LENNOX®

ENGINEERING DATA

13ACD

Merit® Series
Expanded Rating Tables

Bulletin No. 210423R
April 2009
Supersedes April 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

COOLING CAPACITY - 13ACD-018 with TXV [C33-19A]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	525	250	17.8	5.2	1.05	.75	.88	1.00	17.0	5.0	1.15	.76	.90	1.00	16.2	4.7	1.28	.78	.92	1.00	15.3	4.5	1.42	.80	.95	1.00
	600	285	18.4	5.4	1.05	.78	.92	1.00	17.6	5.2	1.16	.79	.94	1.00	16.7	4.9	1.28	.81	.97	1.00	15.8	4.6	1.42	.83	.99	1.00
	675	320	18.9	5.5	1.06	.80	.95	1.00	18.1	5.3	1.16	.82	.98	1.00	17.2	5.0	1.28	.84	1.00	1.00	16.3	4.8	1.43	.87	1.00	1.00
67°F (19°C)	525	250	19.1	5.6	1.06	.60	.72	.84	18.3	5.4	1.16	.61	.74	.86	17.4	5.1	1.28	.62	.75	.88	16.5	4.8	1.43	.63	.77	.91
	600	285	19.7	5.8	1.06	.62	.75	.88	18.8	5.5	1.17	.63	.76	.90	17.9	5.2	1.29	.64	.78	.92	17.0	5.0	1.43	.65	.81	.95
	675	320	20.2	5.9	1.06	.63	.78	.91	19.3	5.7	1.17	.64	.79	.94	18.4	5.4	1.29	.66	.81	.96	17.3	5.1	1.43	.67	.84	.99
71°F (22°C)	525	250	20.4	6.0	1.06	.47	.58	.69	19.5	5.7	1.17	.47	.59	.71	18.6	5.5	1.29	.47	.60	.72	17.6	5.2	1.44	.48	.61	.74
	600	285	21.0	6.2	1.07	.47	.60	.72	20.2	5.9	1.17	.48	.61	.74	19.2	5.6	1.30	.48	.62	.75	18.2	5.3	1.44	.49	.63	.78
	675	320	21.6	6.3	1.07	.48	.62	.75	20.6	6.0	1.18	.49	.63	.77	19.7	5.8	1.30	.49	.64	.79	18.6	5.5	1.45	.50	.65	.81

COOLING CAPACITY - 13ACD-018 with RFC [C33-19A]

63°F (17°C)	505	240	17.2	5.0	1.04	.75	.88	1.00	16.4	4.8	1.15	.76	.90	1.00	15.7	4.6	1.27	.78	.92	1.00	14.8	4.3	1.41	.80	.95	1.00
	595	280	18.0	5.3	1.05	.78	.92	1.00	17.2	5.0	1.15	.80	.95	1.00	16.3	4.8	1.27	.82	.97	1.00	15.4	4.5	1.42	.84	1.00	1.00
	685	325	18.6	5.5	1.05	.81	.97	1.00	17.8	5.2	1.16	.83	.99	1.00	16.9	5.0	1.28	.85	1.00	1.00	16.1	4.7	1.42	.88	1.00	1.00
67°F (19°C)	505	240	18.5	5.4	1.05	.60	.72	.84	17.7	5.2	1.16	.61	.73	.86	16.8	4.9	1.28	.62	.75	.88	15.9	4.7	1.42	.63	.77	.91
	595	280	19.3	5.7	1.05	.62	.75	.88	18.4	5.4	1.16	.63	.77	.91	17.5	5.1	1.28	.64	.79	.93	16.5	4.8	1.43	.65	.81	.96
	685	325	19.8	5.8	1.06	.64	.79	.93	19.0	5.6	1.16	.65	.80	.95	18.0	5.3	1.29	.66	.82	.98	17.0	5.0	1.43	.68	.85	1.00
71°F (22°C)	505	240	19.7	5.8	1.06	.46	.58	.69	18.9	5.5	1.16	.47	.59	.71	18.0	5.3	1.29	.47	.60	.72	17.0	5.0	1.43	.48	.61	.74
	595	280	20.6	6.0	1.06	.47	.60	.73	19.7	5.8	1.17	.48	.61	.74	18.7	5.5	1.29	.48	.62	.76	17.7	5.2	1.44	.49	.64	.78
	685	325	21.2	6.2	1.07	.48	.62	.76	20.2	5.9	1.17	.49	.63	.78	19.3	5.7	1.30	.49	.65	.80	18.2	5.3	1.44	.50	.66	.82

COOLING CAPACITY - 13ACD-018 with TXV or RFC System [C33-24A/B/C]

63°F (17°C)	525	250	17.7	5.2	1.04	.76	.89	1.00	17.0	5.0	1.14	.77	.91	1.00	16.1	4.7	1.26	.79	.93	1.00	15.3	4.5	1.40	.81	.96	1.00
	600	285	18.3	5.4	1.04	.78	.93	1.00	17.5	5.1	1.15	.80	.95	1.00	16.7	4.9	1.27	.82	.97	1.00	15.8	4.6	1.41	.84	1.00	1.00
	675	320	18.8	5.5	1.04	.81	.96	1.00	18.1	5.3	1.15	.83	.98	1.00	17.2	5.0	1.27	.85	1.00	1.00	16.4	4.8	1.41	.87	1.00	1.00
67°F (19°C)	525	250	18.7	5.5	1.04	.61	.73	.85	18.0	5.3	1.15	.62	.74	.87	17.2	5.0	1.27	.62	.76	.89	16.3	4.8	1.41	.64	.78	.92
	600	285	19.4	5.7	1.05	.62	.76	.89	18.6	5.5	1.15	.63	.77	.91	17.8	5.2	1.28	.64	.79	.93	16.8	4.9	1.42	.66	.81	.96
	675	320	20.0	5.9	1.05	.64	.78	.92	19.1	5.6	1.16	.65	.80	.95	18.3	5.4	1.28	.66	.82	.97	17.3	5.1	1.42	.68	.84	1.00
71°F (22°C)	525	250	19.7	5.8	1.05	.47	.59	.71	18.9	5.5	1.15	.48	.60	.72	18.1	5.3	1.28	.48	.61	.73	17.2	5.0	1.42	.48	.62	.75
	600	285	20.4	6.0	1.05	.48	.61	.73	19.6	5.7	1.16	.48	.62	.75	18.7	5.5	1.28	.49	.63	.76	17.8	5.2	1.42	.49	.64	.78
	675	320	21.0	6.2	1.06	.49	.62	.76	20.2	5.9	1.16	.49	.64	.77	19.3	5.7	1.29	.50	.65	.79	18.3	5.4	1.43	.50	.66	.82

COOLING CAPACITY - 13ACD-018 with TXV [C33-25A/B]

63°F (17°C)	525	250	18.1	5.3	1.05	.76	.89	1.00	17.3	5.1	1.16	.77	.91	1.00	16.5	4.8	1.28	.79	.93	1.00	15.5	4.5	1.42	.81	.96	1.00
	600	285	18.8	5.5	1.05	.79	.93	1.00	17.9	5.2	1.16	.80	.95	1.00	17.0	5.0	1.28	.82	.98	1.00	16.1	4.7	1.42	.85	1.00	1.00
	675	320	19.3	5.7	1.06	.81	.97	1.00	18.4	5.4	1.16	.83	.99	1.00	17.6	5.2	1.29	.86	1.00	1.00	16.7	4.9	1.43	.88	1.00	1.00
67°F (19°C)	525	250	19.3	5.7	1.06	.60	.73	.85	18.5	5.4	1.16	.61	.74	.87	17.6	5.2	1.29	.62	.76	.89	16.7	4.9	1.43	.64	.78	.92
	600	285	20.0	5.9	1.06	.62	.76	.89	19.1	5.6	1.17	.63	.77	.91	18.2	5.3	1.29	.64	.79	.94	17.2	5.0	1.43	.66	.82	.97
	675	320	20.6	6.0	1.06	.64	.79	.93	19.6	5.7	1.17	.65	.81	.95	18.6	5.5	1.29	.66	.83	.98	17.6	5.2	1.44	.68	.85	1.00
71°F (22°C)	525	250	20.6	6.0	1.06	.47	.59	.70	19.7	5.8	1.17	.47	.60	.72	18.8	5.5	1.30	.47	.61	.73	17.8	5.2	1.44	.48	.62	.75
	600	285	21.2	6.2	1.07	.48	.60	.73	20.4	6.0	1.18	.48	.61	.75	19.4	5.7	1.30	.48	.63	.76	18.4	5.4	1.45	.49	.64	.79
	675	320	21.8	6.4	1.07	.49	.62	.76	21.0	6.2	1.18	.49	.64	.78	19.9	5.8	1.30	.49	.65	.80	18.8	5.5	1.45	.50	.66	.82

COOLING CAPACITY - 13ACD-018 with RFC [C33-25A/B]

63°F (17°C)	510	240	17.7	5.2	1.05	.75	.89	1.00	16.9	5.0	1.15	.77	.91	1.00	16.1	4.7	1.27	.79	.93	1.00	15.2	4.5	1.41	.81	.96	1.00
	600	285	18.5	5.4	1.05	.79	.93	1.00	17.6	5.2	1.16	.80	.96	1.00	16.8	4.9	1.28	.82	.98	1.00	15.8	4.6	1.42	.85	1.00	1.00
	690	325	19.1	5.6	1.05	.82	.98	1.00	18.2	5.3	1.16	.84	1.00	1.00	17.4	5.1	1.28	.86	1.00	1.00	16.6	4.9	1.42	.89	1.00	1.00
67°F (19°C)	510	240	18.9	5.5	1.05	.60	.73	.85	18.1	5.3	1.16	.61	.74	.87	17.3	5.1	1.28	.62	.76	.89	16.3	4.8	1.42	.63	.78	.92
	600	285	19.7	5.8	1.06	.62	.76	.89	18.8	5.5	1.16	.63	.78	.92	17.9	5.2	1.29	.64	.80	.94	16.9	5.0	1.43	.66	.82	.97
	690	325	20.4	6.0	1.06	.64	.79	.94	19.4	5.7	1.17	.66	.81	.96	18.4	5.4	1.29	.67	.84	.99	17.4	5.1	1.43	.69	.86	1.00
71°F (22°C)	510	240	20.2	5.9	1.06	.47	.58	.70	19.3	5.7	1.17	.47	.59	.71	18.4	5.4	1.29	.47	.60	.73	17.4	5.1	1.43	.48	.61	.75
	600	285	21.0	6.2	1.06	.48	.61	.73	20.0	5.9	1.17	.48	.62	.75	19.1	5.6	1.30	.48	.63	.77	18.1	5.3	1.44	.49	.64	.79
	690	325	21.6	6.3	1.07	.48	.63	.77	20.6	6.0	1.18	.49	.64	.79	19.7	5.8	1.30	.50	.65	.81	18.6	5.5	1.44	.50	.67	.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.

UP-FLOW INDOOR COILS

COOLING CAPACITY - 13ACD-018 with TXV [C33-30A/B/C]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	525	250	17.6	5.2	1.05	.76	.88	.99	16.9	5.0	1.15	.77	.90	1.00	16.1	4.7	1.28	.79	.93	1.00	15.2	4.5	1.42	.81	.96	1.00
	600	285	18.2	5.3	1.05	.78	.92	1.00	17.5	5.1	1.16	.80	.94	1.00	16.7	4.9	1.28	.82	.97	1.00	15.8	4.6	1.42	.84	.99	1.00
	675	320	18.7	5.5	1.05	.81	.95	1.00	18.0	5.3	1.16	.82	.98	1.00	17.3	5.1	1.28	.85	1.00	1.00	16.5	4.8	1.43	.87	1.00	1.00
67°F (19°C)	525	250	18.7	5.5	1.05	.61	.73	.85	18.0	5.3	1.16	.62	.74	.87	17.2	5.0	1.28	.63	.76	.89	16.3	4.8	1.43	.64	.78	.92
	600	285	19.4	5.7	1.06	.62	.75	.88	18.6	5.5	1.17	.63	.77	.90	17.8	5.2	1.29	.64	.79	.93	16.9	5.0	1.43	.66	.81	.96
	675	320	19.9	5.8	1.06	.64	.78	.91	19.2	5.6	1.17	.65	.80	.94	18.3	5.4	1.29	.66	.82	.97	17.3	5.1	1.44	.68	.85	.99
71°F (22°C)	525	250	19.7	5.8	1.06	.47	.59	.71	18.9	5.5	1.17	.47	.60	.72	18.2	5.3	1.29	.48	.61	.73	17.3	5.1	1.44	.48	.62	.75
	600	285	20.4	6.0	1.06	.48	.61	.73	19.6	5.7	1.17	.48	.62	.74	18.8	5.5	1.30	.49	.63	.76	17.9	5.2	1.44	.49	.64	.78
	675	320	21.0	6.2	1.07	.49	.62	.75	20.2	5.9	1.18	.49	.64	.77	19.4	5.7	1.30	.50	.65	.79	18.4	5.4	1.44	.50	.66	.82

COOLING CAPACITY - 13ACD-018 with TXV [C33-31A/B]

63°F (17°C)	525	250	18.4	5.4	1.05	.76	.89	1.00	17.6	5.2	1.16	.77	.91	1.00	16.7	4.9	1.28	.79	.93	1.00	15.8	4.6	1.42	.81	.96	1.00
	600	285	19.1	5.6	1.06	.79	.93	1.00	18.2	5.3	1.16	.80	.95	1.00	17.3	5.1	1.28	.82	.98	1.00	16.4	4.8	1.43	.84	1.00	1.00
	675	320	19.6	5.7	1.06	.81	.97	1.00	18.7	5.5	1.17	.83	.99	1.00	17.9	5.2	1.29	.85	1.00	1.00	17.0	5.0	1.43	.88	1.00	1.00
67°F (19°C)	525	250	19.7	5.8	1.06	.60	.73	.85	18.9	5.5	1.17	.61	.74	.87	18.0	5.3	1.29	.62	.76	.89	17.0	5.0	1.43	.63	.78	.92
	600	285	20.4	6.0	1.06	.62	.76	.89	19.5	5.7	1.17	.63	.77	.91	18.6	5.5	1.29	.64	.79	.94	17.5	5.1	1.44	.65	.81	.97
	675	320	21.0	6.2	1.07	.64	.78	.93	20.0	5.9	1.17	.65	.80	.95	19.1	5.6	1.30	.66	.82	.98	18.0	5.3	1.44	.67	.85	1.00
71°F (22°C)	525	250	21.0	6.2	1.07	.46	.58	.70	20.0	5.9	1.17	.47	.59	.71	19.2	5.6	1.30	.47	.60	.73	18.2	5.3	1.44	.48	.61	.75
	600	285	21.6	6.3	1.07	.47	.61	.73	20.8	6.1	1.18	.48	.61	.75	19.8	5.8	1.30	.48	.62	.76	18.7	5.5	1.45	.49	.63	.78
	675	320	22.2	6.5	1.07	.48	.62	.76	21.4	6.3	1.18	.49	.63	.77	20.4	6.0	1.31	.49	.64	.79	19.2	5.6	1.45	.50	.66	.82

COOLING CAPACITY - 13ACD-018 with RFC [C33-31A/B]

63°F (17°C)	510	240	18.0	5.3	1.05	.75	.88	1.00	17.2	5.0	1.15	.76	.90	1.00	16.4	4.8	1.27	.78	.93	1.00	15.4	4.5	1.42	.80	.96	1.00
	600	285	18.8	5.5	1.05	.78	.93	1.00	18.0	5.3	1.16	.80	.95	1.00	17.1	5.0	1.28	.82	.98	1.00	16.1	4.7	1.42	.85	1.00	1.00
	690	325	19.5	5.7	1.06	.82	.98	1.00	18.6	5.5	1.16	.84	1.00	1.00	17.8	5.2	1.28	.86	1.00	1.00	16.9	5.0	1.43	.89	1.00	1.00
67°F (19°C)	510	240	19.3	5.7	1.05	.59	.72	.84	18.5	5.4	1.16	.60	.73	.86	17.6	5.2	1.28	.61	.75	.88	16.6	4.9	1.43	.63	.77	.91
	600	285	20.2	5.9	1.06	.62	.76	.89	19.3	5.7	1.17	.63	.77	.91	18.3	5.4	1.29	.64	.79	.94	17.3	5.1	1.43	.65	.81	.97
	690	325	20.8	6.1	1.06	.64	.79	.94	19.9	5.8	1.17	.65	.81	.96	18.9	5.5	1.29	.66	.83	.99	17.8	5.2	1.44	.68	.86	1.00
71°F (22°C)	510	240	20.6	6.0	1.06	.46	.58	.69	19.7	5.8	1.17	.46	.58	.70	18.8	5.5	1.29	.47	.59	.72	17.8	5.2	1.44	.47	.61	.74
	600	285	21.6	6.3	1.07	.47	.60	.73	20.6	6.0	1.18	.47	.61	.74	19.6	5.7	1.30	.48	.62	.76	18.5	5.4	1.44	.48	.64	.78
	690	325	22.2	6.5	1.07	.48	.62	.76	21.2	6.2	1.18	.48	.63	.78	20.2	5.9	1.30	.49	.65	.80	19.0	5.6	1.45	.50	.66	.83

COOLING CAPACITY - 13ACD-018 with TXV [C33-36A/B/C]

63°F (17°C)	525	250	18.1	5.3	1.05	.77	.90	1.00	17.3	5.1	1.16	.78	.92	1.00	16.5	4.8	1.28	.80	.94	1.00	15.6	4.6	1.42	.82	.97	1.00
	600	285	18.7	5.5	1.05	.79	.94	1.00	17.9	5.2	1.16	.81	.96	1.00	17.1	5.0	1.28	.83	.98	1.00	16.2	4.7	1.43	.85	1.00	1.00
	675	320	19.3	5.7	1.06	.82	.97	1.00	18.5	5.4	1.16	.84	.99	1.00	17.7	5.2	1.29	.86	1.00	1.00	16.9	5.0	1.43	.89	1.00	1.00
67°F (19°C)	525	250	19.1	5.6	1.06	.61	.74	.86	18.3	5.4	1.16	.62	.75	.88	17.5	5.1	1.29	.63	.77	.90	16.5	4.8	1.43	.64	.79	.93
	600	285	19.9	5.8	1.06	.63	.77	.90	19.0	5.6	1.17	.64	.78	.92	18.1	5.3	1.29	.65	.80	.95	17.1	5.0	1.43	.67	.82	.97
	675	320	20.4	6.0	1.06	.65	.79	.94	19.6	5.7	1.17	.66	.81	.96	18.6	5.5	1.29	.67	.83	.99	17.6	5.2	1.44	.69	.86	1.00
71°F (22°C)	525	250	20.0	5.9	1.06	.47	.60	.71	19.3	5.7	1.17	.48	.60	.73	18.4	5.4	1.29	.48	.62	.74	17.4	5.1	1.44	.49	.63	.76
	600	285	20.8	6.1	1.07	.48	.61	.74	20.0	5.9	1.17	.48	.62	.76	19.1	5.6	1.30	.49	.64	.77	18.1	5.3	1.44	.50	.65	.80
	675	320	21.6	6.3	1.07	.49	.63	.77	20.6	6.0	1.18	.49	.64	.79	19.7	5.8	1.30	.50	.66	.81	18.6	5.5	1.45	.51	.67	.83

DOWN-FLOW INDOOR COILS

COOLING CAPACITY - 13ACD-018 with TXV [CR33-24A/B-F]

