1.00
71°F (22°C)	825	390	27.0	7.9	1.43	.48	.62	.76	25.6	7.5	1.63	.48	.64	.78	24.2	7.1	1.86	.49	.65	.81	22.6	6.6	2.11	.50	.67	.84
	900	425	27.4	8.0	1.43	.48	.64	.79	26.0	7.6	1.63	.49	.65	.81	24.6	7.2	1.86	.50	.67	.84	22.8	6.7	2.11	.51	.69	.87

COOLING CAPACITY - XC13-024 RFC System with [CH33-25B-2F + G60UHV-36B-090]

63°F (17°C)	825	390	24.6	7.2	1.40	.81	.97	1.00	23.2	6.8	1.60	.83	1.00	1.00	22.0	6.4	1.83	.86	1.00	1.00	20.6	6.0	2.08	.89	1.00	1.00
	925	435	25.2	7.4	1.41	.85	1.00	1.00	24.0	7.0	1.61	.87	1.00	1.00	22.6	6.6	1.83	.90	1.00	1.00	21.4	6.3	2.09	.94	1.00	1.00
67°F (19°C)	825	390	25.8	7.6	1.41	.64	.79	.94	24.4	7.2	1.61	.65	.81	.97	23.0	6.7	1.84	.67	.84	1.00	21.4	6.3	2.09	.69	.87	1.00
	925	435	26.4	7.7	1.42	.66	.82	.98	25.0	7.3	1.62	.67	.85	1.00	23.4	6.9	1.84	.69	.88	1.00	21.8	6.4	2.09	.71	.92	1.00
71°F (22°C)	825	390	27.0	7.9	1.42	.48	.63	.77	25.6	7.5	1.62	.48	.64	.79	24.0	7.0	1.85	.49	.66	.82	22.4	6.6	2.10	.50	.68	.85
	925	435	27.6	8.1	1.43	.49	.65	.80	26.2	7.7	1.63	.49	.66	.83	24.6	7.2	1.86	.50	.68	.86	22.8	6.7	2.11	.51	.71	.90

COOLING CAPACITY - XC13-024 TXV System with [CH33-25B-2F + G61MPV-36B-045]

63°F (17°C)	840	395	24.8	7.3	1.41	.81	.97	1.00	23.6	6.9	1.61	.83	.99	1.00	22.2	6.5	1.83	.86	1.00	1.00	20.8	6.1	2.10	.89	1.00	1.00
	915	430	25.2	7.4	1.41	.84	1.00	1.00	24.0	7.0	1.61	.86	1.00	1.00	22.8	6.7	1.84	.89	1.00	1.00	21.4	6.3	2.10	.92	1.00	1.00
67°F (19°C)	840	395	26.0	7.6	1.42	.64	.79	.94	24.6	7.2	1.62	.65	.81	.97	23.2	6.8	1.84	.67	.84	.99	21.6	6.3	2.10	.68	.87	1.00
	915	430	26.4	7.7	1.42	.65	.81	.97	25.0	7.3	1.62	.67	.84	.99	23.6	6.9	1.85	.68	.87	1.00	22.0	6.4	2.11	.71	.90	1.00
71°F (22°C)	840	395	27.0	7.9	1.43	.48	.63	.77	25.6	7.5	1.63	.48	.64	.79	24.2	7.1	1.86	.49	.66	.82	22.6	6.6	2.12	.50	.68	.85
	915	430	27.6	8.1	1.43	.49	.64	.79	26.2	7.7	1.63	.49	.66	.82	24.6	7.2	1.86	.50	.68	.85	23.0	6.7	2.12	.51	.70	.88

COOLING CAPACITY - XC13-024 RFC System with [CH33-25B-2F + G61MPV-36B-045]

63°F (17°C)	840	395	24.6	7.2	1.41	.82	.98	1.00	23.4	6.9	1.60	.84	1.00	1.00	22.2	6.5	1.83	.87	1.00	1.00	20.8	6.1	2.08	.90	1.00	1.00
	940	445	25.2	7.4	1.41	.85	1.00	1.00	24.0	7.0	1.61	.87	1.00	1.00	22.8	6.7	1.83	.91	1.00	1.00	21.4	6.3	2.09	.94	1.00	1.00
67°F (19°C)	840	395	25.8	7.6	1.41	.64	.79	.95	24.6	7.2	1.61	.65	.82	.97	23.0	6.7	1.84	.67	.84	1.00	21.4	6.3	2.09	.69	.88	1.00
	940	445	26.4	7.7	1.42	.66	.83	.99	25.0	7.3	1.62	.68	.85	1.00	23.4	6.9	1.84	.69	.88	1.00	21.8	6.4	2.09	.72	.92	1.00
71°F (22°C)	840	395	27.0	7.9	1.42	.48	.63	.77	25.6	7.5	1.62	.48	.64	.79	24.2	7.1	1.85	.49	.66	.82	22.4	6.6	2.10	.50	.68	.86
	940	445	27.6	8.1	1.43	.49	.65	.81	26.2	7.7	1.63	.50	.67	.83	24.6	7.2	1.85	.50	.69	.86	23.0	6.7	2.11	.51	.71	.90

COOLING CAPACITY - XC13-024 TXV System with [CH33-25B-2F + G61MPV-36B-070]

63°F (17°C)	830	390	24.6	7.2	1.41	.81	.97	1.00	23.4	6.9	1.61	.83	.99	1.00	22.2	6.5	1.83	.85	1.00	1.00	20.8	6.1	2.09	.89	1.00	1.00
	905	425	25.2	7.4	1.41	.83	.99	1.00	23.8	7.0	1.61	.86	1.00	1.00	22.6	6.6	1.84	.88	1.00	1.00	21.4	6.3	2.10	.92	1.00	1.00
67°F (19°C)	830	390	25.8	7.6	1.42	.64	.79	.94	24.6	7.2	1.62	.65	.81	.96	23.2	6.8	1.84	.66	.83	.99	21.6	6.3	2.10	.68	.87	1.00
	905	425	26.4	7.7	1.42	.65	.81	.97	25.0	7.3	1.62	.66	.83	.99	23.4	6.9	1.85	.68	.86	1.00	21.8	6.4	2.11	.70	.90	1.00
71°F (22°C)	830	390	27.0	7.9	1.43	.48	.62	.76	25.6	7.5	1.63	.48	.64	.79	24.2	7.1	1.86	.49	.65	.81	22.6	6.6	2.11	.50	.67	.84
	905	425	27.4	8.0	1.43	.49	.64	.79	26.0	7.6	1.63	.49	.65	.81	24.6	7.2	1.86	.50	.67	.84	22.8	6.7	2.11	.51	.70	.88

COOLING CAPACITY - XC13-024 RFC System with [CH33-25B-2F + G61MPV-36B-070]

63°F (17°C)	830	390	24.6	7.2	1.41	.81	.97	1.00	23.4	6.9	1.60	.83	1.00	1.00	22.0	6.4	1.83	.86	1.00	1.00	20.6	6.0	2.08	.90	1.00	1.00
	930	440	25.2	7.4	1.41	.85	1.00	1.00	24.0	7.0	1.61	.87	1.00	1.00	22.8	6.7	1.83	.90	1.00	1.00	21.4	6.3	2.09	.94	1.00	1.00
67°F (19°C)	830	390	25.8	7.6	1.41	.64	.79	.94	24.4	7.2	1.61	.65	.81	.97	23.0	6.7	1.84	.67	.84	1.00	21.4	6.3	2.09	.69	.87	1.00
	930	440	26.4	7.7	1.42	.66	.83	.98	25.0	7.3	1.62	.67	.85	1.00	23.4	6.9	1.84	.69	.88	1.00	21.8	6.4	2.09	.72	.92	1.00
71°F (22°C)	830	390	27.0	7.9	1.42	.48	.63	.77	25.6	7.5	1.62	.48	.64	.79	24.0	7.0	1.85	.49	.66	.82	22.4	6.6	2.10	.50	.68	.85
	930	440	27.6	8.1	1.43	.49	.65	.80	26.2	7.7	1.63	.49	.66	.83	24.6	7.2	1.86	.50	.68	.86	22.8	6.7	2.11	.51	.71	.90

COOLING CAPACITY - XC13-024 TXV System with [CH33-25B-2F + G61MPV-36B-071]

63°F (17°C)	855	405	24.8	7.3	1.41	.82	.97	1.00	23.6	6.9	1.61	.84	1.00	1.00	22.4	6.6	1.84	.86	1.00	1.00	21.0	6.2	2.10	.90	1.00	1.00
	930	440	25.2	7.4	1.41	.84	1.00	1.00	24.0	7.0	1.61	.86	1.00	1.00	22.8	6.7	1.84	.89	1.00	1.00	21.4	6.3	2.10	.93	1.00	1.00
67°F (19°C)	855	405	26.0	7.6	1.42	.64	.79	.95	24.8	7.3	1.62	.65	.82	.97	23.2	6.8	1.84	.67	.84	1.00	21.6	6.3	2.10	.69	.88	1.00
	930	440	26.4	7.7	1.42	.66	.82	.97	25.0	7.3	1.62	.67	.84	1.00	23.6	6.9	1.85	.69	.87	1.00	22.0	6.4	2.10	.71	.91	1.00
71°F (22°C)	855	405	27.2	8.0	1.43	.48	.63	.77	25.8	7.6	1.63	.48	.64	.79	24.2	7.1	1.86	.49	.66	.82	22.6	6.6	2.12	.50	.68	.85
	930	440	27.6	8.1	1.43	.49	.65	.80	26.2	7.7	1.63	.49	.66	.82	24.6	7.2	1.86	.50	.68	.85	23.0	6.7	2.12	.51	.70	.89

COOLING CAPACITY - XC13-024 RFC System with [CH33-25B-2F + G61MPV-3

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

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

COOLING CAPACITY - XC13-024 RFC System with [CH33-25B-2F + G71MPP-36B-070]

63°F (17°C)	830	390	24.6	7.2	1.41	.81	.97	1.00	23.4	6.9	1.60	.83	1.00	1.00	22.0	6.4	1.83	.86	1.00	1.00	20.6	6.0	2.08	.94	1.00	1.00
	930	440	25.2	7.4	1.41	.85	1.00	1.00	24.0	7.0	1.61	.87	1.00	1.00	22.8	6.7	1.83	.90	1.00	1.00	21.4	6.3	2.09	.90	1.00	1.00
67°F (19°C)	830	390	25.8	7.6	1.41	.64	.79	.94	24.4	7.2	1.61	.65	.81	.97	23.0	6.7	1.84	.67	.84	1.00	21.4	6.3	2.09	.69	.87	1.00
	930	440	26.4	7.7	1.42	.66	.83	.98	25.0	7.3	1.62	.67	.85	1.00	23.4	6.9	1.84	.69	.88	1.00	21.8	6.4	2.09	.72	.92	1.00
71°F (22°C)	830	390	27.0	7.9	1.42	.48	.63	.77	25.6	7.5	1.62	.48	.64	.79	24.0	7.0	1.85	.49	.66	.82	22.4	6.6	2.10	.50	.68	.85
	930	440	27.6	8.1	1.43	.49	.65	.80	26.2	7.7	1.63	.49	.66	.83	24.6	7.2	1.86	.50	.68	.86	22.8	6.7	2.11	.51	.71	.90

COOLING CAPACITY - XC13-024 TXV System with [CH33-31A-2F + G60UHV-36A-070]

63°F (17°C)	830	390	25.0	7.3	1.41	.81	.97	1.00	23.8	7.0	1.61	.83	1.00	1.00	22.4	6.6	1.84	.86	1.00	1.00	21.2	6.2	2.10	.89	1.00	1.00
	905	425	25.4	7.4	1.41	.84	1.00	1.00	24.2	7.1	1.62	.86	1.00	1.00	23.0	6.7	1.84	.89	1.00	1.00	21.6	6.3	2.10	.93	1.00	1.00
67°F (19°C)	830	390	26.4	7.7	1.42	.64	.79	.94	25.0	7.3	1.62	.65	.81	.97	23.6	6.9	1.85	.66	.84	1.00	22.0	6.4	2.11	.68	.87	1.00
	905	425	27.0	7.9	1.43	.65	.82	.98	25.4	7.4	1.63	.66	.84	1.00	23.8	7.0	1.85	.68	.87	1.00	22.2	6.5	2.11	.71	.91	1.00
71°F (22°C)	830	390	27.8	8.1	1.43	.47	.62	.77	26.4	7.7	1.64	.48	.64	.79	24.8	7.3	1.86	.49	.65	.82	23.2	6.8	2.12	.49	.68	.85
	905	425	28.2	8.3	1.44	.48	.64	.80	26.8	7.9	1.64	.49	.65	.82	25.2	7.4	1.87	.49	.68	.85	23.4	6.9	2.12	.51	.70	.88

COOLING CAPACITY - XC13-024 RFC System with [CH33-31A-2F + G60UHV-36A-070]

63°F (17°C)	830	390	25.0	7.3	1.41	.82	.98	1.00	23.6	6.9	1.61	.84	1.00	1.00	22.4	6.6	1.83	.87	1.00	1.00	21.0	6.2	2.08	.90	1.00	1.00
	930	440	25.6	7.5	1.41	.85	1.00	1.00	24.4	7.2	1.61	.88	1.00	1.00	23.0	6.7	1.84	.91	1.00	1.00	21.6	6.3	2.09	.95	1.00	1.00
67°F (19°C)	830	390	26.4	7.7	1.42	.64	.80	.95	25.0	7.3	1.62	.65	.82	.98	23.4	6.9	1.84	.67	.84	1.00	21.6	6.3	2.09	.69	.88	1.00
	930	440	26.8	7.9	1.42	.66	.83	.99	25.4	7.4	1.62	.67	.86	1.00	23.8	7.0	1.85	.70	.89	1.00	22.0	6.4	2.10	.72	.93	1.00
71°F (22°C)	830	390	27.8	8.1	1.43	.47	.63	.77	26.2	7.7	1.63	.48	.64	.80	24.6	7.2	1.86	.49	.66	.82	23.0	6.7	2.11	.50	.68	.86
	930	440	28.2	8.3	1.43	.49	.65	.81	26.8	7.9	1.63	.49	.67	.84	25.0	7.3	1.86	.50	.69	.87	23.4	6.9	2.11	.51	.71	.91

COOLING CAPACITY - XC13-024 TXV System with [CH33-31B-2F + G60UHV-36B-090]

63°F (17°C)	825	390	25.0	7.3	1.41	.80	.96	1.00	23.8	7.0	1.61	.82	.99	1.00	22.4	6.6	1.84	.85	1.00	1.00	21.0	6.2	2.10	.88	1.00	1.00
	900	425	25.6	7.5	1.42	.83	.99	1.00	24.2	7.1	1.62	.85	1.00	1.00	23.0	6.7	1.84	.88	1.00	1.00	21.6	6.3	2.10	.92	1.00	1.00
67°F (19°C)	825	390	26.6	7.8	1.42	.63	.78	.93	25.0	7.3	1.62	.64	.80	.96	23.6	6.9	1.85	.65	.83	.99	22.0	6.4	2.11	.68	.86	1.00
	900	425	26.8	7.9	1.42	.64	.81	.96	25.4	7.4	1.62	.65	.83	.99	24.0	7.0	1.85	.68	.86	1.00	22.2	6.5	2.11	.70	.90	1.00
71°F (22°C)	825	390	28.0	8.2	1.43	.47	.62	.76	26.4	7.7	1.64	.48	.63	.78	24.8	7.3	1.86	.48	.64	.80	23.2	6.8	2.12	.49	.67	.84
	900	425	28.4	8.3	1.44	.48	.63	.78	26.8	7.9	1.64	.48	.65	.81	25.2	7.4	1.87	.49	.67	.84	23.4	6.9	2.12	.51	.69	.87

COOLING CAPACITY - XC13-024 RFC System with [CH33-31B-2F + G60UHV-36B-090]

63°F (17°C)	825	390	24.8	7.3	1.41	.81	.97	1.00	23.6	6.9	1.61	.83	.99	1.00	22.2	6.5	1.83	.86	1.00	1.00	21.0	6.2	2.09	.89	1.00	1.00
	925	435	25.4	7.4	1.41	.84	1.00	1.00	24.4	7.2	1.61	.87	1.00	1.00	23.0	6.7	1.84	.90	1.00	1.00	21.6	6.3	2.09	.93	1.00	1.00
67°F (19°C)	825	390	26.4	7.7	1.42	.63	.78	.94	25.0	7.3	1.62	.64	.81	.96	23.4	6.9	1.84	.66	.83	.99	21.6	6.3	2.10	.68	.87	1.00
	925	435	26.8	7.9	1.42	.65	.82	.98	25.4	7.4	1.62	.67	.84	1.00	23.8	7.0	1.85	.69	.88	1.00	22.0	6.4	2.10	.71	.92	1.00
71°F (22°C)	825	390	27.8	8.1	1.43	.47	.62	.76	26.2	7.7	1.63	.48	.63	.78	24.8	7.3	1.86	.48	.65	.81	23.0	6.7	2.11	.49	.67	.85
	925	435	28.4	8.3	1.43	.48	.64	.80	26.8	7.9	1.64	.49	.66	.82	25.2	7.4	1.86	.50	.68	.86	23.4	6.9	2.11	.51	.70	.89

COOLING CAPACITY - XC13-024 TXV System with [CH33-31B-2F + G61MPV-36B-045]

63°F (17°C)	840	395	25.2	7.4	1.41	.81	.97	1.00	23.8	7.0	1.61	.83	.99	1.00	22.6	6.6	1.84	.85	1.00	1.00	21.2	6.2	2.10	.89	1.00	1.00
	915	430	25.6	7.5	1.42	.83	.99	1.00	24.4	7.2	1.62	.86	1.00	1.00	23.0	6.7	1.84	.88	1.00	1.00	21.6	6.3	2.10	.92	1.00	1.00
67°F (19°C)	840	395	26.6	7.8	1.42	.63	.79	.94	25.2	7.4	1.62	.64	.81	.96	23.6	6.9	1.85	.66	.83	.99	22.0	6.4	2.11	.68	.87	1.00
	915	430	27.0	7.9	1.43	.65	.81	.97	25.4	7.4	1.62	.66	.83	.99	24.0	7.0	1.85	.68	.86	1.00	22.2	6.5	2.11	.71	.90	1.00
71°F (22°C)	840	395	28.0	8.2	1.43	.47	.62	.76	26.6	7.8	1.64	.48	.63	.78	25.0	7.3	1.86	.48	.65	.81	23.2	6.8	2.12	.49	.67	.84
	915	430	28.4	8.3	1.44	.48	.63	.79	26.8	7.9	1.64	.49	.65	.81	25.2	7.4	1.87	.49	.67	.84	23.6	6.9	2.13	.50	.69	.88

COOLING CAPACITY - XC13-024 RFC System with [CH33-31B-2F + G61MPV-36B-045]

63°F (17°C)	840	395	25.0	7.3	1.41	.81	.97	1.00	23.6	6.9	1.61	.84	1.00	1.00	22.4	6.6	1.83	.86	1.00	1.00	21.0	6.2	2.09	.90	1.00	1.00
	940	445	25.6	7.5	1.41	.85	1.00	1.00	24.4	7.2	1.61	.87	1.00	1.00	23.0	6.7	1.84	.90	1.00	1.00	21.6	6.3	2.09	.94	1.00	1.00
67°F (19°C)	840	395	26.4	7.7	1.42	.63	.79	.94	25.0	7.3	1.62	.65	.81	.97	23.4	6.9	1.84	.66	.84	1.00	21.8	6.4	2.10	.68	.87	1.00
	940	445	27.0	7.9	1.42	.66	.83	.99	25.4	7.4	1.62	.67	.85	1.00	23.8	7.0	1.85	.69	.88	1.00	22.2	6.5	2.10	.71	.92	1.00
71°F (22°C)	840	395	27.8	8.1	1.43	.47	.62	.77	26.4	7.7	1.63	.48	.64	.79	24.8	7.3	1.86	.49	.65	.82	23.0	6.7	2.11	.50	.68	.85
	940	445	28.4	8.3	1.44	.48	.64	.80	26.8	7.9	1.64	.49	.66	.83	25.2	7.4	1.86	.50	.68	.86	23.4	6.9	2.12	.51	.71	.90

COOLING CAPACITY - XC13-024 TXV System with [CH33-31B-2F + G61MPP

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

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

COOLING CAPACITY - XC13-024 TXV System with [CH33-31B-2F + G61MPV-36B-070]

63°F (17°C)	830	390	25.0	7.3	1.41	.81	.96	1.00	23.8	7.0	1.61	.83	.99	1.00	22.4	6.6	1.84	.85	1.00	1.00	21.2	6.2	2.10	.88	1.00	1.00
	905	425	25.6	7.5	1.41	.83	.99	1.00	24.2	7.1	1.62	.85	1.00	1.00	23.0	6.7	1.84	.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	1.42	.63	.78	.93	25.2	7.4	1.62	.64	.80	.96	23.6	6.9	1.85	.65	.83	.99	22.0	6.4	2.11	.68	.86	1.00
	905	425	27.0	7.9	1.43	.64	.81	.96	25.4	7.4	1.62	.66	.83	.99	24.0	7.0	1.85	.68	.86	1.00	22.2	6.5	2.11	.70	.90	1.00
71°F (22°C)	830	390	28.0	8.2	1.43	.47	.62	.76	26.4	7.7	1.64	.48	.63	.78	24.8	7.3	1.86	.48	.64	.81	23.2	6.8	2.12	.49	.67	.84
	905	425	28.4	8.3	1.44	.48	.63	.79	26.8	7.9	1.64	.48	.65	.81	25.2	7.4	1.87	.49	.67	.84	23.4	6.9	2.13	.50	.69	.87

COOLING CAPACITY - XC13-024 TXV System with [CH33-31B-2F + G61MPV-36B-071]

63°F (17°C)	855	405	25.2	7.4	1.41	.81	.97	1.00	24.0	7.0	1.61	.83	1.00	1.00	22.6	6.6	1.84	.86	1.00	1.00	21.2	6.2	2.10	.89	1.00	1.00
	930	440	25.6	7.5	1.41	.84	1.00	1.00	24.4	7.2	1.62	.86	1.00	1.00	23.2	6.8	1.85	.89	1.00	1.00	21.8	6.4	2.10	.93	1.00	1.00
67°F (19°C)	855	405	26.6	7.8	1.42	.63	.79	.94	25.2	7.4	1.62	.64	.81	.97	23.8	7.0	1.85	.66	.83	1.00	22.0	6.4	2.11	.69	.87	1.00
	930	440	27.0	7.9	1.43	.65	.81	.97	25.6	7.5	1.63	.66	.83	1.00	24.0	7.0	1.85	.68	.87	1.00	22.2	6.5	2.11	.71	.91	1.00
71°F (22°C)	855	405	28.0	8.2	1.43	.47	.62	.77	26.6	7.8	1.64	.48	.64	.79	25.0	7.3	1.86	.49	.65	.81	23.2	6.8	2.12	.50	.68	.85
	930	440	28.4	8.3	1.44	.48	.64	.79	27.0	7.9	1.64	.49	.65	.82	25.4	7.4	1.87	.50	.68	.85	23.6	6.9	2.13	.50	.70	.89

COOLING CAPACITY - XC13-024 RFC System with [CH33-31B-2F + G61MPV-36B-071]

63°F (17°C)	855	405	25.2	7.4	1.41	.82	.98	1.00	23.8	7.0	1.61	.84	1.00	1.00	22.4	6.6	1.83	.87	1.00	1.00	21.2	6.2	2.09	.90	1.00	1.00
	955	450	25.6	7.5	1.41	.85	1.00	1.00	24.4	7.2	1.61	.88	1.00	1.00	23.2	6.8	1.84	.91	1.00	1.00	21.8	6.4	2.10	.95	1.00	1.00
67°F (19°C)	855	405	26.6	7.8	1.42	.64	.79	.95	25.0	7.3	1.62	.65	.82	.98	23.6	6.9	1.84	.67	.84	1.00	21.8	6.4	2.10	.69	.88	1.00
	955	450	27.0	7.9	1.42	.66	.83	.99	25.6	7.5	1.62	.68	.86	1.00	24.0	7.0	1.85	.69	.89	1.00	22.2	6.5	2.10	.72	.93	1.00
71°F (22°C)	855	405	28.0	8.2	1.43	.47	.63	.77	26.4	7.7	1.63	.48	.64	.80	24.8	7.3	1.86	.49	.66	.82	23.0	6.7	2.11	.50	.68	.86
	955	450	28.6	8.4	1.44	.48	.65	.81	27.0	7.9	1.64	.49	.66	.83	25.2	7.4	1.86	.50	.68	.86	23.4	6.9	2.12	.51	.71	.91

COOLING CAPACITY - XC13-024 RFC System with [CH33-31B-2F + G71MPP-36B-070]

63°F (17°C)	830	390	25.0	7.3	1.41	.81	.97	1.00	23.6	6.9	1.61	.83	.99	1.00	22.2	6.5	1.83	.86	1.00	1.00	21.0	6.2	2.09	.89	1.00	1.00
	930	440	25.6	7.5	1.41	.84	1.00	1.00	24.4	7.2	1.61	.87	1.00	1.00	23.0	6.7	1.84	.90	1.00	1.00	21.6	6.3	2.09	.94	1.00	1.00
67°F (19°C)	830	390	26.4	7.7	1.42	.63	.79	.94	25.0	7.3	1.62	.65	.81	.97	23.4	6.9	1.84	.66	.84	1.00	21.8	6.4	2.10	.68	.87	1.00
	930	440	27.0	7.9	1.42	.65	.82	.98	25.4	7.4	1.62	.67	.85	1.00	23.8	7.0	1.85	.69	.88	1.00	22.2	6.5	2.10	.71	.92	1.00
71°F (22°C)	830	390	27.8	8.1	1.43	.47	.62	.76	26.2	7.7	1.63	.48	.63	.79	24.8	7.3	1.86	.49	.65	.81	23.0	6.7	2.11	.49	.67	.85
	930	440	28.4	8.3	1.43	.48	.64	.80	26.8	7.9	1.64	.49	.66	.82	25.2	7.4	1.86	.50	.68	.86	23.4	6.9	2.11	.51	.70	.90

COOLING CAPACITY - XC13-024 TXV System with [CH33-36A-2F + G60UHV-36A-070]

63°F (17°C)	830	390	24.4	7.2	1.41	.80	.95	1.00	23.2	6.8	1.61	.81	.97	1.00	21.8	6.4	1.83	.84	1.00	1.00	20.4	6.0	2.09	.87	1.00	1.00
	915	430	24.8	7.3	1.41	.82	.98	1.00	23.6	6.9	1.61	.84	1.00	1.00	22.2	6.5	1.83	.87	1.00	1.00	21.0	6.2	2.10	.90	1.00	1.00
67°F (19°C)	830	390	25.8	7.6	1.42	.62	.77	.92	24.4	7.2	1.62	.64	.79	.94	23.0	6.7	1.84	.65	.81	.97	21.4	6.3	2.10	.67	.84	1.00
	915	430	26.2	7.7	1.42	.64	.80	.95	24.8	7.3	1.62	.65	.82	.98	23.4	6.9	1.85	.67	.84	1.00	21.8	6.4	2.10	.69	.88	1.00
71°F (22°C)	830	390	27.2	8.0	1.43	.47	.61	.75	25.8	7.6	1.63	.48	.63	.77	24.4	7.2	1.86	.48	.64	.79	22.6	6.6	2.11	.49	.66	.82
	915	430	27.6	8.1	1.43	.48	.63	.77	26.2	7.7	1.64	.49	.64	.80	24.6	7.2	1.86	.49	.66	.82	23.0	6.7	2.12	.50	.68	.86

COOLING CAPACITY - XC13-024 RFC System with [CH33-36A-2F + G60UHV-36A-070]

63°F (17°C)	830	390	24.4	7.2	1.40	.80	.95	1.00	23.0	6.7	1.60	.82	.98	1.00	21.6	6.3	1.82	.84	1.00	1.00	20.2	5.9	2.08	.87	1.00	1.00
	915	430	24.6	7.2	1.40	.82	.98	1.00	23.4	6.9	1.60	.84	1.00	1.00	22.2	6.5	1.83	.87	1.00	1.00	20.8	6.1	2.09	.91	1.00	1.00
67°F (19°C)	830	390	25.8	7.6	1.41	.62	.77	.92	24.4	7.2	1.61	.64	.79	.95	23.0	6.7	1.84	.65	.82	.98	21.2	6.2	2.09	.67	.85	1.00
	915	430	26.2	7.7	1.42	.64	.80	.96	24.8	7.3	1.62	.65	.82	.98	23.2	6.8	1.84	.67	.85	1.00	21.6	6.3	2.09	.69	.89	1.00
71°F (22°C)	830	390	27.0	7.9	1.42	.47	.61	.75	25.6	7.5	1.62	.47	.62	.77	24.2	7.1	1.85	.48	.64	.80	22.6	6.6	2.10	.49	.66	.83
	915	430	27.6	8.1	1.43	.48	.63	.78	26.2	7.7	1.63	.48	.64	.80	24.6	7.2	1.86	.49	.66	.83	22.8	6.7	2.11	.50	.68	.87

COOLING CAPACITY - XC13-024 TXV System with [CH33-36B-2F + G60UHV-36B-090]

63°F (17°C)	825	390	24.6	7.2	1.41	.80	.96	1.00	23.4	6.9	1.61	.82	.99	1.00	22.0	6.4	1.83	.85	1.00	1.00	20.8	6.1	2.09	.88	1.00	1.00
	905	425	25.0	7.3	1.41	.83	.99	1.00	23.8	7.0	1.61	.85	1.00	1.00	22.6	6.6	1.84	.88	1.00	1.00	21.2	6.2	2.10	.91	1.00	1.00
67°F (19°C)	825	390	25.8	7.6	1.42	.63	.78	.93	24.4	7.2	1.62	.64	.80	.96	23.0	6.7	1.84	.66	.83	.99	21.4	6.3	2.10	.68	.86	1.00
	905	425	26.2	7.7	1.42	.65	.81	.96	24.8	7.3	1.62	.66	.83	.99	23.4	6.9	1.85	.68	.86	1.00	21.8	6.4	2.10	.70	.89	1.00
71°F (22°C)	825	390	26.8	7.9	1.42	.48	.62	.76	25.6	7.5	1.63	.48	.63	.78	24.2	7.1	1.86	.49	.65	.81	22.4	6.6	2.11	.50	.67	.84
	905	425	27.4	8.0	1.43	.48	.64	.78	26.0	7.6	1.63	.49	.65	.81	24.4	7.2	1.86	.50	.67	.84	22.8	6.7	2.12	.51	.69	.87

COOLING CAPACITY - XC13-024 RFC System with [CH33-36B-2F + G60UHV-36B-090]

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

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

COOLING CAPACITY - XC13-024 RFC System with [CH33-36B-2F + G61MPV-36B-(all)]

63°F (17°C)	840	395	24.6	7.2	1.41	.81	.97	1.00	23.2	6.8	1.60	.83	1.00	1.00	22.0	6.4	1.83	.86	1.00	1.00	20.6	6.0	2.08	.94	1.00	1.00
	945	445	25.2	7.4	1.41	.85	1.00	1.00	24.0	7.0	1.61	.87	1.00	1.00	22.8	6.7	1.84	.90	1.00	1.00	21.4	6.3	2.09	.90	1.00	1.00
67°F (19°C)	840	395	25.8	7.6	1.41	.64	.79	.94	24.4	7.2	1.61	.65	.81	.97	23.0	6.7	1.84	.67	.84	1.00	21.4	6.3	2.09	.69	.87	1.00
	945	445	26.4	7.7	1.42	.66	.83	.98	25.0	7.3	1.62	.68	.85	1.00	23.4	6.9	1.84	.69	.88	1.00	21.8	6.4	2.09	.72	.92	1.00
71°F (22°C)	840	395	27.0	7.9	1.42	.48	.63	.77	25.6	7.5	1.62	.48	.64	.79	24.0	7.0	1.85	.49	.66	.82	22.4	6.6	2.10	.50	.68	.85
	945	445	27.6	8.1	1.43	.49	.65	.81	26.2	7.7	1.63	.50	.67	.83	24.6	7.2	1.85	.50	.69	.86	22.8	6.7	2.11	.52	.71	.90

COOLING CAPACITY - XC13-024 TXV System with [CH33-36B-2F + G71MPP-36B-070]

63°F (17°C)	830	390	24.6	7.2	1.41	.81	.96	1.00	23.4	6.9	1.61	.83	.99	1.00	22.0	6.4	1.84	.85	1.00	1.00	20.8	6.1	2.09	.88	1.00	1.00
	930	440	25.2	7.4	1.41	.84	1.00	1.00	24.0	7.0	1.61	.86	1.00	1.00	22.8	6.7	1.84	.89	1.00	1.00	21.4	6.3	2.10	.93	1.00	1.00
67°F (19°C)	830	390	25.8	7.6	1.42	.64	.78	.93	24.6	7.2	1.62	.65	.81	.96	23.0	6.7	1.84	.66	.83	.99	21.6	6.3	2.10	.68	.86	1.00
	930	440	26.4	7.7	1.42	.66	.82	.97	25.0	7.3	1.62	.67	.84	1.00	23.6	6.9	1.85	.69	.87	1.00	22.0	6.4	2.11	.71	.90	1.00
71°F (22°C)	830	390	27.0	7.9	1.43	.48	.62	.76	25.6	7.5	1.63	.48	.64	.78	24.2	7.1	1.86	.49	.65	.81	22.6	6.6	2.11	.50	.67	.84
	930	440	27.6	8.1	1.43	.49	.65	.80	26.2	7.7	1.63	.50	.66	.82	24.6	7.2	1.86	.50	.68	.85	23.0	6.7	2.12	.51	.70	.88

COOLING CAPACITY - XC13-024 RFC System with [CH33-36B-2F + G71MPP-36B-070]