63°F (17°C)	525	250	18.0	5.3	1.05	.76	.89	1.00	17.3	5.1	1.16	.77	.91	1.00	16.4	4.8	1.28	.79	.94	1.00	15.5	4.5	1.42	.81	.96	1.00
	600	285	18.7	5.5	1.05	.79	.93	1.00	17.9	5.2	1.16	.80	.95	1.00	17.0	5.0	1.28	.82	.97	1.00	16.1	4.7	1.42	.85	1.00	1.00
	675	320	19.2	5.6	1.06	.81	.96	1.00	18.4	5.4	1.16	.83	.98	1.00	17.5	5.1	1.29	.86	1.00	1.00	16.6	4.9	1.43	.88	1.00	1.00
67°F (19°C)	525	250	19.2	5.6	1.06	.60	.73	.85	18.5	5.4	1.16	.61	.74	.87	17.6	5.2	1.29	.62	.76	.89	16.6	4.9	1.43	.63	.78	.92
	600	285	19.9	5.8	1.06	.62	.76	.89	19.1	5.6	1.17	.63	.77	.91	18.2	5.3	1.29	.64	.79	.94	17.2	5.0	1.43	.65	.82	.96
	675	320	20.4	6.0	1.06	.64	.79	.93	19.5	5.7	1.17	.65	.81	.95	18.6	5.5	1.29	.66	.82	.97	17.6	5.2	1.44	.68	.85	.99
71°F (22°C)	525	250	20.4	6.0	1.06	.47	.59	.70	19.6	5.7	1.17	.47	.59	.71	18.7	5.5	1.30	.47	.60	.73	17.8	5.2	1.44	.47	.61	.75
	600	285	21.2	6.2	1.07	.48	.61	.73	20.2	5.9	1.18	.48	.61	.75	19.3	5.7	1.30	.48	.63	.76	18.3	5.4	1.45	.49	.64	.79
	675	320	21.6	6.3	1.07	.48	.62	.76	20.8	6.1	1.18	.49	.64	.78	19.8	5.8	1.30	.49	.65	.80	18.8	5.5	1.45	.50	.66	.82

COOLING CAPACITY - 13ACD-018 with TXV [CR33-30/36A/B-F]

63°F (17°C)	525	250	18.3	5.4	1.05	.76	.89	1.00	17.5	5.1	1.16	.77	.92	1.00	16.6	4.9	1.28	.79	.94	1.00	15.7	4.6	1.42	.81	.97	1.00
	600	285	19.0	5.6	1.06	.79	.94	1.00	18.1	5.3	1.16	.81	.96	1.00	17.2	5.0	1.28	.83	.98	1.00	16.3	4.8	1.43	.85	1.00	1.00
	675	320	19.5	5.7	1.06	.82	.97	1.00	18.7	5.5	1.17	.84	.99	1.00	17.8	5.2	1.29	.86	1.00	1.00	17.0	5.0	1.43	.89	1.00	1.00
67°F (19°C)	525	250	19.6	5.7	1.06	.60	.73	.86	18.7	5.5	1.17	.61	.75	.88	17.8	5.2	1.29	.62	.76	.90	16.9	5.0	1.43	.63	.78	.93
	600	285	20.2	5.9	1.06	.62	.76	.90	19.4	5.7	1.17	.63	.78	.92	18.4	5.4	1.29	.64	.80	.94	17.4	5.1	1.44	.66	.82	.97
	675	320	20.8	6.1	1.07	.64	.79	.93	19.9	5.8	1.17	.65	.81	.96	18.9	5.5	1.30	.66	.83	.98	17.8	5.2	1.44	.68	.86	1.00
71°F (22°C)	525	250	20.8	6.1	1.07	.46	.58	.70	19.9	5.8	1.17	.46	.59	.72	19.0	5.6	1.30	.47	.60	.73	18.0	5.3	1.44	.48	.62	.75
	600	285	21.6	6.3	1.07	.47	.61	.73	20.6	6.0	1.18	.48	.61	.75	19.6	5.7	1.30	.48	.63	.77	18.6	5.5	1.45	.49	.64	.79
	675	320	22.2	6.5	1.07	.48	.62	.76	21.2	6.2	1.18	.48	.64	.78	20.0	5.9	1.31	.49	.65	.80	19.0	5.6	1.45	.50	.67	.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.

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		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - 13ACD-018 with RFC																										**[CR33-30/36A/B-F]**
63°F (17°C)	500	235	17.8	5.2	1.05	.75	.88	1.00	17.1	5.0	1.15	.76	.90	1.00	16.2	4.7	1.27	.78	.93	1.00	15.3	4.5	1.41	.80	.96	1.00
	600	285	18.7	5.5	1.05	.79	.94	1.00	17.9	5.2	1.16	.81	.96	1.00	17.0	5.0	1.28	.83	.98	1.00	16.1	4.7	1.42	.85	1.00	1.00
	710	335	19.5	5.7	1.06	.83	.99	1.00	18.6	5.5	1.16	.85	1.00	1.00	17.8	5.2	1.29	.88	1.00	1.00	17.0	5.0	1.43	.91	1.00	1.00
67°F (19°C)	500	235	19.1	5.6	1.05	.60	.72	.84	18.3	5.4	1.16	.60	.74	.86	17.4	5.1	1.28	.62	.75	.89	16.4	4.8	1.42	.63	.77	.91
	600	285	20.0	5.9	1.06	.62	.76	.90	19.1	5.6	1.17	.63	.78	.92	18.1	5.3	1.29	.64	.80	.95	17.1	5.0	1.43	.66	.82	.98
	710	335	20.8	6.1	1.06	.65	.81	.96	19.8	5.8	1.17	.66	.83	.98	18.8	5.5	1.29	.68	.85	1.00	17.7	5.2	1.44	.69	.88	1.00
71°F (22°C)	500	235	20.2	5.9	1.06	.46	.58	.69	19.4	5.7	1.17	.46	.59	.71	18.5	5.4	1.29	.47	.60	.72	17.5	5.1	1.43	.47	.61	.74
	600	285	21.2	6.2	1.07	.47	.60	.73	20.4	6.0	1.17	.47	.61	.75	19.3	5.7	1.30	.48	.63	.77	18.3	5.4	1.44	.49	.64	.79
	710	335	22.0	6.4	1.07	.48	.63	.78	21.0	6.2	1.18	.49	.65	.80	20.0	5.9	1.30	.49	.66	.82	18.9	5.5	1.45	.50	.68	.85

HORIZONTAL INDOOR COILS

COOLING CAPACITY - 13ACD-018 with TXV																										**[CH33-19A-2F]**
63°F (17°C)	525	250	17.9	5.2	1.05	.76	.89	1.00	17.2	5.0	1.15	.77	.91	1.00	16.4	4.8	1.28	.79	.94	1.00	15.5	4.5	1.42	.81	.97	1.00
	600	285	18.6	5.5	1.05	.79	.93	1.00	17.8	5.2	1.16	.80	.95	1.00	16.9	5.0	1.28	.82	.98	1.00	16.0	4.7	1.42	.85	1.00	1.00
	675	320	19.1	5.6	1.06	.81	.97	1.00	18.3	5.4	1.16	.83	.99	1.00	17.5	5.1	1.29	.85	1.00	1.00	16.7	4.9	1.43	.88	1.00	1.00
67°F (19°C)	525	250	19.0	5.6	1.06	.61	.73	.85	18.2	5.3	1.16	.61	.75	.87	17.4	5.1	1.29	.62	.76	.90	16.5	4.8	1.43	.64	.78	.92
	600	285	19.7	5.8	1.06	.62	.76	.89	18.9	5.5	1.17	.63	.77	.91	18.0	5.3	1.29	.64	.79	.94	17.1	5.0	1.43	.66	.82	.97
	675	320	20.2	5.9	1.06	.64	.79	.93	19.4	5.7	1.17	.65	.80	.95	18.5	5.4	1.29	.66	.83	.98	17.5	5.1	1.44	.68	.85	1.00
71°F (22°C)	525	250	19.9	5.8	1.06	.47	.59	.71	19.1	5.6	1.17	.47	.60	.72	18.3	5.4	1.29	.47	.61	.73	17.4	5.1	1.44	.48	.62	.75
	600	285	20.6	6.0	1.06	.48	.61	.73	19.8	5.8	1.17	.48	.62	.75	18.9	5.5	1.30	.48	.63	.77	18.0	5.3	1.44	.49	.64	.79
	675	320	21.2	6.2	1.07	.48	.63	.76	20.4	6.0	1.18	.49	.64	.78	19.5	5.7	1.30	.49	.65	.80	18.5	5.4	1.45	.50	.66	.82
COOLING CAPACITY - 13ACD-018 with TXV																										**[CH33-24/30A-2F]**
63°F (17°C)	525	250	17.9	5.2	1.05	.76	.89	1.00	17.1	5.0	1.16	.77	.91	1.00	16.3	4.8	1.28	.79	.93	1.00	15.4	4.5	1.42	.81	.96	1.00
	600	285	18.5	5.4	1.05	.78	.93	1.00	17.7	5.2	1.16	.80	.95	1.00	16.9	5.0	1.28	.82	.98	1.00	16.0	4.7	1.42	.84	1.00	1.00
	675	320	19.0	5.6	1.06	.81	.96	1.00	18.2	5.3	1.16	.83	.98	1.00	17.4	5.1	1.28	.85	1.00	1.00	16.6	4.9	1.43	.88	1.00	1.00
67°F (19°C)	525	250	18.9	5.5	1.05	.61	.73	.85	18.2	5.3	1.16	.61	.74	.87	17.3	5.1	1.29	.62	.76	.89	16.4	4.8	1.43	.64	.78	.92
	600	285	19.6	5.7	1.06	.62	.76	.89	18.8	5.5	1.17	.63	.77	.91	17.9	5.2	1.29	.64	.79	.93	17.0	5.0	1.43	.66	.81	.97
	675	320	20.2	5.9	1.06	.64	.78	.92	19.3	5.7	1.17	.65	.80	.95	18.4	5.4	1.29	.66	.82	.97	17.4	5.1	1.44	.68	.85	1.00
71°F (22°C)	525	250	19.8	5.8	1.06	.47	.59	.70	19.0	5.6	1.17	.47	.60	.72	18.2	5.3	1.29	.47	.61	.73	17.3	5.1	1.44	.48	.62	.75
	600	285	20.6	6.0	1.06	.47	.61	.73	19.7	5.8	1.17	.48	.62	.75	18.9	5.5	1.30	.48	.63	.76	17.9	5.2	1.44	.49	.64	.78
	675	320	21.2	6.2	1.07	.48	.62	.76	20.4	6.0	1.18	.49	.63	.77	19.4	5.7	1.30	.49	.65	.79	18.4	5.4	1.45	.50	.66	.82
COOLING CAPACITY - 13ACD-018 with TXV																										**[CH33-25A-2F]**
63°F (17°C)	525	250	18.2	5.3	1.05	.76	.89	1.00	17.4	5.1	1.16	.77	.91	1.00	16.6	4.9	1.28	.79	.94	1.00	15.6	4.6	1.42	.81	.97	1.00
	600	285	18.9	5.5	1.06	.79	.93	1.00	18.0	5.3	1.16	.80	.95	1.00	17.1	5.0	1.28	.82	.98	1.00	16.2	4.7	1.43	.85	1.00	1.00
	675	320	19.4	5.7	1.06	.81	.97	1.00	18.5	5.4	1.16	.83	.99	1.00	17.7	5.2	1.29	.86	1.00	1.00	16.8	4.9	1.43	.88	1.00	1.00
67°F (19°C)	525	250	19.5	5.7	1.06	.60	.73	.85	18.7	5.5	1.17	.61	.74	.87	17.8	5.2	1.29	.62	.76	.89	16.8	4.9	1.43	.63	.78	.92
	600	285	20.2	5.9	1.06	.62	.76	.89	19.3	5.7	1.17	.63	.77	.91	18.4	5.4	1.29	.64	.79	.94	17.3	5.1	1.43	.65	.81	.97
	675	320	20.8	6.1	1.07	.64	.79	.93	19.8	5.8	1.17	.65	.80	.95	18.8	5.5	1.30	.66	.82	.98	17.8	5.2	1.44	.68	.85	1.00
71°F (22°C)	525	250	20.8	6.1	1.07	.46	.58	.70	19.9	5.8	1.17	.47	.59	.72	18.9	5.5	1.30	.47	.60	.73	18.0	5.3	1.44	.47	.61	.75
	600	285	21.4	6.3	1.07	.47	.60	.73	20.6	6.0	1.18	.48	.61	.75	19.6	5.7	1.30	.48	.63	.76	18.5	5.4	1.45	.49	.64	.78
	675	320	22.0	6.4	1.07	.49	.63	.76	21.0	6.2	1.18	.49	.63	.78	20.0	5.9	1.31	.49	.65	.80	19.0	5.6	1.45	.49	.66	.82
COOLING CAPACITY - 13ACD-018 with TXV																										**[CH33-31A-2F]**
63°F (17°C)	525	250	18.5	5.4	1.05	.76	.90	1.00	17.7	5.2	1.16	.78	.92	1.00	16.8	4.9	1.28	.79	.94	1.00	15.8	4.6	1.42	.81	.97	1.00
	600	285	19.1	5.6	1.06	.79	.94	1.00	18.3	5.4	1.16	.81	.96	1.00	17.4	5.1	1.28	.83	.99	1.00	16.5	4.8	1.43	.85	1.00	1.00
	675	320	19.7	5.8	1.06	.82	.98	1.00	18.8	5.5	1.17	.84	1.00	1.00	18.0	5.3	1.29	.87	1.00	1.00	17.1	5.0	1.43	.89	1.00	1.00
67°F (19°C)	525	250	19.8	5.8	1.06	.60	.73	.86	18.9	5.5	1.17	.61	.74	.88	18.0	5.3	1.29	.62	.76	.90	17.0	5.0	1.43	.63	.78	.93
	600	285	20.6	6.0	1.06	.63	.76	.90	19.6	5.7	1.17	.63	.78	.92	18.6	5.5	1.29	.64	.80	.95	17.6	5.2	1.44	.66	.82	.98
	675	320	21.0	6.2	1.07	.64	.79	.94	20.0	5.9	1.17	.65	.81	.97	19.1	5.6	1.30	.67	.84	.99	18.0	5.3	1.44	.68	.86	1.00
71°F (22°C)	525	250	21.0	6.2	1.07	.47	.59	.71	20.0	5.9	1.17	.47	.59	.72	19.2	5.6	1.30	.47	.61	.74	18.2	5.3	1.44	.48	.62	.75
	600	285	21.8	6.4	1.07	.47	.61	.74	20.8	6.1	1.18	.48	.62	.75	19.8	5.8	1.30	.48	.63	.77	18.7	5.5	1.45	.49	.64	.79
	675	320	22.4	6.6	1.08	.48	.63	.77	21.4	6.3	1.18	.49	.64	.79	20.4	6.0	1.31	.49	.65	.81	19.2	5.6	1.45	.50	.67	.83
COOLING CAPACITY - 13ACD-018 with TXV																										**[CH33-36A-2F]**
63°F (17°C)	525	250	18.1	5.3	1.05	.75	.88	1.00	17.3	5.1	1.16	.76	.90	1.00	16.4	4.8	1.28	.78	.93	1.00	15.5	4.5	1.42	.80	.96	1.00
	600	285	18.7	5.5	1.05	.78	.92	1.00	17.9	5.2	1.16	.79	.94	1.00	16.9	5.0	1.28	.81	.97	1.00	16.0	4.7	1.42	.84	1.00	1.00
	675	320	19.2	5.6	1.06	.81	.96	1.00	18.3	5.4	1.16	.82	.98	1.00	17.4	5.1	1.29	.84	1.00	1.00	16.6	4.9	1.43	.87	1.00	1.00
67°F (19°C)	525	250	19.3	5.7	1.06	.60	.72	.84	18.5	5.4	1.16	.61	.73	.86	17.6	5.2	1.29	.61	.75	.89	16.7	4.9	1.43	.63	.77	.91
	600	285	20.0	5.9	1.06	.61	.75	.88	19.1	5.6	1.17	.63	.77	.90	18.2	5.3	1.29	.63	.78	.93	17.2	5.0	1.43	.65	.81	.96
	675	320	20.6	6.0	1.06	.64	.78	.92	19.6	5.7	1.17	.64	.79	.94	18.7	5.5	1.30	.66	.81	.97	17.6	5.2	1.44	.67	.84	1.00
71°F (22°C)	525	250	20.6	6.0	1.06	.46	.58	.69	19.7	5.8	1.17	.47	.59	.71	18.8	5.5	1.30	.47	.60	.73	17.8	5.2	1.44	.47	.61	.74
	600	285	21.2	6.2	1.07	.47	.60	.73	20.4	6.0	1.18	.47	.61	.74	19.4	5.7	1.30	.48	.62	.76	18.4	5.4	1.45	.48	.63	.78
	675	320	21.8	6.4	1.07	.48	.62	.75	20.8	6.1	1.18	.48	.63	.77	19.9	5.8	1.30	.49	.64	.78	18.8	5.5	1.45	.49	.65	.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.

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		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - 13ACD-018 with TXV																										**[CB26UH-018-R]**
63°F (17°C)	525	250	17.9	5.2	1.05	.74	.87	.99	17.2	5.0	1.16	.75	.89	1.00	16.3	4.8	1.28	.77	.92	1.00	15.4	4.5	1.42	.79	.95	1.00
	600	285	18.6	5.5	1.05	.77	.91	1.00	17.8	5.2	1.16	.78	.93	1.00	16.9	5.0	1.28	.80	.96	1.00	16.0	4.7	1.42	.82	.98	1.00
	675	320	19.1	5.6	1.06	.79	.95	1.00	18.3	5.4	1.16	.81	.97	1.00	17.5	5.1	1.29	.83	.99	1.00	16.6	4.9	1.43	.86	1.00	1.00
67°F (19°C)	525	250	19.2	5.6	1.06	.59	.71	.83	18.5	5.4	1.16	.59	.73	.85	17.6	5.2	1.29	.60	.74	.87	16.6	4.9	1.43	.61	.76	.90
	600	285	19.9	5.8	1.06	.60	.74	.87	19.1	5.6	1.17	.61	.75	.89	18.2	5.3	1.29	.62	.77	.92	17.2	5.0	1.44	.63	.79	.95
	675	320	20.4	6.0	1.06	.62	.76	.91	19.7	5.8	1.17	.63	.78	.93	18.7	5.5	1.30	.64	.80	.96	17.7	5.2	1.44	.65	.83	.99
71°F (22°C)	525	250	20.4	6.0	1.06	.45	.57	.69	19.7	5.8	1.17	.45	.58	.70	18.9	5.5	1.30	.45	.59	.71	17.8	5.2	1.44	.45	.60	.73
	600	285	21.2	6.2	1.07	.46	.59	.71	20.4	6.0	1.18	.46	.59	.73	19.5	5.7	1.30	.46	.61	.74	18.5	5.4	1.45	.47	.62	.76
	675	320	21.8	6.4	1.07	.46	.60	.74	21.0	6.2	1.18	.46	.61	.75	20.0	5.9	1.31	.47	.63	.77	18.9	5.5	1.45	.47	.64	.80
COOLING CAPACITY - 13ACD-018 with RFC																										**[CB26UH-018-R]**
63°F (17°C)	535	255	17.8	5.2	1.05	.75	.88	1.00	17.0	5.0	1.15	.76	.90	1.00	16.2	4.7	1.27	.78	.93	1.00	15.2	4.5	1.42	.80	.96	1.00
	635	300	18.6	5.5	1.05	.78	.93	1.00	17.8	5.2	1.16	.80	.96	1.00	16.9	5.0	1.28	.82	.98	1.00	16.0	4.7	1.42	.84	1.00	1.00
	745	350	19.4	5.7	1.06	.82	.98	1.00	18.6	5.5	1.16	.84	1.00	1.00	17.8	5.2	1.29	.86	1.00	1.00	16.9	5.0	1.43	.89	1.00	1.00
67°F (19°C)	535	255	19.2	5.6	1.05	.59	.72	.84	18.3	5.4	1.16	.60	.73	.86	17.5	5.1	1.28	.61	.75	.88	16.5	4.8	1.43	.62	.77	.91
	635	300	20.0	5.9	1.06	.61	.75	.89	19.2	5.6	1.17	.62	.77	.92	18.2	5.3	1.29	.63	.79	.94	17.2	5.0	1.43	.65	.81	.97
	745	350	20.8	6.1	1.06	.63	.79	.95	19.8	5.8	1.17	.64	.81	.97	18.8	5.5	1.29	.66	.84	.99	17.7	5.2	1.44	.68	.86	1.00
71°F (22°C)	535	255	20.4	6.0	1.06	.44	.57	.69	19.6	5.7	1.17	.45	.58	.70	18.7	5.5	1.29	.45	.59	.72	17.7	5.2	1.44	.46	.60	.74
	635	300	21.4	6.3	1.07	.45	.59	.73	20.4	6.0	1.17	.46	.60	.74	19.5	5.7	1.30	.46	.62	.76	18.4	5.4	1.44	.47	.63	.78
	745	350	22.2	6.5	1.07	.46	.62	.77	21.2	6.2	1.18	.47	.63	.79	20.2	5.9	1.30	.48	.64	.81	19.0	5.6	1.45	.48	.66	.83
COOLING CAPACITY - 13ACD-018 with TXV																										**[CB27UH-018]**
63°F (17°C)	525	250	18.2	5.3	1.05	.75	.88	1.00	17.4	5.1	1.16	.76	.90	1.00	16.5	4.8	1.28	.77	.93	1.00	15.5	4.5	1.42	.80	.96	1.00
	600	285	18.8	5.5	1.05	.77	.92	1.00	17.9	5.2	1.16	.79	.95	1.00	17.0	5.0	1.28	.81	.97	1.00	16.1	4.7	1.43	.83	1.00	1.00
	675	320	19.3	5.7	1.06	.80	.96	1.00	18.5	5.4	1.16	.82	.98	1.00	17.6	5.2	1.29	.84	1.00	1.00	16.8	4.9	1.43	.87	1.00	1.00
67°F (19°C)	525	250	19.4	5.7	1.06	.59	.72	.84	18.6	5.5	1.16	.59	.73	.86	17.7	5.2	1.29	.60	.75	.88	16.7	4.9	1.43	.61	.77	.91
	600	285	20.0	5.9	1.06	.60	.75	.88	19.2	5.6	1.17	.61	.76	.91	18.3	5.4	1.29	.62	.78	.93	17.2	5.0	1.44	.64	.80	.96
	675	320	20.6	6.0	1.07	.63	.78	.93	19.8	5.8	1.17	.63	.79	.95	18.8	5.5	1.30	.64	.81	.97	17.7	5.2	1.44	.66	.84	1.00
71°F (22°C)	525	250	20.6	6.0	1.07	.45	.57	.69	19.8	5.8	1.17	.45	.58	.70	18.9	5.5	1.30	.45	.58	.72	17.9	5.2	1.44	.45	.60	.74
	600	285	21.4	6.3	1.07	.45	.59	.72	20.4	6.0	1.18	.45	.60	.74	19.5	5.7	1.30	.46	.61	.75	18.4	5.4	1.45	.46	.62	.77
	675	320	22.0	6.4	1.07	.47	.61	.75	21.0	6.2	1.18	.47	.62	.77	20.0	5.9	1.30	.47	.63	.78	18.9	5.5	1.45	.47	.64	.81
COOLING CAPACITY - 13ACD-018 with TXV																										**[CB27UH-024]**
63°F (17°C)	600	285	18.8	5.5	1.05	.77	.92	1.00	18.0	5.3	1.16	.79	.95	1.00	17.0	5.0	1.28	.81	.97	1.00	16.1	4.7	1.43	.83	1.00	1.00
	675	320	19.3	5.7	1.06	.80	.96	1.00	18.4	5.4	1.16	.82	.98	1.00	17.6	5.2	1.29	.84	1.00	1.00	16.7	4.9	1.43	.87	1.00	1.00
67°F (19°C)	600	285	20.2	5.9	1.06	.60	.75	.88	19.3	5.7	1.17	.61	.76	.91	18.3	5.4	1.29	.62	.78	.93	17.3	5.1	1.44	.64	.80	.96
	675	320	20.6	6.0	1.07	.63	.78	.93	19.7	5.8	1.17	.63	.79	.95	18.8	5.5	1.30	.64	.81	.97	17.7	5.2	1.44	.66	.84	1.00
71°F (22°C)	600	285	21.4	6.3	1.07	.45	.59	.72	20.4	6.0	1.18	.45	.60	.74	19.5	5.7	1.30	.46	.61	.75	18.4	5.4	1.45	.46	.62	.77
	675	320	22.0	6.4	1.07	.47	.61	.75	21.0	6.2	1.18	.47	.62	.77	20.0	5.9	1.30	.47	.63	.78	18.9	5.5	1.45	.47	.64	.81
COOLING CAPACITY - 13ACD-018 with TXV																										**[CB30M-21/26]**
63°F (17°C)	525	250	18.0	5.3	1.05	.74	.88	1.00	17.2	5.0	1.16	.76	.90	1.00	16.4	4.8	1.28	.77	.92	1.00	15.4	4.5	1.42	.79	.95	1.00
	600	285	18.6	5.5	1.05	.77	.92	1.00	17.8	5.2	1.16	.79	.94	1.00	16.9	5.0	1.28	.81	.97	1.00	15.9	4.7	1.42	.83	.99	1.00
	675	320	19.1	5.6	1.06	.80	.96	1.00	18.3	5.4	1.16	.82	.98	1.00	17.4	5.1	1.29	.83	1.00	1.00	16.5	4.8	1.43	.86	1.00	1.00
67°F (19°C)	525	250	19.3	5.7	1.06	.58	.71	.84	18.4	5.4	1.16	.59	.73	.86	17.5	5.1	1.29	.60	.74	.88	16.6	4.9	1.43	.61	.76	.91
	600	285	19.9	5.8	1.06	.60	.74	.88	19.0	5.6	1.17	.61	.76	.90	18.1	5.3	1.29	.62	.78	.93	17.1	5.0	1.43	.63	.80	.96
	675	320	20.4	6.0	1.06	.62	.77	.92	19.6	5.7	1.17	.63	.79	.94	18.6	5.5	1.29	.64	.81	.97	17.5	5.1	1.44	.66	.83	.99
71°F (22°C)	525	250	20.4	6.0	1.06	.44	.56	.68	19.6	5.7	1.17	.45	.57	.70	18.7	5.5	1.29	.45	.58	.71	17.7	5.2	1.44	.45	.60	.73
	600	285	21.2	6.2	1.07	.45	.59	.72	20.2	5.9	1.18	.45	.59	.73	19.3	5.7	1.30	.46	.61	.75	18.2	5.3	1.44	.46	.62	.77
	675	320	21.8	6.4	1.07	.46	.60	.74	20.8	6.1	1.18	.47	.61	.76	19.8	5.8	1.30	.47	.63	.78	18.7	5.5	1.45	.47	.64	.80
COOLING CAPACITY - 13ACD-018 with TXV																										**[CB30M-31]**
63°F (17°C)	525	250	18.2	5.3	1.05	.75	.88	1.00	17.4	5.1	1.16	.76	.90	1.00	16.5	4.8	1.28	.77	.93	1.00	15.5	4.5	1.42	.80	.96	1.00
	600	285	18.8	5.5	1.05	.77	.92	1.00	18.0	5.3	1.16	.79	.95	1.00	17.1	5.0	1.28	.81	.97	1.00	16.1	4.7	1.43	.83	1.00	1.00
	675	320	19.3	5.7	1.06	.80	.96	1.00	18.5	5.4	1.16	.82	.98	1.00	17.6	5.2	1.29	.84	1.00	1.00	16.8	4.9	1.43	.87	1.00	1.00
67°F (19°C)	525	250	19.5	5.7	1.06	.59	.72	.84	18.6	5.5	1.16	.59	.73	.86	17.7	5.2	1.29	.60	.75	.88	16.7	4.9	1.43	.61	.77	.91
	600	285	20.2	5.9	1.06	.60	.75	.88	19.3	5.7	1.17	.61	.76	.91	18.3	5.4	1.29	.62	.78	.93	17.3	5.1	1.44	.64	.80	.96
	675	320	20.6	6.0	1.07	.63	.78	.93	19.8	5.8	1.17	.63	.79	.95	18.8	5.5	1.30	.64	.81	.97	17.7	5.2	1.44	.66	.84	1.00
71°F (22°C)	525	250	20.6	6.0	1.07	.45	.57	.69	19.8	5.8	1.17	.45	.58	.70	18.9	5.5	1.30	.45	.58	.72	17.9	5.2	1.44	.45	.60	.74
	600	285	21.4	6.3	1.07	.45	.59	.72	20.4	6.0	1.18	.45	.60	.74	19.5	5.7	1.30	.46	.61	.75	18.4	5.4	1.45	.46	.62	.77
	675	320	22.0	6.4	1.07	.47	.61	.75	21.0	6.2	1.18	.47	.62	.77	20.0	5.9	1.30	.47	.63	.78	18.9	5.5	1.45	.47	.64	.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.

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		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - 13ACD-024 with TXV																												**[C33-19A/B]**
63°F (17°C)	700	330	23.2	6.8	1.41	.77	.90	1.00	22.4	6.6	1.59	.78	.92	1.00	21.4	6.3	1.80	.80	.95	1.00	20.2	5.9	2.04	.82	.97	1.00
	800	380	24.0	7.0	1.41	.79	.94	1.00	23.0	6.7	1.60	.81	.96	1.00	22.0	6.4	1.81	.83	.99	1.00	20.6	6.0	2.04	.85	1.00	1.00
	900	425	24.6	7.2	1.41	.82	.98	1.00	23.4	6.9	1.60	.84	1.00	1.00	22.4	6.6	1.81	.86	1.00	1.00	21.4	6.3	2.05	.89	1.00	1.00
67°F (19°C)	700	330	24.8	7.3	1.41	.61	.74	.87	23.8	7.0	1.60	.62	.75	.89	22.8	6.7	1.81	.63	.77	.91	21.6	6.3	2.05	.64	.79	.94
	800	380	25.4	7.4	1.42	.63	.77	.91	24.4	7.2	1.61	.64	.79	.93	23.2	6.8	1.82	.65	.80	.95	22.0	6.4	2.05	.66	.83	.98
	900	425	26.0	7.6	1.42	.65	.80	.95	24.8	7.3	1.61	.66	.82	.97	23.8	7.0	1.82	.67	.84	.99	22.4	6.6	2.06	.69	.86	1.00
71°F (22°C)	700	330	26.2	7.7	1.42	.47	.60	.72	25.2	7.4	1.61	.48	.60	.73	24.0	7.0	1.82	.48	.61	.75	22.8	6.7	2.06	.48	.63	.77
	800	380	27.0	7.9	1.43	.48	.61	.75	25.8	7.6	1.62	.48	.62	.76	24.6	7.2	1.83	.49	.64	.78	23.4	6.9	2.07	.50	.65	.80
	900	425	27.6	8.1	1.43	.49	.63	.78	26.4	7.7	1.62	.49	.65	.79	25.2	7.4	1.83	.50	.66	.81	23.8	7.0	2.07	.51	.67	.84
COOLING CAPACITY - 13ACD-024 with TXV or RFC system																												**[C33-25A/B]**
63°F (17°C)	700	330	23.8	7.0	1.41	.78	.92	1.00	22.8	6.7	1.59	.79	.94	1.00	21.6	6.3	1.80	.81	.96	1.00	20.4	6.0	2.04	.83	.99	1.00
	800	380	24.4	7.2	1.41	.81	.96	1.00	23.4	6.9	1.60	.82	.98	1.00	22.2	6.5	1.81	.84	1.00	1.00	21.2	6.2	2.05	.87	1.00	1.00
	900	425	25.0	7.3	1.42	.84	1.00	1.00	24.0	7.0	1.60	.86	1.00	1.00	23.0	6.7	1.81	.88	1.00	1.00	21.8	6.4	2.05	.91	1.00	1.00
67°F (19°C)	700	330	25.2	7.4	1.42	.62	.75	.88	24.0	7.0	1.60	.63	.77	.90	23.0	6.7	1.81	.64	.78	.93	21.8	6.4	2.05	.65	.80	.95
	800	380	25.8	7.6	1.42	.64	.78	.93	24.6	7.2	1.61	.65	.80	.95	23.6	6.9	1.82	.66	.82	.97	22.2	6.5	2.06	.67	.84	1.00
	900	425	26.2	7.7	1.42	.66	.82	.97	25.2	7.4	1.61	.67	.83	.99	24.0	7.0	1.82	.68	.86	1.00	22.6	6.6	2.06	.70	.88	1.00
71°F (22°C)	700	330	26.6	7.8	1.43	.47	.60	.73	25.4	7.4	1.61	.48	.61	.74	24.4	7.2	1.82	.48	.62	.76	23.2	6.8	2.06	.49	.64	.78
	800	380	27.2	8.0	1.43	.48	.62	.76	26.2	7.7	1.62	.49	.63	.78	25.0	7.3	1.83	.49	.65	.80	23.6	6.9	2.07	.50	.66	.82
	900	425	27.8	8.1	1.43	.49	.64	.79	26.6	7.8	1.62	.50	.66	.81	25.4	7.4	1.83	.50	.67	.83	24.0	7.0	2.07	.51	.69	.86
COOLING CAPACITY - 13ACD-024 with TXV																												**[C33-30A/B]**
63°F (17°C)	700	330	23.2	6.8	1.41	.77	.91	1.00	22.4	6.6	1.59	.79	.93	1.00	21.4	6.3	1.80	.81	.95	1.00	20.2	5.9	2.04	.83	.98	1.00
	800	380	24.0	7.0	1.41	.80	.95	1.00	23.0	6.7	1.60	.82	.97	1.00	22.0	6.4	1.81	.84	.99	1.00	21.0	6.2	2.05	.86	1.00	1.00
	900	425	24.4	7.2	1.41	.83	.98	1.00	23.6	6.9	1.60	.85	1.00	1.00	22.8	6.7	1.81	.87	1.00	1.00	21.8	6.4	2.05	.90	1.00	1.00
67°F (19°C)	700	330	24.6	7.2	1.41	.62	.75	.87	23.6	6.9	1.60	.63	.76	.89	22.6	6.6	1.81	.64	.78	.92	21.4	6.3	2.05	.65	.80	.95
	800	380	25.4	7.4	1.42	.64	.78	.92	24.4	7.2	1.60	.65	.80	.94	23.2	6.8	1.82	.66	.82	.97	22.0	6.4	2.06	.67	.84	.99
	900	425	26.0	7.6	1.42	.66	.81	.96	25.0	7.3	1.61	.67	.83	.98	23.8	7.0	1.82	.68	.85	1.00	22.6	6.6	2.06	.70	.88	1.00
71°F (22°C)	700	330	25.8	7.6	1.42	.48	.60	.73	24.8	7.3	1.61	.48	.61	.74	23.8	7.0	1.82	.48	.62	.76	22.6	6.6	2.06	.49	.64	.78
	800	380	26.6	7.8	1.43	.48	.62	.75	25.6	7.5	1.61	.49	.63	.77	24.4	7.2	1.83	.49	.65	.79	23.2	6.8	2.06	.50	.66	.81
	900	425	27.2	8.0	1.43	.49	.64	.79	26.2	7.7	1.62	.50	.66	.80	25.0	7.3	1.83	.50	.67	.83	23.8	7.0	2.07	.51	.69	.85
COOLING CAPACITY - 13ACD-024 with RFC																												**[C33-30A/B]**
63°F (17°C)	680	320	23.0	6.7	1.40	.77	.90	1.00	22.0	6.4	1.59	.78	.92	1.00	21.0	6.2	1.80	.80	.95	1.00	20.0	5.9	2.03	.82	.97	1.00
	800	380	23.8	7.0	1.41	.80	.95	1.00	22.8	6.7	1.59	.82	.97	1.00	21.8	6.4	1.80	.84	.99	1.00	20.8	6.1	2.04	.87	1.00	1.00
	920	435	24.6	7.2	1.41	.84	.99	1.00	23.6	6.9	1.60	.86	1.00	1.00	22.8	6.7	1.81	.88	1.00	1.00	21.6	6.3	2.05	.91	1.00	1.00
67°F (19°C)	680	320	24.2	7.1	1.41	.62	.75	.87	23.4	6.9	1.59	.63	.76	.89	22.4	6.6	1.81	.64	.78	.91	21.2	6.2	2.05	.65	.80	.94
	800	380	25.2	7.4	1.42	.64	.78	.92	24.2	7.1	1.60	.65	.80	.94	23.0	6.7	1.81	.66	.82	.97	22.0	6.4	2.05	.68	.84	.99
	920	435	26.0	7.6	1.42	.66	.82	.97	24.8	7.3	1.61	.67	.84	.99	23.8	7.0	1.82	.69	.86	1.00	22.4	6.6	2.05	.71	.89	1.00
71°F (22°C)	680	320	25.6	7.5	1.42	.47	.60	.72	24.6	7.2	1.60	.48	.61	.74	23.4	6.9	1.82	.48	.62	.75	22.2	6.5	2.05	.48	.64	.77
	800	380	26.4	7.7	1.42	.49	.63	.76	25.4	7.4	1.61	.49	.64	.78	24.2	7.1	1.82	.49	.65	.80	23.0	6.7	2.06	.50	.67	.82
	920	435	27.2	8.0	1.43	.50	.65	.79	26.2	7.7	1.62	.50	.66	.81	25.0	7.3	1.83	.51	.68	.84	23.8	7.0	2.07	.51	.69	.86
COOLING CAPACITY - 13ACD-024 with TXV or RFC system																												**[C33-31A/B]**
63°F (17°C)	700	330	24.2	7.1	1.41	.77	.91	1.00	23.2	6.8	1.60	.78	.93	1.00	22.2	6.5	1.81	.80	.96	1.00	20.8	6.1	2.05	.82	.99	1.00
	800	380	25.0	7.3	1.42	.80	.96	1.00	23.8	7.0	1.60	.82	.98	1.00	22.8	6.7	1.81	.84	1.00	1.00	21.6	6.3	2.05	.87	1.00	1.00
	900	425	25.6	7.5	1.42	.84	.99	1.00	24.4	7.2	1.61	.85	1.00	1.00	23.4	6.9	1.82	.88	1.00	1.00	22.4	6.6	2.06	.90	1.00	1.00
67°F (19°C)	700	330	25.8	7.6	1.42	.61	.74	.88	24.8	7.3	1.61	.62	.76	.90	23.6	6.9	1.82	.63	.78	.92	22.4	6.6	2.06	.64	.80	.95
	800	380	26.4	7.7	1.43	.63	.78	.92	25.4	7.4	1.61	.64	.79	.95	24.2	7.1	1.82	.65	.81	.97	22.8	6.7	2.06	.67	.84	1.00
	900	425	27.0	7.9	1.43	.65	.81	.97	25.8	7.6	1.62	.66	.83	.99	24.6	7.2	1.83	.68	.85	1.00	23.4	6.9	2.07	.69	.88	1.00
71°F (22°C)	700	330	27.2	8.0	1.43	.46	.59	.72	26.2	7.7	1.62	.47	.60	.73	25.0	7.3	1.83	.47	.61	.75	23.6	6.9	2.07	.48	.63	.77
	800	380	28.0	8.2	1.43	.48	.62	.75	26.8	7.9	1.62	.48	.63	.77	25.6	7.5	1.84	.49	.64	.79	24.2	7.1	2.07	.49	.65	.81
	900	425	28.6	8.4	1.44	.48	.64	.79	27.4	8.0	1.63	.49	.65	.81	26.2	7.7	1.84	.50	.66	.83	24.8	7.3	2.08	.50	.68	.85
COOLING CAPACITY - 13ACD-024 with TXV or RFC system																												**[C33-36A/B]**
63°F (17°C)	700	330	23.8	7.0	1.41	.78	.92	1.00	22.8	6.7	1.59	.80	.94	1.00	21.6	6.3	1.80	.81	.97	1.00	20.6	6.0	2.04	.84	.99	1.00
	800	380	24.4	7.2	1.41	.81	.97	1.00	23.4	6.9	1.60	.83	.99	1.00	22.4	6.6	1.81	.85	1.00	1.00	21.4	6.3	2.05	.88	1.00	1.00
	900	425	25.0	7.3	1.42	.85	1.00	1.00	24.0	7.0	1.60	.86	1.00	1.00	23.2	6.8	1.82	.89	1.00	1.00	22.0	6.4	2.06	.91	1.00	1.00
67°F (19°C)	700	330	25.0	7.3	1.42	.62	.76	.89	24.0	7.0	1.60	.63	.77	.91	22.8	6.7	1.81	.64	.79	.93	21.6	6.3	2.05	.66	.81	.96
	800	380	25.8	7.6	1.42	.64	.79	.94	24.6	7.2	1.61	.65	.81	.96	23.6	6.9	1.82	.67	.83	.98	22.2	6.5	2.06	.68	.85	1.00
	900	425	26.2	7.7	1.43	.66	.82	.97	25.2	7.4	1.61	.67	.84	.99	24.0	7.0	1.82	.69	.86	1.00	22.8	6.7	2.06	.71	.89	1.00
71°F (22°C)	700	330	26.0	7.6	1.42	.48	.61	.74	25.0	7.3	1.61	.48	.62	.75	24.0	7.0	1.82	.49	.63	.77	22.8	6.7	2.06	.49	.64	.79
	800	380	27.0	7.9	1.43	.49	.63	.77	25.8	7.6	1.62	.49	.64	.78	24.6	7.2	1.83	.50	.65	.80	23.4	6.9	2.07	.50	.67	.83
	900	425	27.6	8.1	1.43	.50	.65	.80	26.4	7.7	1.62	.50	.66	.82	25.2	7.4	1.83	.51	.68	.84	24.0	7.0	2.07	.52	.69	.87
COOLING CAPACITY - 13ACD-024 with TXV or RFC system																												**[C33-38A/B]**
63°F (17°C)	700	330	24.4	7.2	1.41	.78	.92	1.00	23.2	6.8	1.60	.79	.94	1.00	22.2	6.5	1.81	.81	.96	1.00	21.0	6.2	2.05	.83	.99	1.00
	800	380	25.0	7.3	1.42	.81	.96	1.00	24.0	7.0	1.60	.83	.99	1.00	22.8	6.7	1.81	.85	1.00	1.00	21.8	6.4	2.05	.87	1.00	1.00
	900	425	25.6	7.5	1.42	.84	1.00	1.00	24.8	7.3	1.61	.86	1.00	1.00	23.8	7.0	1.82	.89	1.00	1.00	22.6	6.6	2.06	.91	1.00	1.00
67°F (19°C)	700	330	25.8	7.6	1.42	.62	.75	.88	24.8	7.3	1.61	.62	.77	.90	23.6	6.9	1.82	.63	.78	.93	22.4	6.6	2.06	.65	.80	.96
	800	380	26.6	7.8	1.43	.64	.79	.93	25.4	7.4	1.61	.65	.80	.95	24.2	7.1	1.82	.66	.82	.98	23.0	6.7	2.06	.67	.85	1.00
	900	425	27.2	8.0	1.43	.66	.82	.97	26.0	7.6	1.62	.67	.84	.99	24.8	7.3	1.83	.68	.86	1.00	23.4	6.9	2.07	.70	.89	1.00
71°F (22°C)	700	330	27.4	8.0	1.43	.47	.60	.73	26.2	7.7	1.62	.47	.61	.74	25.0	7.3	1.83	.48	.62	.76	23.8	7.0	2.07	.48	.63	.78
	800	380	28.2	8.3	1.44	.48	.62	.76	27.0	7.9	1.62	.48	.63	.78	25.8	7.6	1.84	.49	.64	.80	24.4	7.2	2.08	.49	.66	.82
	900	425	28.8	8.4	1.44	.49	.65	.80	27.6	8.1	1.63	.49	.66	.82	26.2	7.7	1.84	.50	.67	.84	24.8	7.3	2.08	.51	.69	.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.