63°F (17°C)	830	390	24.6	7.2	1.40	.81	.97	1.00	23.2	6.8	1.60	.83	.99	1.00	22.0	6.4	1.82	.86	1.00	1.00	20.6	6.0	2.08	.89	1.00	1.00
	930	440	25.0	7.3	1.41	.84	1.00	1.00	23.8	7.0	1.61	.87	1.00	1.00	22.6	6.6	1.83	.90	1.00	1.00	21.2	6.2	2.09	.93	1.00	1.00
67°F (19°C)	830	390	25.8	7.6	1.41	.64	.79	.94	24.4	7.2	1.61	.65	.81	.97	23.0	6.7	1.84	.66	.84	.99	21.4	6.3	2.09	.68	.87	1.00
	930	440	26.4	7.7	1.42	.66	.82	.98	25.0	7.3	1.62	.67	.84	1.00	23.4	6.9	1.84	.69	.88	1.00	21.8	6.4	2.09	.71	.91	1.00
71°F (22°C)	830	390	26.8	7.9	1.42	.48	.62	.77	25.4	7.4	1.62	.48	.64	.79	24.0	7.0	1.85	.49	.65	.81	22.4	6.6	2.10	.50	.68	.85
	930	440	27.6	8.1	1.43	.49	.65	.80	26.0	7.6	1.63	.49	.66	.82	24.6	7.2	1.85	.50	.68	.85	22.8	6.7	2.11	.51	.71	.89

AIR HANDLERS

COOLING CAPACITY - XC13-024 TXV System with [CBX26UH-024]

63°F (17°C)	700	330	24.0	7.0	1.41	.77	.90	1.00	22.8	6.7	1.60	.78	.93	1.00	21.4	6.3	1.83	.80	.96	1.00	20.0	5.9	2.09	.83	.99	1.00
	800	380	24.6	7.2	1.41	.80	.95	1.00	23.4	6.9	1.61	.82	.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
	900	425	25.2	7.4	1.41	.83	.98	1.00	24.0	7.0	1.61	.85	1.00	1.00	22.8	6.7	1.84	.88	1.00	1.00	21.4	6.3	2.10	.91	1.00	1.00
67°F (19°C)	700	330	25.4	7.4	1.41	.61	.74	.87	24.0	7.0	1.61	.62	.76	.89	22.8	6.7	1.84	.63	.78	.93	21.2	6.2	2.10	.65	.81	.96
	800	380	26.0	7.6	1.42	.63	.77	.91	24.8	7.3	1.62	.64	.79	.94	23.2	6.8	1.84	.66	.82	.97	21.8	6.4	2.10	.68	.85	1.00
	900	425	26.6	7.8	1.42	.65	.81	.96	25.2	7.4	1.62	.66	.83	.99	23.8	7.0	1.85	.68	.86	1.00	22.0	6.4	2.11	.70	.89	1.00
71°F (22°C)	700	330	26.8	7.9	1.42	.47	.60	.72	25.4	7.4	1.63	.47	.61	.74	24.0	7.0	1.85	.48	.62	.76	22.4	6.6	2.11	.49	.64	.79
	800	380	27.4	8.0	1.43	.48	.62	.75	26.0	7.6	1.63	.48	.63	.77	24.6	7.2	1.86	.49	.65	.80	23.0	6.7	2.12	.50	.67	.83
	900	425	28.0	8.2	1.43	.49	.64	.78	26.6	7.8	1.64	.50	.65	.81	25.0	7.3	1.86	.50	.67	.83	23.4	6.9	2.12	.51	.69	.87

COOLING CAPACITY - XC13-024 TXV System with [CBX26UH-030]

63°F (17°C)	715	335	24.0	7.0	1.41	.76	.90	1.00	22.8	6.7	1.60	.78	.92	1.00	21.4	6.3	1.83	.80	.96	1.00	20.0	5.9	2.08	.82	.99	1.00
	815	385	24.6	7.2	1.41	.79	.94	1.00	23.4	6.9	1.61	.81	.97	1.00	22.0	6.4	1.83	.83	1.00	1.00	20.6	6.0	2.09	.86	1.00	1.00
	915	430	25.2	7.4	1.41	.82	.98	1.00	24.0	7.0	1.61	.84	1.00	1.00	22.6	6.6	1.84	.87	1.00	1.00	21.4	6.3	2.10	.90	1.00	1.00
67°F (19°C)	715	335	25.4	7.4	1.42	.60	.74	.87	24.2	7.1	1.62	.61	.75	.89	22.8	6.7	1.84	.62	.77	.92	21.2	6.2	2.10	.64	.80	.96
	815	385	26.2	7.7	1.42	.62	.77	.91	24.8	7.3	1.62	.63	.79	.94	23.4	6.9	1.85	.65	.81	.97	21.6	6.3	2.10	.66	.84	1.00
	915	430	26.6	7.8	1.42	.64	.80	.95	25.2	7.4	1.63	.65	.82	.98	23.8	7.0	1.85	.67	.85	1.00	22.0	6.4	2.11	.69	.88	1.00
71°F (22°C)	715	335	26.8	7.9	1.42	.45	.59	.71	25.6	7.5	1.63	.46	.60	.73	24.0	7.0	1.86	.46	.61	.75	22.4	6.6	2.11	.47	.63	.78
	815	385	27.6	8.1	1.43	.46	.61	.74	26.2	7.7	1.63	.47	.62	.76	24.6	7.2	1.86	.47	.63	.79	23.0	6.7	2.12	.48	.65	.82
	915	430	28.2	8.3	1.44	.47	.63	.78	26.6	7.8	1.64	.47	.64	.80	25.0	7.3	1.87	.49	.66	.82	23.4	6.9	2.12	.49	.68	.86

COOLING CAPACITY - XC13-024 TXV System with [CBX27UH-024]

63°F (17°C)	800	380	24.6	7.2	1.41	.79	.95	1.00	23.2	6.8	1.61	.81	.97	1.00	22.0	6.4	1.83	.84	1.00	1.00	20.6	6.0	2.09	.87	1.00	1.00
	875	415	25.0	7.3	1.41	.82	.98	1.00	23.8	7.0	1.61	.84	1.00	1.00	22.4	6.6	1.84	.86	1.00	1.00	21.0	6.2	2.09	.90	1.00	1.00
67°F (19°C)	800	380	26.0	7.6	1.42	.62	.77	.92	24.6	7.2	1.62	.63	.79	.94	23.2	6.8	1.85	.64	.81	.97	21.6	6.3	2.10	.66	.84	1.00
	875	415	26.4	7.7	1.42	.63	.79	.95	25.0	7.3	1.62	.65	.82	.98	23.4	6.9	1.85	.66	.84	1.00	21.8	6.4	2.10	.68	.88	1.00
71°F (22°C)	800	380	27.2	8.0	1.43	.46	.60	.75	25.8	7.6	1.63	.47	.62	.77	24.4	7.2	1.86	.47	.63	.79	22.8	6.7	2.12	.48	.65	.82
	875	415	27.8	8.1	1.43	.47	.62	.77	26.2	7.7	1.64	.47	.64	.79	24.8	7.3	1.86	.48	.65	.82	23.0	6.7	2.12	.49	.67	.86

COOLING CAPACITY - XC13-024 TXV System with [CBX27UH-030]

63°F (17°C)	800	380	24.6	7.2	1.41	.79	.95	1.00	23.4	6.9	1.61	.81	.98	1.00	22.0
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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

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					

COOLING CAPACITY - XC13-024 TXV System with [CBX32M-030]

63°F (17°C)	730	345	24.4	7.2	1.41	.78	.93	1.00	23.0	6.7	1.61	.80	.96	1.00	21.6	6.3	1.83	.82	.98	1.00	20.2	5.9	2.09	.85	1.00	1.00
	830	390	25.0	7.3	1.41	.82	.97	1.00	23.6	6.9	1.61	.84	.99	1.00	22.4	6.6	1.84	.86	1.00	1.00	21.0	6.2	2.09	.90	1.00	1.00
	930	440	25.6	7.5	1.41	.85	1.00	1.00	24.4	7.2	1.62	.88	1.00	1.00	23.0	6.7	1.84	.91	1.00	1.00	21.6	6.3	2.10	.94	1.00	1.00
67°F (19°C)	730	345	25.6	7.5	1.42	.62	.76	.90	24.4	7.2	1.62	.63	.78	.92	23.0	6.7	1.84	.64	.80	.95	21.4	6.3	2.10	.66	.83	.99
	830	390	26.2	7.7	1.42	.64	.79	.94	24.8	7.3	1.62	.65	.82	.97	23.4	6.9	1.85	.67	.84	.99	21.8	6.4	2.10	.69	.87	1.00
	930	440	26.8	7.9	1.42	.67	.83	.98	25.4	7.4	1.62	.68	.86	1.00	23.8	7.0	1.85	.70	.89	1.00	22.2	6.5	2.11	.72	.92	1.00
71°F (22°C)	730	345	27.0	7.9	1.43	.47	.61	.74	25.6	7.5	1.63	.47	.62	.76	24.2	7.1	1.85	.48	.63	.78	22.6	6.6	2.11	.49	.65	.81
	830	390	27.6	8.1	1.43	.48	.63	.77	26.2	7.7	1.63	.49	.64	.79	24.6	7.2	1.86	.49	.66	.82	23.0	6.7	2.12	.50	.68	.85
	930	440	28.2	8.3	1.44	.50	.66	.81	26.8	7.9	1.64	.50	.67	.83	25.2	7.4	1.87	.51	.69	.86	23.4	6.9	2.12	.52	.72	.90

COOLING CAPACITY - XC13-024 TXV System with [CBX32M-036]

63°F (17°C)	915	430	26.4	7.7	1.42	.85	1.00	1.00	25.2	7.4	1.62	.88	1.00	1.00	23.8	7.0	1.85	.91	1.00	1.00	22.4	6.6	2.11	.95	1.00	1.00
	1015	480	27.2	8.0	1.43	.89	1.00	1.00	26.0	7.6	1.63	.92	1.00	1.00	24.6	7.2	1.86	.95	1.00	1.00	23.0	6.7	2.12	.99	1.00	1.00
67°F (19°C)	915	430	27.6	8.1	1.43	.66	.83	.99	26.2	7.7	1.63	.68	.86	1.00	24.6	7.2	1.86	.70	.89	1.00	22.8	6.7	2.12	.72	.93	1.00
	1015	480	28.2	8.3	1.43	.68	.87	1.00	26.6	7.8	1.64	.71	.90	1.00	24.8	7.3	1.86	.73	.93	1.00	23.2	6.8	2.12	.75	.97	1.00
71°F (22°C)	915	430	29.2	8.6	1.45	.49	.65	.81	27.4	8.0	1.65	.50	.67	.83	25.8	7.6	1.87	.50	.68	.86	24.0	7.0	2.13	.51	.72	.91
	1015	480	29.6	8.7	1.45	.50	.68	.85	28.0	8.2	1.65	.51	.69	.88	26.2	7.7	1.88	.52	.72	.91	24.4	7.2	2.14	.53	.75	.95

COOLING CAPACITY - XC13-024 TXV System with [CBX32MV-018/024] [CBX40UHV-024]

63°F (17°C)	735	345	24.0	7.0	1.40	.77	.91	1.00	22.6	6.6	1.60	.78	.94	1.00	21.4	6.3	1.83	.81	.97	1.00	19.9	5.8	2.08	.83	1.00	1.00
	810	380	24.4	7.2	1.41	.79	.95	1.00	23.0	6.7	1.61	.81	.97	1.00	21.8	6.4	1.83	.83	.99	1.00	20.4	6.0	2.09	.86	1.00	1.00
67°F (19°C)	735	345	25.2	7.4	1.41	.60	.74	.88	24.0	7.0	1.61	.61	.76	.91	22.6	6.6	1.84	.63	.78	.94	21.0	6.2	2.09	.64	.81	.97
	810	380	25.8	7.6	1.42	.61	.77	.91	24.4	7.2	1.62	.63	.79	.94	23.0	6.7	1.84	.64	.81	.97	21.4	6.3	2.10	.66	.84	1.00
71°F (22°C)	735	345	26.6	7.8	1.42	.45	.59	.72	25.2	7.4	1.62	.46	.60	.74	23.8	7.0	1.85	.46	.61	.76	22.2	6.5	2.11	.47	.63	.79
	810	380	27.0	7.9	1.43	.46	.60	.74	25.6	7.5	1.63	.46	.61	.77	24.2	7.1	1.86	.47	.63	.79	22.6	6.6	2.11	.48	.65	.82

COOLING CAPACITY - XC13-024 TXV System with [CBX32MV-024/030] [CBX40UHV-030]

63°F (17°C)	800	380	24.6	7.2	1.41	.79	.95	1.00	23.2	6.8	1.61	.81	.97	1.00	22.0	6.4	1.83	.84	1.00	1.00	20.6	6.0	2.09	.87	1.00	1.00
	800	380	24.6	7.2	1.41	.79	.95	1.00	23.2	6.8	1.61	.81	.97	1.00	22.0	6.4	1.83	.84	1.00	1.00	20.6	6.0	2.09	.87	1.00	1.00
	875	415	25.0	7.3	1.41	.82	.98	1.00	23.8	7.0	1.61	.84	1.00	1.00	22.4	6.6	1.84	.86	1.00	1.00	21.0	6.2	2.09	.90	1.00	1.00
67°F (19°C)	800	380	26.0	7.6	1.42	.62	.77	.92	24.6	7.2	1.62	.63	.79	.94	23.2	6.8	1.85	.64	.81	.97	21.6	6.3	2.10	.66	.84	1.00
	800	380	26.0	7.6	1.42	.62	.77	.92	24.6	7.2	1.62	.63	.79	.94	23.2	6.8	1.85	.64	.81	.97	21.6	6.3	2.10	.66	.84	1.00
	875	415	26.4	7.7	1.42	.63	.79	.95	25.0	7.3	1.62	.65	.82	.98	23.4	6.9	1.85	.66	.84	1.00	21.8	6.4	2.10	.68	.88	1.00
71°F (22°C)	800	380	27.2	8.0	1.43	.46	.60	.75	25.8	7.6	1.63	.47	.62	.77	24.4	7.2	1.86	.47	.63	.79	22.8	6.7	2.12	.48	.65	.82
	800	380	27.2	8.0	1.43	.46	.60	.75	25.8	7.6	1.63	.47	.62	.77	24.4	7.2	1.86	.47	.63	.79	22.8	6.7	2.12	.48	.65	.82
	875	415	27.8	8.1	1.43	.47	.62	.77	26.2	7.7	1.64	.47	.64	.79	24.8	7.3	1.86	.48	.65	.82	23.0	6.7	2.12	.49	.67	.86

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

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

COOLING CAPACITY - XC13-030 TXV System with [CX34-25A/B-6F]

63°F (17°C)	875	415	30.4	8.9	1.78	.77	.91	1.00	28.8	8.4	2.01	.79	.93	1.00	27.2	8.0	2.28	.81	.96	1.00	25.6	7.5	2.59	.83	.99	1.00
	1000	470	31.0	9.1	1.78	.80	.95	1.00	29.6	8.7	2.02	.82	.97	1.00	28.0	8.2	2.29	.84	1.00	1.00	26.2	7.7	2.60	.87	1.00	1.00
	1125	530	31.8	9.3	1.79	.83	.98	1.00	30.2	8.9	2.02	.85	1.00	1.00	28.6	8.4	2.29	.87	1.00	1.00	27.2	8.0	2.61	.91	1.00	1.00
67°F (19°C)	875	415	31.8	9.3	1.79	.62	.75	.87	30.2	8.9	2.02	.62	.76	.90	28.6	8.4	2.29	.64	.78	.93	26.8	7.9	2.60	.65	.81	.96
	1000	470	32.6	9.6	1.80	.64	.78	.92	31.2	9.1	2.03	.65	.80	.94	29.4	8.6	2.30	.66	.82	.97	27.6	8.1	2.61	.68	.85	1.00
	1125	530	33.4	9.8	1.80	.65	.81	.96	31.8	9.3	2.04	.67	.83	.98	30.0	8.8	2.31	.68	.85	1.00	28.0	8.2	2.61	.70	.88	1.00
71°F (22°C)	875	415	33.6	9.8	1.80	.48	.61	.73	32.0	9.4	2.04	.48	.61	.74	30.2	8.9	2.31	.48	.63	.76	28.4	8.3	2.62	.49	.64	.79
	1000	470	34.4	10.1	1.81	.48	.62	.76	32.8	9.6	2.05	.49	.63	.77	31.0	9.1	2.31	.50	.65	.80	29.0	8.5	2.62	.51	.66	.82
	1125	530	35.0	10.3	1.82	.49	.64	.79	33.2	9.7	2.05	.50	.66	.81	31.4	9.2	2.32	.51	.67	.83	29.4	8.6	2.62	.51	.69	.86

COOLING CAPACITY - XC13-030 RFC System with [C33-25A/B]

63°F (17°C)	900	425	29.2	8.6	1.77	.78	.93	1.00	27.8	8.1	2.00	.80	.95	1.00	26.2	7.7	2.26	.82	.98	1.00	24.6	7.2	2.57	.85	1.00	1.00
	1050	495	30.2	8.9	1.78	.82	.98	1.00	28.6	8.4	2.01	.84	1.00	1.00	27.2	8.0	2.27	.86	1.00	1.00	25.6	7.5	2.58	.90	1.00	1.00
	1200	565	30.8	9.0	1.78	.85	1.00	1.00	29.4	8.6	2.01	.88	1.00	1.00	28.0	8.2	2.28	.91	1.00	1.00	26.4	7.7	2.58	.94	1.00	1.00
67°F (19°C)	900	425	30.6	9.0	1.78	.63	.76	.89	29.2	8.6	2.01	.63	.78	.92	27.6	8.1	2.28	.65	.80	.95	25.8	7.6	2.58	.67	.83	.98
	1050	495	31.6	9.3	1.79	.65	.80	.94	30.0	8.8	2.02	.66	.82	.97	28.4	8.3	2.28	.68	.84	1.00	26.4	7.7	2.58	.69	.87	1.00
	1200	565	32.4	9.5	1.80	.67	.83	.99	30.8	9.0	2.03	.68	.86	1.00	29.0	8.5	2.29	.70	.88	1.00	27.0	7.9	2.59	.72	.92	1.00
71°F (22°C)	900	425	32.4	9.5	1.80	.48	.61	.74	30.8	9.0	2.03	.48	.62	.76	29.0	8.5	2.29	.49	.64	.78	27.2	8.0	2.59	.50	.65	.80
	1050	495	33.2	9.7	1.80	.49	.64	.78	31.6	9.3	2.03	.50	.65	.80	29.8	8.7	2.30	.51	.66	.82	27.8	8.1	2.60	.51	.68	.85
	1200	565	33.8	9.9	1.81	.50	.66	.81	32.2	9.4	2.04	.51	.67	.84	30.4	8.9	2.30	.52	.69	.86	28.2	8.3	2.60	.52	.71	.90

COOLING CAPACITY - XC13-030 TXV System with [CX34-30A/B/C-6F]

63°F (17°C)	850	400	28.8	8.4	1.77	.76	.88	.99	27.6	8.1	2.00	.77	.90	1.00	26.2	7.7	2.27	.79	.93	1.00	24.4	7.2	2.59	.81	.96	1.00
	1000	470	29.8	8.7	1.77	.79	.92	1.00	28.4	8.3	2.01	.80	.95	1.00	27.0	7.9	2.28	.82	.98	1.00	25.4	7.4	2.59	.85	.99	1.00
	1150	545	30.6	9.0	1.78	.81	.96	1.00	29.2	8.6	2.01	.83	.98	1.00	27.8	8.1	2.29	.85	1.00	1.00	26.4	7.7	2.60	.88	1.00	1.00
67°F (19°C)	850	400	30.4	8.9	1.78	.62	.74	.85	29.0	8.5	2.01	.63	.75	.87	27.6	8.1	2.28	.64	.77	.90	25.8	7.6	2.60	.65	.79	.93
	1000	470	31.4	9.2	1.78	.63	.76	.89	29.8	8.7	2.02	.64	.78	.92	28.4	8.3	2.29	.66	.80	.94	26.6	7.8	2.60	.67	.83	.98
	1150	545	32.2	9.4	1.79	.65	.79	.93	30.6	9.0	2.03	.66	.81	.96	29.0	8.5	2.30	.68	.83	.98	27.2	8.0	2.61	.69	.86	1.00
71°F (22°C)	850	400	31.8	9.3	1.79	.48	.60	.71	30.4	8.9	2.02	.49	.61	.73	28.8	8.4	2.29	.49	.62	.75	27.0	7.9	2.61	.50	.64	.77
	1000	470	32.8	9.6	1.80	.50	.62	.74	31.2	9.1	2.03	.50	.63	.76	29.6	8.7	2.30	.50	.65	.78	27.8	8.1	2.61	.51	.66	.80
	1150	545	33.6	9.8	1.80	.50	.64	.77	32.0	9.4	2.04	.51	.65	.79	30.4	8.9	2.31	.52	.66	.81	28.4	8.3	2.62	.52	.68	.84

COOLING CAPACITY - XC13-030 TXV System with [CX34-31A/B-6F]

63°F (17°C)	875	415	30.8	9.0	1.78	.76	.91	1.00	29.4	8.6	2.02	.79	.93	1.00	27.8	8.1	2.29	.80	.96	1.00	26.0	7.6	2.60	.83	.98	1.00
	1000	470	31.6	9.3	1.79	.80	.95	1.00	30.2	8.9	2.02	.82	.97	1.00	28.4	8.3	2.29	.84	.99	1.00	26.8	7.9	2.60	.86	1.00	1.00
	1125	530	32.4	9.5	1.79	.83	.98	1.00	30.8	9.0	2.03	.85	1.00	1.00	29.2	8.6	2.30	.87	1.00	1.00	27.6	8.1	2.61	.90	1.00	1.00
67°F (19°C)	875	415	32.4	9.5	1.79	.61	.74	.87	30.8	9.0	2.03	.61	.76	.89	29.2	8.6	2.30	.64	.78	.92	27.4	8.0	2.61	.64	.81	.95
	1000	470	33.2	9.7	1.80	.63	.78	.91	31.6	9.3	2.04	.63	.79	.94	30.0	8.8	2.30	.65	.82	.97	28.0	8.2	2.61	.67	.84	1.00
	1125	530	34.0	10.0	1.81	.64	.81	.95	32.4	9.5	2.04	.66	.82	.98	30.6	9.0	2.31	.68	.85	1.00	28.6	8.4	2.62	.70	.88	1.00
71°F (22°C)	875	415	34.0	10.0	1.81	.47	.60	.72	32.4	9.5	2.04	.47	.60	.73	30.8	9.0	2.31	.48	.62	.75	28.8	8.4	2.62	.49	.63	.78
	1000	470	34.8	10.2	1.82	.48	.61	.75	33.2	9.7	2.05	.48	.62	.77	31.4	9.2	2.32	.50	.64	.79	29.4	8.6	2.63	.50	.66	.82
	1125	530	35.6	10.4	1.82	.49	.63	.78	33.8	9.9	2.06	.50	.64	.80	32.0	9.4	2.32	.50	.67	.83	30.0	8.8	2.63	.52	.69	.86

COOLING CAPACITY - XC13-030 RFC System with [C33-31A/B]

63°F (17°C)	900	425	29.8	8.7	1.77	.78	.92	1.00	28.2	8.3	2.00	.80	.95	1.00	26.6	7.8	2.27	.82	.98	1.00	25.0	7.3	2.57	.85	1.00	1.00
	1050	495	30.6	9.0	1.78	.82	.97	1.00	29.2	8.6	2.01	.84	.99	1.00	27.6	8.1	2.28	.86	1.00	1.00	26.0	7.6	2.58	.89	1.00	1.00
	1200	565	31.4	9.2	1.79	.85	1.00	1.00	30.0	8.8	2.02	.87	1.00	1.00	28.6	8.4	2.28	.91	1.00	1.00	26.8	7.9	2.59	.94	1.00	1.00
67°F (19°C)	900	425	31.2	9.1	1.78	.62	.76	.89	29.8	8.7	2.02	.63	.78	.92	28.2	8.3	2.28	.65	.80	.94	26.2	7.7	2.58	.66	.82	.98
	1050	495	32.2	9.4	1.79	.63	.80	.94	30.6	9.0	2.02	.65	.82	.97	28.8	8.4	2.29	.67	.84	.99	27.0	7.9	2.59	.69	.87	1.00
	1200	565	33.0	9.7	1.80	.66	.83	.98	31.2	9.1	2.03	.68	.85	1.00	29.4	8.6	2.29	.69	.88	1.00	27.4	8.0	2.59	.72	.92	1.00
71°F (22°C)	900	425	32.8	9.6	1.80	.48	.60	.73	31.2	9.1	2.03	.48	.61	.74	29.6	8.7	2.29	.49	.63	.77	27.6	8.1	2.59	.50	.64	.80
	1050	495	33.6	9.8	1.81	.48	.62	.77	32.0	9.4	2.04	.50	.64	.79	30.2	8.9	2.30	.49	.66	.82	28.2	8.3	2.60	.51	.68	.85
	1200	565	34.4	10.1	1.81	.50	.65	.81	32.8	9.6	2.05	.50	.66	.83	30.8	9.0	2.31	.51	.68	.86	28.8	8.4	2.61	.52	.71	.89

COOLING CAPACITY - XC13-030 TXV System with [CX34-36A/B/C-6F]

63°F (17°C)	875	415	30.2	8.9	1.78	.78	.91	1.00	28.8	8.4	2.01	.79	.94	1.00	27.4	8.0	2.28	.81	.96	1.00	25.6	7.5	2.60	.84	.99	1.00
	1000	470	31.0	9.1	1.78	.81	.95	1.00	29.6	8.7	2.02	.82	.98	1.00	28.0	8.2	2.29	.85	1.00	1.00	26.4	7.7	2.60	.88	1.00	1.00
	1125	530	31.8	9.3	1.79	.83	.99	1.00	30.4	8.9	2.02	.85	1.00	1.00	28.8	8.4	2.29	.88	1.00	1.00	27.2	8.0	2.61	.91	1.00	1.00
67°F (19°C)	875	415	31.6	9.3	1.79	.62	.76	.88	30.2	8.9	2.02	.63	.77	.90	28.6	8.4	2.29	.64	.79	.93						

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

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	
COOLING CAPACITY - XC13-030 RFC System with [C33-36A/B/C]																											
63°F (17°C)	875	415	29.0	8.5	1.77	.79	.92	1.00	27.6	8.1	2.00	.80	.95	1.00	26.2	7.7	2.26	.82	.97	1.00	24.6	7.2	2.57	.85	1.00	1.00	
	1000	470	29.8	8.7	1.77	.81	.96	1.00	28.4	8.3	2.00	.83	.98	1.00	26.8	7.9	2.27	.86	1.00	1.00	25.2	7.4	2.57	.89	1.00	1.00	
	1125	530	30.6	9.0	1.78	.84	.99	1.00	29.0	8.5	2.01	.86	1.00	1.00	27.6	8.1	2.28	.89	1.00	1.00	26.0	7.6	2.58	.92	1.00	1.00	
67°F (19°C)	875	415	30.4	8.9	1.78	.63	.76	.89	28.8	8.4	2.01	.64	.78	.91	27.4	8.0	2.27	.65	.80	.94	25.6	7.5	2.58	.67	.83	.97	
	1000	470	31.2	9.1	1.78	.65	.79	.94	29.6	8.7	2.02	.66	.81	.96	28.0	8.2	2.28	.67	.84	.98	26.0	7.6	2.58	.69	.86	1.00	
	1125	530	31.8	9.3	1.79	.66	.82	.97	30.2	8.9	2.02	.68	.85	.99	28.6	8.4	2.29	.69	.87	1.00	26.6	7.8	2.59	.72	.90	1.00	
71°F (22°C)	875	415	31.6	9.3	1.79	.48	.61	.74	30.2	8.9	2.02	.49	.63	.76	28.6	8.4	2.28	.49	.64	.78	26.8	7.9	2.59	.50	.66	.80	
	1000	470	32.6	9.6	1.80	.49	.63	.77	31.0	9.1	2.03	.50	.65	.79	29.2	8.6	2.29	.51	.66	.81	27.4	8.0	2.59	.52	.68	.85	
	1125	530	33.2	9.7	1.80	.50	.65	.80	31.6	9.3	2.03	.51	.67	.82	29.8	8.7	2.30	.52	.68	.85	27.8	8.1	2.60	.53	.71	.88	
COOLING CAPACITY - XC13-030 TXV System with [CX34-38A/B-6F]																											
63°F (17°C)	875	415	31.0	9.1	1.78	.77	.91	1.00	29.6	8.7	2.02	.79	.94	1.00	28.0	8.2	2.29	.81	.96	1.00	26.2	7.7	2.60	.83	.99	1.00	
	1000	470	32.0	9.4	1.79	.81	.96	1.00	30.4	8.9	2.03	.82	.98	1.00	28.8	8.4	2.29	.85	1.00	1.00	27.2	8.0	2.61	.88	1.00	1.00	
	1125	530	32.6	9.6	1.79	.84	.99	1.00	31.2	9.1	2.03	.85	1.00	1.00	29.6	8.7	2.30	.88	1.00	1.00	28.0	8.2	2.61	.91	1.00	1.00	
67°F (19°C)	875	415	32.6	9.6	1.80	.62	.75	.88	31.2	9.1	2.03	.63	.77	.90	29.6	8.7	2.30	.64	.79	.93	27.6	8.1	2.61	.65	.81	.96	
	1000	470	33.6	9.8	1.81	.64	.78	.93	32.0	9.4	2.04	.64	.80	.95	30.2	8.9	2.31	.66	.82	.98	28.2	8.3	2.62	.68	.85	1.00	
	1125	530	34.4	10.1	1.81	.65	.81	.96	32.6	9.6	2.05	.67	.83	.99	30.8	9.0	2.31	.68	.86	1.00	28.8	8.4	2.62	.70	.89	1.00	
71°F (22°C)	875	415	34.4	10.1	1.81	.47	.60	.73	32.8	9.6	2.05	.47	.61	.75	31.0	9.1	2.31	.49	.63	.76	29.0	8.5	2.62	.50	.64	.79	
	1000	470	35.2	10.3	1.82	.49	.62	.76	33.4	9.8	2.05	.49	.62	.78	31.6	9.3	2.32	.50	.65	.80	29.6	8.7	2.63	.50	.67	.83	
	1125	530	35.8	10.5	1.83	.50	.64	.79	34.0	10.0	2.06	.49	.66	.81	32.2	9.4	2.33	.50	.67	.84	30.2	8.9	2.63	.51	.70	.87	
COOLING CAPACITY - XC13-030 RFC System with [C33-38A/B]																											
63°F (17°C)	900	425	30.0	8.8	1.77	.79	.93	1.00	28.6	8.4	2.01	.81	.96	1.00	27.0	7.9	2.27	.83	.99	1.00	25.2	7.4	2.57	.85	1.00	1.00	
	1050	495	31.0	9.1	1.78	.83	.98	1.00	29.4	8.6	2.01	.85	1.00	1.00	27.8	8.1	2.28	.87	1.00	1.00	26.4	7.7	2.58	.91	1.00	1.00	
	1200	565	31.8	9.3	1.79	.86	1.00	1.00	30.4	8.9	2.02	.89	1.00	1.00	28.8	8.4	2.29	.92	1.00	1.00	27.2	8.0	2.59	.95	1.00	1.00	
67°F (19°C)	900	425	31.6	9.3	1.79	.63	.76	.90	30.0	8.8	2.02	.64	.78	.93	28.4	8.3	2.28	.65	.81	.95	26.4	7.7	2.58	.66	.83	.99	
	1050	495	32.6	9.6	1.80	.64	.80	.95	31.0	9.1	2.03	.65	.83	.98	29.2	8.6	2.29	.68	.85	1.00	27.2	8.0	2.59	.70	.88	1.00	
	1200	565	33.2	9.7	1.80	.67	.84	.99	31.6	9.3	2.03	.68	.86	1.00	29.8	8.7	2.30	.71	.89	1.00	27.6	8.1	2.60	.73	.93	1.00	
71°F (22°C)	900	425	33.2	9.7	1.80	.48	.61	.74	31.6	9.3	2.03	.48	.62	.76	29.8	8.7	2.30	.49	.64	.78	27.8	8.1	2.60	.50	.65	.81	
	1050	495	34.0	10.0	1.81	.49	.62	.78	32.4	9.5	2.04	.50	.64	.80	30.6	9.0	2.30	.50	.67	.83	28.4	8.3	2.60	.51	.69	.86	
	1200	565	34.8	10.2	1.82	.50	.66	.82	33.0	9.7	2.05	.50	.67	.84	31.2	9.1	2.31	.52	.70	.88	29.0	8.5	2.61	.53	.72	.91	
COOLING CAPACITY - XC13-030 TXV System with [CX34-42B-6F]																											
63°F (17°C)	875	415	30.2	8.9	1.78	.78	.91	1.00	28.8	8.4	2.01	.79	.94	1.00	27.4	8.0	2.28	.81	.96	1.00	25.6	7.5	2.60	.84	.99	1.00	
	1000	470	31.0	9.1	1.78	.81	.95	1.00	29.6	8.7	2.02	.82	.98	1.00	28.0	8.2	2.29	.85	1.00	1.00	26.4	7.7	2.60	.88	1.00	1.00	
	1125	530	31.8	9.3	1.79	.83	.99	1.00	30.4	8.9	2.02	.85	1.00	1.00	28.8	8.4	2.29	.88	1.00	1.00	27.2	8.0	2.61	.91	1.00	1.00	
67°F (19°C)	875	415	31.6	9.3	1.79	.62	.76	.88	30.2	8.9	2.02	.63	.77	.90	28.6	8.4	2.29	.64	.79	.93	26.8	7.9	2.60	.66	.82	.96	
	1000	470	32.4	9.5	1.79	.64	.78	.92	30.8	9.0	2.03	.65	.80	.95	29.2	8.6	2.30	.67	.82	.97	27.4	8.0	2.61	.68	.85	1.00	
	1125	530	33.2	9.7	1.80	.66	.81	.96	31.4	9.2	2.03	.67	.83	.98	29.8	8.7	2.30	.69	.86	1.00	27.8	8.1	2.61	.71	.89	1.00	
71°F (22°C)	875	415	33.0	9.7	1.80	.48	.61	.73	31.4	9.2	2.03	.49	.62	.75	29.8	8.7	2.30	.49	.63	.77	28.0	8.2	2.61	.50	.65	.79	
	1000	470	33.8	9.9	1.81	.49	.63	.76	32.2	9.4	2.04	.50	.64	.78	30.6	9.0	2.31	.50	.65	.80	28.6	8.4	2.62	.51	.67	.83	
	1125	530	34.6	10.1	1.81	.50	.65	.79	33.0	9.7	2.05	.51	.66	.81	31.2	9.1	2.32	.51	.68	.84	29.2	8.6	2.62	.52	.70	.87	
COOLING CAPACITY - XC13-030 RFC System with [C33-42B]																											
63°F (17°C)	900	425	29.2	8.6	1.77	.79	.93	1.00	27.8	8.1	2.00	.81	.96	1.00	26.4	7.7	2.26	.83	.98	1.00	24.6	7.2	2.57	.86	1.00	1.00	
	1050	495	30.2	8.9	1.77	.83	.98	1.00	28.8	8.4	2.01	.85	1.00	1.00	27.2	8.0	2.27	.87	1.00	1.00	25.6	7.5	2.58	.90	1.00	1.00	
	1200	565	31.0	9.1	1.78	.86	1.00	1.00	29.6	8.7	2.01	.88	1.00	1.00	28.2	8.3	2.28	.91	1.00	1.00	26.4	7.7	2.58	.95	1.00	1.00	
67°F (19°C)	900	425	30.6	9.0	1.78	.63	.77	.90	29.0	8.5	2.01	.64	.79	.92	27.4	8.0	2.28	.65	.81	.95	25.6	7.5	2.58	.67	.83	.98	
	1050	495	31.4	9.2	1.79	.65	.80	.95	29.8	8.7	2.02	.66	.82	.97	28.2	8.3	2.28	.68	.85	1.00	26.4	7.7	2.58	.70	.88	1.00	
	1200	565	32.0	9.4	1.79	.68	.84	.99	30.6	9.0	2.02	.69	.86	1.00	28.8	8.4	2.29	.71	.89	1.00	27.0	7.9	2.59	.73	.92	1.00	
71°F (22°C)	900	425	31.8	9.3	1.79	.48	.62	.75	30.4	8.9	2.02	.49	.63	.76	28.6	8.4	2.29	.50	.64	.79	26.8	7.9	2.59	.51	.66	.81	
	1050	495	32.8	9.6	1.80	.50	.64	.78	31.2	9.1	2.03	.50	.66	.80	29.4	8.6	2.29	.51	.67	.83	27.6	8.1	2.59	.52	.69	.86	
	1200	565	33.6	9.8	1.81	.51	.66	.82	32.0	9.4	2.04	.51	.68	.84	30.0	8.8	2.30	.52	.70	.87	28.0	8.2	2.60	.53	.72	.90	

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

Table with columns for Entering Wet Bulb Temperature, Total Air Volume, and Outdoor Air Temperature Entering Outdoor Coil (85°F, 95°F, 105°F, 115°F) with sub-columns for Cooling Capacity, Comp Motor kW, and Sensible To Total Ratio (S/T) Dry Bulb.