UP-FLOW INDOOR COIL WITH GAS FURNACES

COOLING CAPACITY - 13ACD-024 with TXV [C33-19A + G60UHV-36A-070]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F	830	390	24.0	7.0	1.41	.79	.95	1.00	23.0	6.7	1.60	.81	.97	1.00	22.0	6.4	1.81	.83	.99	1.00	20.8	6.1	2.04	.85	1.00	1.00
(17°C)	915	430	24.6	7.2	1.41	.82	.98	1.00	23.6	6.9	1.60	.84	1.00	1.00	22.4	6.6	1.81	.86	1.00	1.00	21.4	6.3	2.05	.88	1.00	1.00
67°F	830	390	25.6	7.5	1.42	.63	.77	.91	24.4	7.2	1.61	.64	.79	.93	23.4	6.9	1.82	.65	.81	.96	22.2	6.5	2.06	.66	.83	.99
(19°C)	915	430	26.0	7.6	1.42	.64	.80	.95	24.8	7.3	1.61	.65	.81	.97	23.8	7.0	1.82	.66	.83	.99	22.4	6.6	2.06	.68	.86	1.00
71°F	830	390	27.0	7.9	1.43	.47	.61	.75	25.8	7.6	1.62	.48	.62	.76	24.8	7.3	1.83	.48	.63	.78	23.4	6.9	2.07	.49	.65	.80
(22°C)	915	430	27.6	8.1	1.43	.48	.63	.77	26.4	7.7	1.62	.49	.64	.79	25.2	7.4	1.83	.49	.65	.81	23.8	7.0	2.07	.50	.67	.84

COOLING CAPACITY - 13ACD-024 with TXV or RFC system [C33-25A + G60UHV-36A-070]

63°F	830	390	24.4	7.2	1.41	.81	.96	1.00	23.4	6.9	1.60	.82	.99	1.00	22.4	6.6	1.81	.85	1.00	1.00	21.2	6.2	2.05	.87	1.00	1.00
(17°C)	915	430	25.0	7.3	1.42	.83	.99	1.00	24.0	7.0	1.60	.85	1.00	1.00	23.0	6.7	1.81	.88	1.00	1.00	21.8	6.4	2.05	.90	1.00	1.00
67°F	830	390	25.8	7.6	1.42	.63	.78	.93	24.8	7.3	1.61	.64	.80	.95	23.6	6.9	1.82	.66	.82	.98	22.4	6.6	2.06	.67	.85	1.00
(19°C)	915	430	26.2	7.7	1.42	.65	.81	.97	25.2	7.4	1.61	.66	.83	.99	24.0	7.0	1.82	.67	.85	1.00	22.6	6.6	2.06	.69	.88	1.00
71°F	830	390	27.4	8.0	1.43	.48	.62	.76	26.2	7.7	1.62	.48	.63	.78	25.0	7.3	1.83	.49	.64	.80	23.8	7.0	2.07	.49	.66	.82
(22°C)	915	430	27.8	8.1	1.43	.48	.64	.79	26.6	7.8	1.62	.49	.65	.81	25.4	7.4	1.83	.49	.66	.83	24.0	7.0	2.07	.50	.68	.86

COOLING CAPACITY - 13ACD-024 with TXV or RFC system [C33-25B + G60UHV-36B-090]

63°F	825	390	24.4	7.2	1.41	.80	.96	1.00	23.4	6.9	1.60	.82	.98	1.00	22.2	6.5	1.81	.84	1.00	1.00	21.2	6.2	2.05	.87	1.00	1.00
(17°C)	905	425	24.8	7.3	1.42	.83	.99	1.00	23.8	7.0	1.60	.85	1.00	1.00	22.8	6.7	1.81	.87	1.00	1.00	21.8	6.4	2.05	.90	1.00	1.00
67°F	825	390	25.8	7.6	1.42	.63	.78	.93	24.8	7.3	1.61	.64	.80	.95	23.6	6.9	1.82	.65	.82	.98	22.4	6.6	2.06	.67	.84	1.00
(19°C)	905	425	26.2	7.7	1.42	.65	.81	.96	25.2	7.4	1.61	.66	.83	.98	23.8	7.0	1.82	.67	.85	1.00	22.6	6.6	2.06	.69	.87	1.00
71°F	825	390	27.4	8.0	1.43	.47	.62	.76	26.2	7.7	1.62	.48	.63	.78	25.0	7.3	1.83	.48	.64	.80	23.6	6.9	2.07	.49	.66	.82
(22°C)	905	425	27.8	8.1	1.43	.48	.63	.78	26.6	7.8	1.62	.49	.65	.80	25.4	7.4	1.83	.49	.66	.82	24.0	7.0	2.07	.50	.68	.85

COOLING CAPACITY - 13ACD-024 with TXV or RFC system [C33-25B + G61MPV-36B-045]

63°F	840	395	24.6	7.2	1.41	.81	.97	1.00	23.4	6.9	1.60	.83	.99	1.00	22.4	6.6	1.81	.85	1.00	1.00	21.4	6.3	2.05	.88	1.00	1.00
(17°C)	945	445	25.2	7.4	1.42	.85	1.00	1.00	24.2	7.1	1.60	.87	1.00	1.00	23.2	6.8	1.82	.89	1.00	1.00	22.0	6.4	2.05	.92	1.00	1.00
67°F	840	395	25.8	7.6	1.42	.64	.79	.94	24.8	7.3	1.61	.65	.81	.96	23.6	6.9	1.82	.66	.83	.98	22.4	6.6	2.06	.67	.85	1.00
(19°C)	945	445	26.4	7.7	1.43	.66	.82	.98	25.4	7.4	1.61	.67	.84	1.00	24.0	7.0	1.82	.68	.87	1.00	22.8	6.7	2.06	.70	.89	1.00
71°F	840	395	27.4	8.0	1.43	.48	.62	.76	26.2	7.7	1.62	.48	.63	.78	25.0	7.3	1.83	.49	.65	.80	23.8	7.0	2.07	.49	.66	.83
(22°C)	945	445	28.0	8.2	1.43	.49	.65	.80	26.8	7.9	1.62	.49	.66	.82	25.6	7.5	1.84	.50	.67	.84	24.2	7.1	2.07	.51	.69	.87

COOLING CAPACITY - 13ACD-024 with TXV or RFC system [C33-25B + G61MPV-36B-070] [C33-25B + G71MPP-36B-070]

63°F	830	390	24.4	7.2	1.41	.81	.96	1.00	23.4	6.9	1.60	.82	.99	1.00	22.4	6.6	1.81	.85	1.00	1.00	21.2	6.2	2.05	.87	1.00	1.00
(17°C)	930	440	25.0	7.3	1.42	.84	1.00	1.00	24.0	7.0	1.60	.86	1.00	1.00	23.0	6.7	1.81	.88	1.00	1.00	22.0	6.4	2.05	.91	1.00	1.00
67°F	830	390	25.8	7.6	1.42	.63	.78	.93	24.8	7.3	1.61	.64	.80	.95	23.6	6.9	1.82	.66	.82	.98	22.4	6.6	2.06	.67	.85	1.00
(19°C)	930	440	26.4	7.7	1.43	.65	.82	.97	25.2	7.4	1.61	.67	.84	.99	24.0	7.0	1.82	.68	.86	1.00	22.8	6.7	2.06	.70	.89	1.00
71°F	830	390	27.4	8.0	1.43	.48	.62	.76	26.2	7.7	1.62	.48	.63	.78	25.0	7.3	1.83	.49	.64	.80	23.8	7.0	2.07	.49	.66	.82
(22°C)	930	440	28.0	8.2	1.43	.49	.64	.80	26.8	7.9	1.62	.49	.65	.81	25.4	7.4	1.83	.50	.67	.84	24.2	7.1	2.07	.50	.69	.86

COOLING CAPACITY - 13ACD-024 with TXV or RFC system [C33-30A + G60UHV-36A-070]

63°F	830	390	24.0	7.0	1.41	.80	.95	1.00	23.0	6.7	1.60	.82	.97	1.00	22.0	6.4	1.81	.84	.99	1.00	21.0	6.2	2.05	.87	1.00	1.00
(17°C)	915	430	24.6	7.2	1.41	.83	.98	1.00	23.6	6.9	1.60	.85	1.00	1.00	22.8	6.7	1.81	.87	1.00	1.00	21.6	6.3	2.05	.90	1.00	1.00
67°F	830	390	25.4	7.4	1.42	.63	.78	.92	24.4	7.2	1.61	.64	.80	.94	23.4	6.9	1.82	.66	.82	.97	22.2	6.5	2.06	.67	.84	.99
(19°C)	915	430	26.0	7.6	1.42	.65	.80	.95	25.0	7.3	1.61	.66	.82	.98	23.8	7.0	1.82	.67	.85	.99	22.6	6.6	2.06	.69	.87	1.00
71°F	830	390	26.8	7.9	1.43	.47	.62	.76	25.8	7.6	1.61	.48	.63	.77	24.6	7.2	1.83	.49	.64	.79	23.4	6.9	2.07	.49	.66	.82
(22°C)	915	430	27.2	8.0	1.43	.48	.64	.78	26.2	7.7	1.62	.49	.65	.80	25.0	7.3	1.83	.50	.66	.82	23.8	7.0	2.07	.50	.68	.85

COOLING CAPACITY - 13ACD-024 with TXV or RFC system [C33-30B + G60UHV-36B-090]

63°F	825	390	24.0	7.0	1.41	.80	.95	1.00	23.0	6.7	1.60	.82	.97	1.00	22.0	6.4	1.81	.84	.99	1.00	21.0	6.2	2.05	.86	1.00	1.00
(17°C)	905	425	24.4	7.2	1.41	.82	.98	1.00	23.6	6.9	1.60	.84	.99	1.00	22.6	6.6	1.81	.86	1.00	1.00	21.6	6.3	2.05	.89	1.00	1.00
67°F	825	390	25.4	7.4	1.42	.63	.78	.92	24.4	7.2	1.60	.64	.79	.94	23.4	6.9	1.82	.65	.81	.97	22.2	6.5	2.06	.67	.84	.99
(19°C)	905	425	25.8	7.6	1.42	.65	.80	.95	24.8	7.3	1.61	.66	.82	.97	23.8	7.0	1.82	.67	.84	.99	22.4	6.6	2.06	.69	.87	1.00
71°F	825	390	26.6	7.8	1.43	.47	.62	.75	25.6	7.5	1.61	.48	.63	.77	24.6	7.2	1.83	.48	.64	.79	23.4	6.9	2.06	.49	.66	.81
(22°C)	905	425	27.2	8.0	1.43	.48	.63	.78	26.2	7.7	1.62	.49	.65	.80	25.0	7.3	1.83	.49	.66	.82	23.8	7.0	2.07	.50	.68	.84

COOLING CAPACITY - 13ACD-024 with TXV or RFC system [C33-30B + G61MPV-36B-045]

63°F	840	395	24.2	7.1	1.41	.81	.96	1.00	23.2	6.8	1.60	.82	.98	1.00	22.2	6.5	1.81	.84	1.00	1.00	21.2	6.2	2.05	.87	1.00	1.00
(17°C)	945	445	24.8	7.3	1.41	.84	.99	1.00	23.8	7.0	1.60	.86	1.00	1.00	23.0	6.7	1.81	.88	1.00	1.00	22.0	6.4	2.05	.91	1.00	1.00
67°F	840	395	25.6	7.5	1.42	.64	.78	.92	24.6	7.2	1.61	.65	.80	.95	23.4	6.9	1.82	.66	.82	.97	22.2	6.5	2.06	.67	.85	.99
(19°C)	945	445	26.2	7.7	1.42	.66	.82	.97	25.0	7.3	1.61	.67	.83	.99	24.0	7.0	1.82	.68	.86	1.00	22.6	6.6	2.06	.70	.89	1.00
71°F	840	395	26.8	7.9	1.43	.48	.62	.76	25.8	7.6	1.62	.48	.63	.78	24.6	7.2	1.83	.49	.65	.80	23.4	6.9	2.07	.49	.66	.82
(22°C)	945	445	27.6	8.1	1.43	.49	.65	.79	26.4	7.7	1.62	.49	.66	.81	25.2	7.4	1.83	.50	.67	.83	24.0	7.0	2.07	.51	.69	.86

COOLING CAPACITY - 13ACD-024 with TXV or RFC system [C33-30B + G61MPV-36B-070] [C33-30B + G71MPP-36B-070]

63°F	830	390	24.0	7.0	1.41	.80	.95	1.00	23.0	6.7	1.60	.82	.97	1.00	22.0	6.4	1.81	.84	.99	1.00	21.0	6.2	2.05	.87	1.00	1.00
(17°C)	930	440	24.6	7.2	1.41	.83	.99	1.00	23.8	7.0	1.60	.85	1.00	1.00	22.8	6.7	1.81	.87	1.00	1.00	21.8	6.4	2.05	.90	1.00	1.00
67°F	830	390	25.4	7.4	1.42	.63	.78	.92	24.4	7.2	1.61	.64	.80	.94	23.4	6.9	1.82	.66	.82	.97	22.2	6.5	2.06	.67	.84	.99
(19°C)	930	440	26.0	7.6	1.42	.65	.81	.96	25.0	7.3	1.61	.66	.83	.98	23.8	7.0	1.82	.68	.85	1.00	22.6	6.6	2.06	.69	.88	1.00
71°F	830	390	26.8	7.9	1.43	.47	.62	.76	25.8	7.6	1.61	.48	.63	.77	24.6	7.2	1.83	.49	.64	.79	23.4	6.9	2.07	.49	.66	.82
(22°C)	930	440	27.4	8.0	1.43	.49	.64	.79	26.4	7.7	1.62	.49	.65	.81	25.0	7.3	1.83	.50	.67	.83	23.8	7.0	2.07	.51	.68	.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

COOLING CAPACITY - 13ACD-024 with TXV or RFC system [C33-31A + G60UHV-36A-070]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F	830	390	25.0	7.3	1.42	.80	.96	1.00	24.0	7.0	1.60	.82	.99	1.00	22.8	6.7	1.81	.84	1.00	1.00	21.8	6.4	2.05	.87	1.00	1.00
(17°C)	915	430	25.4	7.4	1.42	.83	.99	1.00	24.4	7.2	1.61	.85	1.00	1.00	23.4	6.9	1.82	.87	1.00	1.00	22.4	6.6	2.06	.90	1.00	1.00
67°F	830	390	26.6	7.8	1.43	.63	.78	.93	25.4	7.4	1.61	.64	.80	.95	24.2	7.1	1.82	.65	.82	.98	23.0	6.7	2.06	.66	.84	1.00
(19°C)	915	430	27.0	7.9	1.43	.65	.81	.97	25.8	7.6	1.62	.66	.83	.99	24.6	7.2	1.83	.67	.85	1.00	23.4	6.9	2.07	.69	.87	1.00
71°F	830	390	28.2	8.3	1.44	.47	.62	.76	27.0	7.9	1.62	.47	.62	.77	25.6	7.5	1.84	.48	.64	.79	24.4	7.2	2.07	.48	.65	.82
(22°C)	915	430	28.6	8.4	1.44	.48	.63	.78	27.4	8.0	1.63	.48	.64	.80	26.2	7.7	1.84	.49	.66	.82	24.8	7.3	2.08	.50	.68	.85

COOLING CAPACITY - 13ACD-024 with TXV or RFC system [C33-31B + G60UHV-36B-090]

63°F	825	390	25.0	7.3	1.42	.80	.96	1.00	24.0	7.0	1.60	.82	.98	1.00	22.8	6.7	1.81	.84	1.00	1.00	21.6	6.3	2.05	.86	1.00	1.00
(17°C)	905	425	25.4	7.4	1.42	.83	.99	1.00	24.4	7.2	1.61	.85	1.00	1.00	23.4	6.9	1.82	.87	1.00	1.00	22.2	6.5	2.06	.90	1.00	1.00
67°F	825	390	26.6	7.8	1.43	.62	.78	.93	25.4	7.4	1.61	.63	.79	.95	24.2	7.1	1.82	.65	.81	.98	23.0	6.7	2.06	.66	.84	1.00
(19°C)	905	425	27.0	7.9	1.43	.64	.80	.96	25.8	7.6	1.62	.65	.82	.98	24.6	7.2	1.83	.66	.84	1.00	23.2	6.8	2.07	.68	.87	1.00
71°F	825	390	28.0	8.2	1.44	.47	.61	.75	26.8	7.9	1.62	.47	.62	.77	25.6	7.5	1.84	.48	.63	.79	24.4	7.2	2.07	.48	.65	.81
(22°C)	905	425	28.6	8.4	1.44	.47	.63	.78	27.4	8.0	1.63	.48	.64	.80	26.0	7.6	1.84	.48	.65	.82	24.6	7.2	2.08	.49	.67	.84

COOLING CAPACITY - 13ACD-024 with TXV or RFC system [C33-31B + G61MPV-36B-045]