COOLING CAPACITY - XC13-030 TXV System with [CX34-30B-6F + G61MPV-36B-070] [CX34-30B-6F + G71MPP-36B-070]

Table of cooling capacity data for XC13-030 TXV system with CX34-30B-6F and G61MPV-36B-070/G71MPP-36B-070 units.

COOLING CAPACITY - XC13-030 RFC System with [C33-30B + G71MPP-36B-070] [C33-30B + G61MPV-36B-070]

Table of cooling capacity data for XC13-030 RFC system with C33-30B and G71MPP-36B-070/G61MPV-36B-070 units.

COOLING CAPACITY - XC13-030 TXV System with [CX34-31A-6F + G60UHV-36A-070]

Table of cooling capacity data for XC13-030 TXV system with CX34-31A-6F and G60UHV-36A-070 units.

COOLING CAPACITY - XC13-030 RFC System with [C33-31A + G60UHV-36A-070]

Table of cooling capacity data for XC13-030 RFC system with C33-31A and G60UHV-36A-070 units.

COOLING CAPACITY - XC13-030 TXV System with [CX34-31B-6F + G60UHV-36B-090]

Table of cooling capacity data for XC13-030 TXV system with CX34-31B-6F and G60UHV-36B-090 units.

COOLING CAPACITY - XC13-030 RFC System with [C33-31B + G60UHV-36B-090]

Table of cooling capacity data for XC13-030 RFC system with C33-31B and G60UHV-36B-090 units.

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

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

COOLING CAPACITY - XC13-030 TXV System with [CX34-38A-6F + G60UHV-36A-070]

63°F (17°C)	830	390	30.6	9.0	1.78	.75	.89	1.00	29.2	8.6	2.01	.77	.91	1.00	27.6	8.1	2.28	.79	.94	1.00	26.0	7.6	2.60	.81	.97	1.00
	1000	470	31.8	9.3	1.79	.80	.95	1.00	30.4	8.9	2.02	.82	.97	1.00	28.6	8.4	2.29	.84	1.00	1.00	27.0	7.9	2.60	.87	1.00	1.00
	1115	525	32.6	9.6	1.79	.83	.99	1.00	31.0	9.1	2.03	.84	1.00	1.00	29.4	8.6	2.30	.87	1.00	1.00	27.8	8.1	2.61	.90	1.00	1.00

COOLING CAPACITY - XC13-030 RFC System with [C33-38A + G60UHV-36A-070]

63°F (17°C)	830	390	29.4	8.6	1.77	.76	.90	1.00	28.0	8.2	2.00	.78	.92	1.00	26.4	7.7	2.27	.80	.95	1.00	24.6	7.2	2.57	.82	.98	1.00
	1000	470	30.6	9.0	1.78	.81	.96	1.00	29.2	8.6	2.01	.83	.98	1.00	27.4	8.0	2.27	.85	1.00	1.00	25.8	7.6	2.58	.88	1.00	1.00
	1115	525	31.2	9.1	1.78	.84	.99	1.00	29.8	8.7	2.02	.86	1.00	1.00	28.2	8.3	2.28	.88	1.00	1.00	26.6	7.8	2.59	.92	1.00	1.00

COOLING CAPACITY - XC13-030 TXV System with [CX34-38B-6F + G60UHV-36B-090]

63°F (17°C)	825	390	30.6	9.0	1.78	.75	.89	1.00	29.2	8.6	2.01	.76	.91	1.00	27.6	8.1	2.28	.79	.94	1.00	25.8	7.6	2.60	.81	.97	1.00
	1005	475	31.8	9.3	1.79	.80	.95	1.00	30.4	8.9	2.02	.82	.97	1.00	28.6	8.4	2.29	.84	1.00	1.00	27.0	7.9	2.60	.87	1.00	1.00
	1110	525	32.6	9.6	1.79	.82	.98	1.00	31.0	9.1	2.03	.84	1.00	1.00	29.4	8.6	2.30	.87	1.00	1.00	27.6	8.1	2.61	.90	1.00	1.00

COOLING CAPACITY - XC13-030 RFC System with [C33-38B + G60UHV-36B-090]

63°F (17°C)	905	425	29.8	8.7	1.77	.78	.93	1.00	28.4	8.3	2.01	.80	.95	1.00	26.8	7.9	2.27	.82	.98	1.00	25.2	7.4	2.57	.84	1.00	1.00
	1000	470	30.6	9.0	1.78	.81	.96	1.00	29.0	8.5	2.01	.82	.98	1.00	27.4	8.0	2.27	.85	1.00	1.00	25.8	7.6	2.58	.88	1.00	1.00
	1110	525	31.2	9.1	1.78	.83	.99	1.00	29.6	8.7	2.01	.85	1.00	1.00	28.2	8.3	2.28	.88	1.00	1.00	26.6	7.8	2.58	.91	1.00	1.00

COOLING CAPACITY - XC13-030 RFC System with [C33-38B + G61MPV-36B-045]

63°F (17°C)	955	450	30.4	8.9	1.78	.80	.95	1.00	28.8	8.4	2.01	.81	.97	1.00	27.2	8.0	2.27	.84	1.00	1.00	25.4	7.4	2.58	.86	1.00	1.00
	1050	495	30.8	9.0	1.78	.82	.98	1.00	29.4	8.6	2.01	.84	1.00	1.00	27.8	8.1	2.28	.86	1.00	1.00	26.2	7.7	2.58	.90	1.00	1.00
	1100	520	31.2	9.1	1.78	.83	.99	1.00	29.6	8.7	2.02	.85	1.00	1.00	28.2	8.3	2.28	.88	1.00	1.00	26.4	7.7	2.58	.91	1.00	1.00

COOLING CAPACITY - XC13-030 TXV System with [CX34-38B-6F + G61MPV-36B-070]

63°F (17°C)	830	390	30.6	9.0	1.78	.75	.89	1.00	29.2	8.6	2.01	.77	.91	1.00	27.6	8.1	2.28	.79	.94	1.00	26.0	7.6	2.60	.81	.97	1.00
	1010	475	32.0	9.4	1.79	.80	.95	1.00	30.4	8.9	2.02	.82	.98	1.00	28.8	8.4	2.29	.84	1.00	1.00	27.0	7.9	2.61	.87	1.00	1.00
	1155	545	32.8	9.6	1.80	.84	1.00	1.00	31.2	9.1	2.03	.85	1.00	1.00	29.8	8.7	2.30	.88	1.00	1.00	28.0	8.2	2.61	.91	1.00	1.00

67°F (19°C)	830	390	32.2	9.4	1.79	.60	.73	.86	30.8	9.0	2.03	.61	.75	.88	29.0	8.5	2.30	.62	.77	.91	27.2	8.0	2.61	.64	.79	.94
	1010	475	33.6	9.8	1.80	.63	.78	.92	32.0	9.4	2.04	.63	.80	.95	30.2	8.9	2.31	.65	.82	.98	28.2	8.3	2.62	.67	.84	1.00
	1155	545	34.4	10.1	1.81	.65	.81	.97	32.8	9.6	2.05	.66	.83	.99	31.0	9.1	2.31	.68	.86	1.00	28.8	8.4	2.62	.70	.89	1.00

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

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					

COOLING CAPACITY - XC13-030 RFC System with [C33-38B + G61MPV-36B-070] [C33-38B + G71MPP-36B-070]

63°F (17°C)	930	440	30.2	8.9	1.77	.79	.93	1.00	28.6	8.4	2.01	.81	.96	1.00	27.0	7.9	2.27	.83	.99	1.00	25.4	7.4	2.57	.85	1.00	1.00
	1010	475	30.6	9.0	1.78	.81	.96	1.00	29.2	8.6	2.01	.83	.99	1.00	27.6	8.1	2.27	.85	1.00	1.00	26.0	7.6	2.58	.88	1.00	1.00
	1105	520	31.2	9.1	1.78	.83	.99	1.00	29.6	8.7	2.01	.85	1.00	1.00	28.2	8.3	2.28	.88	1.00	1.00	26.6	7.8	2.59	.91	1.00	1.00
67°F (19°C)	930	440	31.6	9.3	1.79	.62	.77	.90	30.2	8.9	2.02	.64	.78	.93	28.4	8.3	2.28	.64	.81	.96	26.6	7.8	2.58	.66	.83	.99
	1010	475	32.2	9.4	1.79	.64	.79	.93	30.6	9.0	2.02	.64	.81	.96	29.0	8.5	2.29	.66	.83	.98	27.0	7.9	2.59	.68	.86	1.00
	1105	520	32.8	9.6	1.80	.64	.81	.96	31.2	9.1	2.03	.66	.83	.99	29.4	8.6	2.29	.68	.86	1.00	27.2	8.0	2.59	.70	.89	1.00
71°F (22°C)	930	440	33.2	9.7	1.80	.47	.60	.74	31.8	9.3	2.04	.48	.62	.76	29.8	8.7	2.30	.49	.62	.78	27.8	8.1	2.60	.49	.65	.81
	1010	475	33.8	9.9	1.81	.48	.62	.76	32.0	9.4	2.04	.49	.62	.79	30.2	8.9	2.30	.49	.65	.81	28.2	8.3	2.60	.50	.67	.84
	1105	520	34.2	10.0	1.81	.48	.63	.79	32.6	9.6	2.04	.50	.65	.81	30.6	9.0	2.31	.50	.67	.83	28.6	8.4	2.61	.52	.69	.87

DOWN-FLOW INDOOR COILS

COOLING CAPACITY - XC13-030 TXV System with [CR33-30/36A/B/C-F]

63°F (17°C)	850	400	30.4	8.9	1.78	.77	.91	1.00	29.0	8.5	2.01	.79	.93	1.00	27.4	8.0	2.28	.81	.95	1.00	25.8	7.6	2.59	.83	.98	1.00
	1000	470	31.4	9.2	1.79	.81	.95	1.00	30.0	8.8	2.02	.83	.98	1.00	28.2	8.3	2.29	.85	1.00	1.00	26.6	7.8	2.60	.88	1.00	1.00
	1150	545	32.2	9.4	1.79	.84	.99	1.00	30.8	9.0	2.03	.87	1.00	1.00	29.2	8.6	2.30	.89	1.00	1.00	27.6	8.1	2.61	.92	1.00	1.00
67°F (19°C)	850	400	32.0	9.4	1.79	.62	.75	.88	30.4	8.9	2.02	.63	.76	.90	28.8	8.4	2.30	.64	.78	.92	27.0	7.9	2.60	.65	.81	.95
	1000	470	33.0	9.7	1.80	.64	.79	.92	31.4	9.2	2.03	.65	.80	.95	29.6	8.7	2.30	.66	.83	.97	27.6	8.1	2.61	.68	.86	1.00
	1150	545	33.6	9.8	1.81	.66	.82	.97	32.0	9.4	2.04	.68	.84	.99	30.2	8.9	2.31	.69	.87	1.00	28.4	8.3	2.61	.71	.90	1.00
71°F (22°C)	850	400	33.6	9.8	1.80	.47	.60	.72	32.0	9.4	2.04	.48	.61	.74	30.4	8.9	2.31	.49	.63	.76	28.4	8.3	2.62	.49	.64	.79
	1000	470	34.6	10.1	1.81	.49	.63	.76	33.0	9.7	2.05	.49	.64	.78	31.2	9.1	2.31	.50	.65	.81	29.0	8.5	2.62	.51	.67	.83
	1150	545	35.4	10.4	1.82	.50	.65	.80	33.6	9.8	2.05	.50	.67	.82	31.6	9.3	2.32	.51	.68	.85	29.6	8.7	2.63	.52	.70	.88

COOLING CAPACITY - XC13-030 RFC System with [CR33-30/36A/B/C-F]

63°F (17°C)	850	400	29.2	8.6	1.78	.78	.92	1.00	27.8	8.1	2.00	.79	.94	1.00	26.2	7.7	2.27	.82	.97	1.00	24.6	7.2	2.57	.84	.99	1.00
	1000	470	30.2	8.9	1.77	.82	.97	1.00	28.6	8.4	2.01	.84	.99	1.00	27.0	7.9	2.27	.86	1.00	1.00	25.6	7.5	2.58	.89	1.00	1.00
	1150	545	31.0	9.1	1.78	.85	1.00	1.00	29.4	8.6	2.01	.88	1.00	1.00	28.0	8.2	2.28	.90	1.00	1.00	26.4	7.7	2.58	.94	1.00	1.00
67°F (19°C)	850	400	30.8	9.0	1.78	.62	.75	.88	29.2	8.6	2.01	.63	.77	.91	27.6	8.1	2.28	.64	.79	.93	25.8	7.6	2.58	.66	.82	.97
	1000	470	31.6	9.3	1.79	.64	.79	.94	30.0	8.8	2.02	.66	.81	.96	28.4	8.3	2.28	.67	.84	.98	26.4	7.7	2.58	.69	.87	1.00
	1150	545	32.4	9.5	1.79	.67	.83	.98	30.8	9.0	2.03	.68	.85	1.00	29.0	8.5	2.29	.70	.88	1.00	27.0	7.9	2.59	.72	.91	1.00
71°F (22°C)	850	400	32.2	9.4	1.79	.48	.61	.73	30.8	9.0	2.03	.48	.62	.75	29.0	8.5	2.29	.49	.63	.77	27.2	8.0	2.59	.50	.65	.80
	1000	470	33.2	9.7	1.80	.49	.63	.77	31.6	9.3	2.03	.50	.64	.79	29.8	8.7	2.30	.50	.66	.82	27.8	8.1	2.60	.51	.68	.84
	1150	545	34.0	10.0	1.81	.50	.66	.81	32.2	9.4	2.04	.51	.67	.83	30.4	8.9	2.30	.52	.69	.86	28.2	8.3	2.60	.53	.71	.89

DOWN-FLOW INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - XC13-030 TXV System with [CR33-24A-F + G60DFV-36B-090]

63°F (17°C)	920	435	29.8	8.7	1.77	.77	.91	1.00	28.6	8.4	2.01	.79	.93	1.00	27.0	7.9	2.28	.81	.95	1.00	25.4	7.4	2.59	.83	.98	1.00
	1040	490	30.6	9.0	1.78	.80	.94	1.00	29.2	8.6	2.01	.82	.97	1.00	27.8	8.1	2.28	.84	.98	1.00	26.0	7.6	2.59	.87	1.00	1.00
	1195	565	31.4	9.2	1.79	.83	.98	1.00	30.0	8.8	2.02	.85	1.00	1.00	28.4	8.3	2.29	.88	1.00	1.00	26.8	7.9	2.60	.91	1.00	1.00
67°F (19°C)	920	435	31.4	9.2	1.78	.62	.75	.88	30.0	8.8	2.02	.63	.77	.90	28.4	8.3	2.29	.64	.79	.93	26.6	7.8	2.60	.65	.81	.95
	1040	490	32.0	9.4	1.79	.63	.78	.92	30.6	9.0	2.02	.64	.80	.94	29.0	8.5	2.30	.66	.82	.96	27.0	7.9	2.61	.67	.85	.99
	1195	565	32.8	9.6	1.80	.66	.81	.96	31.2	9.1	2.03	.67	.83	.98	29.4	8.6	2.30	.68	.86	1.00	27.6	8.1	2.61	.70	.89	1.00
71°F (22°C)	920	435	33.0	9.7	1.80	.47	.60	.73	31.4	9.2	2.03	.47	.62	.75	29.8	8.7	2.30	.48	.63	.76	28.0	8.2	2.61	.49	.64	.79
	1040	490	33.6	9.8	1.80	.48	.62	.76	32.2	9.4	2.04	.49	.63	.77	30.4	8.9	2.31	.49	.65	.80	28.4	8.3	2.62	.50	.66	.82
	1195	565	34.4	10.1	1.81	.50	.65	.79	32.8	9.6	2.05	.50	.66	.81	31.0	9.1	2.32	.51	.67	.84	29.0	8.5	2.62	.52	.69	.87

COOLING CAPACITY - XC13-030 TXV System with [CR33-24A-F + G61MPV-36B-045]

63°F (17°C)	840	395	28.2	8.3	1.76	.76	.90	1.00	27.0	7.9	1.99	.78	.92	1.00	25.4	7.4	2.26	.80	.94	1.00	23.8	7.0	2.56	.82	.97	1.00
	970	460	29.0	8.5	1.77	.79	.94	1.00	27.8	8.1	2.00	.81	.96	1.00	26.2	7.7	2.26	.83	.98	1.00	24.6	7.2	2.57	.86	1.00	1.00
	1100	520	29.8	8.7	1.77	.82	.97	1.00	28.4	8.3	2.00	.85	.99	1.00	26.8	7.9	2.27	.87	1.00	1.00	25.2	7.4	2.57	.90	1.00	1.00
67°F (19°C)	840	395	29.8	8.7	1.77	.61	.74	.87	28.4	8.3	2.00	.62	.76	.89	26.8	7.9	2.27	.63	.78	.91	25.0	7.3	2.57	.65	.80	.94
	970	460	30.6	9.0	1.78	.63	.77	.91	29.0	8.5	2.01	.64	.79	.93	27.4	8.0	2.28	.65	.81	.96	25.6	7.5	2.58	.67	.84	.98
	1100	520	31.2	9.1	1.78	.65	.80	.94	29.6	8.7	2.01	.66	.82	.97	28.0	8.2	2.28	.68	.85	.99	26.0	7.6	2.58	.70	.88	1.00
71°F (22°C)	840	395	31.2	9.1	1.78	.47	.60	.72	29.8	8.7	2.02	.47	.61	.73	28.2	8.3	2.28	.47	.62	.75	26.4	7.7	2.58	.48	.64	.78
	970	460	32.0	9.4	1.79	.48	.62	.75	30.4	8.9	2.02	.48	.63	.77	28.8	8.4	2.29	.49	.64	.79	27.0	7.9	2.59	.50	.66	.82
	1100	520	32.6	9.6	1.80	.49	.64	.78	31.0	9.1	2.03	.50	.65	.80	29.4	8.6	2.29	.51	.67	.83	27.4	8.0	2.59	.52	.69	.86

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

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

COOLING CAPACITY - XC13-030 TXV System with

[CR33-24A-F + G61MPV-36B-070]
[CR33-24A-F + G71MPP-36B-070]

63°F (17°C)	830	390	29.2	8.6	1.77	.76	.89	.99	28.0	8.2	2.00	.77	.91	1.00	26.6	7.8	2.27	.79	.93	1.00	25.0	7.3	2.59	.81	.96	1.00
	1010	475	30.4	8.9	1.78	.79	.94	1.00	29.0	8.5	2.01	.81	.96	1.00	27.6	8.1	2.29	.83	.98	1.00	25.8	7.6	2.60	.86	1.00	1.00
	1155	545	31.2	9.1	1.78	.83	.97	1.00	29.8	8.7	2.02	.85	.99	1.00	28.2	8.3	2.29	.87	1.00	1.00	26.6	7.8	2.60	.90	1.00	1.00
67°F (19°C)	830	390	31.0	9.1	1.78	.61	.73	.86	29.4	8.6	2.01	.62	.75	.88	28.0	8.2	2.29	.63	.76	.90	26.2	7.7	2.60	.64	.79	.93
	1010	475	32.0	9.4	1.79	.63	.77	.91	30.4	8.9	2.03	.64	.79	.93	28.8	8.4	2.30	.65	.81	.95	27.0	7.9	2.61	.67	.84	.98
	1155	545	32.6	9.6	1.80	.65	.81	.95	31.2	9.1	2.03	.67	.83	.97	29.4	8.6	2.30	.68	.85	.99	27.4	8.0	2.61	.70	.88	1.00
71°F (22°C)	830	390	32.4	9.5	1.79	.46	.59	.71	31.0	9.1	2.03	.46	.60	.72	29.2	8.6	2.30	.48	.61	.74	27.6	8.1	2.61	.48	.63	.76
	1010	475	33.6	9.8	1.80	.48	.62	.75	32.0	9.4	2.04	.49	.63	.77	30.2	8.9	2.31	.49	.64	.79	28.4	8.3	2.62	.50	.66	.82
	1155	545	34.2	10.0	1.81	.50	.64	.79	32.6	9.6	2.05	.50	.66	.81	30.8	9.0	2.31	.51	.67	.83	28.8	8.4	2.62	.52	.69	.86

COOLING CAPACITY - XC13-030 RFC System with

[CR33-24B-F + G60DFV-36B-090]

63°F (17°C)	920	435	28.8	8.4	1.76	.78	.92	1.00	27.4	8.0	2.00	.80	.94	1.00	26.0	7.6	2.26	.82	.97	1.00	24.4	7.2	2.57	.84	.99	1.00
	1040	490	29.4	8.6	1.77	.81	.95	1.00	28.0	8.2	2.00	.83	.98	1.00	26.6	7.8	2.27	.85	.99	1.00	25.0	7.3	2.57	.88	1.00	1.00
	1060	500	29.6	8.7	1.77	.81	.96	1.00	28.2	8.3	2.00	.83	.98	1.00	26.6	7.8	2.27	.86	1.00	1.00	25.0	7.3	2.57	.88	1.00	1.00
67°F (19°C)	920	435	30.2	8.9	1.78	.62	.76	.89	28.8	8.4	2.01	.63	.77	.91	27.2	8.0	2.27	.64	.80	.94	25.4	7.4	2.57	.66	.82	.97
	1040	490	30.8	9.0	1.78	.64	.79	.93	29.4	8.6	2.01	.65	.81	.95	27.6	8.1	2.28	.67	.83	.97	25.8	7.6	2.58	.69	.86	1.00
	1060	500	31.0	9.1	1.78	.64	.79	.93	29.4	8.6	2.01	.65	.81	.95	27.8	8.1	2.28	.67	.83	.98	25.8	7.6	2.58	.69	.86	1.00
71°F (22°C)	920	435	31.8	9.3	1.79	.47	.61	.74	30.2	8.9	2.02	.48	.62	.75	28.6	8.4	2.28	.48	.63	.77	26.8	7.9	2.59	.49	.65	.80
	1040	490	32.4	9.5	1.79	.49	.63	.77	30.8	9.0	2.03	.49	.64	.79	29.0	8.5	2.29	.50	.66	.81	27.2	8.0	2.59	.51	.68	.84
	1060	500	32.4	9.5	1.79	.49	.63	.77	30.8	9.0	2.03	.49	.64	.79	29.2	8.6	2.29	.50	.66	.81	27.2	8.0	2.59	.51	.68	.84

COOLING CAPACITY - XC13-030 RFC System with

[CR33-24B-F + G61MPV-36B-045]
[CR33-24B-F + G71MPP-36B-045]

63°F (17°C)	945	445	30.2	8.9	1.77	.78	.92	1.00	28.8	8.4	2.01	.80	.94	1.00	27.2	8.0	2.28	.82	.96	1.00	25.6	7.5	2.59	.84	.99	1.00
	1050	495	30.6	9.0	1.78	.81	.95	1.00	29.4	8.6	2.02	.82	.97	1.00	27.8	8.1	2.29	.85	.99	1.00	26.0	7.6	2.60	.87	1.00	1.00
	1185	560	31.4	9.2	1.79	.83	.98	1.00	30.0	8.8	2.02	.86	1.00	1.00	28.4	8.3	2.29	.88	1.00	1.00	26.8	7.9	2.60	.91	1.00	1.00
67°F (19°C)	945	445	31.6	9.3	1.79	.63	.76	.89	30.2	8.9	2.02	.64	.78	.91	28.6	8.4	2.29	.65	.80	.94	26.8	7.9	2.60	.66	.82	.96
	1050	495	32.2	9.4	1.79	.64	.78	.92	30.6	9.0	2.03	.65	.80	.94	29.0	8.5	2.30	.66	.82	.97	27.0	7.9	2.60	.68	.85	.99
	1185	560	32.8	9.6	1.80	.66	.81	.96	31.2	9.1	2.03	.67	.84	.98	29.4	8.6	2.30	.69	.86	1.00	27.6	8.1	2.61	.71	.89	1.00
71°F (22°C)	945	445	33.2	9.7	1.80	.48	.61	.74	31.6	9.3	2.03	.48	.62	.75	30.0	8.8	2.30	.48	.64	.77	28.2	8.3	2.62	.50	.65	.80
	1050	495	33.8	9.9	1.81	.48	.63	.76	32.2	9.4	2.04	.49	.64	.78	30.4	8.9	2.31	.50	.65	.80	28.6	8.4	2.62	.51	.67	.83
	1185	560	34.4	10.1	1.81	.50	.65	.79	32.8	9.6	2.05	.51	.66	.81	31.0	9.1	2.32	.51	.68	.84	29.0	8.5	2.62	.52	.70	.87

COOLING CAPACITY - XC13-030 RFC System with

[CR33-24B-F + G61MPV-36B-070]
[CR33-24B-F + G71MPP-36B-070]

63°F (17°C)	930	440	28.8	8.4	1.76	.78	.93	1.00	27.4	8.0	2.00	.80	.95	1.00	26.0	7.6	2.26	.82	.97	1.00	24.4	7.2	2.57	.85	.99	1.00
	1010	475	29.2	8.6	1.77	.80	.95	1.00	28.0	8.2	2.00	.82	.97	1.00	26.4	7.7	2.27	.84	.99	1.00	24.8	7.3	2.57	.87	1.00	1.00
	1105	520	29.8	8.7	1.77	.83	.97	1.00	28.4	8.3	2.00	.85	.99	1.00	26.8	7.9	2.27	.87	1.00	1.00	25.2	7.4	2.57	.90	1.00	1.00
67°F (19°C)	930	440	30.4	8.9	1.78	.63	.76	.89	28.8	8.4	2.01	.64	.78	.92	27.2	8.0	2.27	.65	.80	.94	25.4	7.4	2.57	.66	.83	.97
	1010	475	30.8	9.0	1.78	.64	.78	.92	29.2	8.6	2.01	.65	.80	.94	27.6	8.1	2.28	.66	.82	.97	25.8	7.6	2.58	.68	.85	.99
	1105	520	31.2	9.1	1.78	.65	.80	.95	29.6	8.7	2.01	.66	.82	.97	28.0	8.2	2.28	.68	.85	.99	26.0	7.6	2.58	.70	.88	1.00
71°F (22°C)	930	440	31.8	9.3	1.79	.47	.61	.74	30.2	8.9	2.02	.48	.62	.76	28.6	8.4	2.28	.49	.64	.78	26.8	7.9	2.59	.50	.65	.81
	1010	475	32.2	9.4	1.79	.48	.62	.76	30.6	9.0	2.03	.49	.64	.78	29.0	8.5	2.29	.50	.65	.80	27.0	7.9	2.59	.51	.67	.83
	1105	520	32.8	9.6	1.80	.49	.64	.78	31.2	9.1	2.03	.50	.65	.80	29.4	8.6	2.29	.51	.67	.83	27.4	8.0	2.59	.52	.69	.86

COOLING CAPACITY - XC13-030 TXV System with

[CR33-30/36B-F + G60DFV-36B-090]

63°F (17°C)	920	435	30.8	9.0	1.78	.78	.92	1.00	29.4	8.6	2.01	.80	.94	1.00	27.8	8.1	2.29	.82	.97	1.00	26.0	7.6	2.60	.84	1.00	1.00
	1040	490	31.6	9.3	1.79	.81	.96	1.00	30.0	8.8	2.02	.83	.98	1.00	28.4	8.3	2.29	.85	1.00	1.00	26.8	7.9	2.60	.88	1.00	1.00
	1195	565	32.4	9.5	1.79	.85	1.00	1.00	30.8	9.0	2.03	.86	1.00	1.00	29.4	8.6	2.30	.89	1.00	1.00	27.6	8.1	2.61	.92	1.00	1.00
67°F (19°C)	920	435	32.4	9.5	1.79	.62	.76	.89	30.8	9.0	2.03	.63	.77	.91	29.2	8.6	2.30	.64	.79	.94	27.2	8.0	2.61	.65	.82	.97
	1040	490	33.0	9.7	1.80	.64	.79	.93	31.4	9.2	2.03	.65	.81	.96	29.8	8.7	2.30	.66	.83	.98	27.8	8.1	2.61	.68	.86	1.00
	1195	565	33.8	9.9	1.81	.66	.83	.97	32.2	9.4	2.04	.67	.85	.99	30.4	8.9	2.31	.69	.87	1.00	28.4	8.3	2.62	.71	.90	1.00
71°F (22°C)	920	435	34.0	10.0	1.81	.47	.60	.73	32.4	9.5	2.04	.48	.61	.75	30.6	9.0	2.31	.48	.63	.77	28.6	8.4	2.62	.49	.64	.80
	1040	490	34.8	10.2	1.82	.48	.62	.77	33.0	9.7	2.05	.48	.64	.79	31.2	9.1	2.32	.49	.65	.81	29.2	8.6	2.63	.50	.67	.84
	1195	565	35.4	10.4	1.82	.49	.65	.80	33.6	9.8	2.05	.50	.66	.82	31.8	9.3	2.32	.51	.68	.85	29.6	8.7	2.63	.51	.70	.88

COOLING CAPACITY - XC13-030 RFC System with

[CR33-30/36B-F + G60DFV-36B-090]

63°F (17°C)	920	435	29.6	8.7	1.77	.79	.93	1.00	28.2	8.3	2.00	.80	.95	1.00	26.6	7.8	2.27	.83	.98	1.00	24.8	7.3	2.57	.85	1.00	1.00
	1040	490	30.4	8.9	1.78	.82	.97	1.00	28.8	8.4	2.01	.84	.99	1.00	27.2	8.0	2.27	.86	1.00	1.00	25.6	7.5	2.58	.89	1.00	1.00
	1195	565	31.0	9.1	1.78	.86																				

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

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
COOLING CAPACITY - XC13-030 TXV System with [CR33-30/36B-F + G61MPV-36B-045]																										
63°F (17°C)	945	445	31.0	9.1	1.78	.79	.93	1.00	29.6	8.7	2.02	.81	.95	1.00	28.0	8.2	2.29	.83	.98	1.00	26.2	7.7	2.60	.85	1.00	1.00
	1050	495	31.6	9.3	1.79	.82	.97	1.00	30.2	8.9	2.02	.83	.99	1.00	28.4	8.3	2.29	.86	1.00	1.00	26.8	7.9	2.60	.89	1.00	1.00
	1185	560	32.4	9.5	1.79	.85	1.00	1.00	30.8	9.0	2.03	.87	1.00	1.00	29.4	8.6	2.30	.89	1.00	1.00	27.6	8.1	2.61	.93	1.00	1.00
67°F (19°C)	945	445	32.6	9.6	1.80	.62	.77	.90	31.0	9.1	2.03	.63	.78	.92	29.2	8.6	2.30	.65	.80	.95	27.4	8.0	2.61	.66	.83	.98
	1050	495	33.2	9.7	1.80	.64	.79	.94	31.6	9.3	2.04	.65	.81	.96	29.8	8.7	2.30	.67	.84	.98	27.8	8.1	2.61	.69	.86	1.00
	1185	560	33.8	9.9	1.81	.66	.83	.97	32.2	9.4	2.04	.68	.85	.99	30.4	8.9	2.31	.69	.87	1.00	28.4	8.3	2.62	.71	.90	1.00
71°F (22°C)	945	445	34.2	10.0	1.81	.48	.61	.74	32.6	9.6	2.04	.48	.62	.76	30.8	9.0	2.31	.49	.64	.78	28.8	8.4	2.62	.49	.65	.81
	1050	495	34.8	10.2	1.82	.49	.63	.77	33.2	9.7	2.05	.49	.64	.79	31.4	9.2	2.32	.50	.66	.81	29.2	8.6	2.63	.51	.68	.84
	1185	560	35.4	10.4	1.82	.49	.65	.80	33.6	9.8	2.05	.50	.67	.83	31.8	9.3	2.32	.51	.68	.85	29.6	8.7	2.63	.52	.71	.88
COOLING CAPACITY - XC13-030 RFC System with [CR33-30/36B-F + G61MPV-36B-045]																										
63°F (17°C)	840	395	29.0	8.5	1.76	.77	.91	1.00	27.6	8.1	2.00	.78	.93	1.00	26.2	7.7	2.26	.80	.95	1.00	24.4	7.2	2.57	.83	.98	1.00
	970	460	30.0	8.8	1.77	.80	.95	1.00	28.4	8.3	2.00	.82	.97	1.00	26.8	7.9	2.27	.84	.99	1.00	25.2	7.4	2.57	.87	1.00	1.00
	1150	545	31.0	9.1	1.78	.85	1.00	1.00	29.4	8.6	2.01	.87	1.00	1.00	28.0	8.2	2.28	.89	1.00	1.00	26.2	7.7	2.58	.93	1.00	1.00
67°F (19°C)	840	395	30.6	9.0	1.78	.61	.74	.87	29.0	8.5	2.01	.62	.76	.90	27.4	8.0	2.28	.63	.78	.92	25.6	7.5	2.58	.65	.81	.96
	970	460	31.4	9.2	1.79	.63	.78	.92	29.8	8.7	2.02	.64	.80	.94	28.2	8.3	2.28	.66	.82	.97	26.2	7.7	2.58	.68	.85	1.00
	1150	545	32.2	9.4	1.79	.66	.83	.98	30.6	9.0	2.03	.68	.85	1.00	28.8	8.4	2.29	.69	.87	1.00	27.0	7.9	2.59	.71	.91	1.00
71°F (22°C)	840	395	32.0	9.4	1.79	.47	.60	.72	30.6	9.0	2.02	.47	.61	.74	28.8	8.4	2.29	.48	.62	.76	27.0	7.9	2.59	.49	.64	.78
	970	460	33.0	9.7	1.80	.48	.62	.76	31.4	9.2	2.03	.49	.63	.78	29.6	8.7	2.30	.49	.65	.80	27.6	8.1	2.59	.50	.67	.83
	1150	545	33.8	9.9	1.81	.48	.65	.81	32.2	9.4	2.04	.50	.67	.83	30.4	8.9	2.30	.51	.68	.85	28.2	8.3	2.60	.52	.71	.89
COOLING CAPACITY - XC13-030 TXV System with [CR33-30/36B-F + G61MPV-36B-070]																										
63°F (17°C)	830	390	30.2	8.9	1.77	.76	.89	1.00	28.8	8.4	2.01	.77	.91	1.00	27.2	8.0	2.28	.79	.94	1.00	25.4	7.4	2.59	.82	.97	1.00
	1010	475	31.4	9.2	1.79	.80	.95	1.00	30.0	8.8	2.02	.82	.97	1.00	28.2	8.3	2.29	.84	.99	1.00	26.6	7.8	2.60	.87	1.00	1.00
	1155	545	32.2	9.4	1.79	.84	.99	1.00	30.6	9.0	2.03	.86	1.00	1.00	29.2	8.6	2.30	.88	1.00	1.00	27.4	8.0	2.61	.92	1.00	1.00
67°F (19°C)	830	390	31.8	9.3	1.79	.60	.73	.86	30.2	8.9	2.02	.61	.75	.88	28.6	8.4	2.29	.63	.77	.91	26.8	7.9	2.60	.64	.79	.94
	1010	475	33.0	9.7	1.80	.63	.78	.92	31.4	9.2	2.03	.65	.80	.94	29.6	8.7	2.30	.66	.82	.97	27.6	8.1	2.61	.68	.85	1.00
	1155	545	33.6	9.8	1.80	.66	.82	.97	32.0	9.4	2.04	.67	.84	.99	30.2	8.9	2.30	.69	.86	1.00	28.2	8.3	2.61	.71	.89	1.00
71°F (22°C)	830	390	33.2	9.7	1.80	.46	.59	.71	31.8	9.3	2.04	.47	.60	.73	30.2	8.9	2.31	.47	.61	.75	28.2	8.3	2.62	.48	.63	.77
	1010	475	34.6	10.1	1.81	.48	.62	.76	33.0	9.7	2.05	.49	.63	.78	31.2	9.1	2.32	.49	.65	.80	29.2	8.6	2.62	.50	.67	.83
	1155	545	35.4	10.4	1.82	.49	.65	.80	33.6	9.8	2.05	.49	.66	.82	31.6	9.3	2.32	.50	.68	.84	29.6	8.7	2.63	.51	.70	.87
COOLING CAPACITY - XC13-030 RFC System with [CR33-30/36B-F + G61MPV-36B-070]																										
63°F (17°C)	830	390	29.0	8.5	1.77	.76	.90	1.00	27.6	8.1	2.00	.78	.92	1.00	26.0	7.6	2.26	.80	.95	1.00	24.4	7.2	2.57	.83	.98	1.00
	950	450	29.8	8.7	1.77	.80	.94	1.00	28.4	8.3	2.00	.81	.97	1.00	26.8	7.9	2.27	.84	.99	1.00	25.0	7.3	2.57	.87	1.00	1.00
	1065	505	30.4	8.9	1.78	.83	.98	1.00	29.0	8.5	2.01	.85	1.00	1.00	27.4	8.0	2.27	.87	1.00	1.00	25.8	7.6	2.58	.90	1.00	1.00
67°F (19°C)	830	390	30.4	8.9	1.78	.61	.74	.87	29.0	8.5	2.01	.62	.76	.89	27.4	8.0	2.27	.63	.78	.92	25.6	7.5	2.58	.65	.80	.95
	950	450	31.2	9.1	1.78	.63	.77	.91	29.6	8.7	2.02	.64	.79	.94	28.0	8.2	2.28	.65	.82	.96	26.2	7.7	2.58	.67	.84	.99
	1065	505	31.8	9.3	1.79	.65	.80	.95	30.2	8.9	2.02	.66	.82	.97	28.6	8.4	2.28	.68	.85	1.00	26.6	7.8	2.58	.69	.88	1.00
71°F (22°C)	830	390	32.0	9.4	1.79	.47	.59	.72	30.4	8.9	2.02	.47	.60	.73	28.8	8.4	2.29	.48	.62	.76	27.0	7.9	2.59	.48	.63	.78
	950	450	32.8	9.6	1.80	.48	.62	.75	31.2	9.1	2.03	.48	.63	.77	29.4	8.6	2.29	.49	.64	.79	27.4	8.0	2.59	.50	.66	.82
	1065	505	33.4	9.8	1.81	.49	.64	.78	31.8	9.3	2.04	.49	.65	.80	30.0	8.8	2.30	.50	.67	.83	27.8	8.1	2.60	.51	.69	.86

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

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

COOLING CAPACITY - XC13-030 TXV System with [CH23-51]

63°F (17°C)	875	415	30.0	8.8	1.77	.76	.89	1.00	28.6	8.4	2.01	.77	.91	1.00	27.0	7.9	2.28	.79	.94	1.00	25.4	7.4	2.59	.82	.97	1.00
	1000	470	30.8	9.0	1.78	.79	.93	1.00	29.4	8.6	2.01	.80	.95	1.00	27.8	8.1	2.29	.82	.98	1.00	26.2	7.7	2.60	.85	1.00	1.00
	1125	530	31.4	9.2	1.79	.81	.96	1.00	30.0	8.8	2.02	.83	.99	1.00	28.6	8.4	2.29	.86	1.00	1.00	27.0	7.9	2.60	.89	1.00	1.00
67°F (19°C)	875	415	31.8	9.3	1.79	.61	.74	.86	30.2	8.9	2.02	.62	.75	.88	28.6	8.4	2.29	.63	.77	.91	26.8	7.9	2.60	.65	.79	.94
	1000	470	32.6	9.6	1.80	.63	.76	.90	31.0	9.1	2.03	.64	.78	.93	29.2	8.6	2.30	.65	.80	.95	27.4	8.0	2.61	.67	.83	.98
	1125	530	33.2	9.7	1.80	.64	.79	.94	31.6	9.3	2.03	.66	.81	.96	29.8	8.7	2.30	.67	.83	.99	27.8	8.1	2.61	.69	.86	1.00
71°F (22°C)	875	415	33.4	9.8	1.80	.47	.60	.71	32.0	9.4	2.04	.48	.61	.73	30.2	8.9	2.31	.48	.62	.75	28.4	8.3	2.62	.49	.63	.77
	1000	470	34.2	10.0	1.81	.48	.61	.74	32.6	9.6	2.04	.48	.63	.76	30.8	9.0	2.31	.49	.64	.78	28.8	8.4	2.62	.50	.66	.81
	1125	530	35.0	10.3	1.82	.49	.63	.77	33.2	9.7	2.05	.50	.64	.79	31.4	9.2	2.32	.50	.66	.81	29.4	8.6	2.63	.51	.68	.84

COOLING CAPACITY - XC13-030 TXV System with [CH33-25A-2F]

63°F (17°C)	875	415	30.4	8.9	1.78	.77	.91	1.00	29.0	8.5	2.01	.79	.93	1.00	27.4	8.0	2.28	.81	.96	1.00	25.6	7.5	2.59	.83	.99	1.00
	1000	470	31.2	9.1	1.78	.80	.95	1.00	29.6	8.7	2.02	.82	.97	1.00	28.0	8.2	2.29	.84	1.00	1.00	26.4	7.7	2.60	.87	1.00	1.00
	1125	530	31.8	9.3	1.79	.83	.99	1.00	30.4	8.9	2.02	.85	1.00	1.00	28.8	8.4	2.29	.87	1.00	1.00	27.2	8.0	2.61	.91	1.00	1.00
67°F (19°C)	875	415	32.0	9.4	1.79	.62	.75	.88	30.4	8.9	2.02	.62	.76	.90	28.8	8.4	2.29	.64	.78	.93	27.0	7.9	2.61	.65	.81	.96
	1000	470	32.8	9.6	1.80	.63	.78	.92	31.2	9.1	2.03	.65	.80	.94	29.6	8.7	2.30	.66	.82	.97	27.6	8.1	2.61	.67	.85	1.00
	1125	530	33.4	9.8	1.80	.65	.81	.96	31.8	9.3	2.04	.67	.83	.98	30.0	8.8	2.31	.68	.85	1.00	28.0	8.2	2.61	.70	.88	1.00
71°F (22°C)	875	415	33.6	9.8	1.80	.48	.61	.73	32.0	9.4	2.04	.48	.61	.74	30.4	8.9	2.31	.49	.62	.76	28.4	8.3	2.62	.49	.64	.79
	1000	470	34.4	10.1	1.81	.48	.62	.76	32.8	9.6	2.05	.49	.63	.77	31.0	9.1	2.32	.50	.65	.80	29.0	8.5	2.62	.51	.66	.83
	1125	530	35.2	10.3	1.82	.50	.64	.79	33.4	9.8	2.05	.50	.65	.81	31.6	9.3	2.32	.51	.67	.83	29.4	8.6	2.63	.51	.70	.86

COOLING CAPACITY - XC13-030 RFC System with [CH33-25A-2F]

63°F (17°C)	875	415	29.2	8.6	1.77	.78	.92	1.00	27.8	8.1	2.00	.80	.94	1.00	26.2	7.7	2.27	.82	.97	1.00	24.4	7.2	2.57	.84	1.00	1.00
	1000	470	30.0	8.8	1.77	.81	.96	1.00	28.4	8.3	2.00	.83	.99	1.00	27.0	7.9	2.27	.85	1.00	1.00	25.2	7.4	2.57	.88	1.00	1.00
	1125	530	30.6	9.0	1.78	.84	1.00	1.00	29.0	8.5	2.01	.86	1.00	1.00	27.6	8.1	2.28	.89	1.00	1.00	26.0	7.6	2.58	.92	1.00	1.00
67°F (19°C)	875	415	30.6	9.0	1.78	.62	.75	.89	29.2	8.6	2.01	.63	.77	.91	27.6	8.1	2.28	.65	.80	.94	25.8	7.6	2.58	.66	.82	.97
	1000	470	31.4	9.2	1.79	.64	.78	.93	30.0	8.8	2.02	.65	.81	.96	28.2	8.3	2.28	.67	.83	.98	26.4	7.7	2.58	.68	.86	1.00
	1125	530	32.2	9.4	1.79	.66	.82	.97	30.6	9.0	2.02	.67	.84	.99	28.8	8.4	2.29	.68	.87	1.00	26.8	7.9	2.59	.71	.90	1.00
71°F (22°C)	875	415	32.4	9.5	1.79	.48	.61	.74	30.8	9.0	2.02	.48	.62	.75	29.0	8.5	2.29	.49	.63	.77	27.2	8.0	2.59	.50	.65	.80
	1000	470	33.0	9.7	1.80	.48	.62	.77	31.4	9.2	2.03	.49	.64	.78	29.6	8.7	2.29	.50	.65	.81	27.6	8.1	2.59	.51	.67	.84
	1125	530	33.8	9.9	1.81	.50	.65	.80	32.0	9.4	2.04	.50	.66	.82	30.2	8.9	2.30	.51	.68	.84	28.2	8.3	2.60	.52	.70	.88

COOLING CAPACITY - XC13-030 TXV System with [CH33-25B-2F]

63°F (17°C)	875	415	30.2	8.9	1.78	.78	.91	1.00	28.8	8.4	2.01	.79	.94	1.00	27.4	8.0	2.28	.81	.96	1.00	25.6	7.5	2.60	.84	.99	1.00
	1000	470	31.0	9.1	1.78	.81	.96	1.00	29.6	8.7	2.02	.83	.98	1.00	28.2	8.3	2.29	.85	1.00	1.00	26.4	7.7	2.60	.88	1.00	1.00
	1125	530	31.8	9.3	1.79	.83	.99	1.00	30.4	8.9	2.02	.86	1.00	1.00	28.8	8.4	2.30	.88	1.00	1.00	27.2	8.0	2.61	.91	1.00	1.00
67°F (19°C)	875	415	31.6	9.3	1.79	.62	.76	.89	30.2	8.9	2.02	.63	.77	.91	28.6	8.4	2.29	.65	.79	.93	26.8	7.9	2.60	.66	.82	.96
	1000	470	32.4	9.5	1.79	.64	.79	.93	31.0	9.1	2.03	.65	.80	.95	29.2	8.6	2.30	.67	.83	.98	27.4	8.0	2.61	.68	.86	1.00
	1125	530	33.2	9.7	1.80	.66	.82	.96	31.6	9.3	2.03	.67	.84	.98	29.8	8.7	2.30	.69	.86	1.00	27.8	8.1	2.61	.71	.89	1.00
71°F (22°C)	875	415	33.0	9.7	1.80	.48	.61	.73	31.4	9.2	2.03	.49	.62	.75	29.8	8.7	2.30	.49	.63	.77	28.0	8.2	2.61	.50	.65	.79
	1000	470	33.8	9.9	1.81	.49	.63	.76	32.2	9.4	2.04	.50	.64	.78	30.6	9.0	2.31	.50	.66	.81	28.6	8.4	2.62	.51	.68	.83
	1125	530	34.6	10.1	1.81	.50	.65	.80	33.0	9.7	2.05	.50	.66	.82	31.2	9.1	2.32	.51	.68	.84	29.2	8.6	2.62	.52	.70	.87

COOLING CAPACITY - XC13-030 RFC System with [CH33-25B-2F]

63°F (17°C)	875	415	29.0	8.5	1.77	.79	.93	1.00	27.6	8.1	2.00	.80	.95	1.00	26.2	7.7	2.26	.82	.97	1.00	24.6	7.2	2.57	.85	1.00	1.00
	1000	470	29.8	8.7	1.77	.82	.97	1.00	28.6	8.4	2.01	.83	.99	1.00	27.0	7.9	2.27	.86	1.00	1.00	25.4	7.4	2.57	.89	1.00	1.00
	1125	530	30.6	9.0	1.78	.85	1.00	1.00	29.2	8.6	2.01	.87	1.00	1.00	27.8	8.1	2.28	.89	1.00	1.00	26.2	7.7	2.58	.93	1.00	1.00
67°F (19°C)	875	415	30.4	8.9	1.78	.63	.76	.89	29.0	8.5	2.01	.64	.78	.92	27.4	8.0	2.27	.65	.80	.95	25.6	7.5	2.58	.67	.83	.98
	1000	470	31.2	9.1	1.78	.65	.79	.94	29.6	8.7	2.01	.66	.81	.96	28.0	8.2	2.28	.67	.84	.99	26.2	7.7	2.58	.69	.87	1.00
	1125	530	31.8	9.3	1.79	.67	.82	.97	30.2	8.9	2.02	.68	.85	.99	28.6	8.4	2.29	.70	.87	1.00	26.6	7.8	2.59	.72	.91	1.00
71°F (22°C)	875	415	31.6	9.3	1.79	.48	.62	.74	30.2	8.9	2.02	.49	.63	.76	28.6	8.4	2.28	.50	.64	.78	26.8	7.9	2.59	.50	.66	.81
	1000	470	32.6	9.6	1.80	.49	.64	.77	31.0	9.1	2.03	.50	.65	.79	29.2	8.6	2.29	.51	.66	.82	27.4	8.0	2.59	.52	.68	.85
	1125	530	33.2	9.7	1.80	.50	.65	.80	31.6	9.3	2.03	.51	.67	.83	29.8	8.7	2.30	.52	.69	.85	27.8	8.1	2.60	.53	.71	.88

COOLING CAPACITY - XC13-030 TXV System with [CH33-31A-2F]

63°F (17°C)	875	415	31.0	9.1	1.78	.78	.92	1.00	29.4	8.6	2.02	.80	.95	1.00	27.8	8.1	2.29	.82	.98	1.00	26.0	7.6	2.60	.85	1.00	1.00
	1000	470	31.8	9.3	1.79	.81	.97	1.00	30.2	8.9	2.02	.83	.99	1.00	28.6	8.4	2.29	.86	1.00	1.00	27.0	7.9	2.61	.89	1.00	1.00
	1125	530	32.6	9.6	1.79	.85	1.00	1.00	31.0	9.1	2.03	.87	1.00	1.00	29.6	8.7	2.30	.90	1.00	1.00	27.4	8.1	2.61	.93	1.00	1.00
67°F (19°C)	875	415	32.6	9.6	1.80	.62	.76	.89	31.0	9.1	2.03	.64	.78	.91	29.4	8.6	2.30	.65	.80	.94	27.4</					

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

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

COOLING CAPACITY - XC13-030 RFC System with

[CH33-31A-2F]

63°F (17°C)	875	415	29.8	8.7	1.77	.79	.93	1.00	28.2	8.3	2.00	.81	.96	1.00	26.8	7.9	2.27	.83	.99	1.00	25.0	7.3	2.57	.86	1.00	1.00
	1000	470	30.6	9.0	1.78	.82	.98	1.00	29.0	8.5	2.01	.84	1.00	1.00	27.6	8.1	2.27	.87	1.00	1.00	25.8	7.6	2.58	.90	1.00	1.00
	1125	530	31.2	9.1	1.78	.86	1.00	1.00	30.0	8.8	2.02	.88	1.00	1.00	28.4	8.3	2.28	.91	1.00	1.00	26.8	7.9	2.59	.95	1.00	1.00
67°F (19°C)	875	415	31.4	9.2	1.79	.62	.76	.90	29.8	8.7	2.02	.64	.78	.93	28.2	8.3	2.28	.65	.81	.96	26.2	7.7	2.58	.67	.84	.99
	1000	470	32.2	9.4	1.79	.65	.80	.95	30.6	9.0	2.02	.66	.82	.98	28.8	8.4	2.29	.68	.85	1.00	26.8	7.9	2.59	.70	.88	1.00
	1125	530	32.8	9.6	1.80	.67	.84	.99	31.2	9.1	2.03	.68	.86	1.00	29.2	8.6	2.29	.70	.89	1.00	27.2	8.0	2.59	.73	.92	1.00
71°F (22°C)	875	415	33.0	9.7	1.80	.48	.61	.74	31.4	9.2	2.03	.48	.63	.76	29.6	8.7	2.30	.49	.64	.79	27.6	8.1	2.60	.50	.66	.81
	1000	470	33.8	9.9	1.81	.49	.64	.78	32.2	9.4	2.04	.50	.65	.80	30.2	8.9	2.30	.50	.67	.83	28.2	8.3	2.60	.51	.69	.86
	1125	530	34.4	10.1	1.82	.50	.66	.81	32.6	9.6	2.04	.51	.67	.84	30.6	9.0	2.31	.51	.70	.86	28.6	8.4	2.60	.52	.71	.90

COOLING CAPACITY - XC13-030 TXV System with

[CH33-31B-2F]

63°F (17°C)	875	415	31.0	9.1	1.78	.77	.91	1.00	29.6	8.7	2.02	.79	.93	1.00	28.0	8.2	2.29	.81	.96	1.00	26.2	7.7	2.60	.83	.99	1.00
	1000	470	31.8	9.3	1.79	.80	.95	1.00	30.4	8.9	2.02	.82	.98	1.00	28.6	8.4	2.29	.84	1.00	1.00	27.0	7.9	2.60	.87	1.00	1.00
	1125	530	32.6	9.6	1.80	.83	.99	1.00	31.0	9.1	2.03	.85	1.00	1.00	29.6	8.7	2.30	.88	1.00	1.00	27.8	8.1	2.61	.91	1.00	1.00
67°F (19°C)	875	415	32.6	9.6	1.79	.61	.75	.88	31.0	9.1	2.03	.63	.76	.90	29.4	8.6	2.30	.64	.79	.93	27.6	8.1	2.61	.65	.81	.96
	1000	470	33.6	9.8	1.80	.63	.78	.92	32.0	9.4	2.04	.64	.80	.95	30.2	8.9	2.31	.66	.82	.98	28.2	8.3	2.61	.68	.85	1.00
	1125	530	34.2	10.0	1.81	.65	.81	.96	32.6	9.6	2.04	.67	.83	.99	30.8	9.0	2.31	.68	.86	1.00	28.6	8.4	2.62	.70	.89	1.00
71°F (22°C)	875	415	34.2	10.0	1.81	.48	.60	.73	32.8	9.6	2.05	.47	.61	.74	31.0	9.1	2.31	.49	.63	.76	29.0	8.5	2.62	.49	.63	.79
	1000	470	35.0	10.3	1.82	.48	.61	.76	33.4	9.8	2.05	.49	.62	.78	31.6	9.3	2.32	.50	.65	.80	29.6	8.7	2.63	.50	.67	.83
	1125	530	35.8	10.5	1.82	.49	.64	.79	34.0	10.0	2.06	.50	.66	.81	32.2	9.4	2.33	.51	.67	.83	30.2	8.9	2.64	.51	.70	.87

COOLING CAPACITY - XC13-030 RFC System with

[CH33-31B-2F]

63°F (17°C)	875	415	29.8	8.7	1.77	.78	.92	1.00	28.4	8.3	2.00	.80	.95	1.00	26.8	7.9	2.27	.82	.97	1.00	25.0	7.3	2.57	.85	1.00	1.00
	1000	470	30.6	9.0	1.78	.81	.97	1.00	29.2	8.6	2.01	.83	.99	1.00	27.6	8.1	2.27	.86	1.00	1.00	26.0	7.6	2.58	.89	1.00	1.00
	1125	530	31.4	9.2	1.78	.84	1.00	1.00	29.8	8.7	2.02	.86	1.00	1.00	28.4	8.3	2.28	.89	1.00	1.00	26.6	7.8	2.59	.93	1.00	1.00
67°F (19°C)	875	415	31.4	9.2	1.78	.62	.76	.89	29.8	8.7	2.02	.63	.77	.91	28.2	8.3	2.28	.65	.80	.94	26.4	7.7	2.58	.66	.82	.97
	1000	470	32.2	9.4	1.79	.64	.79	.93	30.6	9.0	2.02	.64	.81	.96	28.8	8.4	2.29	.67	.83	.99	27.0	7.9	2.59	.69	.86	1.00
	1125	530	32.8	9.6	1.80	.65	.82	.97	31.2	9.1	2.03	.68	.84	1.00	29.4	8.6	2.29	.69	.87	1.00	27.4	8.0	2.59	.71	.90	1.00
71°F (22°C)	875	415	33.0	9.7	1.80	.47	.60	.73	31.4	9.2	2.03	.48	.62	.75	29.6	8.7	2.29	.49	.63	.77	27.6	8.1	2.59	.50	.64	.80
	1000	470	33.6	9.8	1.81	.48	.61	.77	32.0	9.4	2.04	.49	.63	.79	30.2	8.9	2.30	.50	.65	.81	28.2	8.3	2.60	.51	.68	.84
	1125	530	34.2	10.0	1.81	.50	.65	.80	32.6	9.6	2.05	.49	.66	.82	30.8	9.0	2.31	.51	.68	.84	28.8	8.4	2.61	.52	.71	.88

COOLING CAPACITY - XC13-030 TXV System with

[CH33-36A/B-2F]

63°F (17°C)	850	400	29.8	8.7	1.77	.76	.89	1.00	28.4	8.3	2.01	.77	.91	1.00	26.8	7.9	2.28	.79	.94	1.00	25.2	7.4	2.59	.81	.97	1.00
	1000	470	30.8	9.0	1.78	.79	.94	1.00	29.2	8.6	2.01	.81	.96	1.00	27.8	8.1	2.28	.83	.98	1.00	25.8	7.6	2.60	.86	1.00	1.00
	1150	545	31.6	9.3	1.79	.82	.98	1.00	30.0	8.8	2.02	.84	1.00	1.00	28.4	8.3	2.29	.87	1.00	1.00	26.8	7.9	2.61	.90	1.00	1.00
67°F (19°C)	850	400	31.4	9.2	1.78	.61	.74	.86	30.0	8.8	2.02	.62	.75	.88	28.4	8.3	2.29	.63	.77	.90	26.6	7.8	2.60	.64	.79	.93
	1000	470	32.4	9.5	1.79	.63	.77	.90	30.8	9.0	2.03	.64	.78	.93	29.2	8.6	2.30	.65	.81	.95	27.4	8.0	2.61	.67	.83	.99
	1150	545	33.2	9.7	1.80	.65	.80	.95	31.6	9.3	2.03	.66	.82	.97	29.8	8.7	2.30	.67	.84	1.00	27.8	8.1	2.61	.70	.87	1.00
71°F (22°C)	850	400	33.0	9.7	1.80	.47	.59	.71	31.6	9.3	2.03	.48	.60	.73	29.8	8.7	2.30	.48	.61	.74	28.0	8.2	2.62	.49	.63	.76
	1000	470	34.0	10.0	1.81	.48	.62	.74	32.4	9.5	2.04	.49	.63	.76	30.8	9.0	2.31	.49	.64	.78	28.8	8.4	2.62	.50	.66	.81
	1150	545	34.8	10.2	1.82	.49	.64	.78	33.2	9.7	2.05	.50	.65	.80	31.4	9.2	2.32	.51	.66	.82	29.2	8.6	2.62	.51	.68	.85

COOLING CAPACITY - XC13-030 RFC System with

[CH33-36A-2F]

63°F (17°C)	875	415	28.8	8.4	1.76	.77	.90	1.00	27.4	8.0	2.00	.79	.93	1.00	25.8	7.6	2.26	.81	.96	1.00	24.2	7.1	2.57	.83	.99	1.00
	1000	470	29.6	8.7	1.77	.80	.95	1.00	28.2	8.3	2.00	.82	.97	1.00	26.6	7.8	2.27	.84	1.00	1.00	24.8	7.3	2.57	.87	1.00	1.00
	1125	530	30.2	8.9	1.78	.83	.98	1.00	28.6	8.4	2.01	.85	1.00	1.00	27.2	8.0	2.27	.87	1.00	1.00	25.6	7.5	2.58	.90	1.00	1.00
67°F (19°C)	875	415	30.4	8.9	1.78	.62	.75	.87	28.8	8.4	2.01	.62	.76	.90	27.2	8.0	2.27	.64	.78	.92	25.4	7.4	2.58	.65	.81	.96
	1000	470	31.0	9.1	1.78	.63	.77	.91	29.6	8.7	2.01	.64	.79	.94	28.0	8.2	2.28	.66	.82	.97	26.0	7.6	2.58	.68	.85	1.00
	1125	530	31.6	9.3	1.79	.65	.81	.95	30.2	8.9	2.02	.66	.82	.98	28.4	8.3	2.28	.68	.85	1.00	26.6	7.8	2.58	.70	.88	1.00
71°F (22°C)	875	415	32.0	9.4	1.79	.48	.60	.72	30.4	8.9	2.02	.48	.61	.74	28.8	8.4	2.29	.49	.62	.76	27.0	7.9	2.59	.49	.64	.79
	1000	470	32.8	9.6	1.80	.48	.62	.75	31.2	9.1	2.03	.49	.63	.77	29.4	8.6	2.29	.50	.65	.79	27.4	8.0	2.59	.51	.66	.82
	1125	530	33.4	9.8	1.80	.49	.64	.78	31.8	9.3	2.04	.50	.65	.80	29.8	8.7	2.30	.51	.67	.83	27.8	8.1	2.60	.52	.69	.86

COOLING CAPACITY - XC13-030 RFC System with

[CH33-36B-2F]

63°F (17°C)	875	415	29.0	8.5	1.77	.78	.92	1.00	27.6	8.1	2.00	.80	.94	1.00	26.0	7.6	2.26	.82	.97	1.00	24.4	7.2	2.57	.85	1.00	1.00
	960	455	29.6	8.7	1.77	.80	.95	1.00	28.2	8.3	2.00	.82	.97	1.00	26.6	7.8	2.27	.84	.99	1.00	25.0	7.3	2.57	.87	1.00	1.00
	1125	530	30.4	8.9	1.78	.84	.99	1.00	29.0	8.5	2.01	.86	1.00	1.00	27.6	8.1	2.28</									

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

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

COOLING CAPACITY - XC13-030 TXV System with [CH33-36C-2F]

63°F (17°C)	875	415	30.6	9.0	1.78	.78	.92	1.00	29.2	8.6	2.01	.80	.94	1.00	27.6	8.1	2.28	.82	.97	1.00	25.8	7.6	2.60	.84	1.00	1.00
	1000	470	31.4	9.2	1.78	.81	.96	1.00	30.0	8.8	2.02	.83	.98	1.00	28.4	8.3	2.29	.85	1.00	1.00	26.8	7.9	2.60	.88	1.00	1.00
	1125	530	32.2	9.4	1.79	.84	.99	1.00	30.6	9.0	2.03	.86	1.00	1.00	29.2	8.6	2.30	.89	1.00	1.00	27.6	8.1	2.61	.92	1.00	1.00
67°F (19°C)	875	415	32.0	9.4	1.79	.63	.76	.89	30.4	8.9	2.02	.64	.77	.91	28.8	8.4	2.29	.65	.80	.94	27.0	7.9	2.60	.66	.82	.97
	1000	470	32.8	9.6	1.80	.64	.79	.93	31.2	9.1	2.03	.66	.81	.95	29.6	8.7	2.30	.67	.83	.98	27.6	8.1	2.61	.69	.86	1.00
	1125	530	33.6	9.8	1.80	.66	.82	.97	31.8	9.3	2.04	.68	.84	.99	30.0	8.8	2.30	.69	.87	1.00	28.2	8.3	2.62	.71	.90	1.00
71°F (22°C)	875	415	33.2	9.7	1.80	.48	.61	.74	31.8	9.3	2.04	.48	.62	.75	30.2	8.9	2.31	.49	.64	.77	28.2	8.3	2.62	.50	.65	.80
	1000	470	34.2	10.0	1.81	.49	.63	.77	32.6	9.6	2.05	.50	.65	.79	30.8	9.0	2.31	.50	.66	.81	29.0	8.5	2.62	.51	.68	.84
	1125	530	35.0	10.3	1.82	.50	.65	.80	33.4	9.8	2.05	.51	.67	.82	31.6	9.3	2.32	.52	.68	.85	29.4	8.6	2.63	.53	.70	.88

COOLING CAPACITY - XC13-030 RFC System with [CH33-36C-2F]