63°F	840	395	25.0	7.3	1.42	.81	.97	1.00	24.0	7.0	1.60	.82	.99	1.00	22.8	6.7	1.81	.85	1.00	1.00	21.8	6.4	2.05	.87	1.00	1.00
(17°C)	945	445	25.6	7.5	1.42	.84	1.00	1.00	24.8	7.3	1.61	.86	1.00	1.00	23.8	7.0	1.82	.89	1.00	1.00	22.6	6.6	2.06	.92	1.00	1.00
67°F	840	395	26.6	7.8	1.43	.63	.78	.93	25.6	7.5	1.61	.64	.80	.96	24.2	7.1	1.83	.65	.82	.98	23.0	6.7	2.06	.67	.85	1.00
(19°C)	945	445	27.2	8.0	1.43	.65	.82	.98	26.0	7.6	1.62	.66	.84	1.00	24.8	7.3	1.83	.68	.86	1.00	23.4	6.9	2.07	.70	.89	1.00
71°F	840	395	28.2	8.3	1.44	.47	.62	.76	27.0	7.9	1.63	.47	.63	.78	25.8	7.6	1.84	.48	.64	.80	24.4	7.2	2.08	.49	.66	.82
(22°C)	945	445	28.8	8.4	1.44	.48	.64	.80	27.6	8.1	1.63	.49	.65	.81	26.2	7.7	1.84	.49	.67	.84	24.8	7.3	2.08	.50	.69	.87

COOLING CAPACITY - 13ACD-024 with TXV or RFC system [C33-31B + G61MPV-36B-070] [C33-31B + G71MPP-36B-070]

63°F	830	390	25.0	7.3	1.42	.80	.96	1.00	24.0	7.0	1.60	.82	.99	1.00	22.8	6.7	1.81	.84	1.00	1.00	21.8	6.4	2.05	.87	1.00	1.00
(17°C)	930	440	25.6	7.5	1.42	.84	1.00	1.00	24.6	7.2	1.61	.86	1.00	1.00	23.6	6.9	1.82	.88	1.00	1.00	22.6	6.6	2.06	.91	1.00	1.00
67°F	830	390	26.6	7.8	1.43	.63	.78	.93	25.4	7.4	1.61	.64	.80	.95	24.2	7.1	1.82	.65	.82	.98	23.0	6.7	2.06	.66	.84	1.00
(19°C)	930	440	27.2	8.0	1.43	.65	.81	.97	26.0	7.6	1.62	.66	.83	.99	24.8	7.3	1.83	.67	.85	1.00	23.4	6.9	2.07	.69	.88	1.00
71°F	830	390	28.2	8.3	1.44	.47	.62	.76	27.0	7.9	1.62	.47	.62	.77	25.6	7.5	1.84	.48	.64	.79	24.4	7.2	2.07	.49	.65	.82
(22°C)	930	440	28.8	8.4	1.44	.48	.64	.79	27.6	8.1	1.63	.48	.65	.81	26.2	7.7	1.84	.49	.66	.83	24.8	7.3	2.08	.50	.68	.86

COOLING CAPACITY - 13ACD-024 with TXV or RFC system [C33-36A + G60UHV-36A-070]

63°F	830	390	24.6	7.2	1.41	.81	.97	1.00	23.6	6.9	1.60	.83	.99	1.00	22.4	6.6	1.81	.85	1.00	1.00	21.4	6.3	2.05	.88	1.00	1.00
(17°C)	915	430	25.0	7.3	1.42	.84	1.00	1.00	24.0	7.0	1.60	.86	1.00	1.00	23.0	6.7	1.82	.88	1.00	1.00	22.0	6.4	2.05	.91	1.00	1.00
67°F	830	390	25.8	7.6	1.42	.64	.79	.94	24.8	7.3	1.61	.65	.81	.96	23.6	6.9	1.82	.66	.83	.98	22.4	6.6	2.06	.68	.85	1.00
(19°C)	915	430	26.2	7.7	1.43	.66	.82	.97	25.2	7.4	1.61	.67	.84	.99	24.0	7.0	1.82	.68	.86	1.00	22.8	6.7	2.06	.70	.89	1.00
71°F	830	390	27.0	7.9	1.43	.48	.63	.77	25.8	7.6	1.62	.49	.64	.79	24.8	7.3	1.83	.49	.65	.81	23.6	6.9	2.07	.50	.67	.83
(22°C)	915	430	27.6	8.1	1.43	.49	.65	.80	26.4	7.7	1.62	.49	.66	.82	25.2	7.4	1.83	.50	.67	.84	24.0	7.0	2.07	.51	.69	.86

COOLING CAPACITY - 13ACD-024 with TXV or RFC system [C33-36B + G60UHV-36B-090]

63°F	825	390	24.4	7.2	1.41	.81	.97	1.00	23.6	6.9	1.60	.83	.99	1.00	22.4	6.6	1.81	.85	1.00	1.00	21.4	6.3	2.05	.87	1.00	1.00
(17°C)	905	425	25.0	7.3	1.42	.84	.99	1.00	24.0	7.0	1.60	.85	1.00	1.00	23.0	6.7	1.81	.88	1.00	1.00	21.8	6.4	2.05	.90	1.00	1.00
67°F	825	390	25.8	7.6	1.42	.64	.79	.94	24.8	7.3	1.61	.65	.81	.96	23.6	6.9	1.82	.66	.83	.98	22.4	6.6	2.06	.67	.85	1.00
(19°C)	905	425	26.2	7.7	1.42	.65	.81	.97	25.2	7.4	1.61	.66	.83	.99	24.0	7.0	1.82	.68	.85	1.00	22.6	6.6	2.06	.69	.88	1.00
71°F	825	390	27.0	7.9	1.43	.48	.63	.77	26.0	7.6	1.62	.48	.64	.78	24.8	7.3	1.83	.49	.65	.80	23.4	6.9	2.07	.49	.66	.83
(22°C)	905	425	27.4	8.0	1.43	.49	.64	.79	26.4	7.7	1.62	.49	.65	.81	25.2	7.4	1.83	.50	.67	.83	23.8	7.0	2.07	.50	.68	.86

COOLING CAPACITY - 13ACD-024 with TXV or RFC system [C33-36B + G61MPV-36B-045]

63°F	840	395	24.6	7.2	1.41	.82	.97	1.00	23.6	6.9	1.60	.84	.99	1.00	22.6	6.6	1.81	.86	1.00	1.00	21.4	6.3	2.05	.88	1.00	1.00
(17°C)	945	445	25.2	7.4	1.42	.85	1.00	1.00	24.4	7.2	1.60	.87	1.00	1.00	23.4	6.9	1.82	.90	1.00	1.00	22.2	6.5	2.06	.93	1.00	1.00
67°F	840	395	25.8	7.6	1.42	.64	.80	.94	24.8	7.3	1.61	.65	.81	.97	23.6	6.9	1.82	.67	.83	.99	22.4	6.6	2.06	.68	.86	1.00
(19°C)	945	445	26.6	7.8	1.43	.66	.83	.99	25.4	7.4	1.61	.68	.85	1.00	24.2	7.1	1.82	.69	.87	1.00	22.8	6.7	2.06	.71	.90	1.00
71°F	840	395	27.2	8.0	1.43	.48	.63	.77	26.0	7.6	1.62	.49	.64	.79	24.8	7.3	1.83	.49	.65	.81	23.6	6.9	2.07	.50	.67	.83
(22°C)	945	445	27.8	8.1	1.43	.49	.65	.81	26.6	7.8	1.62	.50	.67	.83	25.4	7.4	1.83	.50	.68	.85	24.2	7.1	2.07	.51	.70	.88

COOLING CAPACITY - 13ACD-024 with TXV or RFC system [C33-36B + G61MPV-36B-070] [C33-36B + G71MPP-36B-070]

63°F	830	390	24.6	7.2	1.41	.81	.97	1.00	23.6	6.9	1.60	.83	.99	1.00	22.4	6.6	1.81	.85	1.00	1.00	21.4	6.3	2.05	.88	1.00	1.00
(17°C)	930	440	25.2	7.4	1.42	.85	1.00	1.00	24.2	7.1	1.60	.87	1.00	1.00	23.2	6.8	1.81	.89	1.00	1.00	22.2	6.5	2.05	.92	1.00	1.00
67°F	830	390	25.8	7.6	1.42	.64	.79	.94	24.8	7.3	1.61	.65	.81	.96	23.6	6.9	1.82	.66	.83	.98	22.4	6.6	2.06	.68	.85	1.00
(19°C)	930	440	26.4	7.7	1.43	.66	.82	.98	25.4	7.4	1.61	.67	.84	1.00	24.2	7.1	1.82	.69	.87	1.00	22.8	6.7	2.06	.70	.89	1.00
71°F	830	390	27.0	7.9	1.43	.48	.63	.77	25.8	7.6	1.62	.49	.64	.79	24.8	7.3	1.83	.49	.65	.81	23.6	6.9	2.07	.50	.67	.83
(22°C)	930	440	27.6	8.1	1.43	.49	.65	.80	26.6	7.8	1.62	.50	.66	.82	25.4	7.4	1.83	.50	.68	.84	24.0	7.0	2.07	.51	.69	.87

COOLING CAPACITY - 13ACD-024 with TXV or RFC system [C33-38A + G60UHV-36A-070]

63°F	830	390	25.2	7.4	1.42	.81	.97	1.00	24.0	7.0	1.60	.83	.99	1.00	23.0	6.7	1.81	.85	1.00	1.00	22.0	6.4	2.05	.87	1.00	1.00
(17°C)	915	430	25.6	7.5	1.42	.84	1.00	1.00	24.8	7.3	1.61	.86	1.00	1.00	23.6	6.9	1.82	.88	1.00	1.00	22.6	6.6	2.06	.91	1.00	1.00
67°F	830	390	26.6	7.8	1.43	.63	.79	.94	25.6	7.5	1.61	.64	.80	.96	24.4	7.2	1.82	.65	.82	.98	23.0	6.7	2.06	.67	.85	1.00
(19°C)	915	430	27.2	8.0	1.43	.65	.82	.97	26.0	7.6	1.62	.66	.83	.99	24.6	7.2	1.83	.68	.86	1.00	23.4	6.9	2.07	.69	.88	1.00
71°F	830	390	28.2	8.3	1.44	.47	.62	.76	27.0	7.9	1.63	.47	.63	.78	25.8	7.6	1.84	.48	.64	.80	24.4	7.2	2.07	.49	.66	.82
(22°C)	915	430	28.8	8.4	1.44	.48	.64	.79	27.6	8.1	1.63	.48	.65	.81	26.2	7.7	1.84	.49	.66	.83	24.8	7.3	2.08	.50	.68	.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.

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		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - 13ACD-024 with TXV or RFC system																										**[C33-38B + G60UHV-36B-090]**
63°F (17°C)	825	390	25.2	7.4	1.42	.81	.97	1.00	24.0	7.0	1.60	.83	.99	1.00	23.0	6.7	1.81	.85	1.00	1.00	21.8	6.4	2.05	.87	1.00	1.00
	905	425	25.6	7.5	1.42	.83	1.00	1.00	24.6	7.2	1.61	.85	1.00	1.00	23.6	6.9	1.82	.88	1.00	1.00	22.4	6.6	2.06	.90	1.00	1.00
67°F (19°C)	825	390	26.6	7.8	1.43	.63	.78	.93	25.6	7.5	1.61	.64	.80	.96	24.2	7.1	1.82	.65	.82	.98	23.0	6.7	2.06	.67	.84	1.00
	905	425	27.2	8.0	1.43	.65	.81	.97	26.0	7.6	1.62	.66	.83	.99	24.6	7.2	1.83	.67	.85	1.00	23.4	6.9	2.07	.69	.88	1.00
71°F (22°C)	825	390	28.2	8.3	1.44	.47	.62	.76	27.0	7.9	1.62	.47	.63	.78	25.8	7.6	1.84	.48	.64	.80	24.4	7.2	2.08	.48	.65	.82
	905	425	28.6	8.4	1.44	.48	.64	.79	27.4	8.0	1.63	.48	.65	.81	26.2	7.7	1.84	.49	.66	.83	24.8	7.3	2.08	.49	.68	.85
COOLING CAPACITY - 13ACD-024 with TXV or RFC system																										**[C33-38B + G61MPV-36B-045]**
63°F (17°C)	840	395	25.2	7.4	1.42	.81	.97	1.00	24.2	7.1	1.60	.83	.99	1.00	23.2	6.8	1.81	.85	1.00	1.00	22.0	6.4	2.06	.88	1.00	1.00
	945	445	26.0	7.6	1.42	.85	1.00	1.00	25.0	7.3	1.61	.87	1.00	1.00	24.0	7.0	1.82	.90	1.00	1.00	22.8	6.7	2.06	.92	1.00	1.00
67°F (19°C)	840	395	26.8	7.9	1.43	.64	.79	.94	25.6	7.5	1.61	.65	.81	.96	24.4	7.2	1.83	.66	.83	.99	23.0	6.7	2.06	.67	.85	1.00
	945	445	27.4	8.0	1.43	.66	.83	.99	26.2	7.7	1.62	.67	.85	1.00	25.0	7.3	1.83	.69	.87	1.00	23.6	6.9	2.07	.70	.90	1.00
71°F (22°C)	840	395	28.2	8.3	1.44	.47	.62	.77	27.0	7.9	1.63	.48	.63	.78	25.8	7.6	1.84	.48	.64	.80	24.4	7.2	2.08	.49	.66	.83
	945	445	29.0	8.5	1.44	.49	.65	.80	27.8	8.1	1.63	.49	.66	.83	26.4	7.7	1.84	.50	.67	.85	25.0	7.3	2.08	.50	.69	.87
COOLING CAPACITY - 13ACD-024 with TXV or RFC system																										**[C33-38B + G61MPV-36B-070]** **[C33-38B + G71MPP-36B-070]**
63°F (17°C)	830	390	25.2	7.4	1.42	.81	.97	1.00	24.0	7.0	1.60	.83	.99	1.00	23.0	6.7	1.81	.85	1.00	1.00	22.0	6.4	2.05	.87	1.00	1.00
	930	440	25.8	7.6	1.42	.84	1.00	1.00	24.8	7.3	1.61	.86	1.00	1.00	23.8	7.0	1.82	.89	1.00	1.00	22.6	6.6	2.06	.91	1.00	1.00
67°F (19°C)	830	390	26.6	7.8	1.43	.63	.79	.94	25.6	7.5	1.61	.64	.80	.96	24.4	7.2	1.82	.65	.82	.98	23.0	6.7	2.06	.67	.85	1.00
	930	440	27.2	8.0	1.43	.66	.82	.98	26.0	7.6	1.62	.67	.84	1.00	24.8	7.3	1.83	.68	.86	1.00	23.4	6.9	2.07	.70	.89	1.00
71°F (22°C)	830	390	28.2	8.3	1.44	.47	.62	.76	27.0	7.9	1.63	.48	.63	.78	25.8	7.6	1.84	.48	.64	.80	24.4	7.2	2.07	.49	.66	.82
	930	440	28.8	8.4	1.44	.48	.64	.80	27.6	8.1	1.63	.49	.66	.82	26.2	7.7	1.84	.49	.67	.84	25.0	7.3	2.08	.50	.69	.87

DOWN-FLOW INDOOR COILS

COOLING CAPACITY - 13ACD-024 with TXV																										**[CR33-24A/B-F]**
63°F (17°C)	700	330	23.6	6.9	1.41	.77	.92	1.00	22.6	6.6	1.59	.79	.93	1.00	21.6	6.3	1.80	.81	.96	1.00	20.4	6.0	2.04	.83	.98	1.00
	800	380	24.4	7.2	1.41	.81	.96	1.00	23.4	6.9	1.60	.82	.97	1.00	22.2	6.5	1.81	.84	.99	1.00	21.0	6.2	2.05	.87	1.00	1.00
	900	425	25.0	7.3	1.42	.84	.99	1.00	23.8	7.0	1.60	.86	1.00	1.00	22.8	6.7	1.81	.88	1.00	1.00	21.8	6.4	2.05	.91	1.00	1.00
67°F (19°C)	700	330	25.0	7.3	1.42	.61	.75	.88	24.0	7.0	1.60	.62	.76	.90	23.0	6.7	1.81	.63	.78	.92	21.6	6.3	2.05	.65	.80	.95
	800	380	25.8	7.6	1.42	.63	.78	.92	24.6	7.2	1.61	.64	.80	.94	23.4	6.9	1.82	.66	.82	.97	22.2	6.5	2.06	.67	.84	.99
	900	425	26.4	7.7	1.42	.65	.81	.96	25.2	7.4	1.61	.66	.83	.98	24.0	7.0	1.82	.68	.86	1.00	22.6	6.6	2.06	.70	.88	1.00
71°F (22°C)	700	330	26.4	7.7	1.43	.47	.60	.72	25.4	7.4	1.61	.47	.61	.74	24.2	7.1	1.82	.48	.62	.76	23.0	6.7	2.06	.48	.63	.78
	800	380	27.2	8.0	1.43	.48	.62	.76	26.0	7.6	1.62	.48	.63	.77	24.8	7.3	1.83	.49	.64	.79	23.4	6.9	2.07	.49	.66	.82
	900	425	27.8	8.1	1.43	.49	.64	.79	26.6	7.8	1.62	.49	.65	.81	25.4	7.4	1.83	.50	.67	.83	24.0	7.0	2.07	.51	.68	.86
COOLING CAPACITY - 13ACD-024 with TXV or RFC system																										**[CR33-30/36A/B/C-F]**
63°F (17°C)	700	330	24.0	7.0	1.41	.78	.92	1.00	23.0	6.7	1.59	.79	.94	1.00	21.8	6.4	1.81	.81	.97	1.00	20.8	6.1	2.04	.84	.99	1.00
	800	380	24.8	7.3	1.41	.81	.97	1.00	23.6	6.9	1.60	.83	.98	1.00	22.6	6.6	1.81	.85	1.00	1.00	21.4	6.3	2.05	.88	1.00	1.00
	900	425	25.2	7.4	1.42	.85	1.00	1.00	24.2	7.1	1.61	.87	1.00	1.00	23.2	6.8	1.82	.89	1.00	1.00	22.2	6.5	2.05	.92	1.00	1.00
67°F (19°C)	700	330	25.4	7.4	1.42	.62	.75	.89	24.4	7.2	1.61	.62	.77	.91	23.2	6.8	1.81	.64	.79	.93	22.0	6.4	2.05	.65	.81	.96
	800	380	26.0	7.6	1.42	.64	.79	.93	25.0	7.3	1.61	.65	.81	.96	23.8	7.0	1.82	.66	.83	.98	22.6	6.6	2.06	.68	.85	1.00
	900	425	26.6	7.8	1.43	.66	.82	.97	25.4	7.4	1.61	.67	.84	.99	24.4	7.2	1.82	.68	.87	1.00	23.0	6.7	2.06	.70	.89	1.00
71°F (22°C)	700	330	26.8	7.9	1.43	.47	.60	.73	25.8	7.6	1.62	.47	.61	.74	24.6	7.2	1.83	.48	.62	.76	23.2	6.8	2.06	.48	.64	.78
	800	380	27.6	8.1	1.43	.48	.62	.76	26.4	7.7	1.62	.48	.63	.78	25.2	7.4	1.83	.49	.65	.80	23.8	7.0	2.07	.50	.66	.83
	900	425	28.2	8.3	1.44	.49	.65	.80	27.0	7.9	1.62	.49	.66	.82	25.6	7.5	1.84	.50	.67	.84	24.4	7.2	2.07	.51	.69	.87