63°F (17°C)	875	415	29.4	8.6	1.77	.79	.93	1.00	28.0	8.2	2.00	.81	.95	1.00	26.4	7.7	2.27	.83	.98	1.00	24.8	7.3	2.57	.85	1.00	1.00
	1000	470	30.2	8.9	1.77	.82	.97	1.00	28.8	8.4	2.01	.84	.99	1.00	27.2	8.0	2.27	.86	1.00	1.00	25.6	7.5	2.58	.89	1.00	1.00
	1125	530	31.0	9.1	1.78	.85	1.00	1.00	29.4	8.6	2.01	.87	1.00	1.00	28.0	8.2	2.28	.90	1.00	1.00	26.4	7.7	2.58	.93	1.00	1.00
67°F (19°C)	875	415	30.6	9.0	1.78	.63	.77	.90	29.2	8.6	2.01	.64	.78	.92	27.6	8.1	2.28	.65	.81	.95	25.8	7.6	2.58	.67	.83	.98
	1000	470	31.6	9.3	1.79	.65	.80	.94	30.0	8.8	2.02	.66	.82	.97	28.2	8.3	2.28	.68	.84	.99	26.4	7.7	2.58	.70	.87	1.00
	1125	530	32.2	9.4	1.79	.67	.83	.98	30.6	9.0	2.02	.68	.85	1.00	28.8	8.4	2.29	.70	.88	1.00	27.0	7.9	2.59	.72	.91	1.00
71°F (22°C)	875	415	32.0	9.4	1.79	.48	.62	.74	30.4	8.9	2.02	.49	.63	.76	28.8	8.4	2.29	.49	.64	.78	27.0	7.9	2.59	.50	.66	.81
	1000	470	32.8	9.6	1.80	.49	.64	.78	31.2	9.1	2.03	.50	.65	.80	29.6	8.7	2.29	.51	.67	.82	27.6	8.1	2.60	.52	.69	.85
	1125	530	33.6	9.8	1.81	.50	.66	.81	32.0	9.4	2.04	.51	.67	.83	30.2	8.9	2.30	.52	.69	.86	28.0	8.2	2.60	.53	.71	.89

COOLING CAPACITY - XC13-030 TXV System with [CH33-42B-2F]

63°F (17°C)	850	400	30.6	9.0	1.78	.76	.89	1.00	29.0	8.5	2.01	.77	.92	1.00	27.4	8.0	2.28	.79	.94	1.00	25.8	7.6	2.60	.82	.97	1.00
	1000	470	31.6	9.3	1.79	.79	.94	1.00	30.0	8.8	2.02	.81	.97	1.00	28.4	8.3	2.29	.83	.99	1.00	26.6	7.8	2.60	.86	1.00	1.00
	1150	545	32.4	9.5	1.79	.83	.98	1.00	30.8	9.0	2.03	.85	1.00	1.00	29.2	8.6	2.30	.87	1.00	1.00	27.6	8.1	2.61	.90	1.00	1.00
67°F (19°C)	850	400	32.2	9.4	1.79	.61	.73	.86	30.6	9.0	2.02	.61	.75	.88	29.0	8.5	2.29	.63	.77	.91	27.2	8.0	2.60	.64	.78	.94
	1000	470	33.2	9.7	1.80	.63	.77	.91	31.6	9.3	2.04	.63	.79	.93	29.8	8.7	2.30	.65	.81	.96	28.0	8.2	2.61	.67	.84	.99
	1150	545	34.0	10.0	1.81	.65	.81	.95	32.4	9.5	2.04	.66	.83	.98	30.6	9.0	2.31	.68	.85	1.00	28.6	8.4	2.62	.70	.88	1.00
71°F (22°C)	850	400	33.8	9.9	1.81	.47	.60	.71	32.2	9.4	2.04	.48	.60	.73	30.6	9.0	2.31	.48	.62	.75	28.6	8.4	2.62	.49	.63	.77
	1000	470	34.8	10.2	1.82	.48	.60	.75	33.0	9.7	2.05	.49	.62	.76	31.4	9.2	2.32	.50	.64	.79	29.2	8.6	2.62	.50	.66	.82
	1150	545	35.6	10.4	1.82	.49	.64	.78	33.8	9.9	2.06	.50	.65	.80	32.0	9.4	2.33	.50	.67	.83	30.0	8.8	2.63	.52	.69	.86

COOLING CAPACITY - XC13-030 RFC System with [CH33-42B-2F]

63°F (17°C)	900	425	29.6	8.7	1.77	.78	.92	1.00	28.2	8.3	2.00	.80	.94	1.00	26.6	7.8	2.27	.82	.97	1.00	24.8	7.3	2.57	.84	1.00	1.00
	1050	495	30.6	9.0	1.78	.81	.97	1.00	29.0	8.5	2.01	.83	.99	1.00	27.4	8.0	2.27	.86	1.00	1.00	25.8	7.6	2.58	.89	1.00	1.00
	1200	565	31.4	9.2	1.79	.85	1.00	1.00	29.8	8.7	2.02	.87	1.00	1.00	28.4	8.3	2.28	.90	1.00	1.00	26.8	7.9	2.59	.93	1.00	1.00
67°F (19°C)	900	425	31.2	9.1	1.78	.62	.75	.89	29.6	8.7	2.01	.63	.77	.91	28.0	8.2	2.28	.64	.79	.94	26.2	7.7	2.58	.65	.82	.97
	1050	495	32.2	9.4	1.79	.63	.79	.94	30.6	9.0	2.02	.64	.81	.96	28.8	8.4	2.29	.67	.83	.99	27.0	7.9	2.59	.69	.86	1.00
	1200	565	32.8	9.6	1.80	.66	.83	.98	31.2	9.1	2.03	.67	.85	1.00	29.4	8.6	2.29	.69	.88	1.00	27.4	8.0	2.59	.72	.91	1.00
71°F (22°C)	900	425	32.8	9.6	1.80	.48	.61	.73	31.2	9.1	2.03	.48	.61	.75	29.6	8.7	2.29	.49	.63	.77	27.4	8.0	2.59	.50	.64	.80
	1050	495	33.8	9.9	1.81	.48	.63	.77	32.0	9.4	2.04	.50	.63	.79	30.2	8.9	2.30	.50	.66	.81	28.2	8.3	2.60	.51	.68	.84
	1200	565	34.4	10.1	1.81	.50	.65	.80	32.6	9.6	2.05	.50	.66	.83	30.8	9.0	2.31	.51	.68	.85	28.8	8.4	2.61	.52	.71	.89

HORIZONTAL INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - XC13-030 TXV System with [CH33-19A-2F + G60UHV-36A-070]

63°F (17°C)	915	430	29.8	8.7	1.77	.77	.91	1.00	28.4	8.3	2.01	.79	.93	1.00	27.0	7.9	2.28	.81	.96	1.00	25.4	7.4	2.59	.83	.99	1.00
	1000	470	30.4	8.9	1.78	.79	.93	1.00	29.0	8.5	2.01	.81	.96	1.00	27.4	8.0	2.28	.83	.98	1.00	25.8	7.6	2.59	.85	1.00	1.00
	1115	525	31.0	9.1	1.78	.82	.97	1.00	29.6	8.7	2.02	.83	.99	1.00	28.0	8.2	2.29	.86	1.00	1.00	26.4	7.7	2.60	.88	1.00	1.00
67°F (19°C)	915	430	31.2	9.1	1.78	.62	.75	.88	29.8	8.7	2.02	.63	.77	.90	28.2	8.3	2.29	.64	.79	.93	26.4	7.7	2.60	.65	.81	.96
	1000	470	31.6	9.3	1.79	.63	.77	.90	30.2	8.9	2.02	.64	.79	.93	28.6	8.4	2.29	.65	.81	.95	26.8	7.9	2.60	.67	.83	.98
	1115	525	32.2	9.4	1.79	.65	.80	.94	30.6	9.0	2.03	.66	.81	.96	29.0	8.5	2.30	.67	.84	.99	27.2	8.0	2.61	.69	.86	1.00
71°F (22°C)	915	430	32.4	9.5	1.79	.48	.60	.73	31.0	9.1	2.03	.48	.62	.74	29.4	8.6	2.30	.49	.63	.76	27.6	8.1	2.61	.49	.64	.79
	1000	470	33.0	9.7	1.80	.48	.62	.75	31.6	9.3	2.03	.49	.63	.77	29.8	8.7	2.30	.49	.64	.79	28.0	8.2	2.61	.50	.66	.81
	1115	525	33.8	9.9	1.81	.49	.63	.77	32.2	9.4	2.04	.49	.65	.79	30.4	8.9	2.31	.50	.66	.82	28.4	8.3	2.62	.51	.68	.84

COOLING CAPACITY - XC13-030 RFC System with [CH33-19A-2F + G60UHV-36A-070]

63°F (17°C)	915	430	28.6	8.4	1.76	.78	.92	1.00	27.2	8.0	1.99	.80	.94	1.00	25.8	7.6	2.26	.82	.97	1.00	24.2	7.1	2.56	.84	.99	1.00
	1000	470	29.2	8.6	1.77	.80	.95	1.00	27.8	8.1	2.00	.82	.97	1.00	26.2	7.7	2.26	.84	.99	1.00	24.6	7.2	2.57	.87	1.00	1.00
	1115	525	29.8	8.7	1.77	.83	.97	1.00	28.4	8.3	2.00	.84	.99	1.00	26.8	7.9	2.27	.87	1.00	1.00	25.2	7.4	2.57	.90	1.00	1.00
67°F (19°C)	915	430	30.0	8.8	1.77	.62	.76	.89	28.6	8.4	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.

HORIZONTAL INDOOR COILS WITH GAS FURNACES

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
COOLING CAPACITY - XC13-030 TXV System with [CH33-24/30A-2F + G60UHV-36A-070]																										
63°F (17°C)	915	430	29.6	8.7	1.77	.77	.90	1.00	28.2	8.3	2.01	.78	.93	1.00	26.8	7.9	2.28	.80	.95	1.00	25.2	7.4	2.59	.83	.98	1.00
	1000	470	30.2	8.9	1.77	.79	.93	1.00	28.8	8.4	2.01	.80	.95	1.00	27.4	8.0	2.28	.82	.98	1.00	25.6	7.5	2.59	.85	1.00	1.00
	1115	525	30.8	9.0	1.78	.81	.96	1.00	29.4	8.6	2.02	.83	.98	1.00	27.8	8.1	2.29	.85	1.00	1.00	26.2	7.7	2.60	.88	1.00	1.00
67°F (19°C)	915	430	31.0	9.1	1.78	.62	.75	.87	29.6	8.7	2.02	.63	.76	.90	28.0	8.2	2.29	.64	.78	.92	26.2	7.7	2.60	.65	.81	.95
	1000	470	31.6	9.3	1.79	.63	.77	.90	30.0	8.8	2.02	.64	.78	.92	28.4	8.3	2.29	.65	.80	.95	26.6	7.8	2.60	.66	.83	.98
	1115	525	32.0	9.4	1.79	.64	.79	.93	30.6	9.0	2.02	.65	.81	.95	29.0	8.5	2.29	.67	.83	.98	27.2	8.0	2.60	.68	.86	1.00
71°F (22°C)	915	430	32.4	9.5	1.79	.47	.60	.73	31.0	9.1	2.03	.48	.61	.74	29.2	8.6	2.30	.49	.62	.76	27.4	8.0	2.61	.49	.64	.78
	1000	470	33.0	9.7	1.80	.48	.62	.74	31.4	9.2	2.03	.48	.63	.76	29.8	8.7	2.30	.49	.64	.78	27.8	8.1	2.61	.50	.65	.81
	1115	525	33.6	9.8	1.80	.49	.63	.77	32.0	9.4	2.04	.49	.64	.79	30.4	8.9	2.31	.50	.66	.81	28.4	8.3	2.62	.51	.67	.84
COOLING CAPACITY - XC13-030 RFC System with [CH33-24/30A-2F + G60UHV-36A-070]																										
63°F (17°C)	915	430	28.4	8.3	1.76	.78	.91	1.00	27.2	8.0	1.99	.79	.94	1.00	25.6	7.5	2.26	.81	.96	1.00	24.0	7.0	2.56	.84	.99	1.00
	1000	470	29.0	8.5	1.76	.79	.94	1.00	27.6	8.1	2.00	.81	.96	1.00	26.2	7.7	2.26	.83	.99	1.00	24.4	7.2	2.57	.86	1.00	1.00
	1115	525	29.6	8.7	1.77	.82	.97	1.00	28.2	8.3	2.00	.84	.99	1.00	26.6	7.8	2.27	.86	1.00	1.00	25.0	7.3	2.57	.89	1.00	1.00
67°F (19°C)	915	430	29.8	8.7	1.77	.62	.75	.88	28.4	8.3	2.00	.63	.77	.91	26.8	7.9	2.27	.64	.79	.93	25.0	7.3	2.57	.66	.82	.96
	1000	470	30.2	8.9	1.78	.63	.77	.91	28.8	8.4	2.01	.64	.79	.93	27.2	8.0	2.27	.65	.81	.96	25.4	7.4	2.58	.67	.84	.99
	1115	525	30.8	9.0	1.78	.65	.80	.94	29.2	8.6	2.01	.66	.82	.96	27.6	8.1	2.28	.67	.84	.99	25.8	7.6	2.58	.69	.87	1.00
71°F (22°C)	915	430	31.2	9.1	1.78	.48	.61	.73	29.6	8.7	2.01	.48	.62	.75	28.0	8.2	2.28	.48	.63	.77	26.2	7.7	2.58	.49	.65	.79
	1000	470	31.6	9.3	1.79	.48	.62	.75	30.2	8.9	2.02	.49	.63	.77	28.4	8.3	2.28	.49	.64	.79	26.6	7.8	2.59	.50	.66	.82
	1115	525	32.2	9.4	1.79	.49	.63	.78	30.6	9.0	2.03	.50	.65	.80	29.0	8.5	2.29	.50	.66	.82	27.0	7.9	2.59	.51	.68	.85
COOLING CAPACITY - XC13-030 TXV System with [CH33-25A-2F + G60UHV-36A-070]																										
63°F (17°C)	915	430	30.6	9.0	1.78	.77	.92	1.00	29.0	8.5	2.01	.79	.94	1.00	27.6	8.1	2.28	.81	.97	1.00	25.8	7.6	2.60	.84	1.00	1.00
	1000	470	31.0	9.1	1.78	.79	.94	1.00	29.6	8.7	2.02	.81	.97	1.00	28.0	8.2	2.29	.83	.99	1.00	26.2	7.7	2.60	.86	1.00	1.00
	1115	525	31.8	9.3	1.79	.82	.98	1.00	30.2	8.9	2.02	.84	1.00	1.00	28.6	8.4	2.29	.87	1.00	1.00	27.0	7.9	2.61	.90	1.00	1.00
67°F (19°C)	915	430	32.2	9.4	1.79	.62	.75	.88	30.6	9.0	2.03	.62	.77	.91	29.0	8.5	2.30	.64	.79	.93	27.2	8.0	2.61	.65	.81	.97
	1000	470	32.6	9.6	1.80	.63	.77	.91	31.2	9.1	2.03	.64	.79	.94	29.4	8.6	2.30	.65	.81	.96	27.6	8.1	2.61	.67	.84	1.00
	1115	525	33.4	9.8	1.80	.65	.80	.95	31.8	9.3	2.04	.66	.82	.97	30.0	8.8	2.31	.67	.84	1.00	28.0	8.2	2.61	.69	.88	1.00
71°F (22°C)	915	430	33.8	9.9	1.81	.47	.60	.73	32.2	9.4	2.04	.47	.61	.74	30.6	9.0	2.31	.48	.63	.77	28.6	8.4	2.62	.49	.64	.79
	1000	470	34.4	10.1	1.81	.47	.61	.75	32.8	9.6	2.05	.48	.63	.76	31.0	9.1	2.31	.49	.64	.79	29.0	8.5	2.62	.50	.66	.82
	1115	525	35.0	10.3	1.82	.49	.63	.78	33.2	9.7	2.05	.49	.64	.80	31.4	9.2	2.32	.50	.66	.82	29.4	8.6	2.62	.51	.68	.85
COOLING CAPACITY - XC13-030 RFC System with [CH33-25A-2F + G60UHV-36A-070]																										
63°F (17°C)	840	395	28.8	8.4	1.76	.77	.90	1.00	27.4	8.0	2.00	.78	.92	1.00	25.8	7.6	2.26	.80	.95	1.00	24.2	7.1	2.57	.83	.98	1.00
	945	445	29.6	8.7	1.77	.79	.94	1.00	28.0	8.2	2.00	.81	.96	1.00	26.6	7.8	2.27	.83	.99	1.00	24.8	7.3	2.57	.86	1.00	1.00
	1100	520	30.4	8.9	1.78	.83	.99	1.00	28.8	8.4	2.01	.85	1.00	1.00	27.4	8.0	2.27	.87	1.00	1.00	25.8	7.6	2.58	.91	1.00	1.00
67°F (19°C)	840	395	30.4	8.9	1.78	.61	.74	.87	28.8	8.4	2.01	.62	.75	.89	27.4	8.0	2.27	.63	.77	.92	25.6	7.5	2.58	.64	.80	.95
	945	445	31.0	9.1	1.78	.62	.76	.90	29.6	8.7	2.01	.64	.78	.93	27.8	8.1	2.28	.65	.81	.96	26.0	7.6	2.58	.67	.84	.99
	1100	520	32.0	9.4	1.79	.65	.81	.96	30.4	8.9	2.02	.66	.83	.98	28.6	8.4	2.28	.68	.85	1.00	26.6	7.8	2.59	.70	.88	1.00
71°F (22°C)	840	395	32.0	9.4	1.79	.47	.59	.72	30.4	8.9	2.02	.47	.60	.73	28.8	8.4	2.29	.47	.61	.75	27.0	7.9	2.59	.48	.63	.77
	945	445	32.8	9.6	1.80	.47	.61	.74	31.0	9.1	2.03	.48	.62	.76	29.4	8.6	2.29	.49	.64	.78	27.4	8.0	2.59	.49	.65	.81
	1100	520	33.6	9.8	1.81	.48	.64	.78	31.8	9.3	2.04	.49	.65	.81	30.0	8.8	2.30	.50	.66	.83	28.0	8.2	2.60	.51	.68	.86
COOLING CAPACITY - XC13-030 TXV System with [CH33-25B-2F + G60UHV-36B-090]																										
63°F (17°C)	905	425	30.4	8.9	1.78	.78	.92	1.00	29.0	8.5	2.01	.79	.94	1.00	27.4	8.0	2.28	.81	.97	1.00	25.8	7.6	2.59	.84	.99	1.00
	1000	470	31.0	9.1	1.78	.80	.95	1.00	29.6	8.7	2.02	.81	.97	1.00	28.0	8.2	2.29	.84	.99	1.00	26.4	7.7	2.60	.87	1.00	1.00
	1110	525	31.6	9.3	1.79	.82	.98	1.00	30.2	8.9	2.02	.84	1.00	1.00	28.6	8.4	2.29	.87	1.00	1.00	27.0	7.9	2.61	.90	1.00	1.00
67°F (19°C)	905	425	31.8	9.3	1.79	.62	.76	.89	30.2	8.9	2.02	.63	.77	.91	28.6	8.4	2.29	.64	.79	.93	26.8	7.9	2.60	.66	.81	.97
	1000	470	32.4	9.5	1.79	.63	.78	.92	30.8	9.0	2.03	.64	.79	.94	29.2	8.6	2.30	.65	.82	.97	27.2	8.0	2.61	.67	.84	.99
	1110	525	33.0	9.7	1.80	.65	.80	.95	31.4	9.2	2.03	.66	.82	.97	29.6	8.7	2.30	.67	.85	1.00	27.8	8.1	2.61	.69	.88	1.00
71°F (22°C)	905	425	33.0	9.7	1.80	.47	.61	.73	31.6	9.3	2.03	.48	.62	.75	29.8	8.7	2.30	.48	.63	.77	28.0	8.2	2.61	.49	.64	.79
	1000	470	33.8	9.9	1.81	.48	.62	.75	32.2	9.4	2.04	.49	.63	.77	30.4	8.9	2.31	.49	.64	.80	28.6	8.4	2.62	.50	.66	.82
	1110	525	34.4	10.1	1.81	.49	.64	.78	32.8	9.6	2.05	.49	.65	.80	31.0	9.1	2.32	.50	.67	.83	29.0	8.5	2.62	.51	.68	.85
COOLING CAPACITY - XC13-030 RFC System with [CH33-25B-2F + G60UHV-36B-090]																										
63°F (17°C)	905	425	29.2	8.6	1.77	.78	.93	1.00	27.8	8.1	2.00	.80	.95	1.00	26.2	7.7	2.27	.82	.98	1.00	24.6	7.2	2.57	.85	1.00	1.00
	1000	470	29.8	8.7	1.77	.81	.96	1.00	28.4	8.3	2.01	.82	.98	1.00	26.8	7.9	2.27	.85	1.00	1.00	25.2	7.4	2.57	.88	1.00	1.00
	1110	525	30.4	8.9	1.78	.83	.99	1.00	28.8	8.4	2.01	.85	1.00	1.00	27.4	8.0	2.28	.88	1.00	1.00	25.8	7.6	2.58	.91	1.00	1.00
67°F (19°C)	905	425	30.6	9.0	1.78	.62	.76	.89	29.0	8.5	2.01	.63	.78	.92	27.4	8.0	2.27	.64	.80	.95	25.6	7.5	2.58	.66	.83	.98
	1000	470	31.0	9.1	1.78	.64	.78	.93	29.6	8.7	2.01	.65	.80	.95	27.8	8.1	2.28	.66	.83	.98	26.0	7.6	2.58	.68	.86	1.00
	1110	525	31.6	9.3	1.79	.65	.81	.96	30.0</																	

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

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)					
	cfm	L/s	Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW 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

COOLING CAPACITY - XC13-030 TXV System with [CH33-42B-2F + G61MPV-36B-045]

63°F (17°C)	945	445	31.0	9.1	1.78	.77	.92	1.00	29.6	8.7	2.02	.79	.94	1.00	28.0	8.2	2.29	.81	.97	1.00	26.2	7.7	2.60	.84	1.00	1.00
	1050	495	31.8	9.3	1.79	.80	.95	1.00	30.2	8.9	2.02	.82	.98	1.00	28.6	8.4	2.29	.84	1.00	1.00	27.0	7.9	2.61	.87	1.00	1.00
	1185	560	32.6	9.6	1.79	.83	.99	1.00	30.8	9.0	2.03	.85	1.00	1.00	29.4	8.6	2.30	.88	1.00	1.00	27.8	8.1	2.61	.91	1.00	1.00

COOLING CAPACITY - XC13-030 RFC System with [CH33-42B-2F + G61MPV-36B-045]

63°F (17°C)	840	395	29.0	8.5	1.77	.76	.89	1.00	27.8	8.1	2.00	.77	.91	1.00	26.2	7.7	2.26	.79	.94	1.00	24.4	7.2	2.57	.82	.98	1.00
	970	460	30.0	8.8	1.77	.79	.94	1.00	28.6	8.4	2.01	.81	.96	1.00	27.0	7.9	2.27	.83	.99	1.00	25.2	7.4	2.57	.86	1.00	1.00
	1150	545	31.0	9.1	1.78	.83	.99	1.00	29.4	8.6	2.01	.85	1.00	1.00	28.0	8.2	2.28	.86	1.00	1.00	26.4	7.7	2.58	.91	1.00	1.00

COOLING CAPACITY - XC13-030 TXV System with [CH33-42B-2F + G61MPV-36B-070]

63°F (17°C)	830	390	30.2	8.9	1.78	.75	.88	1.00	28.8	8.4	2.01	.76	.90	1.00	27.2	8.0	2.28	.78	.93	1.00	25.6	7.5	2.59	.79	.96	1.00
	1010	475	31.6	9.3	1.79	.79	.94	1.00	30.0	8.8	2.02	.81	.96	1.00	28.4	8.3	2.29	.83	.99	1.00	26.6	7.8	2.60	.86	1.00	1.00
	1155	545	32.4	9.5	1.79	.82	.98	1.00	30.6	9.0	2.03	.84	1.00	1.00	29.2	8.6	2.30	.86	1.00	1.00	27.6	8.1	2.61	.90	1.00	1.00

COOLING CAPACITY - XC13-030 RFC System with [CH33-42B-2F + G61MPV-36B-070]

63°F (17°C)	830	390	29.0	8.5	1.77	.75	.89	1.00	27.6	8.1	2.00	.77	.91	1.00	26.2	7.7	2.26	.79	.94	1.00	24.4	7.2	2.57	.81	.97	1.00
	1010	475	30.2	8.9	1.78	.80	.95	1.00	28.8	8.4	2.01	.82	.97	1.00	27.2	8.0	2.27	.84	1.00	1.00	25.4	7.4	2.58	.87	1.00	1.00
	1155	545	31.0	9.1	1.78	.83	.99	1.00	29.4	8.6	2.01	.85	1.00	1.00	28.0	8.2	2.28	.86	1.00	1.00	26.4	7.7	2.58	.91	1.00	1.00

AIR HANDLERS

COOLING CAPACITY - XC13-030 TXV System with [CBX26UH-030]

63°F (17°C)	965	455	30.8	9.0	1.78	.78	.93	1.00	29.4	8.6	2.02	.80	.95	1.00	27.8	8.1	2.29	.82	.98	1.00	26.2	7.7	2.60	.85	1.00	1.00
	1155	545	32.0	9.4	1.79	.83	.98	1.00	30.6	9.0	2.03	.85	1.00	1.00	29.2	8.6	2.30	.87	1.00	1.00	27.4	8.0	2.61	.90	1.00	1.00
	67°F (19°C)	965	455	32.6	9.6	1.80	.83	.96	1.00	31.0	9.1	2.03	.84	.98	1.00	29.4	8.6	2.30	.85	.98	1.00	27.4	8.0	2.61	.97	.83

COOLING CAPACITY - XC13-030 TXV System with [CBX26UH-036]

63°F (17°C)	965	455	30.8	9.0	1.78	.77	.91	1.00	29.2	8.6	2.01	.79	.94	1.00	27.6	8.1	2.28	.81	.96	1.00	26.0	7.6	2.59	.83	.99	1.00
	1155	545	31.8	9.3	1.79	.81	.97	1.00	30.2	8.9	2.02	.83	.99	1.00	28.8	8.4	2.29	.85	1.00	1.00	27.2	8.0	2.61	.88	1.00	1.00
	67°F (19°C)	965	455	32.4	9.5	1.79	.81	.97	1.00	30.8	9.0	2.03	.82	.97	1.00	29.2	8.6	2.30	.83	.99	1.00	27.4	8.0	2.61	.95	.81

COOLING CAPACITY - XC13-030 TXV System with [CBX27UH-030]

63°F (17°C)	800	380	30.0	8.8	1.77	.75	.88	1.00	28.6	8.4	2.01	.76	.90	1.00	27.0	7.9	2.28	.78	.93	1.00	25.4	7.4	2.59	.80	.96	1.00
	1000	470	31.4	9.2	1.78	.80	.95	1.00	29.8	8.7	2.02	.82	.97	1.00	28.4	8.3	2.29	.84	.99	1.00	26.6	7.8	2.60	.87	1.00	1.00
	67°F (19°C)	800	380	31.6	9.3	1.79	.79	.92	1.00	30.2	8.9	2.02	.79	.94	1.00	28.4	8.4	2.29	.81	.96	1.00	26.6	7.9	2.60	.83	.78

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

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				
COOLING CAPACITY - XC13-036 TXV System with [CX34-49C-6F]																														
63°F (17°C)	1050	495	36.2	10.6	2.26	.77	.90	1.00	34.6	10.1	2.55	.78	.92	1.00	32.8	9.6	2.89	.80	.95	1.00	30.6	9.0	3.28	.83	.98	1.00				
	1200	565	37.4	11.0	2.27	.80	.94	1.00	35.6	10.4	2.56	.81	.97	1.00	33.6	9.8	2.90	.84	.99	1.00	31.6	9.3	3.30	.86	1.00	1.00				
	1350	635	38.0	11.1	2.28	.83	.98	1.00	36.4	10.7	2.58	.85	1.00	1.00	34.6	10.1	2.92	.87	1.00	1.00	32.8	9.6	3.32	.90	1.00	1.00				
67°F (19°C)	1050	495	38.0	11.1	2.28	.62	.74	.87	36.4	10.7	2.57	.63	.76	.89	34.4	10.1	2.92	.64	.78	.92	32.2	9.4	3.31	.65	.80	.95				
	1200	565	39.0	11.4	2.30	.64	.78	.91	37.4	11.0	2.59	.65	.79	.94	35.2	10.3	2.92	.66	.81	.97	33.0	9.7	3.32	.68	.84	1.00				
	1350	635	40.0	11.7	2.31	.65	.81	.95	38.0	11.1	2.60	.66	.83	.98	36.0	10.6	2.94	.68	.85	1.00	33.6	9.8	3.33	.70	.88	1.00				
71°F (22°C)	1050	495	40.0	11.7	2.31	.48	.60	.72	38.0	11.1	2.60	.48	.61	.74	36.0	10.6	2.94	.49	.63	.76	33.8	9.9	3.33	.49	.64	.78				
	1200	565	41.0	12.0	2.32	.49	.62	.75	39.0	11.4	2.62	.49	.63	.77	37.0	10.8	2.95	.50	.65	.79	34.6	10.1	3.35	.50	.67	.82				
	1350	635	42.0	12.3	2.34	.50	.64	.78	40.0	11.7	2.63	.49	.66	.80	37.8	11.1	2.97	.51	.67	.83	35.2	10.3	3.36	.51	.70	.86				
COOLING CAPACITY - XC13-036 RFC System with [C33-49C]																														
63°F (17°C)	1050	495	36.0	10.6	2.26	.77	.91	1.00	34.2	10.0	2.55	.79	.93	1.00	32.4	9.5	2.89	.81	.96	1.00	30.2	8.9	3.27	.84	1.00	1.00				
	1200	565	37.0	10.8	2.28	.80	.95	1.00	35.2	10.3	2.57	.82	.98	1.00	33.4	9.8	2.90	.84	1.00	1.00	31.4	9.2	3.29	.88	1.00	1.00				
	1350	635	38.0	11.1	2.29	.83	.99	1.00	36.2	10.6	2.58	.85	1.00	1.00	34.4	10.1	2.92	.88	1.00	1.00	32.4	9.5	3.31	.92	1.00	1.00				
67°F (19°C)	1050	495	37.8	11.1	2.29	.62	.75	.88	36.0	10.6	2.58	.63	.77	.90	34.0	10.0	2.92	.64	.79	.93	31.8	9.3	3.30	.66	.81	.97				
	1200	565	39.0	11.4	2.30	.64	.78	.92	37.2	10.9	2.60	.65	.80	.95	34.8	10.2	2.93	.67	.82	.98	32.6	9.6	3.31	.68	.86	1.00				
	1350	635	40.0	11.7	2.32	.66	.81	.96	37.8	11.1	2.61	.67	.83	.99	35.6	10.4	2.94	.69	.86	1.00	33.0	9.7	3.32	.71	.90	1.00				
71°F (22°C)	1050	495	39.5	11.6	2.31	.48	.61	.73	37.8	11.1	2.61	.48	.62	.75	35.6	10.4	2.94	.49	.63	.77	33.4	9.8	3.32	.50	.65	.79				
	1200	565	41.0	12.0	2.33	.49	.63	.76	39.0	11.4	2.62	.49	.64	.78	36.6	10.7	2.96	.50	.65	.80	34.2	10.0	3.34	.51	.67	.84				
	1350	635	41.5	12.2	2.34	.50	.65	.79	39.5	11.6	2.64	.50	.66	.81	37.4	11.0	2.97	.51	.68	.84	34.8	10.2	3.35	.52	.70	.88				
COOLING CAPACITY - XC13-036 TXV System with [CX34-50/60C-6F]																														
63°F (17°C)	1050	495	36.0	10.6	2.25	.76	.89	1.00	34.2	10.0	2.54	.77	.91	1.00	32.4	9.5	2.88	.79	.94	1.00	30.2	8.9	3.27	.82	.97	1.00				
	1200	565	36.8	10.8	2.27	.79	.93	1.00	35.2	10.3	2.56	.80	.95	1.00	33.2	9.7	2.90	.82	.98	1.00	31.0	9.1	3.28	.85	1.00	1.00				
	1350	635	37.8	11.1	2.28	.82	.97	1.00	35.8	10.5	2.57	.83	.99	1.00	33.8	9.9	2.90	.85	1.00	1.00	32.0	9.4	3.30	.89	1.00	1.00				
67°F (19°C)	1050	495	37.8	11.1	2.28	.61	.74	.86	36.0	10.6	2.57	.62	.75	.88	34.0	10.0	2.91	.63	.77	.91	31.8	9.3	3.30	.64	.79	.94				
	1200	565	38.5	11.3	2.29	.63	.77	.90	37.0	10.8	2.58	.64	.78	.92	34.8	10.2	2.92	.65	.80	.95	32.6	9.6	3.31	.67	.83	.98				
	1350	635	39.5	11.6	2.30	.64	.79	.94	37.6	11.0	2.59	.65	.81	.96	35.6	10.4	2.93	.67	.83	.99	33.2	9.7	3.32	.68	.87	1.00				
71°F (22°C)	1050	495	39.5	11.6	2.30	.47	.60	.71	37.8	11.1	2.60	.48	.60	.73	35.8	10.5	2.93	.48	.62	.75	33.4	9.8	3.33	.49	.63	.77				
	1200	565	40.5	11.9	2.32	.48	.61	.74	38.5	11.3	2.61	.49	.63	.76	36.6	10.7	2.95	.49	.64	.78	34.2	10.0	3.34	.50	.66	.81				
	1350	635	41.5	12.2	2.33	.49	.63	.77	39.5	11.6	2.62	.50	.64	.79	37.2	10.9	2.96	.50	.66	.81	34.8	10.2	3.35	.51	.68	.84				
COOLING CAPACITY - XC13-036 RFC System with [C33-50/60C]																														
63°F (17°C)	1225	580	41.5	12.2	2.47	.76	.90	1.00	39.5	11.6	2.79	.78	.93	1.00	37.6	11.0	3.18	.80	.95	1.00	35.2	10.3	3.64	.82	.99	1.00				
	1385	655	42.5	12.5	2.48	.79	.94	1.00	40.5	11.9	2.81	.81	.97	1.00	38.5	11.3	3.20	.83	.99	1.00	36.0	10.6	3.66	.86	1.00	1.00				
67°F (19°C)	1225	580	44.0	12.9	2.49	.61	.74	.87	41.5	12.2	2.83	.62	.76	.89	39.5	11.6	3.22	.63	.78	.92	37.0	10.8	3.68	.64	.80	.96				
	1385	655	45.0	13.2	2.51	.63	.77	.91	42.5	12.5	2.84	.64	.79	.93	40.5	11.9	3.24	.65	.81	.96	37.8	11.1	3.70	.67	.84	1.00				
71°F (22°C)	1225	580	45.5	13.3	2.52	.47	.59	.72	43.5	12.7	2.86	.47	.60	.73	41.0	12.0	3.26	.48	.62	.75	38.5	11.3	3.73	.48	.63	.78				
	1385	655	47.0	13.8	2.54	.47	.61	.75	44.5	13.0	2.88	.48	.62	.76	42.0	12.3	3.28	.49	.64	.79	39.5	11.6	3.75	.49	.66	.82				

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

Table with columns for Entering Wet Bulb Temperature, Total Air Volume, and Outdoor Air Temperature Entering Outdoor Coil. Sub-headers include 85°F (29°C), 95°F (35°C), 105°F (41°C), and 115°F (46°C).

COOLING CAPACITY - XC13-036 RFC System with [C33-48C + G61MPV-60C-090] [C33-48C + G71MPP-60C-090]

Table of cooling capacity data for XC13-036 RFC system with G61MPV-60C-090 and G71MPP-60C-090 coils at various temperatures.

COOLING CAPACITY - XC13-036 TXV System with [CX34-44/48C-6F + G61MPV-60C-090] [CX34-44/48C-6F + G71MPP-60C-090]

Table of cooling capacity data for XC13-036 TXV system with G61MPV-60C-090 and G71MPP-60C-090 coils.

COOLING CAPACITY - XC13-036 TXV System with [CX34-44/48C-6F + G61MPV-60C-110] [CX34-44/48C-6F + G71MPP-60C-110]

Table of cooling capacity data for XC13-036 TXV system with G61MPV-60C-110 and G71MPP-60C-110 coils.

COOLING CAPACITY - XC13-036 RFC System with [C33-48C + G61MPV-60C-110] [C33-48C + G71MPP-60C-110]

Table of cooling capacity data for XC13-036 RFC system with G61MPV-60C-110 and G71MPP-60C-110 coils.

COOLING CAPACITY - XC13-036 TXV System with [CX34-49C-6F + G60UHV-60C-110] [CX34-49C-6F + G60UHV-60C-110]

Table of cooling capacity data for XC13-036 TXV system with G60UHV-60C-110 coils.

COOLING CAPACITY - XC13-036 RFC System with [C33-49C + G36UHV-60C-110] [C33-49C + G36UHV-60C-110]

Table of cooling capacity data for XC13-036 RFC system with G36UHV-60C-110 coils.

COOLING CAPACITY - XC13-036 TXV System with [CX34-49C-6F + G61MPV-36C-090] [CX34-49C-6F + G71MPP-36C-090]

Table of cooling capacity data for XC13-036 TXV system with G61MPV-36C-090 and G71MPP-36C-090 coils.

COOLING CAPACITY - XC13-036 TXV System with [CX34-49C-6F + G61MPV-60C-090] [CX34-49C-6F + G71MPP-60C-090]

Table of cooling capacity data for XC13-036 TXV system with G61MPV-60C-090 and G71MPP-60C-090 coils.

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

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

COOLING CAPACITY - XC13-036 TXV System with

[CR33-30/36C-F + G61MPV-36C-090]
[CR33-30/36C-F + G71MPP-36C-100]

63°F (17°C)	1060	500	35.0	10.3	2.24	.76	.90	1.00	33.4	9.8	2.53	.78	.92	1.00	31.6	9.3	2.87	.80	.95	1.00	29.6	8.7	3.26	.82	.97	1.00
	1185	560	35.8	10.5	2.25	.79	.93	1.00	34.2	10.0	2.54	.81	.95	1.00	32.2	9.4	2.88	.83	.98	1.00	30.2	8.9	3.27	.85	1.00	1.00
	1400	660	37.0	10.8	2.27	.83	.98	1.00	35.2	10.3	2.56	.85	1.00	1.00	33.2	9.7	2.89	.87	1.00	1.00	31.4	9.2	3.29	.90	1.00	1.00

COOLING CAPACITY - XC13-036 TXV System with

[CR33-30/36C-F + G61MPV-60C-090]
[CR33-30/36C-F + G71MPP-60C-090]

63°F (17°C)	1275	600	36.4	10.7	2.26	.81	.96	1.00	34.6	10.1	2.55	.83	.98	1.00	32.6	9.6	2.89	.85	.99	1.00	30.6	9.0	3.28	.88	1.00	1.00
	1380	650	36.8	10.8	2.27	.83	.98	1.00	35.0	10.3	2.56	.85	.99	1.00	33.2	9.7	2.89	.87	1.00	1.00	31.2	9.1	3.29	.90	1.00	1.00
	1400	660	38.5	11.3	2.29	.85	.81	.95	36.6	10.7	2.58	.66	.83	.97	34.6	10.1	2.91	.68	.85	.99	32.2	9.4	3.30	.70	.88	1.00

COOLING CAPACITY - XC13-036 RFC System with

[CR33-30/36C-F + G61MPV-60C-090]
[CR33-30/36C-F + G71MPP-60C-090]

63°F (17°C)	1050	495	35.8	10.5	2.26	.77	.91	1.00	33.8	9.9	2.55	.79	.94	1.00	32.0	9.4	2.88	.81	.96	1.00	29.8	8.7	3.26	.84	.99	1.00
	1200	565	36.6	10.7	2.27	.80	.95	1.00	34.8	10.2	2.56	.82	.98	1.00	32.8	9.6	2.90	.85	1.00	1.00	30.8	9.0	3.28	.87	1.00	1.00
	1350	635	37.4	11.0	2.28	.83	.99	1.00	35.6	10.4	2.57	.85	1.00	1.00	33.8	9.9	2.91	.88	1.00	1.00	31.6	9.3	3.30	.92	1.00	1.00

COOLING CAPACITY - XC13-036 TXV System with

[CR33-30/36C-F + G61MPV-60C-110]
[CR33-30/36C-F + G71MPP-60C-110]

63°F (17°C)	1290	610	36.4	10.7	2.26	.81	.96	1.00	34.6	10.1	2.55	.83	.98	1.00	32.8	9.6	2.89	.85	1.00	1.00	30.8	9.0	3.28	.88	1.00	1.00
	1405	665	37.0	10.8	2.27	.83	.98	1.00	35.2	10.3	2.56	.85	1.00	1.00	33.2	9.7	2.89	.88	1.00	1.00	31.4	9.2	3.30	.90	1.00	1.00
	1405	665	38.5	11.3	2.29	.85	.81	.96	36.6	10.7	2.58	.67	.83	.98	34.6	10.1	2.92	.68	.86	1.00	32.4	9.5	3.30	.70	.88	1.00

COOLING CAPACITY - XC13-036 TXV System with

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

63°F (17°C)	1040	490	34.2	10.0	2.23	.75	.87	.99	32.6	9.6	2.52	.76	.89	1.00	30.8	9.0	2.86	.77	.92	1.00	28.8	8.4	3.25	.80	.94	1.00
	1195	565	35.2	10.3	2.24	.77	.91	1.00	33.4	9.8	2.54	.79	.93	1.00	31.6	9.3	2.87	.80	.96	1.00	29.6	8.7	3.26	.83	.98	1.00
	1330	630	35.8	10.5	2.25	.79	.94	1.00	34.2	10.0	2.54	.81	.97	1.00	32.2	9.4	2.88	.83	.99	1.00	30.4	8.9	3.28	.86	1.00	1.00

COOLING CAPACITY - XC13-036 RFC System with

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

63°F (17°C)	1040	490	34.0	10.0	2.24	.75	.88	1.00	32.4	9.5	2.53	.77	.90	1.00	30.6	9.0	2.86	.78	.93	1.00	28.6	8.4	3.25	.81	.96	1.00
	1195	565	35.0	10.3	2.25	.78	.92	1.00	33.2	9.7	2.54	.79	.94	1.00	31.4	9.2	2.87	.82	.97	1.00	29.4	8.6	3.26	.84	1.00	1.00
	1330	630	35.6	10.4	2.26	.80	.95	1.00	33.8	9.9	2.55	.82	.97	1.00	32.0	9.4	2.89	.84	1.00	1.00	30.2	8.9	3.27	.87	1.00	1.00

COOLING CAPACITY - XC13-036 RFC System with

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

63°F (17°C)	1050	495	34.2	10.0	2.24	.76	.89	1.00	32.6	9.6	2.53	.77	.91	1.00	30.6	9.0	2.87	.79	.93	1.00	28.6	8.4	3.25	.81	.97	1.00
	1185	560	35.0	10.3	2.25	.78	.92	1.00	33.2	9.7	2.54	.80	.94	1.00	31.4	9.2	2.87	.82	.97	1.00	29.4	8.6	3.26	.85	1.00	1.00
	1330	630	35.8	10.5	2.26	.81	.96	1.00	34.0	10.0	2.54	.82	.98	1.00	32.2	9.4	2.89	.85	1.00	1.00	30.2	8.9	3.27	.88	1.00	1.00

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

Table header for COOLING CAPACITY - XC13-036 TXV System with [CH33-31A-2F]. Columns include: Entering Wet Bulb Temperature, Total Air Volume (cfm, L/s), Total Cooling Capacity (kBtuh, kW), Comp Motor kW Input, Outdoor Air Temperature Entering Outdoor Coil (85°F, 95°F, 105°F, 115°F), Sensible To Total Ratio (S/T) Dry Bulb (75°F, 80°F, 85°F), and Total Cooling Capacity (kBtuh, kW), Comp Motor kW Input, Sensible To Total Ratio (S/T) Dry Bulb (75°F, 80°F, 85°F).

Table for COOLING CAPACITY - XC13-036 TXV System with [CH33-31A-2F]. Rows represent entering wet bulb temperatures: 63°F (17°C), 67°F (19°C), and 71°F (22°C). Each row has three columns for air volume (1050, 1200, 1350 cfm) and three columns for cooling capacity (85°F, 95°F, 105°F).

Table for COOLING CAPACITY - XC13-036 RFC System with [CH33-31A-2F]. Rows represent entering wet bulb temperatures: 63°F (17°C), 67°F (19°C), and 71°F (22°C). Each row has three columns for air volume (1050, 1200, 1350 cfm) and three columns for cooling capacity (85°F, 95°F, 105°F).

Table for COOLING CAPACITY - XC13-036 TXV System with [CH33-31B-2F]. Rows represent entering wet bulb temperatures: 63°F (17°C), 67°F (19°C), and 71°F (22°C). Each row has three columns for air volume (1050, 1200, 1350 cfm) and three columns for cooling capacity (85°F, 95°F, 105°F).

Table for COOLING CAPACITY - XC13-036 RFC System with [CH33-31B-2F]. Rows represent entering wet bulb temperatures: 63°F (17°C), 67°F (19°C), and 71°F (22°C). Each row has three columns for air volume (1050, 1200, 1350 cfm) and three columns for cooling capacity (85°F, 95°F, 105°F).

Table for COOLING CAPACITY - XC13-036 TXV System with [CH33-42B-2F]. Rows represent entering wet bulb temperatures: 63°F (17°C), 67°F (19°C), and 71°F (22°C). Each row has three columns for air volume (1050, 1200, 1350 cfm) and three columns for cooling capacity (85°F, 95°F, 105°F).

Table for COOLING CAPACITY - XC13-036 TXV System with [CH33-43B-2F]. Rows represent entering wet bulb temperatures: 63°F (17°C), 67°F (19°C), and 71°F (22°C). Each row has three columns for air volume (1050, 1200, 1350 cfm) and three columns for cooling capacity (85°F, 95°F, 105°F).

Table for COOLING CAPACITY - XC13-036 RFC System with [CH33-43B-2F]. Rows represent entering wet bulb temperatures: 63°F (17°C), 67°F (19°C), and 71°F (22°C). Each row has three columns for air volume (1050, 1200, 1350 cfm) and three columns for cooling capacity (85°F, 95°F, 105°F).

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

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
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	kBtuh	kW

COOLING CAPACITY - XC13-036 TXV System with [CH33-31A-2F + G60UHV-36A-070]

63°F (17°C)	1085	510	35.8	10.5	2.25	.78	.92	1.00	34.0	10.0	2.54	.79	.94	1.00	32.2	9.4	2.88	.81	.97	1.00	30.0	8.8	3.27	.84	1.00	1.00
	1230	580	36.6	10.7	2.26	.81	.96	1.00	35.0	10.3	2.56	.83	.99	1.00	33.0	9.7	2.89	.85	1.00	1.00	31.0	9.1	3.29	.88	1.00	1.00
	1260	595	36.8	10.8	2.27	.82	.97	1.00	35.0	10.3	2.56	.84	.99	1.00	33.2	9.7	2.89	.86	1.00	1.00	31.2	9.1	3.29	.89	1.00	1.00

COOLING CAPACITY - XC13-036 RFC System with [CH33-31A-2F + G60UHV-36A-070]

63°F (17°C)	1085	510	35.6	10.4	2.26	.78	.93	1.00	33.8	9.9	2.55	.80	.95	1.00	31.8	9.3	2.88	.83	.98	1.00	29.6	8.7	3.26	.86	1.00	1.00
	1230	580	36.4	10.7	2.27	.82	.97	1.00	34.6	10.1	2.56	.84	1.00	1.00	32.6	9.6	2.89	.86	1.00	1.00	30.8	9.0	3.28	.89	1.00	1.00
	1260	595	36.6	10.7	2.27	.82	.98	1.00	34.8	10.2	2.56	.85	1.00	1.00	33.0	9.7	2.90	.87	1.00	1.00	31.0	9.1	3.28	.90	1.00	1.00

COOLING CAPACITY - XC13-036 TXV System with [CH33-31B-2F + G60UHV-36B-090]

63°F (17°C)	1090	515	36.0	10.6	2.25	.76	.90	1.00	34.2	10.0	2.54	.78	.93	1.00	32.4	9.5	2.88	.80	.95	1.00	30.2	8.9	3.27	.82	.98	1.00
	1225	580	36.8	10.8	2.26	.79	.94	1.00	35.0	10.3	2.56	.81	.97	1.00	33.0	9.7	2.89	.83	.99	1.00	31.0	9.1	3.29	.86	1.00	1.00
	1260	595	37.0	10.8	2.27	.80	.95	1.00	35.2	10.3	2.56	.82	.97	1.00	33.2	9.7	2.90	.84	1.00	1.00	31.2	9.1	3.29	.87	1.00	1.00

COOLING CAPACITY - XC13-036 RFC System with [CH33-31B-2F + G60UHV-36B-090]

63°F (17°C)	1090	515	35.8	10.5	2.26	.77	.91	1.00	34.0	10.0	2.55	.79	.94	1.00	32.0	9.4	2.89	.81	.97	1.00	29.8	8.7	3.27	.84	1.00	1.00
	1225	580	36.6	10.7	2.27	.80	.95	1.00	34.8	10.2	2.56	.82	.98	1.00	32.8	9.6	2.89	.84	1.00	1.00	30.8	9.0	3.28	.87	1.00	1.00
	1260	595	36.8	10.8	2.27	.81	.96	1.00	35.0	10.3	2.56	.83	.98	1.00	33.0	9.6	2.90	.85	1.00	1.00	31.0	9.1	3.29	.88	1.00	1.00

COOLING CAPACITY - XC13-036 TXV System with [CH33-31B-2F + G61MPV-36B-045]

63°F (17°C)	1055	500	35.8	10.5	2.25	.76	.90	1.00	34.0	10.0	2.54	.78	.92	1.00	32.2	9.4	2.88	.80	.94	1.00	30.2	8.9	3.27	.82	.98	1.00
	1235	585	37.0	10.8	2.27	.80	.95	1.00	35.2	10.3	2.56	.82	.97	1.00	33.2	9.7	2.90	.84	.99	1.00	31.2	9.1	3.29	.86	1.00	1.00
	1330	630	37.4	11.0	2.27	.82	.97	1.00	35.6	10.4	2.56	.84	.99	1.00	33.8	9.9	2.90	.86	1.00	1.00	31.8	9.3	3.30	.89	1.00	1.00

COOLING CAPACITY - XC13-036 RFC System with [CH33-31B-2F + G61MPV-36B-045]

63°F (17°C)	1055	500	35.6	10.4	2.26	.76	.90	1.00	33.8	9.9	2.55	.78	.93	1.00	31.8	9.3	2.88	.81	.96	1.00	29.8	8.7	3.27	.83	.99	1.00
	1235	585	36.8	10.8	2.27	.81	.96	1.00	34.8	10.2	2.56	.83	.98	1.00	33.0	9.7	2.90	.85	1.00	1.00	30.8	9.0	3.28	.88	1.00	1.00
	1330	630	37.2	10.9	2.28	.83	.98	1.00	35.4	10.4	2.57	.85	1.00	1.00	33.4	9.8	2.91	.87	1.00	1.00	31.6	9.3	3.30	.91	1.00	1.00

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

Table with columns for Entering Wet Bulb Temperature, Total Air Volume, Outdoor Air Temperature, and various capacity and ratio metrics for three different outdoor air temperature scenarios.

COOLING CAPACITY - XC13-036 RFC System with [CH33-43B-2F + G60UHV-36B-090]

Table showing cooling capacity data for the XC13-036 RFC system with CH33-43B-2F + G60UHV-36B-090 across three outdoor air temperature ranges (63°F, 67°F, 71°F).

COOLING CAPACITY - XC13-036 TXV System with [CH33-43B-2F + G61MPV-36B-045]

Table showing cooling capacity data for the XC13-036 TXV system with CH33-43B-2F + G61MPV-36B-045 across three outdoor air temperature ranges.

COOLING CAPACITY - XC13-036 RFC System with [CH33-43B-2F + G61MPV-36B-045]

Table showing cooling capacity data for the XC13-036 RFC system with CH33-43B-2F + G61MPV-36B-045 across three outdoor air temperature ranges.

COOLING CAPACITY - XC13-036 TXV System with [CH33-43B-2F + G61MPV-36B-070]

Table showing cooling capacity data for the XC13-036 TXV system with CH33-43B-2F + G61MPV-36B-070 across three outdoor air temperature ranges.

COOLING CAPACITY - XC13-036 RFC System with [CH33-43B-2F + G61MPV-36B-070]

Table showing cooling capacity data for the XC13-036 RFC system with CH33-43B-2F + G61MPV-36B-070 across three outdoor air temperature ranges.

COOLING CAPACITY - XC13-036 TXV System with [CH33-43B-2F + G61MPV-36B-071]

Table showing cooling capacity data for the XC13-036 TXV system with CH33-43B-2F + G61MPV-36B-071 across three outdoor air temperature ranges.

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

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											

COOLING CAPACITY - XC13-036 RFC System with [CH33-44/48B-2F + G61MPV-36B-045]

63°F (17°C)	1050	495	35.6	10.4	2.27	.76	.90	1.00	33.8	9.9	2.55	.78	.92	1.00	31.8	9.3	2.88	.80	.95	1.00	29.6	8.7	3.27	.82	.99	1.00
	1185	560	36.4	10.7	2.27	.79	.94	1.00	34.6	10.1	2.56	.81	.96	1.00	32.6	9.6	2.89	.83	.99	1.00	30.4	8.9	3.28	.86	1.00	1.00
	1330	630	37.4	11.0	2.28	.82	.98	1.00	35.4	10.4	2.57	.84	1.00	1.00	33.4	9.8	2.91	.87	1.00	1.00	31.6	9.3	3.30	.90	1.00	1.00

COOLING CAPACITY - XC13-036 TXV System with [CH33-44/48B-2F + G61MPV-36B-070]

63°F (17°C)	950	450	34.8	10.2	2.24	.73	.86	.98	33.2	9.7	2.53	.75	.88	1.00	31.4	9.2	2.87	.77	.90	1.00	29.6	8.7	3.27	.79	.93	1.00
	1105	520	36.0	10.6	2.26	.77	.91	1.00	34.2	10.0	2.55	.78	.93	1.00	32.4	9.5	2.88	.80	.95	1.00	30.4	8.9	3.28	.83	.99	1.00
	1270	600	37.2	10.9	2.27	.80	.95	1.00	35.2	10.3	2.56	.82	.98	1.00	33.2	9.7	2.90	.84	1.00	1.00	31.2	9.1	3.29	.87	1.00	1.00

COOLING CAPACITY - XC13-036 RFC System with [CH33-44/48B-2F + G61MPV-36B-070]

63°F (17°C)	1015	480	35.4	10.4	2.25	.75	.89	1.00	33.6	9.8	2.54	.77	.91	1.00	31.6	9.3	2.88	.79	.94	1.00	29.6	8.7	3.27	.81	.97	1.00
	1190	560	36.4	10.7	2.27	.79	.94	1.00	34.6	10.1	2.56	.81	.96	1.00	32.6	9.6	2.89	.83	.99	1.00	30.6	9.0	3.28	.86	1.00	1.00
	1395	660	37.6	11.0	2.29	.83	.99	1.00	35.6	10.4	2.57	.86	1.00	1.00	33.8	9.9	2.91	.88	1.00	1.00	31.8	9.3	3.30	.92	1.00	1.00

COOLING CAPACITY - XC13-036 TXV System with [CH33-48C-2F + G60UHV-60C-110]

63°F (17°C)	1295	610	37.2	10.9	2.27	.80	.95	1.00	35.4	10.4	2.56	.81	.97	1.00	33.6	9.8	2.90	.83	.99	1.00	31.4	9.2	3.30	.86	1.00	1.00
	1295	610	37.2	10.9	2.27	.80	.95	1.00	35.4	10.4	2.56	.81	.97	1.00	33.6	9.8	2.90	.83	.99	1.00	31.4	9.2	3.30	.86	1.00	1.00
	1395	660	37.8	11.1	2.28	.82	.97	1.00	35.8	10.5	2.57	.83	.99	1.00	34.0	10.0	2.91	.86	1.00	1.00	32.0	9.4	3.30	.89	1.00	1.00

COOLING CAPACITY - XC13-036 RFC System with [CH33-48C-2F + G60UHV-60C-110]

63°F (17°C)	1295	610	37.2	10.9	2.28	.80	.96	1.00	35.2	10.3	2.57	.82	.98	1.00	33.2	9.7	2.90	.85	1.00	1.00	31.2	9.1	3.29	.88	1.00	1.00
	1295	610	37.2	10.9	2.28	.80	.96	1.00	35.2	10.3	2.57	.82	.98	1.00	33.2	9.7	2.90	.85	1.00	1.00	31.2	9.1	3.29	.88	1.00	1.00
	1395	660	37.6	11.0	2.29	.82	.98	1.00	35.6	10.4	2.58	.84	1.00	1.00	33.8	9.9	2.91	.87	1.00	1.00	31.8	9.3	3.30	.90	1.00	1.00

COOLING CAPACITY - XC13-036 TXV System with [CH33-48C-2F + G61MPV-36C-090]

63°F (17°C)	1060	500	35.8	10.5	2.25	.75	.89	1.00	34.2	10.0	2.54	.77	.91	1.00	32.2	9.4	2.88	.79	.94	1.00	30.2	8.9	3.27	.81	.97	1.00
	1185	560	36.6	10.7	2.26	.78	.92	1.00	34.8	10.2	2.55	.79	.95	1.00	33.0	9.7	2.89	.81	.97	1.00	30.8	9.0	3.28	.84	1.00	1.00
	1275	600	37.2	10.9	2.27	.80	.95	1.00	35.4	10.4	2.56	.81	.97	1.00	33.4	9.8	2.90	.83	.99	1.00	31.4	9.2	3.30	.86	1.00	1.00

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

Table with 26 columns: Entering Wet Bulb Temperature, Total Air Volume, Total Cooling Capacity, Comp Motor kW Input, Sensible To Total Ratio (S/T) Dry Bulb (85°F, 95°F, 105°F, 115°F), Total Cooling Capacity, Comp Motor kW Input, Sensible To Total Ratio (S/T) Dry Bulb (75°F, 80°F, 85°F), Total Cooling Capacity, Comp Motor kW Input, Sensible To Total Ratio (S/T) Dry Bulb (75°F, 80°F, 85°F).

COOLING CAPACITY - XC13-036 RFC System with [CH33-48C-2F + G61MPV-60C-090] [CH33-48C-2F + G71MPP-60C-090]

Table with 26 columns for RFC system with G61MPV-60C-090 and G71MPP-60C-090 coils. Rows for 63°F, 67°F, 71°F at 17°C, 19°C, 22°C.

COOLING CAPACITY - XC13-036 TXV System with [CH33-48C-2F + G61MPV-60C-090] [CH33-48C-2F + G71MPP-60C-090]

Table with 26 columns for TXV system with G61MPV-60C-090 and G71MPP-60C-090 coils. Rows for 63°F, 67°F, 71°F at 17°C, 19°C, 22°C.

COOLING CAPACITY - XC13-036 TXV System with [CH33-48C-2F + G61MPV-60C-110] [CH33-48C-2F + G71MPP-60C-110]

Table with 26 columns for TXV system with G61MPV-60C-110 and G71MPP-60C-110 coils. Rows for 63°F, 67°F, 71°F at 17°C, 19°C, 22°C.

COOLING CAPACITY - XC13-036 RFC System with [CH33-48C-2F + G61MPV-60C-110] [CH33-48C-2F + G71MPP-60C-110]

Table with 26 columns for RFC system with G61MPV-60C-110 and G71MPP-60C-110 coils. Rows for 63°F, 67°F, 71°F at 17°C, 19°C, 22°C.

AIR HANDLERS

COOLING CAPACITY - XC13-036 TXV System with [CBX26UH-036]

Table with 26 columns for XC13-036 TXV system with CBX26UH-036 air handler. Rows for 63°F, 67°F, 71°F at 17°C, 19°C, 22°C.

COOLING CAPACITY - XC13-036 TXV System with [CBX26UH-042]

Table with 26 columns for XC13-036 TXV system with CBX26UH-042 air handler. Rows for 63°F, 67°F, 71°F at 17°C, 19°C, 22°C.

COOLING CAPACITY - XC13-036 TXV System with [CBX26UH-048]

Table with 26 columns for XC13-036 TXV system with CBX26UH-048 air handler. Rows for 63°F, 67°F, 71°F at 17°C, 19°C, 22°C.

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

Table with columns for Entering Wet Bulb Temperature, Total Air Volume, and Outdoor Air Temperature Entering Outdoor Coil (85°F, 95°F, 105°F, 115°F). Sub-columns include Total Cooling Capacity, Comp Motor kW Input, and Sensible To Total Ratio (S/T) Dry Bulb.

COOLING CAPACITY - XC13-042 TXV System with [CX34-43C-6F + G61MPV-36C-090] [CX34-43C-6F + G71MPP-36C-090]

Table showing cooling capacity data for XC13-042 TXV system with CX34-43C-6F + G61MPV-36C-090 and G71MPP-36C-090. Includes rows for 63°F, 67°F, and 71°F.

COOLING CAPACITY - XC13-042 TXV System with [CX34-43C-6F + G61MPV-60C-090]

Table showing cooling capacity data for XC13-042 TXV system with CX34-43C-6F + G61MPV-60C-090. Includes rows for 63°F, 67°F, and 71°F.

COOLING CAPACITY - XC13-042 RFC System with [C33-43C + G61MPV-60C-090]

Table showing cooling capacity data for XC13-042 RFC system with C33-43C + G61MPV-60C-090. Includes rows for 63°F, 67°F, and 71°F.

COOLING CAPACITY - XC13-042 TXV System with [CX34-43C-6F + G61MPV-60C-091]

Table showing cooling capacity data for XC13-042 TXV system with CX34-43C-6F + G61MPV-60C-091. Includes rows for 63°F, 67°F, and 71°F.

COOLING CAPACITY - XC13-042 TXV System with [CX34-43C-6F + G61MPV-60C-110] [CX34-43C-6F + G71MPP-60C-110]

Table showing cooling capacity data for XC13-042 TXV system with CX34-43C-6F + G61MPV-60C-110 and G71MPP-60C-110. Includes rows for 63°F, 67°F, and 71°F.

COOLING CAPACITY - XC13-042 RFC System with [C33-43C + G61MPV-60C-110] [C33-43C + G71MPP-60C-110]

Table showing cooling capacity data for XC13-042 RFC system with C33-43C + G61MPV-60C-110 and G71MPP-60C-110. Includes rows for 63°F, 67°F, and 71°F.

COOLING CAPACITY - XC13-042 TXV System with [CX34-43C-6F + G61MPV-60C-111]

Table showing cooling capacity data for XC13-042 TXV system with CX34-43C-6F + G61MPV-60C-111. Includes rows for 63°F, 67°F, and 71°F.

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

Table with columns: Entering Wet Bulb Temperature, Total Air Volume (cfm, L/s), Outdoor Air Temperature (85°F, 95°F, 105°F, 115°F), and various capacity and ratio metrics.

COOLING CAPACITY - XC13-042 TXV System with [CX34-44/48-6F + G61MPV-36B-071]

Table showing cooling capacity data for XC13-042 TXV system with CX34-44/48-6F + G61MPV-36B-071 at various temperatures.

COOLING CAPACITY - XC13-042 TXV System with [CX34-44/48-6F + G61MPV-36C-090] [CX34-44/48-6F + G71MPP-36C-090]

Table showing cooling capacity data for XC13-042 TXV system with two different configurations at various temperatures.

COOLING CAPACITY - XC13-042 TXV System with [CX34-44/48-6F + G61MPV-60C-090]

Table showing cooling capacity data for XC13-042 TXV system with CX34-44/48-6F + G61MPV-60C-090 at various temperatures.

COOLING CAPACITY - XC13-042 RFC System with [C33-44/48C + G61MPV-60C-090]

Table showing cooling capacity data for XC13-042 RFC system with C33-44/48C + G61MPV-60C-090 at various temperatures.

COOLING CAPACITY - XC13-042 TXV System with [CX34-44/48-6F + G61MPV-60C-091]

Table showing cooling capacity data for XC13-042 TXV system with CX34-44/48-6F + G61MPV-60C-091 at various temperatures.

COOLING CAPACITY - XC13-042 TXV System with [CX34-44/48-6F + G61MPV-60C-110] [CX34-44/48-6F + G71MPP-60C-110]

Table showing cooling capacity data for XC13-042 TXV system with two configurations at various temperatures.

COOLING CAPACITY - XC13-042 RFC System with [C33-44/48C + G61MPV-60C-110] [C33-44/48C + G71MPP-60C-110]

Table showing cooling capacity data for XC13-042 RFC system with two configurations at various temperatures.

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

Table with columns: Entering Wet Bulb Temperature, Total Air Volume (cfm, L/s), Total Cooling Capacity (kBtu/h, kW), Comp Motor kW Input, and Sensible To Total Ratio (S/T) Dry Bulb for Outdoor Air Temperature Entering Outdoor Coil (85°F, 95°F, 105°F, 115°F).

COOLING CAPACITY - XC13-042 TXV System with [CR33-50/60C-F]

Table showing cooling capacity data for XC13-042 TXV System with CR33-50/60C-F coils at 63°F, 67°F, and 71°F entering wet bulb temperatures.

COOLING CAPACITY - XC13-042 RFC System with [CR33-50/60C-F]

Table showing cooling capacity data for XC13-042 RFC System with CR33-50/60C-F coils at 63°F, 67°F, and 71°F entering wet bulb temperatures.

DOWN-FLOW INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - XC13-042 TXV System with [CR33-30/36C-F + G60DFV-60C-090]

Table showing cooling capacity data for XC13-042 TXV System with CR33-30/36C-F + G60DFV-60C-090 coils at 63°F, 67°F, and 71°F entering wet bulb temperatures.

COOLING CAPACITY - XC13-042 RFC System with [CR33-30/36C-F + G60DFV-60C-090]

Table showing cooling capacity data for XC13-042 RFC System with CR33-30/36C-F + G60DFV-60C-090 coils at 63°F, 67°F, and 71°F entering wet bulb temperatures.

COOLING CAPACITY - XC13-042 TXV System with [CR33-30/36C-F + G60DFV-60C-110]

Table showing cooling capacity data for XC13-042 TXV System with CR33-30/36C-F + G60DFV-60C-110 coils at 63°F, 67°F, and 71°F entering wet bulb temperatures.

COOLING CAPACITY - XC13-042 RFC System with [CR33-30/36C-F + G60DFV-60C-110]

Table showing cooling capacity data for XC13-042 RFC System with CR33-30/36C-F + G60DFV-60C-110 coils at 63°F, 67°F, and 71°F entering wet bulb temperatures.

COOLING CAPACITY - XC13-042 TXV System with [CR33-30/36C-F + G61MPV-36C-090]

Table showing cooling capacity data for XC13-042 TXV System with CR33-30/36C-F + G61MPV-36C-090 and G71MPP-36C-090 coils at 63°F, 67°F, and 71°F entering wet bulb temperatures.

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

Table header for ratings, including columns for Entering Wet Bulb Temperature, Total Air Volume, Outdoor Air Temperature, and various cooling capacity and ratio metrics across different temperature ranges.

COOLING CAPACITY - XC13-042 RFC System with [CR33-48C-F + G61MPV-60C-110]

Table for COOLING CAPACITY - XC13-042 RFC System with [CR33-48C-F + G61MPV-60C-110] at various temperatures.

COOLING CAPACITY - XC13-042 TXV System with [CR33-48C-F + G61MPV-60C-110]

Table for COOLING CAPACITY - XC13-042 TXV System with [CR33-48C-F + G61MPV-60C-110] at various temperatures.