DOWN-FLOW INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - 13ACD-024 with TXV																										**[CR33-24B-F + G60DFV-36B-090]**
63°F (17°C)	920	435	25.0	7.3	1.42	.83	.99	1.00	23.8	7.0	1.60	.85	1.00	1.00	22.8	6.7	1.81	.88	1.00	1.00	21.6	6.3	2.05	.90	1.00	1.00
	1040	490	25.6	7.5	1.42	.87	1.00	1.00	24.6	7.2	1.61	.89	1.00	1.00	23.4	6.9	1.82	.92	1.00	1.00	22.4	6.6	2.06	.94	1.00	1.00
67°F (19°C)	920	435	26.4	7.7	1.42	.65	.81	.96	25.2	7.4	1.61	.66	.83	.98	24.0	7.0	1.82	.67	.85	1.00	22.6	6.6	2.06	.69	.88	1.00
	1040	490	26.8	7.9	1.43	.67	.85	.99	25.8	7.6	1.62	.68	.87	1.00	24.4	7.2	1.83	.70	.89	1.00	23.0	6.7	2.06	.72	.92	1.00
71°F (22°C)	920	435	27.8	8.1	1.43	.48	.63	.79	26.6	7.8	1.62	.48	.65	.81	25.4	7.4	1.83	.49	.66	.83	24.0	7.0	2.07	.50	.68	.85
	1040	490	28.2	8.3	1.44	.49	.66	.83	27.2	8.0	1.63	.49	.67	.85	25.8	7.6	1.84	.50	.69	.87	24.4	7.2	2.08	.51	.71	.90
COOLING CAPACITY - 13ACD-024 with TXV																										**[CR33-24B-F + G61MPV-36B-045]**
63°F (17°C)	840	395	24.4	7.2	1.41	.81	.96	1.00	23.4	6.9	1.60	.83	.98	1.00	22.4	6.6	1.81	.85	1.00	1.00	21.2	6.2	2.05	.87	1.00	1.00
	945	445	25.0	7.3	1.42	.85	.99	1.00	24.0	7.0	1.60	.87	1.00	1.00	23.0	6.7	1.81	.89	1.00	1.00	21.8	6.4	2.05	.92	1.00	1.00
67°F (19°C)	840	395	26.0	7.6	1.42	.63	.79	.93	24.8	7.3	1.61	.64	.80	.95	23.6	6.9	1.82	.66	.82	.98	22.2	6.5	2.06	.67	.85	.99
	945	445	26.4	7.7	1.43	.65	.82	.97	25.4	7.4	1.61	.67	.84	.99	24.0	7.0	1.82	.68	.86	1.00	22.8	6.7	2.06	.70	.89	1.00
71°F (22°C)	840	395	27.4	8.0	1.43	.47	.62	.76	26.2	7.7	1.62	.48	.63	.78	25.0	7.3	1.83	.48	.64	.80	23.6	6.9	2.07	.49	.66	.82
	945	445	28.0	8.2	1.43	.48	.64	.80	26.8	7.9	1.62	.49	.66	.82	25.4	7.4	1.83	.50	.67	.84	24.2	7.1	2.07	.50	.69	.87

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		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - 13ACD-024 with TXV																										**[CR33-24B-F + G61MPV-36B-070] [CR33-24B-F + G71MPP-36B-070]**
63°F (17°C)	830	390	24.4	7.2	1.41	.81	.96	1.00	23.4	6.9	1.60	.82	.98	1.00	22.2	6.5	1.81	.84	.99	1.00	21.2	6.2	2.05	.87	1.00	1.00
	930	440	25.0	7.3	1.42	.84	.99	1.00	24.0	7.0	1.60	.86	1.00	1.00	22.8	6.7	1.81	.88	1.00	1.00	21.8	6.4	2.05	.91	1.00	1.00
67°F (19°C)	830	390	25.8	7.6	1.42	.63	.78	.93	24.8	7.3	1.61	.64	.80	.95	23.6	6.9	1.82	.65	.82	.97	22.2	6.5	2.06	.67	.84	.99
	930	440	26.4	7.7	1.43	.65	.82	.97	25.2	7.4	1.61	.66	.84	.98	24.0	7.0	1.82	.68	.86	1.00	22.6	6.6	2.06	.69	.88	1.00
71°F (22°C)	830	390	27.2	8.0	1.43	.47	.62	.76	26.2	7.7	1.62	.47	.63	.78	25.0	7.3	1.83	.48	.64	.80	23.6	6.9	2.07	.49	.66	.82
	930	440	27.8	8.1	1.43	.48	.64	.79	26.6	7.8	1.62	.49	.65	.81	25.4	7.4	1.83	.49	.67	.83	24.0	7.0	2.07	.50	.68	.86
COOLING CAPACITY - 13ACD-024 with TXV or RFC system																										**[CR33-30/36B-F + G60DFV-36B-090]**
63°F (17°C)	920	435	25.2	7.4	1.42	.84	1.00	1.00	24.2	7.1	1.61	.86	1.00	1.00	23.2	6.8	1.82	.89	1.00	1.00	22.2	6.5	2.05	.91	1.00	1.00
	1040	490	26.0	7.6	1.42	.88	1.00	1.00	25.0	7.3	1.61	.90	1.00	1.00	24.0	7.0	1.82	.93	1.00	1.00	22.8	6.7	2.06	.96	1.00	1.00
67°F (19°C)	920	435	26.6	7.8	1.43	.65	.82	.97	25.4	7.4	1.61	.66	.84	.99	24.4	7.2	1.82	.68	.86	1.00	23.0	6.7	2.06	.69	.89	1.00
	1040	490	27.2	8.0	1.43	.68	.86	1.00	26.0	7.6	1.62	.69	.88	1.00	24.6	7.2	1.83	.71	.91	1.00	23.4	6.9	2.06	.73	.94	1.00
71°F (22°C)	920	435	28.2	8.3	1.44	.48	.64	.80	27.0	7.9	1.62	.48	.65	.82	25.6	7.5	1.84	.49	.67	.84	24.4	7.2	2.07	.50	.68	.87
	1040	490	28.8	8.4	1.44	.49	.67	.84	27.4	8.0	1.63	.50	.68	.86	26.0	7.6	1.84	.50	.70	.88	24.8	7.3	2.08	.51	.72	.91
COOLING CAPACITY - 13ACD-024 with TXV or RFC system																										**[CR33-30/36B-F + G61MPV-36B-045]**
63°F (17°C)	840	395	24.8	7.3	1.42	.82	.97	1.00	23.8	7.0	1.60	.84	.99	1.00	22.6	6.6	1.81	.86	1.00	1.00	21.6	6.3	2.05	.88	1.00	1.00
	945	445	25.4	7.4	1.42	.86	1.00	1.00	24.6	7.2	1.61	.87	1.00	1.00	23.4	6.9	1.82	.90	1.00	1.00	22.4	6.6	2.06	.93	1.00	1.00
67°F (19°C)	840	395	26.2	7.7	1.43	.64	.79	.94	25.2	7.4	1.61	.65	.81	.97	24.0	7.0	1.82	.66	.83	.99	22.6	6.6	2.06	.68	.86	1.00
	945	445	26.8	7.9	1.43	.66	.83	.98	25.6	7.5	1.61	.67	.85	1.00	24.4	7.2	1.83	.69	.88	1.00	23.0	6.7	2.06	.71	.90	1.00
71°F (22°C)	840	395	27.8	8.1	1.43	.47	.62	.77	26.6	7.8	1.62	.48	.63	.79	25.2	7.4	1.83	.48	.65	.81	24.0	7.0	2.07	.49	.66	.83
	945	445	28.4	8.3	1.44	.49	.65	.81	27.0	7.9	1.63	.49	.66	.83	25.8	7.6	1.84	.50	.68	.85	24.4	7.2	2.07	.51	.70	.88
COOLING CAPACITY - 13ACD-024 with TXV or RFC system																										**[CR33-30/36B-F + G61MPV-36B-070] [CR33-30/36B-F + G71MPP-36B-070]**
63°F (17°C)	830	390	24.8	7.3	1.42	.81	.97	1.00	23.8	7.0	1.60	.83	.99	1.00	22.6	6.6	1.81	.85	1.00	1.00	21.6	6.3	2.05	.88	1.00	1.00
	930	440	25.4	7.4	1.42	.85	1.00	1.00	24.4	7.2	1.60	.87	1.00	1.00	23.4	6.9	1.82	.89	1.00	1.00	22.2	6.5	2.05	.92	1.00	1.00
67°F (19°C)	830	390	26.2	7.7	1.42	.63	.79	.94	25.0	7.3	1.61	.64	.81	.96	24.0	7.0	1.82	.66	.83	.98	22.6	6.6	2.06	.67	.85	1.00
	930	440	26.8	7.9	1.43	.66	.83	.98	25.6	7.5	1.61	.67	.85	.99	24.4	7.2	1.83	.68	.87	1.00	23.0	6.7	2.06	.70	.90	1.00
71°F (22°C)	830	390	27.6	8.1	1.43	.47	.62	.77	26.6	7.8	1.62	.48	.63	.78	25.2	7.4	1.83	.48	.65	.80	23.8	7.0	2.07	.49	.66	.83
	930	440	28.2	8.3	1.44	.48	.64	.80	27.0	7.9	1.62	.49	.66	.82	25.8	7.6	1.84	.50	.67	.84	24.4	7.2	2.08	.50	.69	.87

HORIZONTAL INDOOR COILS

COOLING CAPACITY - 13ACD-024 with TXV or RFC system																										**[CH33-36A/B/C-2F]**
63°F (17°C)	700	330	23.8	7.0	1.41	.77	.91	1.00	22.6	6.6	1.59	.78	.93	1.00	21.6	6.3	1.80	.80	.95	1.00	20.4	6.0	2.04	.82	.98	1.00
	800	380	24.2	7.1	1.41	.80	.95	1.00	23.2	6.8	1.60	.81	.97	1.00	22.0	6.4	1.81	.83	1.00	1.00	21.0	6.2	2.05	.86	1.00	1.00
	900	425	24.8	7.3	1.42	.83	.99	1.00	23.8	7.0	1.60	.85	1.00	1.00	22.8	6.7	1.81	.87	1.00	1.00	21.6	6.3	2.05	.90	1.00	1.00
67°F (19°C)	700	330	25.2	7.4	1.42	.61	.74	.87	24.2	7.1	1.60	.62	.75	.89	23.0	6.7	1.81	.63	.77	.91	21.8	6.4	2.05	.64	.79	.94
	800	380	25.8	7.6	1.42	.63	.77	.91	24.8	7.3	1.61	.64	.79	.94	23.6	6.9	1.82	.65	.81	.97	22.4	6.6	2.06	.66	.83	.99
	900	425	26.4	7.7	1.43	.65	.80	.96	25.2	7.4	1.61	.66	.82	.98	24.0	7.0	1.82	.67	.84	1.00	22.8	6.7	2.06	.69	.87	1.00
71°F (22°C)	700	330	26.6	7.8	1.43	.46	.59	.71	25.4	7.4	1.61	.47	.60	.73	24.4	7.2	1.82	.47	.61	.75	23.0	6.7	2.06	.48	.62	.77
	800	380	27.4	8.0	1.43	.47	.61	.75	26.2	7.7	1.62	.48	.62	.76	25.0	7.3	1.83	.48	.63	.78	23.6	6.9	2.07	.49	.65	.81
	900	425	28.0	8.2	1.43	.48	.63	.78	26.8	7.9	1.62	.49	.64	.80	25.6	7.5	1.84	.49	.66	.82	24.2	7.1	2.07	.50	.68	.84

HORIZONTAL INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - 13ACD-024 with TXV or RFC system																										**[CH33-36A-2F + G60UHV-36A-070]**
63°F (17°C)	830	390	24.4	7.2	1.41	.80	.96	1.00	23.4	6.9	1.60	.81	.98	1.00	22.2	6.5	1.81	.83	1.00	1.00	21.0	6.2	2.05	.86	1.00	1.00
	915	430	24.8	7.3	1.42	.82	.99	1.00	23.8	7.0	1.60	.84	1.00	1.00	22.8	6.7	1.81	.86	1.00	1.00	21.6	6.3	2.05	.89	1.00	1.00
67°F (19°C)	830	390	26.0	7.6	1.42	.62	.77	.92	24.8	7.3	1.61	.63	.79	.94	23.6	6.9	1.82	.65	.81	.97	22.4	6.6	2.06	.66	.83	1.00
	915	430	26.4	7.7	1.42	.64	.80	.96	25.2	7.4	1.61	.65	.82	.98	24.0	7.0	1.82	.66	.84	1.00	22.8	6.7	2.06	.68	.87	1.00
71°F (22°C)	830	390	27.4	8.0	1.43	.47	.61	.75	26.2	7.7	1.62	.47	.62	.76	25.0	7.3	1.83	.48	.63	.78	23.8	7.0	2.07	.48	.65	.81
	915	430	28.0	8.2	1.43	.47	.63	.77	26.8	7.9	1.62	.48	.64	.79	25.4	7.4	1.84	.49	.65	.81	24.2	7.1	2.07	.49	.67	.84
COOLING CAPACITY - 13ACD-024 with TXV or RFC system																										**[CH33-36B-2F + G60UHV-36B-090]**
63°F (17°C)	825	390	24.6	7.2	1.41	.81	.97	1.00	23.6	6.9	1.60	.83	.99	1.00	22.4	6.6	1.81	.85	1.00	1.00	21.4	6.3	2.05	.87	1.00	1.00
	905	425	25.0	7.3	1.42	.83	1.00	1.00	24.0	7.0	1.60	.85	1.00	1.00	23.0	6.7	1.81	.87	1.00	1.00	22.0	6.4	2.05	.90	1.00	1.00
67°F (19°C)	825	390	26.0	7.6	1.42	.63	.79	.93	24.8	7.3	1.61	.64	.80	.96	23.6	6.9	1.82	.66	.82	.98	22.4	6.6	2.06	.67	.85	1.00
	905	425	26.4	7.7	1.43	.65	.81	.97	25.2	7.4	1.61	.66	.83	.99	24.0	7.0	1.82	.67	.85	1.00	22.8	6.7	2.06	.69	.88	1.00
71°F (22°C)	825	390	27.2	8.0	1.43	.47	.62	.76	26.0	7.6	1.62	.48	.63	.78	24.8	7.3	1.83	.48	.64	.80	23.6	6.9	2.07	.49	.66	.82
	905	425	27.6	8.1	1.43	.48	.64	.79	26.6	7.8	1.62	.48	.65	.81	25.4	7.4	1.83	.49	.66	.83	24.0	7.0	2.07	.50	.68	.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.

HORIZONTAL INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - 13ACD-024 with TXV or RFC system [CH33-36B-2F + G61MPV-36B-045]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	840	395	24.8	7.3	1.42	.82	.98	1.00	23.8	7.0	1.60	.83	1.00	1.00	22.6	6.6	1.81	.85	1.00	1.00	21.6	6.3	2.05	.88	1.00	1.00
	945	445	25.4	7.4	1.42	.85	1.00	1.00	24.4	7.2	1.60	.87	1.00	1.00	23.4	6.9	1.82	.89	1.00	1.00	22.4	6.6	2.06	.92	1.00	1.00
67°F (19°C)	840	395	26.0	7.6	1.42	.64	.79	.94	25.0	7.3	1.61	.65	.81	.97	23.8	7.0	1.82	.66	.83	.99	22.6	6.6	2.06	.68	.85	1.00
	945	445	26.6	7.8	1.43	.66	.83	.99	25.6	7.5	1.61	.67	.85	1.00	24.4	7.2	1.83	.69	.87	1.00	23.0	6.7	2.06	.70	.90	1.00
71°F (22°C)	840	395	27.2	8.0	1.43	.47	.62	.77	26.2	7.7	1.62	.48	.64	.79	25.0	7.3	1.83	.49	.65	.81	23.8	7.0	2.07	.49	.66	.83
	945	445	28.0	8.2	1.43	.49	.65	.80	26.8	7.9	1.62	.49	.66	.82	25.6	7.5	1.83	.50	.68	.85	24.2	7.1	2.07	.51	.69	.88

COOLING CAPACITY - 13ACD-024 with TXV or RFC system [CH33-36B-2F + G61MPV-36B-070] [CH33-36B-2F + G71MPP-36B-070]

63°F (17°C)	830	390	24.6	7.2	1.41	.81	.97	1.00	23.6	6.9	1.60	.83	.99	1.00	22.6	6.6	1.81	.85	1.00	1.00	21.4	6.3	2.05	.88	1.00	1.00
	930	440	25.2	7.4	1.42	.84	1.00	1.00	24.2	7.1	1.61	.86	1.00	1.00	23.2	6.8	1.82	.89	1.00	1.00	22.2	6.5	2.06	.92	1.00	1.00
67°F (19°C)	830	390	26.0	7.6	1.42	.63	.79	.94	24.8	7.3	1.61	.65	.81	.96	23.8	7.0	1.82	.66	.83	.99	22.4	6.6	2.06	.67	.85	1.00
	930	440	26.6	7.8	1.43	.65	.82	.98	25.4	7.4	1.61	.67	.84	1.00	24.2	7.1	1.82	.68	.86	1.00	23.0	6.7	2.06	.70	.89	1.00
71°F (22°C)	830	390	27.2	8.0	1.43	.47	.62	.76	26.0	7.6	1.62	.48	.63	.78	24.8	7.3	1.83	.48	.65	.80	23.6	6.9	2.07	.49	.66	.83
	930	440	27.8	8.1	1.43	.48	.64	.80	26.8	7.9	1.62	.49	.66	.82	25.4	7.4	1.83	.50	.67	.84	24.2	7.1	2.07	.50	.69	.87

AIR HANDLERS

COOLING CAPACITY - 13ACD-024 with TXV [CB26UH-024-R]

63°F (17°C)	700	330	24.0	7.0	1.41	.77	.91	1.00	23.0	6.7	1.60	.78	.93	1.00	22.0	6.4	1.81	.80	.95	1.00	20.8	6.1	2.04	.82	.98	1.00
	800	380	24.6	7.2	1.42	.80	.95	1.00	23.6	6.9	1.60	.82	.97	1.00	22.6	6.6	1.81	.84	1.00	1.00	21.4	6.3	2.05	.86	1.00	1.00
	900	425	25.4	7.4	1.42	.83	.99	1.00	24.4	7.2	1.60	.85	1.00	1.00	23.4	6.9	1.82	.88	1.00	1.00	22.2	6.5	2.06	.90	1.00	1.00
67°F (19°C)	700	330	25.6	7.5	1.42	.61	.74	.87	24.4	7.2	1.61	.62	.76	.90	23.4	6.9	1.82	.63	.78	.92	22.2	6.5	2.06	.64	.80	.95
	800	380	26.2	7.7	1.42	.63	.78	.92	25.2	7.4	1.61	.64	.79	.94	24.0	7.0	1.82	.65	.81	.97	22.8	6.7	2.06	.67	.84	.99
	900	425	27.0	7.9	1.43	.65	.81	.96	25.8	7.6	1.62	.66	.83	.98	24.4	7.2	1.83	.68	.85	1.00	23.2	6.8	2.06	.69	.88	1.00
71°F (22°C)	700	330	27.0	7.9	1.43	.47	.60	.72	26.0	7.6	1.62	.47	.60	.73	24.8	7.3	1.83	.47	.62	.75	23.6	6.9	2.07	.48	.63	.77
	800	380	27.8	8.1	1.43	.48	.62	.75	26.6	7.8	1.62	.48	.63	.77	25.4	7.4	1.84	.48	.64	.79	24.2	7.1	2.07	.49	.65	.81
	900	425	28.6	8.4	1.44	.49	.64	.78	27.2	8.0	1.63	.49	.65	.81	26.0	7.6	1.84	.50	.66	.83	24.6	7.2	2.08	.50	.68	.85

COOLING CAPACITY - 13ACD-024 with TXV [CB30M-21/26]

63°F (17°C)	800	380	24.4	7.2	1.41	.81	.96	1.00	23.4	6.9	1.60	.82	.98	1.00	22.4	6.6	1.81	.85	1.00	1.00	21.2	6.2	2.05	.87	1.00	1.00
	900	425	25.0	7.3	1.42	.84	.99	1.00	24.0	7.0	1.60	.86	1.00	1.00	23.0	6.7	1.81	.88	1.00	1.00	22.0	6.4	2.05	.91	1.00	1.00
67°F (19°C)	800	380	26.0	7.6	1.42	.63	.78	.93	24.8	7.3	1.61	.64	.80	.95	23.6	6.9	1.82	.66	.82	.98	22.4	6.6	2.06	.67	.85	1.00
	900	425	26.4	7.7	1.43	.66	.82	.97	25.4	7.4	1.61	.67	.84	.99	24.2	7.1	1.82	.68	.86	1.00	22.8	6.7	2.06	.70	.89	1.00
71°F (22°C)	800	380	27.4	8.0	1.43	.48	.62	.76	26.2	7.7	1.62	.48	.63	.78	25.0	7.3	1.83	.49	.64	.80	23.8	7.0	2.07	.49	.66	.82
	900	425	28.0	8.2	1.44	.49	.64	.79	26.8	7.9	1.62	.49	.66	.81	25.6	7.5	1.84	.50	.67	.84	24.2	7.1	2.07	.51	.69	.86

COOLING CAPACITY - 13ACD-024 with TXV [CB30M-31]