COOLING CAPACITY - XC13-042 TXV System with [CR33-50/60C-F + G60DFV-60C-090]

Table for COOLING CAPACITY - XC13-042 TXV System with [CR33-50/60C-F + G60DFV-60C-090] at various temperatures.

COOLING CAPACITY - XC13-042 RFC System with [CR33-50/60C-F + G60DFV-60C-090]

Table for COOLING CAPACITY - XC13-042 RFC System with [CR33-50/60C-F + G60DFV-60C-090] at various temperatures.

COOLING CAPACITY - XC13-042 TXV System with [CR33-50/60C-F + G60DFV-60C-110]

Table for COOLING CAPACITY - XC13-042 TXV System with [CR33-50/60C-F + G60DFV-60C-110] at various temperatures.

COOLING CAPACITY - XC13-042 RFC System with [CR33-50/60C-F + G60DFV-60C-110]

Table for COOLING CAPACITY - XC13-042 RFC System with [CR33-50/60C-F + G60DFV-60C-110] at various temperatures.

COOLING CAPACITY - XC13-042 TXV System with [CR33-50/60C-F + G61MPV-36C-090] [CR33-50/60C-F + G71MPP-36C-090]

Table for COOLING CAPACITY - XC13-042 TXV System with [CR33-50/60C-F + G61MPV-36C-090] [CR33-50/60C-F + G71MPP-36C-090] at various temperatures.

COOLING CAPACITY - XC13-042 TXV System with [CR33-50/60C-F + G61MPV-60C-090]

Table for COOLING CAPACITY - XC13-042 TXV System with [CR33-50/60C-F + G61MPV-60C-090] at various temperatures.

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

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	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C						

COOLING CAPACITY - XC13-042 TXV System with [CH23-41]

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	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C			

COOLING CAPACITY - XC13-042 TXV System 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										
			kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C			

COOLING CAPACITY - XC13-042 TXV System with [CH33-36B-2F]

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	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C			

COOLING CAPACITY - XC13-042 TXV System with [CH33-36C-2F]

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	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C			

COOLING CAPACITY - XC13-042 RFC System with [CH33-36C-2F]

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	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C			

COOLING CAPACITY - XC13-042 TXV System with [CH33-42B-2F]

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	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C			

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

Table with columns: Entering Wet Bulb Temperature, Total Air Volume (cfm, L/s), Outdoor Air Temperature Entering Outdoor Coil (85°F, 95°F, 105°F, 115°F), Total Cooling Capacity (kBtuh, kW), Comp Motor kW Input, Sensible To Total Ratio (S/T) Dry Bulb (75°F, 80°F, 85°F).

COOLING CAPACITY - XC13-042 RFC System with [CH33-50/60C-2F]

Table of cooling capacity for XC13-042 RFC System with [CH33-50/60C-2F]. Rows include 63°F, 67°F, and 71°F with three air volume options each. Columns correspond to the headers in the previous table.

HORIZONTAL INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - XC13-042 TXV System with [CH33-36B-2F + G60UHV-36B-090]

Table of cooling capacity for XC13-042 TXV System with [CH33-36B-2F + G60UHV-36B-090]. Rows include 63°F, 67°F, and 71°F with two air volume options each.

COOLING CAPACITY - XC13-042 RFC System with [CH33-36B-2F + G60UHV-36B-090]

Table of cooling capacity for XC13-042 RFC System with [CH33-36B-2F + G60UHV-36B-090]. Rows include 63°F, 67°F, and 71°F with two air volume options each.

COOLING CAPACITY - XC13-042 TXV System with [CH33-36B-2F + G61MPV-36B-070] [CH33-36B-2F + G71MPP-36B-070]

Table of cooling capacity for XC13-042 TXV System with [CH33-36B-2F + G61MPV-36B-070] and [CH33-36B-2F + G71MPP-36B-070]. Rows include 63°F, 67°F, and 71°F with two air volume options each.

COOLING CAPACITY - XC13-042 RFC System with [CH33-36B-2F + G61MPV-36B-070] [CH33-36B-2F + G71MPP-36B-070]

Table of cooling capacity for XC13-042 RFC System with [CH33-36B-2F + G61MPV-36B-070] and [CH33-36B-2F + G71MPP-36B-070]. Rows include 63°F, 67°F, and 71°F with two air volume options each.

COOLING CAPACITY - XC13-042 TXV System with [CH33-36B-2F + G61MPV-36B-071]

Table of cooling capacity for XC13-042 TXV System with [CH33-36B-2F + G61MPV-36B-071]. Rows include 63°F, 67°F, and 71°F with two air volume options each.

COOLING CAPACITY - XC13-042 TXV System with [CH33-36C-2F + G60UHV-60C-090]

Table of cooling capacity for XC13-042 TXV System with [CH33-36C-2F + G60UHV-60C-090]. Rows include 63°F, 67°F, and 71°F with two air volume options each.

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

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
COOLING CAPACITY - XC13-042 RFC System with [CH33-36C-2F + G60UHV-60C-090]																										
63°F (17°C)	1355	640	43.0	12.6	2.48	.79	.94	1.00	41.0	12.0	2.81	.81	.97	1.00	38.5	11.3	3.20	.83	.99	1.00	36.2	10.6	3.66	.86	1.00	1.00
67°F (19°C)	1355	640	45.0	13.2	2.51	.63	.77	.91	43.0	12.6	2.85	.64	.79	.94	40.5	11.9	3.24	.65	.81	.97	38.0	11.1	3.71	.67	.84	1.00
71°F (22°C)	1355	640	47.0	13.8	2.55	.48	.62	.75	45.0	13.2	2.89	.48	.63	.77	42.5	12.5	3.29	.49	.64	.79	40.0	11.7	3.76	.49	.66	.82
63°F (17°C)	1520	715	44.0	12.9	2.49	.82	.98	1.00	41.5	12.2	2.83	.84	1.00	1.00	39.5	11.6	3.22	.87	1.00	1.00	37.4	11.0	3.69	.90	1.00	1.00
COOLING CAPACITY - XC13-042 TXV System with [CH33-36C-2F + G60UHV-60C-110]																										
63°F (17°C)	1295	610	42.0	12.3	2.47	.78	.92	1.00	40.0	11.7	2.80	.80	.95	1.00	38.0	11.1	3.19	.82	.97	1.00	35.6	10.4	3.64	.84	1.00	1.00
67°F (19°C)	1395	660	45.0	13.2	2.51	.63	.78	.92	42.5	12.5	2.84	.64	.79	.94	40.5	11.9	3.24	.66	.82	.97	37.8	11.1	3.70	.67	.84	1.00
71°F (22°C)	1395	660	47.0	13.8	2.54	.48	.62	.75	44.5	13.0	2.88	.49	.63	.77	42.5	12.5	3.28	.49	.65	.80	39.5	11.6	3.75	.50	.66	.82
63°F (17°C)	1575	745	43.5	12.7	2.49	.83	.98	1.00	41.5	12.2	2.83	.85	1.00	1.00	39.5	11.6	3.20	.87	1.00	1.00	37.4	11.0	3.69	.90	1.00	1.00
COOLING CAPACITY - XC13-042 RFC System with [CH33-36C-2F + G60UHV-60C-110]																										
63°F (17°C)	1295	610	42.5	12.5	2.48	.78	.93	1.00	40.5	11.9	2.81	.80	.95	1.00	38.0	11.1	3.20	.82	.98	1.00	35.8	10.5	3.65	.85	1.00	1.00
67°F (19°C)	1395	660	45.5	13.3	2.52	.63	.78	.92	43.0	12.6	2.85	.65	.80	.95	41.0	12.0	3.25	.66	.82	.98	38.0	11.1	3.71	.68	.85	1.00
71°F (22°C)	1395	660	47.5	13.9	2.55	.48	.62	.76	45.0	13.2	2.89	.48	.63	.78	42.5	12.5	3.30	.49	.65	.80	40.0	11.7	3.76	.50	.67	.83
63°F (17°C)	1575	745	44.0	12.9	2.50	.83	.99	1.00	42.0	12.3	2.83	.85	1.00	1.00	40.0	11.7	3.23	.88	1.00	1.00	37.6	11.0	3.70	.91	1.00	1.00
COOLING CAPACITY - XC13-042 TXV System with [CH33-36C-2F + G61MPV-36C-090] [CH33-36C-2F + G71MPP-36C-090]																										
63°F (17°C)	1185	560	41.5	12.2	2.46	.76	.90	1.00	39.5	11.6	2.79	.78	.92	1.00	37.2	10.9	3.17	.80	.95	1.00	35.0	10.3	3.63	.82	.98	1.00
67°F (19°C)	1395	660	45.0	13.2	2.51	.63	.78	.92	42.5	12.5	2.84	.65	.80	.94	40.5	11.9	3.24	.66	.82	.97	37.8	11.1	3.70	.68	.85	1.00
71°F (22°C)	1395	660	47.0	13.8	2.54	.47	.62	.76	44.5	13.0	2.88	.49	.64	.77	42.5	12.5	3.28	.50	.65	.80	39.5	11.6	3.75	.50	.67	.82
63°F (17°C)	1395	660	42.5	12.5	2.48	.80	.95	1.00	40.5	11.9	2.81	.82	.97	1.00	38.5	11.3	3.20	.84	.99	1.00	36.4	10.7	3.67	.87	1.00	1.00
COOLING CAPACITY - XC13-042 TXV System with [CH33-36C-2F + G61MPV-60C-090]																										
63°F (17°C)	1275	600	42.0	12.3	2.47	.78	.92	1.00	40.0	11.7	2.80	.79	.94	1.00	37.8	11.1	3.19	.81	.97	1.00	35.6	10.4	3.64	.84	1.00	1.00
67°F (19°C)	1380	650	45.0	13.2	2.51	.63	.77	.91	42.5	12.5	2.84	.64	.79	.94	40.5	11.9	3.24	.66	.81	.97	37.8	11.1	3.70	.67	.84	.99
71°F (22°C)	1380	650	47.0	13.8	2.54	.48	.62	.75	44.5	13.0	2.88	.49	.63	.77	42.0	12.3	3.28	.49	.65	.79	39.5	11.6	3.74	.50	.66	.82
63°F (17°C)	1560	735	43.5	12.7	2.49	.83	.98	1.00	41.5	12.2	2.82	.85	1.00	1.00	39.5	11.6	3.22	.87	1.00	1.00	37.2	10.9	3.68	.90	1.00	1.00
COOLING CAPACITY - XC13-042 RFC System with [CH33-36C-2F + G61MPV-60C-090]																										
63°F (17°C)	1275	600	42.5	12.5	2.48	.78	.92	1.00	40.5	11.9	2.81	.80	.95	1.00	38.0	11.1	3.19	.82	.98	1.00	35.6	10.4	3.65	.85	1.00	1.00
67°F (19°C)	1380	650	45.5	13.3	2.52	.63	.78	.92	43.0	12.6	2.85	.64	.80	.95	40.5	11.9	3.25	.66	.82	.98	38.0	11.1	3.71	.68	.85	1.00
71°F (22°C)	1380	650	47.5	13.9	2.55	.48	.62	.76	45.0	13.2	2.89	.48	.63	.78	42.5	12.5	3.29	.49	.65	.80	40.0	11.7	3.76	.50	.67	.83
63°F (17°C)	1560	735	44.5	13.6	2.54	.47	.61	.74	44.5	13.0	2.88	.48	.62	.75	42.0	12.3	3.28	.48	.63	.78	39.5	11.6	3.74	.49	.65	.80
COOLING CAPACITY - XC13-042 TXV System with [CH33-36C-2F + G61MPV-60C-091]																										
63°F (17°C)	1340	630	42.5	12.5	2.47	.79	.94	1.00	40.5	11.9	2.80	.81	.96	1.00	38.0	11.1	3.19	.83	.99	1.00	36.0	10.6	3.65	.86	1.00	1.00
67°F (19°C)	1340	630	44.5	13.0	2.50	.63	.77	.90	42.5	12.5	2.84	.64	.79	.93	40.0	11.7	3.23	.65	.81	.96	37.6	11.0	3.69	.67	.83	.99
71°F (22°C)	1340	630	46.5	13.6	2.53	.48	.62	.75	44.5	13.0	2.87	.49	.63	.76	42.0	12.3	3.27	.49	.64	.79	39.5	11.6	3.74	.50	.66	.81
63°F (17°C)	1515	715	43.5	12.7	2.49	.82	.97	1.00	41.5	12.2	2.82	.84	.99	1.00	39.5	11.6	3.21	.86	1.00	1.00	37.0	10.8	3.68	.89	1.00	1.00

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

Table with columns for Entering Wet Bulb Temperature, Total Air Volume (cfm, L/s), Total Cooling Capacity (kBtuh, kW), Comp Motor kW Input, and Sensible To Total Ratio (S/T) Dry Bulb. Rows are categorized by Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C), 95°F (35°C), 105°F (41°C), and 115°F (46°C).

COOLING CAPACITY - XC13-042 TXV System with [CH33-43C-2F + G60UHV-60C-090]

Table showing cooling capacity data for XC13-042 TXV System with CH33-43C-2F + G60UHV-60C-090. Columns include temperature (63°F, 67°F, 71°F) and capacity values for various conditions.

COOLING CAPACITY - XC13-042 RFC System with [CH33-43C-2F + G60UHV-60C-090]

Table showing cooling capacity data for XC13-042 RFC System with CH33-43C-2F + G60UHV-60C-090. Columns include temperature (63°F, 67°F, 71°F) and capacity values for various conditions.

COOLING CAPACITY - XC13-042 TXV System with [CH33-43C-2F + G60UHV-60C-110]

Table showing cooling capacity data for XC13-042 TXV System with CH33-43C-2F + G60UHV-60C-110. Columns include temperature (63°F, 67°F, 71°F) and capacity values for various conditions.

COOLING CAPACITY - XC13-042 RFC System with [CH33-43C-2F + G60UHV-60C-110]

Table showing cooling capacity data for XC13-042 RFC System with CH33-43C-2F + G60UHV-60C-110. Columns include temperature (63°F, 67°F, 71°F) and capacity values for various conditions.

COOLING CAPACITY - XC13-042 TXV System with [CH33-43C-2F + G61MPV-36C-090]

Table showing cooling capacity data for XC13-042 TXV System with CH33-43C-2F + G61MPV-36C-090. Columns include temperature (63°F, 67°F, 71°F) and capacity values for various conditions.

COOLING CAPACITY - XC13-042 RFC System with [CH33-43C-2F + G61MPV-36C-090]

Table showing cooling capacity data for XC13-042 RFC System with CH33-43C-2F + G61MPV-36C-090. Columns include temperature (63°F, 67°F, 71°F) and capacity values for various conditions.

COOLING CAPACITY - XC13-042 TXV System with [CH33-43C-2F + G61MPV-60C-090]

Table showing cooling capacity data for XC13-042 TXV System with CH33-43C-2F + G61MPV-60C-090. Columns include temperature (63°F, 67°F, 71°F) and capacity values for various conditions.

COOLING CAPACITY - XC13-042 RFC System with [CH33-43C-2F + G61MPV-60C-090]

Table showing cooling capacity data for XC13-042 RFC System with CH33-43C-2F + G61MPV-60C-090. Columns include temperature (63°F, 67°F, 71°F) and capacity values for various conditions.

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

Table with columns for Entering Wet Bulb Temperature, Total Air Volume, Outdoor Air Temperature Entering Outdoor Coil (85°F, 95°F, 105°F, 115°F), and various capacity and ratio metrics.

COOLING CAPACITY - XC13-042 TXV System with [CH33-48C-2F + G61MPV-36C-090]

Table showing cooling capacity data for XC13-042 TXV system with CH33-48C-2F + G61MPV-36C-090 at various temperatures.

COOLING CAPACITY - XC13-042 TXV System with [CH33-48C-2F + G61MPV-60C-090]

Table showing cooling capacity data for XC13-042 TXV system with CH33-48C-2F + G61MPV-60C-090 at various temperatures.

COOLING CAPACITY - XC13-042 RFC System with [CH33-48C-2F + G61MPV-60C-090]

Table showing cooling capacity data for XC13-042 RFC system with CH33-48C-2F + G61MPV-60C-090 at various temperatures.

COOLING CAPACITY - XC13-042 TXV System with [CH33-48C-2F + G61MPV-60C-091]

Table showing cooling capacity data for XC13-042 TXV system with CH33-48C-2F + G61MPV-60C-091 at various temperatures.

COOLING CAPACITY - XC13-042 TXV System with [CH33-48C-2F + G61MPV-60C-110]

Table showing cooling capacity data for XC13-042 TXV system with CH33-48C-2F + G61MPV-60C-110 at various temperatures.

COOLING CAPACITY - XC13-042 RFC System with [CH33-48C-2F + G61MPV-60C-110]

Table showing cooling capacity data for XC13-042 RFC system with CH33-48C-2F + G61MPV-60C-110 at various temperatures.

COOLING CAPACITY - XC13-042 TXV System with [CH33-48C-2F + G61MPV-60C-111]

Table showing cooling capacity data for XC13-042 TXV system with CH33-48C-2F + G61MPV-60C-111 at various temperatures.

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

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	kW	kBtuh	kW	kW	kBtuh	kW	kW	kBtuh	kW	kW	kBtuh	kW	kW	kBtuh	kW	kW			

COOLING CAPACITY - XC13-042 TXV System with [CH33-50/60C-2F + G61MPV-60C-110]

63°F (17°C)	1290	610	44.0	12.9	2.49	.77	.91	1.00	41.5	12.2	2.83	.79	.94	1.00	39.5	11.6	3.22	.81	.96	1.00	37.0	10.8	3.68	.83	.99	1.00
	1405	665	44.5	13.0	2.50	.79	.94	1.00	42.5	12.5	2.84	.81	.96	1.00	40.0	11.7	3.23	.83	.99	1.00	37.6	11.0	3.70	.86	1.00	1.00
	1580	745	45.5	13.3	2.52	.82	.98	1.00	43.5	12.7	2.86	.84	1.00	1.00	41.0	12.0	3.25	.86	1.00	1.00	39.0	11.4	3.73	.90	1.00	1.00

COOLING CAPACITY - XC13-042 RFC System with [CH33-50/60C-2F + G61MPV-60C-110]

63°F (17°C)	1290	610	44.0	12.9	2.50	.77	.92	1.00	42.0	12.3	2.83	.79	.94	1.00	39.5	11.6	3.23	.81	.97	1.00	37.0	10.8	3.68	.84	1.00	1.00
	1405	665	45.0	13.2	2.51	.79	.95	1.00	42.5	12.5	2.84	.81	.97	1.00	40.5	11.9	3.24	.84	1.00	1.00	37.8	11.1	3.71	.87	1.00	1.00
	1580	745	46.0	13.5	2.53	.83	.99	1.00	43.5	12.7	2.86	.85	1.00	1.00	41.5	12.2	3.26	.87	1.00	1.00	39.0	11.4	3.74	.91	1.00	1.00

COOLING CAPACITY - XC13-042 TXV System with [CH33-50/60C-2F + G61MPV-60C-111]

63°F (17°C)	1290	610	44.0	12.9	2.49	.77	.91	1.00	41.5	12.2	2.83	.79	.94	1.00	39.5	11.6	3.22	.81	.96	1.00	37.0	10.8	3.68	.83	.99	1.00
	1400	660	44.5	13.0	2.50	.79	.94	1.00	42.5	12.5	2.84	.81	.96	1.00	40.0	11.7	3.23	.83	.99	1.00	37.6	11.0	3.69	.86	1.00	1.00
	1605	760	46.0	13.5	2.52	.83	.98	1.00	43.5	12.7	2.86	.85	1.00	1.00	41.5	12.2	3.26	.87	1.00	1.00	39.0	11.4	3.73	.90	1.00	1.00

AIR HANDLERS

COOLING CAPACITY - XC13-042 TXV System with [CB30M-46]

63°F (17°C)	1275	600	42.0	12.3	2.47	.78	.93	1.00	40.0	11.7	2.80	.80	.95	1.00	38.0	11.1	3.19	.82	.97	1.00	35.6	10.4	3.64	.85	1.00	1.00
	1400	660	43.0	12.6	2.48	.81	.96	1.00	41.0	12.0	2.81	.83	.98	1.00	39.0	11.4	3.20	.85	1.00	1.00	36.6	10.7	3.66	.88	1.00	1.00
	1625	765	44.5	13.0	2.50	.85	.99	1.00	42.0	12.3	2.83	.87	1.00	1.00	40.0	11.7	3.23	.90	1.00	1.00	37.8	11.1	3.70	.93	1.00	1.00

COOLING CAPACITY - XC13-042 TXV System with [CB30M-51]

63°F (17°C)	1225	580	43.5	12.7	2.49	.77	.92	1.00	41.5	12.2	2.82	.79	.94	1.00	39.0	11.4	3.21	.81	.97	1.00	36.6	10.7	3.67	.84	.99	1.00
	1350	635	44.0	12.9	2.50	.80	.95	1.00	42.0	12.3	2.83	.82	.97	1.00	40.0	11.7	3.23	.84	.99	1.00	37.4	11.0	3.69	.87	1.00	1.00
	1575	745	45.5	13.3	2.52	.84	.99	1.00	43.5	12.7	2.86	.86	1.00	1.00	41.5	12.2	3.26	.89	1.00	1.00	39.0	11.4	3.73	.92	1.00	1.00

COOLING CAPACITY - XC13-042 TXV System with [CBX26UH-042]

63°F (17°C)	1400	660	43.5	12.7	2.49	.79	.93	1.00	41.5	12.2	2.82	.81	.96	1.00	39.0	11.4	3.21	.83	.98	1.00	36.8	10.8	3.67	.85	1.00	1.00
	1590	750	44.5	13.0	2.50	.82	.97	1.00	42.5	12.5	2.84	.84	.99	1.00	40.5	11.9	3.23	.86	1.00	1.00	38.0	11.1	3.70	.89	1.00	1.00
	1400	660	46.0	13.5	2.52	.83	.97	.90	43.5	12.7	2.86	.84	.99	1.00	41.0	12.0	3.26	.86	.81	.95	38.5	11.3	3.72	.67	.83	.99

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

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

COOLING CAPACITY - XC13-042 TXV System with

[CBX32MV-048]
[CBX40UHV-048]

63°F (17°C)	1205	570	43.0	12.6	2.48	.75	.90	1.00	41.0	12.0	2.81	.77	.92	1.00	38.5	11.3	3.20	.79	.95	1.00	36.2	10.6	3.66	.82	.98	1.00
	1375	650	44.0	12.9	2.50	.79	.94	1.00	42.0	12.3	2.83	.80	.97	1.00	39.5	11.6	3.22	.83	.99	1.00	37.2	10.9	3.68	.85	1.00	1.00
	1555	735	45.0	13.2	2.51	.82	.98	1.00	43.0	12.6	2.85	.84	1.00	1.00	40.5	11.9	3.24	.86	1.00	1.00	38.5	11.3	3.72	.90	1.00	1.00
67°F (19°C)	1205	570	45.5	13.3	2.52	.60	.73	.87	43.5	12.7	2.85	.61	.75	.89	41.0	12.0	3.25	.62	.77	.92	38.0	11.1	3.71	.63	.79	.95
	1375	650	46.5	13.6	2.54	.62	.76	.91	44.0	12.9	2.87	.63	.78	.94	41.5	12.2	3.27	.64	.81	.96	39.0	11.4	3.73	.66	.83	.99
	1555	735	47.5	13.9	2.55	.64	.80	.95	45.0	13.2	2.89	.65	.82	.97	42.5	12.5	3.29	.66	.84	1.00	39.5	11.6	3.75	.68	.88	1.00
71°F (22°C)	1205	570	47.5	13.9	2.56	.45	.58	.71	45.5	13.3	2.90	.45	.59	.73	43.0	12.6	3.30	.46	.61	.75	40.5	11.9	3.77	.47	.62	.77
	1375	650	49.0	14.4	2.58	.46	.60	.74	46.5	13.6	2.92	.46	.62	.76	44.0	12.9	3.32	.47	.63	.78	41.0	12.0	3.80	.48	.65	.81
	1555	735	50.0	14.7	2.60	.47	.63	.78	47.5	13.9	2.94	.48	.64	.80	45.0	13.2	3.34	.48	.65	.82	42.0	12.3	3.82	.49	.67	.85

COOLING CAPACITY - XC13-042 TXV System with

[CBX32MV-060]
[CBX40UHV-060]

63°F (17°C)	1205	570	43.5	12.7	2.48	.76	.89	1.00	41.0	12.0	2.82	.77	.92	1.00	39.0	11.4	3.20	.79	.94	1.00	36.4	10.7	3.66	.81	.97	1.00
	1375	650	44.5	13.0	2.50	.78	.93	1.00	42.0	12.3	2.83	.80	.96	1.00	40.0	11.7	3.23	.82	.98	1.00	37.6	11.0	3.69	.85	1.00	1.00
	1555	735	45.5	13.3	2.52	.81	.97	1.00	43.0	12.6	2.85	.84	.99	1.00	41.0	12.0	3.25	.86	1.00	1.00	38.5	11.3	3.72	.89	1.00	1.00
67°F (19°C)	1205	570	45.5	13.3	2.52	.60	.73	.86	43.5	12.7	2.86	.61	.75	.88	41.0	12.0	3.25	.62	.77	.91	38.5	11.3	3.71	.63	.79	.94
	1375	650	46.5	13.6	2.54	.62	.76	.90	44.5	13.0	2.88	.63	.78	.93	42.0	12.3	3.27	.64	.80	.95	39.5	11.6	3.74	.66	.83	.98
	1555	735	48.0	14.1	2.56	.64	.79	.95	45.5	13.3	2.90	.65	.81	.97	43.0	12.6	3.30	.66	.84	.99	40.0	11.7	3.76	.68	.87	1.00
71°F (22°C)	1205	570	48.0	14.1	2.56	.45	.58	.71	45.5	13.3	2.90	.46	.59	.73	43.0	12.6	3.30	.46	.61	.75	40.5	11.9	3.77	.47	.62	.77
	1375	650	49.0	14.4	2.58	.46	.60	.74	47.0	13.8	2.93	.47	.62	.76	44.0	12.9	3.33	.47	.63	.78	41.5	12.2	3.80	.48	.65	.81
	1555	735	50.0	14.7	2.60	.47	.63	.77	47.5	13.9	2.95	.48	.64	.79	45.0	13.2	3.35	.48	.65	.82	42.0	12.3	3.82	.49	.67	.85

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

Table with columns: Entering Wet Bulb Temperature, Total Air Volume, Outdoor Air Temperature Entering Outdoor Coil (85°F, 95°F, 105°F, 115°F), Total Cooling Capacity, Comp Motor kW Input, Sensible To Total Ratio (S/T) Dry Bulb.

COOLING CAPACITY - XC13-048 with

[C33-49C with G60UHV-60C-090] [CX34-49C-6F with G60UHV-60C-090]

Table for XC13-048 with G60UHV-60C-090, showing cooling capacity and motor input for 63°F, 67°F, and 71°F entering wet bulb temperatures.

COOLING CAPACITY - XC13-048 with

[C33-49C with G60UHV-60C-110] [CX34-49C-6F with G60UHV-60C-110]

Table for XC13-048 with G60UHV-60C-110, showing cooling capacity and motor input for 63°F, 67°F, and 71°F entering wet bulb temperatures.

COOLING CAPACITY - XC13-048 with

[C33-49C with G61MPV-60C-090] [CX34-49C-6F with G61MPV-60C-090]

Table for XC13-048 with G61MPV-60C-090, showing cooling capacity and motor input for 63°F, 67°F, and 71°F entering wet bulb temperatures.

COOLING CAPACITY - XC13-048 with

[C33-49C with G61MPV-60C-110] [CX34-49C-6F with G61MPV-60C-110]

Table for XC13-048 with G61MPV-60C-110, showing cooling capacity and motor input for 63°F, 67°F, and 71°F entering wet bulb temperatures.

COOLING CAPACITY - XC13-048 with

[C33-50/60C with G60UHV-60C-090] [CX34-50/60C-6F with G60UHV-60C-090]

Table for XC13-048 with G60UHV-60C-090, showing cooling capacity and motor input for 63°F, 67°F, and 71°F entering wet bulb temperatures.

COOLING CAPACITY - XC13-048 with

[C33-50/60C with G60UHV-60C-110] [CX34-50/60C-6F with G60UHV-60C-110]

Table for XC13-048 with G60UHV-60C-110, showing cooling capacity and motor input for 63°F, 67°F, and 71°F entering wet bulb temperatures.

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

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

COOLING CAPACITY - XC13-048 with

[C33-50/60C with G61MPV-60C-090]
[CX34-50/60C-6F with G61MPV-60C-090]

63°F (17°C)	1380	650	47.0	13.8	3.06	.76	.89	1.00	45.0	13.2	3.46	.77	.91	1.00	42.5	12.5	3.90	.79	.94	1.00	39.5	11.6	4.41	.81	.97	1.00
	1605	760	48.5	14.2	3.07	.79	.94	1.00	46.0	13.5	3.47	.81	.96	1.00	43.5	12.7	3.92	.83	.99	1.00	40.5	11.9	4.43	.86	1.00	1.00
	1755	830	49.5	14.5	3.08	.81	.96	1.00	47.0	13.8	3.48	.83	.99	1.00	44.0	12.9	3.93	.85	1.00	1.00	41.5	12.2	4.44	.89	1.00	1.00

COOLING CAPACITY - XC13-048 with

[C33-50/60C with G61MPV-60C-110]
[CX34-50/60C-6F with G61MPV-60C-110]

63°F (17°C)	1405	665	47.0	13.8	3.06	.76	.89	1.00	45.0	13.2	3.46	.77	.92	1.00	42.5	12.5	3.91	.79	.94	1.00	39.5	11.6	4.42	.82	.98	1.00
	1605	760	48.5	14.2	3.07	.79	.94	1.00	46.0	13.5	3.48	.81	.96	1.00	43.5	12.7	3.93	.83	.99	1.00	40.5	11.9	4.43	.86	1.00	1.00
	1790	845	49.5	14.5	3.08	.82	.97	1.00	47.0	13.8	3.49	.84	.99	1.00	44.5	13.0	3.94	.86	1.00	1.00	41.5	12.2	4.45	.89	1.00	1.00

COOLING CAPACITY - XC13-048 with

[C33-60D with G60UHV-60D-135]
[CX34-60D-6F with G60UHV-60D-135]

63°F (17°C)	1370	645	47.5	13.9	3.11	.76	.90	1.00	45.5	13.3	3.52	.78	.92	1.00	43.0	12.6	3.98	.80	.95	1.00	40.0	11.7	4.49	.82	.98	1.00
	1575	745	49.0	14.4	3.13	.79	.94	1.00	46.5	13.6	3.54	.81	.97	1.00	44.0	12.9	3.99	.83	.99	1.00	41.0	12.0	4.51	.86	1.00	1.00
	1745	825	50.0	14.7	3.13	.82	.98	1.00	47.5	13.9	3.55	.84	1.00	1.00	45.0	13.2	4.01	.86	1.00	1.00	42.5	12.5	4.53	.89	1.00	1.00

COOLING CAPACITY - XC13-048 with

[C33-60D with G61MPV-60D-135]
[CX34-60D-6F with G61MPV-60D-135]

63°F (17°C)	1400	660	48.5	14.2	3.12	.76	.90	1.00	46.0	13.5	3.53	.78	.92	1.00	43.5	12.7	3.99	.80	.95	1.00	40.5	11.9	4.51	.83	.98	1.00
	1600	755	49.5	14.5	3.13	.80	.95	1.00	47.0	13.8	3.55	.82	.97	1.00	44.5	13.0	4.01	.84	1.00	1.00	41.5	12.2	4.52	.86	1.00	1.00
	1780	840	50.5	14.8	3.14	.82	.98	1.00	48.0	14.1	3.56	.84	1.00	1.00	45.5	13.3	4.02	.87	1.00	1.00	43.0	12.6	4.55	.90	1.00	1.00

COOLING CAPACITY - XC13-048 with

[C33-62C with G60UHV-60C-090]
[CX34-62C-6F with G60UHV-60C-090]

63°F (17°C)	1460	690	49.5	14.5	3.11	.78	.93	1.00	47.0	13.8	3.52	.80	.95	1.00	44.5	13.0	3.97	.82	.98	1.00	41.5	12.2	4.49	.85	1.00	1.00
	1635	770	50.5	14.8	3.12	.82	.97	1.00	48.0	14.1	3.53	.84	.99	1.00	45.5	13.3	3.99	.86	1.00	1.00	43.0	12.6	4.51	.89	1.00	1.00
	1845	870	52.0	15.2	3.13	.85	1.00	1.00	49.5	14.5	3.55	.87	1.00	1.00	47.0	13.8	4.01	.90	1.00	1.00	44.5	13.0	4.54	.94	1.00	1.00

COOLING CAPACITY - XC13-048 with

[C33-62C with G60UHV-60C-110]
[CX34-62C-6F with G60UHV-60C-110]

63°F (17°C)	1395	660	49.0	14.4	3.11	.77	.92	1.00	46.5	13.6	3.52	.79	.94	1.00	44.0	12.9	3.97	.81	.97	1.00	41.0	12.0	4.48	.84	1.00	1.00
	1600	755	50.5	14.8	3.12	.81	.96	1.00	48.0	14.1	3.53	.83	.99	1.00	45.5	13.3	3.99	.85	1.00	1.00	43.0	12.5	4.51	.88	1.00	1.00
	1780	840	51.5	15.1	3.13	.84	1.00	1.00	49.0	14.4	3.54	.86	1.00	1.00	46.5	13.6	4.01	.89	1.00	1.00	44.0	12.9	4.53	.92	1.00	1.00

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

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)					
	cfm	L/s	Total Cooling Capacity	Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity	Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity	Comp Motor kW 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				