63°F (17°C)	700	330	24.0	7.0	1.41	.78	.92	1.00	23.0	6.7	1.60	.79	.94	1.00	21.8	6.4	1.80	.81	.97	1.00	20.6	6.0	2.04	.83	.99	1.00
	800	380	24.6	7.2	1.41	.81	.97	1.00	23.6	6.9	1.60	.83	.99	1.00	22.4	6.6	1.81	.85	1.00	1.00	21.4	6.3	2.05	.88	1.00	1.00
	900	425	25.2	7.4	1.42	.85	1.00	1.00	24.4	7.2	1.60	.87	1.00	1.00	23.2	6.8	1.82	.89	1.00	1.00	22.2	6.5	2.06	.92	1.00	1.00
67°F (19°C)	700	330	25.4	7.4	1.42	.61	.75	.89	24.4	7.2	1.60	.62	.77	.91	23.2	6.8	1.82	.63	.78	.93	22.0	6.4	2.05	.65	.81	.96
	800	380	26.2	7.7	1.42	.63	.79	.94	25.0	7.3	1.61	.64	.80	.96	23.8	7.0	1.82	.66	.82	.98	22.4	6.6	2.06	.67	.85	1.00
	900	425	26.8	7.9	1.43	.66	.82	.98	25.6	7.5	1.61	.67	.84	1.00	24.2	7.1	1.83	.69	.87	1.00	23.0	6.7	2.06	.70	.90	1.00
71°F (22°C)	700	330	26.8	7.9	1.43	.46	.60	.73	25.8	7.6	1.62	.47	.61	.74	24.6	7.2	1.83	.47	.62	.76	23.2	6.8	2.06	.48	.63	.78
	800	380	27.6	8.1	1.43	.47	.62	.76	26.4	7.7	1.62	.48	.63	.78	25.2	7.4	1.83	.48	.64	.80	23.8	7.0	2.07	.49	.66	.82
	900	425	28.2	8.3	1.44	.49	.65	.80	27.0	7.9	1.62	.49	.66	.82	25.8	7.6	1.84	.50	.67	.84	24.4	7.2	2.07	.51	.69	.87

COOLING CAPACITY - 13ACD-024 with TXV [CB30M-41]

63°F (17°C)	800	380	24.8	7.3	1.41	.81	.97	1.00	23.6	6.9	1.60	.83	.99	1.00	22.6	6.6	1.81	.85	1.00	1.00	21.6	6.3	2.05	.88	1.00	1.00
	900	425	25.4	7.4	1.42	.85	1.00	1.00	24.4	7.2	1.61	.87	1.00	1.00	23.4	6.9	1.82	.89	1.00	1.00	22.2	6.5	2.06	.93	1.00	1.00
67°F (19°C)	800	380	26.2	7.7	1.42	.64	.79	.94	25.0	7.3	1.61	.65	.81	.96	23.8	7.0	1.82	.66	.83	.98	22.6	6.6	2.06	.68	.85	1.00
	900	425	26.8	7.9	1.43	.66	.83	.98	25.6	7.5	1.61	.67	.85	1.00	24.4	7.2	1.83	.69	.87	1.00	23.0	6.7	2.06	.70	.90	1.00
71°F (22°C)	800	380	27.8	8.1	1.43	.48	.62	.77	26.6	7.8	1.62	.48	.63	.78	25.2	7.4	1.83	.49	.65	.80	24.0	7.0	2.07	.49	.66	.83
	900	425	28.4	8.3	1.44	.49	.65	.80	27.2	8.0	1.63	.49	.66	.82	25.8	7.6	1.84	.50	.68	.85	24.4	7.2	2.08	.51	.69	.87

COOLING CAPACITY - 13ACD-024 with TXV [CBX32MV-036] [CBX40UHV-036]

63°F (17°C)	900	425	25.2	7.4	1.42	.84	1.00	1.00	24.4	7.2	1.60	.86	1.00	1.00	23.2	6.8	1.82	.89	1.00	1.00	22.2	6.5	2.05	.92	1.00	1.00
	975	460	25.8	7.6	1.42	.87	1.00	1.00	24.8	7.3	1.61	.89	1.00	1.00	23.8	7.0	1.82	.92	1.00	1.00	22.6	6.6	2.06	.95	1.00	1.00
67°F (19°C)	900	425	26.8	7.9	1.43	.65	.82	.98	25.6	7.5	1.61	.66	.84	1.00	24.2	7.1	1.83	.68	.86	1.00	23.0	6.7	2.06	.70	.89	1.00
	975	460	27.2	8.0	1.43	.67	.85	1.00	26.0	7.6	1.62	.68	.87	1.00	24.6	7.2	1.83	.70	.89	1.00	23.2	6.8	2.06	.72	.92	1.00
71°F (22°C)	900	425	28.2	8.3	1.44	.48	.64	.80	27.0	7.9	1.63	.49	.65	.82	25.8	7.6	1.84	.49	.67	.84	24.4	7.2	2.07	.50	.68	.87
	975	460	28.8	8.4	1.44	.49	.66	.82	27.4	8.0	1.63	.49	.67	.85	26.0	7.6	1.84	.50	.69	.87	24.6	7.2	2.08	.51	.71	.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 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		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - 13ACD-030 TXV or RFC System																										**[C33-25A/B]**
63°F (17°C)	875	415	29.4	8.6	1.71	.78	.92	1.00	28.2	8.3	1.92	.80	.94	1.00	26.8	7.9	2.15	.81	.97	1.00	25.4	7.4	2.41	.83	.99	1.00
	1000	470	30.2	8.9	1.71	.81	.96	1.00	29.0	8.5	1.92	.83	.98	1.00	27.6	8.1	2.16	.85	1.00	1.00	26.4	7.7	2.43	.87	1.00	1.00
	1125	530	31.0	9.1	1.72	.84	1.00	1.00	29.6	8.7	1.93	.86	1.00	1.00	28.6	8.4	2.17	.88	1.00	1.00	27.2	8.0	2.43	.91	1.00	1.00
67°F (19°C)	875	415	31.0	9.1	1.72	.62	.75	.88	29.8	8.7	1.93	.63	.77	.91	28.6	8.4	2.17	.64	.79	.93	27.0	7.9	2.43	.65	.81	.96
	1000	470	32.0	9.4	1.72	.64	.78	.92	30.6	9.0	1.94	.65	.80	.95	29.2	8.6	2.18	.66	.82	.98	27.8	8.1	2.44	.68	.85	1.00
	1125	530	32.6	9.6	1.73	.66	.81	.96	31.4	9.2	1.94	.67	.83	.99	29.8	8.7	2.18	.68	.86	1.00	28.2	8.3	2.45	.70	.88	1.00
71°F (22°C)	875	415	32.8	9.6	1.73	.48	.60	.73	31.6	9.3	1.95	.48	.62	.74	30.2	8.9	2.19	.48	.62	.76	28.8	8.4	2.45	.49	.64	.78
	1000	470	33.6	9.8	1.74	.49	.62	.75	32.4	9.5	1.95	.49	.64	.78	31.0	9.1	2.19	.50	.65	.80	29.6	8.7	2.46	.50	.66	.82
	1125	530	34.2	10.0	1.74	.50	.64	.79	33.0	9.7	1.96	.50	.66	.81	31.6	9.3	2.20	.51	.67	.83	30.2	8.9	2.47	.51	.69	.86
COOLING CAPACITY - 13ACD-030 with TXV																										**[C33-30A/B/C]**
63°F (17°C)	775	365	27.8	8.1	1.69	.75	.87	.99	26.8	7.9	1.90	.76	.89	1.00	25.8	7.6	2.14	.78	.92	1.00	24.6	7.2	2.40	.80	.94	1.00
	900	425	28.6	8.4	1.70	.78	.91	1.00	27.6	8.1	1.91	.79	.93	1.00	26.6	7.8	2.15	.81	.96	1.00	25.4	7.4	2.42	.83	.99	1.00
	1025	485	29.2	8.6	1.70	.80	.94	1.00	28.2	8.3	1.92	.82	.97	1.00	27.2	8.0	2.16	.84	.99	1.00	26.2	7.7	2.43	.87	1.00	1.00
67°F (19°C)	775	365	29.2	8.6	1.70	.61	.73	.84	28.2	8.3	1.92	.61	.74	.84	27.2	8.0	2.16	.62	.75	.88	26.0	7.6	2.42	.63	.77	.91
	900	425	30.2	8.9	1.71	.62	.75	.87	29.2	8.6	1.93	.63	.77	.89	28.0	8.2	2.16	.64	.79	.92	26.8	7.9	2.43	.66	.81	.95
	1025	485	31.0	9.1	1.72	.64	.78	.91	29.8	8.7	1.93	.65	.79	.94	28.8	8.4	2.17	.66	.81	.97	27.6	8.1	2.44	.68	.84	.99
71°F (22°C)	775	365	30.6	9.0	1.71	.48	.59	.70	29.6	8.7	1.93	.48	.60	.71	28.6	8.4	2.17	.48	.61	.73	27.4	8.0	2.44	.48	.62	.75
	900	425	31.6	9.3	1.72	.49	.61	.73	30.6	9.0	1.94	.48	.62	.74	29.4	8.6	2.18	.49	.63	.76	28.2	8.3	2.45	.50	.64	.78
	1025	485	32.4	9.5	1.73	.49	.62	.75	31.4	9.2	1.94	.49	.64	.77	30.2	8.9	2.18	.50	.65	.79	29.0	8.5	2.45	.50	.66	.81
COOLING CAPACITY - 13ACD-030 with RFC																										**[C33-30A/B/C]**
63°F (17°C)	900	425	28.4	8.3	1.70	.77	.90	1.00	27.6	8.1	1.91	.79	.93	1.00	26.4	7.7	2.15	.81	.95	1.00	25.4	7.4	2.41	.83	.98	1.00
67°F (19°C)	900	425	30.0	8.8	1.71	.62	.75	.87	29.0	8.5	1.92	.63	.76	.89	28.0	8.2	2.16	.64	.78	.92	26.8	7.9	2.43	.65	.80	.95
71°F (22°C)	900	425	31.4	9.2	1.72	.49	.61	.72	30.4	8.9	1.93	.49	.62	.74	29.4	8.6	2.18	.49	.63	.75	28.2	8.3	2.44	.49	.64	.77
COOLING CAPACITY - 13ACD-030 with TXV																										**[C33-31A/B]**
63°F (17°C)	875	415	30.2	8.9	1.71	.77	.91	1.00	29.0	8.5	1.92	.79	.94	1.00	27.6	8.1	2.16	.81	.96	1.00	26.2	7.7	2.42	.83	.99	1.00
	1000	470	31.2	9.1	1.72	.80	.95	1.00	29.8	8.7	1.93	.82	.98	1.00	28.4	8.3	2.17	.84	1.00	1.00	27.2	8.0	2.44	.86	1.00	1.00
	1125	530	31.8	9.3	1.72	.83	.99	1.00	30.6	9.0	1.94	.85	1.00	1.00	29.2	8.6	2.18	.88	1.00	1.00	28.0	8.2	2.45	.90	1.00	1.00
67°F (19°C)	875	415	31.8	9.3	1.72	.61	.75	.88	30.8	9.0	1.94	.63	.77	.90	29.4	8.6	2.18	.64	.78	.92	28.0	8.2	2.44	.65	.80	.95
	1000	470	32.8	9.6	1.73	.64	.78	.92	31.6	9.3	1.94	.65	.80	.94	30.2	8.9	2.19	.66	.82	.97	28.6	8.4	2.45	.67	.84	.99
	1125	530	33.6	9.8	1.74	.65	.81	.96	32.2	9.4	1.95	.65	.83	.98	30.8	9.0	2.19	.68	.85	1.00	29.2	8.6	2.46	.69	.87	1.00
71°F (22°C)	875	415	33.8	9.9	1.74	.47	.60	.72	32.4	9.5	1.95	.47	.60	.74	31.2	9.1	2.19	.48	.62	.75	29.6	8.7	2.46	.49	.63	.78
	1000	470	34.4	10.1	1.74	.48	.62	.75	33.2	9.7	1.96	.49	.63	.77	31.8	9.3	2.20	.49	.64	.79	30.4	8.9	2.47	.50	.66	.81
	1125	530	35.2	10.3	1.75	.49	.64	.78	33.8	9.9	1.96	.50	.65	.80	32.4	9.5	2.21	.50	.66	.82	31.0	9.1	2.47	.51	.68	.85
COOLING CAPACITY - 13ACD-030 with RFC																										**[C33-31A/B]**
63°F (17°C)	850	400	30.0	8.8	1.71	.76	.90	1.00	28.8	8.4	1.92	.78	.92	1.00	27.6	8.1	2.16	.80	.95	1.00	26.2	7.7	2.42	.82	.97	1.00
	1000	470	31.2	9.1	1.72	.80	.95	1.00	29.8	8.7	1.93	.82	.97	1.00	28.6	8.4	2.17	.84	.99	1.00	27.2	8.0	2.43	.86	1.00	1.00
	1150	545	32.0	9.4	1.72	.83	.99	1.00	30.6	9.0	1.93	.85	1.00	1.00	29.6	8.7	2.18	.88	1.00	1.00	28.2	8.3	2.45	.91	1.00	1.00
67°F (19°C)	850	400	31.6	9.3	1.72	.62	.74	.86	30.6	9.0	1.93	.61	.75	.89	29.2	8.6	2.17	.63	.77	.91	28.0	8.2	2.44	.64	.79	.94
	1000	470	32.8	9.6	1.73	.63	.77	.91	31.6	9.3	1.94	.65	.79	.94	30.2	8.9	2.18	.66	.82	.96	28.6	8.4	2.45	.67	.83	.99
	1150	545	33.8	9.9	1.73	.65	.81	.96	32.4	9.5	1.95	.66	.83	.98	30.8	9.0	2.19	.68	.85	1.00	29.4	8.6	2.46	.69	.88	1.00
71°F (22°C)	850	400	33.4	9.8	1.73	.48	.60	.71	32.2	9.4	1.95	.47	.60	.73	31.0	9.1	2.19	.48	.61	.75	29.6	8.7	2.46	.49	.63	.76
	1000	470	34.4	10.1	1.74	.48	.62	.75	33.2	9.7	1.95	.48	.63	.77	31.8	9.3	2.20	.49	.64	.79	30.4	8.9	2.47	.50	.66	.80
	1150	545	35.2	10.3	1.74	.49	.64	.78	34.0	10.0	1.96	.50	.65	.80	32.4	9.5	2.20	.51	.66	.83	31.0	9.1	2.47	.51	.68	.85
COOLING CAPACITY - 13ACD-030 with TXV																										**[C33-36A/B/C]**
63°F (17°C)	875	415	29.4	8.6	1.71	.79	.93	1.00	28.2	8.3	1.92	.80	.95	1.00	27.0	7.9	2.15	.82	.97	1.00	25.6	7.5	2.42	.84	.99	1.00
	1000	470	30.4	8.9	1.71	.82	.97	1.00	29.0	8.5	1.93	.83	.99	1.00	27.8	8.1	2.16	.85	1.00	1.00	26.6	7.8	2.43	.88	1.00	1.00
	1125	530	31.0	9.1	1.72	.84	.99	1.00	30.0	8.8	1.93	.86	1.00	1.00	28.8	8.4	2.17	.89	1.00	1.00	27.4	8.0	2.44	.92	1.00	1.00
67°F (19°C)	875	415	31.0	9.1	1.72	.63	.76	.89	29.8	8.7	1.93	.64	.78	.91	28.4	8.3	2.17	.65	.79	.94	27.0	7.9	2.43	.66	.81	.96
	1000	470	31.8	9.3	1.72	.64	.79	.93	30.6	9.0	1.94	.66	.81	.96	29.2	8.6	2.18	.67	.83	.98	27.8	8.1	2.44	.68	.85	1.00
	1125	530	32.4	9.5	1.73	.66	.82	.97	31.2	9.1	1.94	.67	.84	.99	29.8	8.7	2.18	.69	.86	1.00	28.4	8.3	2.45	.71	.89	1.00
71°F (22°C)	875	415	32.4	9.5	1.73	.48	.61	.74	31.2	9.1	1.94	.49	.62	.75	29.8	8.7	2.18	.49	.63	.77	28.6	8.4	2.45	.49	.64	.79
	1000	470	33.2	9.7	1.73	.49	.63	.77	32.0	9.4	1.95	.50	.64	.78	30.8	9.0	2.19	.50	.65	.80	29.4	8.6	2.46	.51	.67	.83
	1125	530	34.0	10.0	1.74	.50	.65	.80	32.8	9.6	1.95	.51	.66	.82	31.4	9.2	2.20	.51	.68	.84	30.0	8.8	2.46	.52	.69	.86
COOLING CAPACITY - 13ACD-030 with RFC																										**[C33-36A/B/C]**
63°F (17°C)	850	400	29.2	8.6	1.70	.78	.91	1.00	28.0	8.2	1.91	.79	.94	1.00	26.8	7.9	2.15	.81	.96	1.00	25.6	7.5	2.41	.83	.98	1.00
	1000	470	30.4	8.9	1.71	.81	.96	1.00	29.2	8.6	1.92	.83	.98	1.00	28.0	8.2	2.16	.85	1.00	1.00	26.6	7.8	2.43	.87	1.00	1.00
	1150	545	31.2	9.1	1.72	.85	.99	1.00	30.0	8.8	1.93	.87	1.00	1.00	29.0	8.5	2.17	.89	1.00	1.00	27.8	8.1	2.44	.92	1.00	1.00
67°F (19°C)	850	400	30.6	9.0	1.71	.62	.75	.88	29.6	8.7	1.93	.63	.77	.90	28.4	8.3	2.17	.64	.78	.92	27.0	7.9	2.43	.65	.80	.95
	1000	470	31.6	9.3	1.72	.64	.79	.92	30.6	9.0	1.93	.65	.80	.95	29.2	8.6	2.17	.67	.82	.97	28.0	8.2	2.44	.68	.85	1.00
	1150	545	32.4	9.5	1.73	.66	.82	.97	31.2	9.1	1.94	.68	.84	.99	30.0	8.8	2.18	.69	.87	1.00	28.6	8.4	2.45	.71	.89	1.00
71°F (22°C)	850	400	32.0	9.4	1.72	.48	.61	.73	31.0	9.1	1.94	.48	.62	.74	29.6	8.7	2.18	.49	.63	.76	28.4	8.3	2.45	.49	.64	.78
	1000	470	33.2	9.7	1.73	.49	.63	.76	32.0	9.4	1.95	.49	.64	.78	30.8	9.0	2.19	.50	.65	.80	29.4	8.6	2.46	.51	.67	.82
	1150	545	34.0	10.0	1.74	.50	.65	.80	32.8	9.6	1.95	.51	.66	.82	31.4	9.2	2.19	.51	.68	.84	30.0	8.8	2.46	.52	.69	.87

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

UP-FLOW INDOOR COILS

COOLING CAPACITY - 13ACD-030 with TXV [C33-38A/B]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	875	415	30.4	8.9	1.71	.78	.92	1.00	29.2	8.6	1.93	.80	.94	1.00	27.8	8.1	2.16	.82	.97	1.00	26.4	7.7	2.43	.83	.99	1.00
	1000	470	31.4	9.2	1.72	.81	.96	1.00	30.2	8.9	1.93	.83	.99	1.00	28.8	8.4	2.17	.85	1.00	1.00	27.4	8.0	2.44	.88	1.00	1.00
	1125	530	32.2	9.4	1.73	.84	1.00	1.00	31.0	9.1	1.94	.86	1.00	1.00	29.8	8.7	2.18	.89	1.00	1.00	28.4	8.3	2.45	.91	1.00	1.00
67°F (19°C)	875	415	32.2	9.4	1.73	.62	.75	.88	31.0	9.1	1.94	.63	.77	.91	29.6	8.7	2.18	.64	.79	.93	28.2	8.3	2.45	.65	.81	.96
	1000	470	33.2	9.7	1.73	.64	.79	.93	31.8	9.3	1.95	.65	.80	.95	30.4	8.9	2.19	.66	.83	.98	28.8	8.4	2.45	.67	.85	1.00
	1125	530	34.0	10.0	1.74	.65	.82	.97	32.4	9.5	1.95	.66	.84	.99	31.0	9.1	2.19	.68	.86	1.00	29.4	8.6	2.46	.70	.89	1.00
71°F (22°C)	875	415	34.0	10.0	1.74	.47	.60	.73	32.8	9.6	1.96	.47	.61	.75	31.4	9.2	2.20	.48	.63	.76	30.0	8.8	2.46	.49	.64	.78
	1000	470	34.8	10.2	1.74	.48	.63	.76	33.6	9.8	1.96	.49	.64	.78	32.2	9.4	2.20	.49	.65	.80	30.6	9.0	2.47	.50	.66	.82
	1125	530	35.6	10.4	1.75	.50	.65	.79	34.2	10.0	1.96	.50	.65	.81	32.8	9.6	2.21	.51	.67	.83	31.2	9.1	2.48	.51	.68	.86