COOLING CAPACITY - XC13-048 with

**[C33-62C with G61MPV-60C-090]
[CX34-62C-6F with G61MPV-60C-090]**

63°F (17°C)	1380	650	49.0	14.4	3.07	.77	.91	1.00	46.5	13.6	3.48	.79	.94	1.00	44.0	12.9	3.92	.81	.97	1.00	41.0	12.0	4.43	.84	1.00	1.00
	1605	760	50.5	14.8	3.09	.81	.97	1.00	48.0	14.1	3.49	.83	.99	1.00	45.5	13.3	3.94	.86	1.00	1.00	42.5	12.5	4.46	.88	1.00	1.00
	1755	830	51.5	15.1	3.10	.84	.99	1.00	49.0	14.4	3.50	.86	1.00	1.00	46.5	13.6	3.96	.89	1.00	1.00	44.0	12.9	4.48	.92	1.00	1.00

COOLING CAPACITY - XC13-048 with

**[C33-62C with G61MPV-60C-110]
[CX34-62C-6F with G61MPV-60C-110]**

63°F (17°C)	1405	665	49.0	14.4	3.07	.77	.92	1.00	46.5	13.6	3.48	.79	.94	1.00	44.0	12.9	3.92	.82	.97	1.00	41.5	12.2	4.43	.84	1.00	1.00
	1605	760	50.5	14.8	3.09	.81	.97	1.00	48.0	14.1	3.49	.83	.99	1.00	45.5	13.3	3.94	.86	1.00	1.00	42.5	12.5	4.46	.88	1.00	1.00
	1790	845	51.5	15.1	3.10	.84	1.00	1.00	49.0	14.4	3.50	.87	1.00	1.00	47.0	13.8	3.97	.89	1.00	1.00	44.0	12.9	4.48	.93	1.00	1.00

COOLING CAPACITY - XC13-048 with

**[C33-62D with G60UHV-60D-135]
[CX34-62D-6F with G60UHV-60D-135]**

63°F (17°C)	1370	645	48.5	14.2	3.16	.76	.89	1.00	46.0	13.5	3.58	.77	.91	1.00	43.5	12.7	4.04	.79	.94	1.00	40.5	11.9	4.57	.82	.98	1.00
	1575	745	49.5	14.5	3.18	.79	.94	1.00	47.5	13.9	3.60	.81	.96	1.00	44.5	13.0	4.06	.83	.99	1.00	42.0	12.3	4.59	.86	1.00	1.00
	1745	825	51.0	14.9	3.19	.82	.97	1.00	48.0	14.1	3.61	.84	.99	1.00	45.5	13.3	4.07	.86	1.00	1.00	43.0	12.6	4.61	.89	1.00	1.00

COOLING CAPACITY - XC13-048 with

**[C33-62D with G61MPV-60D-135]
[CX34-62D-6F with G61MPV-60D-135]**

63°F (17°C)	1400	660	48.5	14.2	3.12	.76	.90	1.00	46.0	13.5	3.53	.78	.92	1.00	43.5	12.7	3.99	.80	.95	1.00	41.0	12.0	4.51	.83	.98	1.00
	1600	755	50.0	14.7	3.14	.79	.94	1.00	47.5	13.9	3.55	.81	.97	1.00	45.0	13.2	4.01	.84	1.00	1.00	42.0	12.3	4.53	.86	1.00	1.00
	1780	840	51.0	14.9	3.14	.82	.98	1.00	48.5	14.2	3.56	.84	1.00	1.00	46.0	13.5	4.02	.87	1.00	1.00	43.5	12.6	4.55	.90	1.00	1.00

DOWN-FLOW INDOOR COILS

COOLING CAPACITY - XC13-048 with

[CR33-50/60C-F]

63°F (17°C)	1400	660	47.0	13.8	3.04	.77	.91	1.00	44.5	13.0	3.44	.79	.94	1.00	42.0	12.3	3.88	.81	.96	1.00	39.5	11.6	4.38	.84	.99	1.00
	1600	755	48.0	14.1	3.05	.80	.95	1.00	45.5	13.3	3.45	.82	.98	1.00	43.5	12.7	3.89	.85	.99	1.00	41.0	12.0	4.40	.87	1.00	1.00
	1800	850	49.0	14.4	3.06	.83	.99	1.00	47.0	13.8	3.46	.85	1.00	1.00	44.5	13.0	3.91	.88	1.00	1.00	42.0	12.3	4.42	.91	1.00	1.00

COOLING CAPACITY - XC13-048 with

[CR33-60D-F]

63°F (17°C)	1400	660	47.0	13.8	3.04	.77	.91	1.00	44.5	13.0	3.44	.79	.94	1.00	42.0	12.3	3.88	.81	.96	1.00	39.5	11.6	4.38	.84	.99	1.00
	1600	755	48.0	14.1	3.05	.80	.95	1.00	45.5	13.3	3.45	.82	.98	1.00	43.5	12.7	3.89	.85	.99	1.00	41.0	12.0	4.40	.87	1.00	1.00
	1800	850	49.0	14.4	3.06	.83	.99	1.00	47.0	13.8	3.46	.85	1.00	1.00	44.5	13.0	3.91	.88	1.00	1.00	42.0	12.3	4.42	.91	1.00	1.00

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

Table with columns: Entering Wet Bulb Temperature, Total Air Volume (cfm, L/s), Outdoor Air Temperature Entering Outdoor Coil (85°F, 95°F, 105°F, 115°F), and various performance metrics like Total Cooling Capacity, Comp Motor kW Input, and Sensible To Total Ratio (S/T) Dry Bulb.

COOLING CAPACITY - XC13-048 with [CH23-65]

Cooling capacity table for XC13-048 with CH23-65, showing values for 63°F, 67°F, and 71°F entering wet bulb temperatures across various air flow rates and outdoor temperatures.

COOLING CAPACITY - XC13-048 with [CH23-68]

Cooling capacity table for XC13-048 with CH23-68, showing values for 63°F, 67°F, and 71°F entering wet bulb temperatures across various air flow rates and outdoor temperatures.

COOLING CAPACITY - XC13-048 with [CH33-49C-2F]

Cooling capacity table for XC13-048 with CH33-49C-2F, showing values for 63°F, 67°F, and 71°F entering wet bulb temperatures across various air flow rates and outdoor temperatures.

COOLING CAPACITY - XC13-048 with RFC [CH33-49C-2F]

Cooling capacity table for XC13-048 with RFC CH33-49C-2F, showing values for 63°F, 67°F, and 71°F entering wet bulb temperatures across various air flow rates and outdoor temperatures.

COOLING CAPACITY - XC13-048 with [CH33-50/60C-2F]

Cooling capacity table for XC13-048 with CH33-50/60C-2F, showing values for 63°F, 67°F, and 71°F entering wet bulb temperatures across various air flow rates and outdoor temperatures.

COOLING CAPACITY - XC13-048 with [CH33-60D-2F]

Cooling capacity table for XC13-048 with CH33-60D-2F, showing values for 63°F, 67°F, and 71°F entering wet bulb temperatures across various air flow rates and outdoor temperatures.

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

Table with columns for Entering Wet Bulb Temperature, Total Air Volume (cfm, L/s), Outdoor Air Temperature (85°F, 95°F, 105°F, 115°F), Total Cooling Capacity (kBtuh, kW), Comp Motor kW Input, and Sensible To Total Ratio (S/T) Dry Bulb (75°F, 80°F, 85°F).

COOLING CAPACITY - XC13-048 with [CH33-60D-2F with G61MPV-60D-135]

Table with 26 columns showing cooling capacity and ratios for XC13-048 and CH33-60D-2F units at 63°F, 67°F, and 71°F entering wet bulb temperatures.

COOLING CAPACITY - XC13-048 with [CH33-62D-2F with G60UHV-60D-135]

Table with 26 columns showing cooling capacity and ratios for XC13-048 and CH33-62D-2F units at 63°F, 67°F, and 71°F entering wet bulb temperatures.

COOLING CAPACITY - XC13-048 with [CH33-62D-2F with G61MPV-60D-135]

Table with 26 columns showing cooling capacity and ratios for XC13-048 and CH33-62D-2F units at 63°F, 67°F, and 71°F entering wet bulb temperatures.

AIR HANDLERS

COOLING CAPACITY - XC13-048 with [CBX26UH-048]

Table with 26 columns showing cooling capacity and ratios for XC13-048 and CBX26UH-048 units at 63°F, 67°F, and 71°F entering wet bulb temperatures.

COOLING CAPACITY - XC13-048 with [CBX26UH-060]

Table with 26 columns showing cooling capacity and ratios for XC13-048 and CBX26UH-060 units at 63°F, 67°F, and 71°F entering wet bulb temperatures.

COOLING CAPACITY - XC13-048 with [CBX27UH-048]

Table with 26 columns showing cooling capacity and ratios for XC13-048 and CBX27UH-048 units at 63°F, 67°F, and 71°F entering wet bulb temperatures.

COOLING CAPACITY - XC13-048 with [CBX27UH-060]

Table with 26 columns showing cooling capacity and ratios for XC13-048 and CBX27UH-060 units at 63°F, 67°F, and 71°F entering wet bulb temperatures.

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

Table with 22 columns: Entering Wet Bulb Temperature, Total Air Volume (cfm, L/s), and Outdoor Air Temperature Entering Outdoor Coil (85°F, 95°F, 105°F, 115°F) with sub-columns for Total Cooling Capacity, Comp Motor kW Input, and Sensible To Total Ratio (S/T) Dry Bulb.

COOLING CAPACITY - XC13-060 RFC System with [C33-49C + G60UHV-60C-110]

Table showing cooling capacity data for XC13-060 RFC System with C33-49C + G60UHV-60C-110 across three indoor temperature ranges (63°F, 67°F, 71°F).

COOLING CAPACITY - XC13-060 TXV System with [CX34-49C-6F + G61MPV-60C-110] [CX34-49C-6F + G71MPP-60C-110]

Table showing cooling capacity data for XC13-060 TXV System with CX34-49C-6F + G61MPV-60C-110 and CX34-49C-6F + G71MPP-60C-110 across three indoor temperature ranges.

COOLING CAPACITY - XC13-060 RFC System with [C33-49C + G61MPV-60C-110] [C33-49C + G71MP-60C-110]

Table showing cooling capacity data for XC13-060 RFC System with C33-49C + G61MPV-60C-110 and C33-49C + G71MP-60C-110 across three indoor temperature ranges.

COOLING CAPACITY - XC13-060 TXV System with [CX34-49C-6F + G61MPV-60C-111]

Table showing cooling capacity data for XC13-060 TXV System with CX34-49C-6F + G61MPV-60C-111 across three indoor temperature ranges.

COOLING CAPACITY - XC13-060 TXV System with [CX34-50/60C-6F + G60UHV-60C-090]

Table showing cooling capacity data for XC13-060 TXV System with CX34-50/60C-6F + G60UHV-60C-090 across three indoor temperature ranges.

COOLING CAPACITY - XC13-060 RFC System with [C33-50/60C + G60UHV-60C-090]

Table showing cooling capacity data for XC13-060 RFC System with C33-50/60C + G60UHV-60C-090 across three indoor temperature ranges.

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

Main table with columns for Entering Wet Bulb Temperature, Total Air Volume (cfm, L/s), Total Cooling Capacity (kBtuh, kW), and Sensible To Total Ratio (S/T) Dry Bulb for various outdoor air temperatures (85°F, 95°F, 105°F, 115°F) and indoor temperatures (75°F, 80°F, 85°F).

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.

UP-FLOW INDOOR COIL WITH GAS FURNACES

Table with columns: Entering Wet Bulb Temperature, Total Air Volume (cfm, L/s), Outdoor Air Temperature Entering Outdoor Coil (85°F, 95°F, 105°F, 115°F), Total Cooling Capacity (kBtuh, kW), Comp Motor kW Input, Sensible To Total Ratio (S/T) Dry Bulb (75°F, 80°F, 85°F).

COOLING CAPACITY - XC13-060 RFC System with [C33-62C + G60UHV-60C-110]

Table with columns: Entering Wet Bulb Temperature (63°F, 67°F, 71°F), Total Air Volume (1555, 1780, 1820 cfm), Total Cooling Capacity (60.5, 62.0, 66.0 kBtuh), Comp Motor kW Input (3.86, 3.89, 3.94 kW), Sensible To Total Ratio (S/T) Dry Bulb (75°F, 80°F, 85°F).

COOLING CAPACITY - XC13-060 RFC System with [C33-62C + G61MPV-60C-090]

Table with columns: Entering Wet Bulb Temperature (63°F, 67°F, 71°F), Total Air Volume (1740, 1925, 2125 cfm), Total Cooling Capacity (62.0, 63.5, 64.5 kBtuh), Comp Motor kW Input (3.88, 3.92, 4.02 kW), Sensible To Total Ratio (S/T) Dry Bulb (75°F, 80°F, 85°F).

COOLING CAPACITY - XC13-060 TXV System with [CX34-62C-6F + G61MPV-60C-110] [CX34-62C-6F + G71MPP-60C-110]

Table with columns: Entering Wet Bulb Temperature (63°F, 67°F, 71°F), Total Air Volume (1580, 1790, 1995 cfm), Total Cooling Capacity (60.5, 62.0, 63.5 kBtuh), Comp Motor kW Input (3.81, 3.83, 3.85 kW), Sensible To Total Ratio (S/T) Dry Bulb (75°F, 80°F, 85°F).

COOLING CAPACITY - XC13-060 TXV System with [CX34-62C-6F + G61MPV-60C-111]

Table with columns: Entering Wet Bulb Temperature (63°F, 67°F, 71°F), Total Air Volume (1580, 1800, 1960 cfm), Total Cooling Capacity (61.0, 62.5, 64.0 kBtuh), Comp Motor kW Input (3.84, 3.87, 3.93 kW), Sensible To Total Ratio (S/T) Dry Bulb (75°F, 80°F, 85°F).

COOLING CAPACITY - XC13-060 TXV System with [CX34-62D-6F + G60UHV-60D-135]

Table with columns: Entering Wet Bulb Temperature (63°F, 67°F, 71°F), Total Air Volume (1695, 1900, 2140 cfm), Total Cooling Capacity (60.5, 62.0, 63.5 kBtuh), Comp Motor kW Input (3.87, 3.90, 4.01 kW), Sensible To Total Ratio (S/T) Dry Bulb (75°F, 80°F, 85°F).

COOLING CAPACITY - XC13-060 RFC System with [C33-62D + G60UHV-60D-135]

Table with columns: Entering Wet Bulb Temperature (63°F, 67°F, 71°F), Total Air Volume (1695, 1900, 1945 cfm), Total Cooling Capacity (60.5, 62.0, 63.5 kBtuh), Comp Motor kW Input (3.87, 3.89, 3.94 kW), Sensible To Total Ratio (S/T) Dry Bulb (75°F, 80°F, 85°F).

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

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					

COOLING CAPACITY - XC13-060 TXV System with [CX34-62D-6F + G61MPV-60D-135] [CX34-62D-6F + G71MPP-60D-135]

63°F (17°C)	1580	745	60.0	17.6	3.81	.74	.86	.98	57.0	16.7	4.30	.75	.89	1.00	53.5	15.7	4.87	.77	.91	1.00	50.0	14.7	5.53	.79	.94	1.00
	1780	840	61.5	18.0	3.83	.76	.90	1.00	58.5	17.1	4.32	.78	.92	1.00	55.0	16.1	4.89	.80	.95	1.00	51.5	15.1	5.54	.83	.98	1.00
	1985	935	63.0	18.5	3.85	.79	.93	1.00	59.5	17.4	4.34	.81	.96	1.00	56.0	16.4	4.91	.83	.99	1.00	52.5	15.4	5.57	.86	1.00	1.00
67°F (19°C)	1580	745	63.0	18.5	3.85	.60	.72	.83	60.0	17.6	4.34	.60	.73	.85	56.5	16.6	4.90	.61	.75	.88	52.5	15.4	5.56	.63	.77	.91
	1780	840	64.5	18.9	3.86	.61	.74	.87	61.5	18.0	4.36	.62	.76	.89	58.0	17.0	4.93	.63	.78	.92	54.0	15.8	5.58	.65	.80	.95
	1985	935	66.0	19.3	3.89	.62	.76	.90	63.0	18.5	4.38	.64	.78	.93	59.0	17.3	4.95	.65	.81	.96	55.0	16.1	5.60	.67	.84	.99
71°F (22°C)	1580	745	67.0	19.6	3.89	.46	.58	.69	63.0	18.5	4.38	.47	.59	.71	59.5	17.4	4.96	.47	.60	.73	55.5	16.3	5.61	.48	.62	.75
	1780	840	68.0	19.9	3.91	.47	.60	.72	64.5	18.9	4.41	.47	.61	.73	61.0	17.9	4.98	.48	.62	.75	57.0	16.7	5.63	.49	.64	.78
	1985	935	70.0	20.5	3.93	.48	.61	.74	66.0	19.3	4.43	.48	.63	.76	62.0	18.2	5.00	.49	.64	.78	58.0	17.0	5.64	.50	.66	.82

COOLING CAPACITY - XC13-060 RFC System with [C33-62D + G61MPV-60D-135] [C33-62D + G71MPP-60D-135]

63°F (17°C)	1580	745	60.0	17.6	3.85	.77	.87	.99	57.0	16.7	4.34	.76	.89	1.00	53.5	15.7	4.88	.78	.92	1.00	50.0	14.7	5.52	.80	.95	1.00
	1780	840	61.5	18.0	3.87	.77	.90	1.00	58.5	17.1	4.36	.78	.93	1.00	55.0	16.1	4.90	.81	.96	1.00	51.0	14.9	5.53	.83	.99	1.00
	1985	935	63.0	18.5	3.89	.79	.94	1.00	59.5	17.4	4.37	.81	.97	1.00	56.0	16.4	4.92	.84	.99	1.00	52.5	15.4	5.56	.87	1.00	1.00
67°F (19°C)	1580	745	63.5	18.6	3.90	.59	.72	.84	60.0	17.6	4.38	.60	.73	.86	56.5	16.6	4.93	.61	.75	.89	52.5	15.4	5.57	.63	.77	.92
	1780	840	65.0	19.0	3.92	.61	.74	.87	61.5	18.0	4.41	.62	.76	.90	58.0	17.0	4.95	.64	.78	.93	54.0	15.8	5.59	.65	.81	.96
	1985	935	66.0	19.3	3.94	.63	.77	.91	62.5	18.3	4.42	.64	.79	.93	59.0	17.3	4.97	.66	.82	.97	55.0	16.1	5.60	.68	.85	1.00
71°F (22°C)	1580	745	67.0	19.6	3.95	.46	.58	.69	63.5	18.6	4.43	.47	.59	.71	60.0	17.6	4.99	.47	.60	.73	56.0	16.4	5.62	.48	.62	.75
	1780	840	68.0	19.9	3.97	.47	.60	.72	65.0	19.0	4.46	.47	.61	.74	61.0	17.9	5.01	.48	.62	.76	57.0	16.7	5.64	.49	.64	.79
	1985	935	70.0	20.5	4.00	.48	.61	.75	66.0	19.3	4.48	.48	.63	.77	62.5	18.3	5.03	.49	.65	.80	58.5	17.1	5.66	.50	.66	.83

DOWN-FLOW INDOOR COILS

COOLING CAPACITY - XC13-060 TXV System with [CR33-50/60C-F]

63°F (17°C)	1500	710	58.0	17.0	3.75	.74	.86	.98	55.0	16.1	4.24	.76	.88	.99	51.5	15.1	4.80	.77	.91	1.00	48.0	14.1	5.46	.80	.94	1.00
	1700	800	59.5	17.4	3.77	.76	.90	1.00	56.0	16.4	4.26	.78	.92	1.00	53.0	15.5	4.82	.80	.95	1.00	49.5	14.5	5.48	.83	.98	1.00
	1900	895	60.5	17.7	3.78	.79	.93	1.00	57.5	16.9	4.27	.80	.95	1.00	54.0	15.8	4.83	.83	.98	1.00	50.5	14.8	5.49	.86	1.00	1.00
67°F (19°C)	1500	710	61.0	17.9	3.79	.60	.72	.83	58.0	17.0	4.28	.61	.73	.85	54.5	16.0	4.85	.62	.75	.88	51.0	14.9	5.50	.63	.77	.91
	1700	800	62.5	18.3	3.81	.62	.74	.87	59.5	17.4	4.30	.62	.76	.89	56.0	16.4	4.86	.63	.78	.92	52.0	15.2	5.52	.65	.80	.95
	1900	895	64.0	18.8	3.83	.63	.77	.90	60.5	17.7	4.31	.64	.78	.92	57.0	16.7	4.88	.65	.81	.95	53.0	15.5	5.53	.67	.83	.98
71°F (22°C)	1500	710	64.0	18.8	3.83	.46	.58	.69	61.0	17.9	4.32	.46	.59	.71	57.5	16.9	4.89	.47	.60	.73	53.5	15.7	5.53	.48	.62	.75
	1700	800	66.0	19.3	3.85	.47	.60	.72	62.5	18.3	4.35	.47	.61	.74	59.0	17.3	4.91	.48	.62	.76	55.0	16.1	5.55	.49	.64	.78
	1900	895	67.0	19.6	3.88	.47	.62	.74	63.5	18.6	4.36	.48	.63	.76	60.0	17.6	4.92	.49	.64	.78	56.0	16.4	5.58	.50	.66	.81

COOLING CAPACITY - XC13-060 TXV System with [CR33-60D-F]

63°F (17°C)	1500	710	58.0	17.0	3.75	.74	.86	.98	55.0	16.1	4.24	.76	.88	.99	51.5	15.1	4.80	.77	.91	1.00	48.0	14.1	5.46	.80	.94	1.00
	1700	800	59.5	17.4	3.77	.76	.90	1.00	56.0	16.4	4.26	.78	.92	1.00	53.0	15.5	4.82	.80	.95	1.00	49.5	14.5	5.48	.83	.98	1.00
	1900	895	60.5	17.7	3.78	.79	.93	1.00	57.5	16.9	4.27	.80	.95	1.00	54.0	15.8	4.83	.83	.98	1.00	50.5	14.8	5.49	.86	1.00	1.00
67°F (19°C)	1500	710	61.0	17.9	3.79	.60	.72	.83	58.0	17.0	4.28	.61	.73	.85	54.5	16.0	4.85	.62	.75	.88	51.0	14.9	5.50	.63	.77	.91
	1700	800	62.5	18.3	3.81	.62	.74	.87	59.5	17.4	4.30	.62	.76	.89	56.0	16.4	4.86	.63	.78	.92	52.0	15.2	5.52	.65	.80	.95
	1900	895	64.0	18.8	3.83	.63	.77	.90	60.5	17.7	4.31	.64	.78	.92	57.0	16.7	4.88	.65	.81	.95	53.0	15.5	5.53	.67	.83	.98
71°F (22°C)	1500	710	64.0	18.8	3.83	.46	.58	.69	61.0	17.9	4.32	.46	.59	.71	57.5	16.9	4.89	.47	.60	.73	53.5	15.7	5.53	.48	.62	.75
	1700	800	66.0	19.3	3.85	.47	.60	.72	62.5	18.3	4.35	.47	.61	.74	59.0	17.3	4.91	.48	.62	.76	55.0	16.1	5.55	.49	.64	.78
	1900	895	67.0	19.6	3.88	.47	.62	.74	63.5	18.6	4.36	.48	.63	.76	60.0	17.6	4.92	.49	.64	.78	56.0	16.4	5.58	.50	.66	.81

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

Table with columns for Entering Wet Bulb Temperature, Total Air Volume (cfm, L/s), Total Cooling Capacity (kBtuh, kW), Comp Motor kW Input, Outdoor Air Temperature Entering Outdoor Coil (85°F, 95°F, 105°F, 115°F), Sensible To Total Ratio (S/T) Dry Bulb (75°F, 80°F, 85°F), and Total Cooling Capacity (kBtuh, kW), Comp Motor kW Input.

COOLING CAPACITY - XC13-060 TXV System with [CR33-60D-F + G60DFV-60D-135]

Table with 3 rows for entering wet bulb temperatures (63°F, 67°F, 71°F) and 27 columns for various capacity and ratio metrics.

COOLING CAPACITY - XC13-060 RFC System with [CR33-60D-F + G60DFV-60D-135]

Table with 3 rows for entering wet bulb temperatures (63°F, 67°F, 71°F) and 27 columns for various capacity and ratio metrics.

COOLING CAPACITY - XC13-060 TXV System with [CR33-60D-F + G61MPV-60D-135] [CR33-60D-F + G71MPP-60D-135]

Table with 3 rows for entering wet bulb temperatures (63°F, 67°F, 71°F) and 27 columns for various capacity and ratio metrics.

COOLING CAPACITY - XC13-060 RFC System with [CR33-60D-F + G61MPV-60D-135] [CR33-60D-F + G71MPP-60D-135]

Table with 3 rows for entering wet bulb temperatures (63°F, 67°F, 71°F) and 27 columns for various capacity and ratio metrics.

HORIZONTAL INDOOR COILS

COOLING CAPACITY - XC13-060 TXV System with [CH23-65]

Table with 3 rows for entering wet bulb temperatures (63°F, 67°F, 71°F) and 27 columns for various capacity and ratio metrics.

COOLING CAPACITY - XC13-060 TXV System with [CH23-68]

Table with 3 rows for entering wet bulb temperatures (63°F, 67°F, 71°F) and 27 columns for various capacity and ratio metrics.

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.

HORIZONTAL INDOOR COILS WITH GAS FURNACES

Table with 23 columns: Entering Wet Bulb Temperature, Total Air Volume (cfm, L/s), 85°F (29°C) (Total Cooling Capacity, Comp Motor kW Input, Sensible To Total Ratio (S/T) Dry Bulb), 95°F (35°C) (Total Cooling Capacity, Comp Motor kW Input, Sensible To Total Ratio (S/T) Dry Bulb), 105°F (41°C) (Total Cooling Capacity, Comp Motor kW Input, Sensible To Total Ratio (S/T) Dry Bulb), 115°F (46°C) (Total Cooling Capacity, Comp Motor kW Input, Sensible To Total Ratio (S/T) Dry Bulb).

COOLING CAPACITY - XC13-060 TXV System with [CH33-50/60C-2F + G61MPV-60C-111]

Table with 23 columns: Entering Wet Bulb Temperature (63°F, 67°F, 71°F), Total Air Volume (1580, 1800, 1960), and various capacity and ratio values for 85°F, 95°F, 105°F, and 115°F.

COOLING CAPACITY - XC13-060 TXV System with [CH33-60D-2F + G60UHV-60D-135]

Table with 23 columns: Entering Wet Bulb Temperature (63°F, 67°F, 71°F), Total Air Volume (1695, 1900, 2140), and various capacity and ratio values for 85°F, 95°F, 105°F, and 115°F.

COOLING CAPACITY - XC13-060 RFC System with [CH33-60D-2F + G60UHV-60D-135]

Table with 23 columns: Entering Wet Bulb Temperature (63°F, 67°F, 71°F), Total Air Volume (1695, 1900, 1945), and various capacity and ratio values for 85°F, 95°F, 105°F, and 115°F.

COOLING CAPACITY - XC13-060 TXV System with [CH33-60D-2F + G61MPV-60D-135]

Table with 23 columns: Entering Wet Bulb Temperature (63°F, 67°F, 71°F), Total Air Volume (1580, 1780, 1985), and various capacity and ratio values for 85°F, 95°F, 105°F, and 115°F.

COOLING CAPACITY - XC13-060 RFC System with [CH33-60D-2F + G61MPV-60D-135]

Table with 23 columns: Entering Wet Bulb Temperature (63°F, 67°F, 71°F), Total Air Volume (1580, 1780, 1985), and various capacity and ratio values for 85°F, 95°F, 105°F, and 115°F.

COOLING CAPACITY - XC13-060 TXV System with [CH33-62D-2F + G60UHV-60C-090]

Table with 23 columns: Entering Wet Bulb Temperature (63°F, 67°F, 71°F), Total Air Volume (1635, 1795, 2015), and various capacity and ratio values for 85°F, 95°F, 105°F, and 115°F.

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

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)					
	cfm	L/s	Total Cooling Capacity	Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity	Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity	Comp Motor kW 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				

COOLING CAPACITY - XC13-060 TXV System with [CBX32M-060]

63°F (17°C)	1500	710	59.0	17.3	3.90	.74	.86	.98	56.0	16.4	4.41	.75	.88	.99	52.5	15.4	5.00	.77	.91	1.00	49.0	14.4	5.67	.80	.94	1.00
	1700	800	60.5	17.7	3.92	.76	.89	1.00	57.5	16.9	4.43	.78	.92	1.00	54.0	15.8	5.02	.80	.94	1.00	50.5	14.8	5.70	.82	.98	1.00
	1840	870	61.5	18.0	3.94	.79	.93	1.00	58.5	17.1	4.44	.80	.95	1.00	55.0	16.1	5.04	.83	.98	1.00	51.5	15.1	5.71	.86	1.00	1.00
67°F (19°C)	1500	710	62.0	18.2	3.94	.60	.72	.83	59.0	17.3	4.45	.61	.73	.85	55.5	16.3	5.04	.62	.75	.88	51.5	15.1	5.72	.63	.77	.91
	1700	800	63.5	18.6	3.96	.61	.74	.86	60.5	17.7	4.47	.62	.75	.89	57.0	16.7	5.06	.63	.77	.91	53.0	15.5	5.73	.65	.80	.95
	1840	870	64.5	18.9	3.98	.63	.76	.89	61.5	18.0	4.49	.64	.78	.92	58.0	17.0	5.08	.65	.80	.95	54.0	15.8	5.75	.67	.83	.98
71°F (22°C)	1500	710	65.0	19.0	3.98	.47	.58	.69	62.0	18.2	4.50	.47	.59	.71	58.5	17.1	5.09	.48	.60	.73	54.5	16.0	5.76	.48	.62	.75
	1700	800	67.0	19.6	4.01	.47	.59	.71	63.5	18.6	4.51	.47	.60	.73	60.0	17.6	5.11	.48	.62	.75	56.0	16.4	5.78	.49	.64	.78
	1840	870	68.0	19.9	4.03	.49	.61	.74	64.5	18.9	4.54	.49	.63	.76	61.0	17.9	5.13	.50	.64	.78	56.5	16.6	5.79	.51	.66	.81

COOLING CAPACITY - XC13-060 TXV System with [CBX32MV-060]

63°F (17°C)	1515	715	59.0	17.3	3.89	.74	.87	.98	56.0	16.4	4.40	.76	.89	1.00	52.5	15.4	4.98	.77	.91	1.00	49.0	14.4	5.66	.80	.94	1.00
	1725	815	60.5	17.7	3.92	.77	.90	1.00	57.5	16.9	4.42	.78	.93	1.00	54.5	16.0	5.00	.80	.95	1.00	50.5	14.8	5.68	.83	.98	1.00
67°F (19°C)	1515	715	62.0	18.2	3.93	.60	.72	.83	59.0	17.3	4.44	.61	.73	.85	55.5	16.3	5.02	.62	.75	.88	52.0	15.2	5.70	.63	.77	.91
	1725	815	64.0	18.8	3.95	.62	.74	.87	60.5	17.7	4.46	.63	.76	.89	57.0	16.7	5.05	.64	.78	.92	53.0	15.5	5.72	.66	.81	.96
71°F (22°C)	1515	715	65.0	19.0	3.97	.47	.58	.69	62.0	18.2	4.49	.47	.59	.71	58.5	17.1	5.07	.48	.60	.73	54.5	16.0	5.74	.48	.62	.75
	1725	815	67.0	19.6	4.00	.48	.60	.72	64.0	18.8	4.51	.48	.61	.74	60.0	17.6	5.10	.49	.63	.76	56.0	16.4	5.77	.49	.64	.79

COOLING CAPACITY - XC13-060 TXV System with [CBX32MV-068]

63°F (17°C)	1560	735	59.0	17.3	3.77	.73	.85	.97	56.0	16.4	4.26	.75	.87	.99	53.0	15.5	4.83	.76	.90	1.00	49.5	14.5	5.48	.78	.93	1.00
	1720	810	60.5	17.7	3.79	.75	.88	1.00	57.5	16.9	4.28	.77	.90	1.00	54.0	15.8	4.84	.79	.93	1.00	50.5	14.8	5.49	.81	.96	1.00
	2000	945	62.5	18.3	3.81	.78	.93	1.00	59.0	17.3	4.30	.80	.95	1.00	56.0	16.4	4.86	.82	.98	1.00	52.0	15.2	5.52	.85	1.00	1.00
67°F (19°C)	1560	735	62.5	18.3	3.81	.59	.71	.82	59.5	17.4	4.30	.60	.72	.84	56.0	16.4	4.86	.61	.74	.87	52.0	15.2	5.51	.62	.76	.90
	1720	810	63.5	18.6	3.83	.61	.73	.85	60.5	17.7	4.31	.61	.74	.87	57.0	16.7	4.88	.62	.76	.90	53.0	15.5	5.53	.64	.79	.93
	2000	945	65.0	19.0	3.85	.62	.76	.89	62.5	18.3	4.34	.63	.78	.92	58.5	17.1	4.91	.65	.80	.95	54.5	16.0	5.56	.66	.83	.99
71°F (22°C)	1560	735	66.0	19.3	3.85	.47	.58	.69	62.5	18.3	4.34	.47	.58	.70	59.0	17.3	4.91	.47	.59	.72	55.0	16.1	5.55	.48	.61	.74
	1720	810	67.0	19.6	3.87	.47	.59	.70	63.5	18.6	4.36	.47	.60	.72	60.0	17.6	4.93	.48	.61	.74	56.0	16.4	5.57	.48	.63	.76
	2000	945	69.0	20.2	3.90	.48	.61	.74	65.0	19.0	4.39	.49	.62	.75	61.5	18.0	4.95	.49	.63	.78	57.0	16.7	5.59	.50	.65	.81

REVISIONS

Description of Change

Added ratings for CBX40UHV Air Handlers.



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