COOLING CAPACITY - 13ACD-030 with RFC [C33-38A/B]

63°F (17°C)	850	400	30.4	8.9	1.71	.77	.91	1.00	29.2	8.6	1.92	.79	.93	1.00	27.8	8.1	2.16	.81	.95	1.00	26.4	7.7	2.42	.82	.98	1.00
	1000	470	31.6	9.3	1.72	.81	.96	1.00	30.2	8.9	1.93	.83	.98	1.00	28.8	8.4	2.17	.85	1.00	1.00	27.6	8.1	2.44	.87	1.00	1.00
	1150	545	32.2	9.4	1.72	.84	1.00	1.00	31.0	9.1	1.94	.86	1.00	1.00	30.0	8.8	2.18	.89	1.00	1.00	28.6	8.4	2.45	.92	1.00	1.00
67°F (19°C)	850	400	32.0	9.4	1.72	.61	.75	.87	30.8	9.0	1.94	.62	.76	.89	29.6	8.7	2.18	.63	.78	.92	28.2	8.3	2.44	.65	.80	.94
	1000	470	33.2	9.7	1.73	.64	.78	.92	31.8	9.3	1.94	.65	.80	.95	30.4	8.9	2.18	.66	.82	.97	28.8	8.4	2.45	.67	.84	1.00
	1150	545	34.2	10.0	1.74	.66	.82	.97	32.8	9.6	1.95	.67	.84	.99	31.2	9.1	2.19	.69	.86	1.00	29.6	8.7	2.46	.70	.89	1.00
71°F (22°C)	850	400	33.8	9.9	1.73	.48	.60	.72	32.6	9.6	1.95	.47	.61	.73	31.2	9.1	2.19	.48	.62	.75	29.8	8.7	2.46	.49	.63	.77
	1000	470	34.8	10.2	1.74	.48	.62	.76	33.4	9.8	1.96	.49	.64	.77	32.2	9.4	2.20	.49	.65	.79	30.6	9.0	2.47	.50	.66	.82
	1150	545	35.8	10.5	1.75	.49	.65	.79	34.4	10.1	1.97	.50	.66	.81	32.8	9.6	2.21	.51	.67	.83	31.4	9.2	2.48	.51	.69	.86

COOLING CAPACITY - 13ACD-030 with TXV [C33-42B]

63°F (17°C)	875	415	30.2	8.9	1.71	.77	.91	1.00	28.8	8.4	1.92	.79	.93	1.00	27.6	8.1	2.16	.80	.96	1.00	26.0	7.6	2.42	.82	.98	1.00
	1000	470	31.0	9.1	1.72	.80	.95	1.00	29.8	8.7	1.93	.81	.97	1.00	28.4	8.3	2.17	.84	1.00	1.00	27.0	7.9	2.43	.86	1.00	1.00
	1125	530	31.8	9.3	1.72	.83	.98	1.00	30.4	8.9	1.94	.85	1.00	1.00	29.2	8.6	2.18	.87	1.00	1.00	28.0	8.2	2.44	.90	1.00	1.00
67°F (19°C)	875	415	31.8	9.3	1.72	.61	.74	.87	30.6	9.0	1.94	.62	.76	.89	29.4	8.6	2.18	.63	.78	.92	28.0	8.2	2.44	.64	.80	.95
	1000	470	32.8	9.6	1.73	.63	.78	.91	31.4	9.2	1.94	.64	.79	.94	30.0	8.8	2.18	.65	.81	.96	28.6	8.4	2.45	.67	.83	.99
	1125	530	33.6	9.8	1.74	.65	.80	.95	32.0	9.4	1.95	.66	.82	.97	30.6	9.0	2.19	.67	.84	1.00	29.0	8.5	2.45	.69	.87	1.00
71°F (22°C)	875	415	33.6	9.8	1.74	.47	.60	.72	32.4	9.5	1.95	.47	.60	.73	31.0	9.1	2.19	.48	.62	.75	29.6	8.7	2.46	.48	.63	.77
	1000	470	34.4	10.1	1.74	.48	.62	.75	33.2	9.7	1.96	.49	.63	.77	31.8	9.3	2.20	.49	.64	.78	30.4	8.9	2.47	.50	.65	.81
	1125	530	35.2	10.3	1.75	.49	.63	.78	33.8	9.9	1.96	.50	.65	.80	32.4	9.5	2.21	.50	.66	.81	31.0	9.1	2.48	.51	.68	.84

COOLING CAPACITY - 13ACD-030 with RFC [C33-42B]

63°F (17°C)	850	400	30.0	8.8	1.71	.76	.90	1.00	28.8	8.4	1.92	.77	.92	1.00	27.4	8.0	2.16	.80	.94	1.00	26.0	7.6	2.42	.81	.97	1.00
	1000	470	31.0	9.1	1.72	.80	.94	1.00	29.8	8.7	1.93	.81	.97	1.00	28.4	8.3	2.17	.83	.99	1.00	27.0	7.9	2.43	.86	1.00	1.00
	1150	545	32.0	9.4	1.72	.83	.98	1.00	30.6	9.0	1.93	.85	1.00	1.00	29.4	8.6	2.17	.87	1.00	1.00	28.2	8.3	2.44	.90	1.00	1.00
67°F (19°C)	850	400	31.6	9.3	1.72	.61	.74	.86	30.4	8.9	1.93	.61	.75	.88	29.2	8.6	2.17	.63	.76	.90	27.8	8.1	2.44	.64	.78	.93
	1000	470	32.8	9.6	1.73	.63	.77	.91	31.4	9.2	1.94	.64	.79	.93	30.2	8.9	2.18	.65	.81	.96	28.6	8.4	2.45	.66	.83	.98
	1150	545	33.6	9.8	1.73	.65	.80	.95	32.4	9.5	1.95	.66	.82	.98	30.8	9.0	2.19	.67	.85	1.00	29.2	8.6	2.46	.69	.87	1.00
71°F (22°C)	850	400	33.4	9.8	1.73	.48	.60	.71	32.2	9.4	1.95	.47	.60	.72	30.8	9.0	2.19	.48	.61	.74	29.6	8.7	2.46	.48	.62	.76
	1000	470	34.2	10.0	1.74	.48	.62	.75	33.2	9.7	1.95	.48	.63	.76	31.8	9.3	2.20	.49	.64	.78	30.4	8.9	2.47	.50	.65	.80
	1150	545	35.2	10.3	1.74	.49	.64	.78	33.8	9.9	1.96	.49	.65	.80	32.4	9.5	2.20	.50	.66	.82	31.0	9.1	2.47	.51	.68	.84

UP-FLOW INDOOR COIL WITH GAS FURNACES

COOLING CAPACITY - 13ACD-030 with TXV [C33-25A + G60UHV-36A-070]

63°F (17°C)	830	390	29.0	8.5	1.70	.76	.90	1.00	27.8	8.1	1.91	.77	.92	1.00	26.4	7.7	2.15	.79	.94	1.00	25.0	7.3	2.41	.81	.97	1.00
	1000	470	30.2	8.9	1.71	.80	.95	1.00	28.8	8.4	1.92	.82	.98	1.00	27.6	8.1	2.16	.84	1.00	1.00	26.2	7.7	2.42	.87	1.00	1.00
	1115	525	30.8	9.0	1.72	.83	.99	1.00	29.4	8.6	1.93	.85	1.00	1.00	28.4	8.3	2.17	.87	1.00	1.00	27.0	7.9	2.43	.90	1.00	1.00
67°F (19°C)	830	390	30.6	9.0	1.72	.61	.74	.86	29.4	8.6	1.93	.61	.75	.88	28.2	8.3	2.17	.62	.77	.91	26.8	7.9	2.43	.63	.79	.93
	1000	470	31.8	9.3	1.72	.63	.77	.92	30.6	9.0	1.94	.64	.80	.94	29.2	8.6	2.17	.65	.81	.97	27.6	8.1	2.44	.67	.84	1.00
	1115	525	32.4	9.5	1.73	.65	.80	.96	31.2	9.1	1.94	.66	.83	.98	29.8	8.7	2.18	.67	.85	1.00	28.2	8.3	2.45	.69	.87	1.00
71°F (22°C)	830	390	32.4	9.5	1.73	.46	.59	.71	31.2	9.1	1.94	.47	.60	.73	29.8	8.7	2.18	.47	.61	.74	28.4	8.3	2.45	.48	.62	.76
	1000	470	33.6	9.8	1.73	.48	.62	.75	32.4	9.5	1.95	.48	.63	.76	31.0	9.1	2.19	.49	.64	.79	29.4	8.6	2.46	.49	.65	.81
	1115	525	34.2	10.0	1.74	.49	.63	.78	33.0	9.7	1.96	.49	.65	.80	31.6	9.3	2.20	.50	.66	.82	30.0	8.8	2.46	.50	.68	.85

COOLING CAPACITY - 13ACD-030 with RFC [C33-25A + G60UHV-36A-070]

63°F (17°C)	830	390	29.0	8.5	1.70	.76	.89	1.00	27.8	8.1	1.91	.77	.92	1.00	26.6	7.8	2.15	.79	.94	1.00	25.2	7.4	2.41	.81	.97	1.00
	1000	470	30.2	8.9	1.71	.80	.95	1.00	29.0	8.5	1.92	.82	.97	1.00	27.6	8.1	2.16	.84	1.00	1.00	26.4	7.7	2.42	.86	1.00	1.00
	1115	525	30.8	9.0	1.71	.83	.98	1.00	29.6	8.7	1.93	.85	1.00	1.00	28.4	8.3	2.17	.87	1.00	1.00	27.2	8.0	2.43	.90	1.00	1.00
67°F (19°C)	830	390	30.6	9.0	1.71	.61	.73	.86	29.4	8.6	1.92	.61	.75	.88	28.2	8.3	2.16	.62	.76	.90	26.8	7.9	2.43	.63	.78	.93
	1000	470	31.8	9.3	1.72	.63	.77	.91	30.6	9.0	1.93	.64	.79	.94	29.2	8.6	2.17	.65	.81	.97	27.8	8.1	2.44	.67	.83	.99
	1115	525	32.6	9.6	1.73	.65	.80	.95	31.2	9.1	1.94	.66	.82	.97	29.8	8.7	2.18	.67	.84	1.00	28.4	8.3	2.45	.69	.87	1.00
71°F (22°C)	830	390	32.2	9.4	1.72	.47	.59	.71	31.2	9.1	1.94	.47	.60	.72	30.0	8.8	2.18	.47	.61	.74	28.6	8.4	2.45	.48	.62	.76
	1000	470	33.4	9.8	1.73	.48	.62	.75	32.2	9.4	1.95	.48	.62	.77	31.0	9.1	2.19	.49	.64	.79	29.6	8.7	2.46	.49	.65	.81
	1115	525	34.0	10.0	1.73	.49	.63	.77	32.8	9.6	1.95	.49	.65	.79	31.6	9.3	2.20	.50	.66	.82	30.0	8.8	2.46	.50	.67	.84

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

UP-FLOW INDOOR COIL WITH GAS FURNACES

COOLING CAPACITY - 13ACD-030 with TXV

[C33-25B + G60UHV-36B-090]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	825	390	29.0	8.5	1.70	.76	.89	1.00	27.8	8.1	1.91	.77	.92	1.00	26.4	7.7	2.15	.79	.94	1.00	25.0	7.3	2.41	.81	.97	1.00
	1005	475	30.2	8.9	1.71	.80	.95	1.00	28.8	8.4	1.92	.82	.98	1.00	27.6	8.1	2.16	.84	1.00	1.00	26.2	7.7	2.42	.87	1.00	1.00
	1110	525	30.8	9.0	1.72	.83	.99	1.00	29.6	8.7	1.93	.85	1.00	1.00	28.2	8.3	2.17	.87	1.00	1.00	27.0	7.9	2.43	.90	1.00	1.00
67°F (19°C)	825	390	30.6	9.0	1.71	.60	.73	.86	29.4	8.6	1.93	.61	.75	.88	28.0	8.2	2.17	.62	.76	.90	26.6	7.8	2.43	.63	.78	.93
	1005	475	31.8	9.3	1.72	.63	.77	.92	30.6	9.0	1.94	.64	.80	.94	29.2	8.6	2.17	.65	.81	.97	27.6	8.1	2.44	.67	.84	1.00
	1110	525	32.4	9.5	1.73	.65	.80	.95	31.2	9.1	1.94	.66	.82	.98	29.6	8.7	2.18	.67	.85	1.00	28.2	8.3	2.45	.69	.87	1.00
71°F (22°C)	825	390	32.4	9.5	1.73	.46	.59	.71	31.2	9.1	1.94	.47	.60	.72	29.8	8.7	2.18	.47	.60	.74	28.4	8.3	2.45	.47	.62	.76
	1005	475	33.6	9.8	1.73	.47	.62	.75	32.4	9.5	1.95	.48	.63	.76	31.0	9.1	2.19	.48	.64	.79	29.4	8.6	2.46	.49	.65	.81
	1110	525	34.0	10.0	1.74	.48	.63	.78	32.8	9.6	1.96	.49	.65	.80	31.6	9.3	2.20	.49	.66	.82	30.0	8.8	2.46	.50	.67	.85

COOLING CAPACITY - 13ACD-030 with RFC

[C33-25B + G60UHV-36B-090]

63°F (17°C)	825	390	29.0	8.5	1.70	.76	.89	1.00	27.8	8.1	1.91	.77	.91	1.00	26.6	7.8	2.15	.79	.93	1.00	25.2	7.4	2.41	.81	.96	1.00
	1005	475	30.2	8.9	1.71	.80	.95	1.00	29.0	8.5	1.92	.82	.97	1.00	27.6	8.1	2.16	.84	1.00	1.00	26.4	7.7	2.42	.86	1.00	1.00
	1110	525	30.8	9.0	1.71	.82	.98	1.00	29.6	8.7	1.93	.84	1.00	1.00	28.4	8.3	2.16	.87	1.00	1.00	27.0	7.9	2.43	.89	1.00	1.00
67°F (19°C)	825	390	30.6	9.0	1.71	.60	.73	.86	29.4	8.6	1.92	.61	.74	.87	28.2	8.3	2.16	.62	.76	.90	26.8	7.9	2.43	.63	.78	.93
	1005	475	31.8	9.3	1.72	.63	.77	.91	30.6	9.0	1.93	.64	.79	.94	29.2	8.6	2.17	.65	.81	.96	27.8	8.1	2.44	.66	.83	.99
	1110	525	32.4	9.5	1.72	.64	.80	.95	31.2	9.1	1.94	.66	.82	.97	29.8	8.7	2.18	.67	.84	1.00	28.4	8.3	2.45	.68	.87	1.00
71°F (22°C)	825	390	32.2	9.4	1.72	.46	.58	.71	31.2	9.1	1.94	.46	.60	.72	29.8	8.7	2.18	.47	.60	.73	28.6	8.4	2.45	.47	.62	.75
	1005	475	33.4	9.8	1.73	.48	.62	.75	32.2	9.4	1.95	.48	.62	.77	31.0	9.1	2.19	.48	.64	.79	29.6	8.7	2.46	.49	.65	.81
	1110	525	34.0	10.0	1.73	.49	.63	.77	32.8	9.6	1.95	.49	.64	.79	31.4	9.2	2.19	.49	.66	.81	30.0	8.8	2.46	.50	.67	.84

COOLING CAPACITY - 13ACD-030 with TXV

[C33-25B + G61MPV-36B-045]

63°F (17°C)	945	445	29.8	8.7	1.71	.79	.94	1.00	28.6	8.4	1.92	.81	.96	1.00	27.2	8.0	2.16	.83	.99	1.00	25.8	7.6	2.42	.85	1.00	1.00
	1050	495	30.4	8.9	1.71	.82	.97	1.00	29.2	8.6	1.93	.84	.99	1.00	27.8	8.1	2.16	.86	1.00	1.00	26.6	7.8	2.43	.88	1.00	1.00
	1185	560	31.2	9.1	1.72	.85	1.00	1.00	30.0	8.8	1.93	.87	1.00	1.00	28.8	8.4	2.17	.90	1.00	1.00	27.6	8.1	2.44	.92	1.00	1.00
67°F (19°C)	945	445	31.4	9.2	1.72	.63	.76	.90	30.2	8.9	1.93	.63	.78	.93	28.8	8.4	2.17	.64	.80	.95	27.4	8.0	2.44	.66	.82	.98
	1050	495	32.2	9.4	1.73	.64	.79	.94	30.8	9.0	1.94	.65	.81	.96	29.4	8.6	2.18	.66	.83	.99	28.0	8.2	2.44	.68	.86	1.00
	1185	560	33.0	9.7	1.73	.66	.82	.98	31.6	9.3	1.95	.67	.84	1.00	30.2	8.9	2.19	.69	.87	1.00	28.6	8.4	2.45	.71	.90	1.00
71°F (22°C)	945	445	33.2	9.7	1.73	.48	.61	.74	32.0	9.4	1.95	.48	.62	.76	30.6	9.0	2.19	.48	.63	.78	29.2	8.6	2.45	.49	.64	.80
	1050	495	33.8	9.9	1.74	.48	.62	.76	32.6	9.6	1.95	.49	.64	.79	31.2	9.1	2.20	.49	.65	.81	29.6	8.7	2.46	.50	.67	.83
	1185	560	34.6	10.1	1.74	.49	.65	.80	33.2	9.7	1.96	.50	.66	.82	31.8	9.3	2.20	.51	.68	.84	30.4	8.9	2.47	.51	.69	.87

COOLING CAPACITY - 13ACD-030 with RFC

[C33-25B + G61MPV-36B-045]

63°F (17°C)	945	445	30.0	8.8	1.71	.78	.93	1.00	28.6	8.4	1.92	.80	.96	1.00	27.4	8.0	2.15	.83	.98	1.00	26.0	7.6	2.42	.85	1.00	1.00
	1050	495	30.6	9.0	1.71	.81	.97	1.00	29.2	8.6	1.92	.83	.99	1.00	28.0	8.2	2.16	.85	1.00	1.00	26.8	7.9	2.43	.88	1.00	1.00
	1185	560	31.2	9.1	1.72	.84	1.00	1.00	30.0	8.8	1.93	.86	1.00	1.00	28.8	8.4	2.17	.89	1.00	1.00	27.6	8.1	2.44	.92	1.00	1.00
67°F (19°C)	945	445	31.6	9.3	1.72	.62	.76	.90	30.2	8.9	1.93	.63	.78	.92	29.0	8.5	2.17	.65	.80	.94	27.6	8.1	2.44	.66	.82	.97
	1050	495	32.2	9.4	1.72	.64	.79	.93	31.0	9.1	1.94	.65	.81	.96	29.6	8.7	2.18	.66	.83	.98	28.0	8.2	2.44	.68	.85	1.00
	1185	560	33.0	9.7	1.73	.66	.82	.97	31.6	9.3	1.94	.67	.84	.99	30.2	8.9	2.18	.69	.86	1.00	28.6	8.4	2.45	.70	.89	1.00
71°F (22°C)	945	445	33.2	9.7	1.73	.47	.61	.74	32.0	9.4	1.95	.48	.62	.75	30.6	9.0	2.19	.48	.63	.77	29.2	8.6	2.46	.49	.64	.79
	1050	495	33.6	9.8	1.73	.48	.62	.76	32.6	9.6	1.95	.49	.63	.78	31.2	9.1	2.19	.49	.65	.80	29.8	8.7	2.46	.50	.66	.82
	1185	560	34.4	10.1	1.74	.49	.65	.79	33.2	9.7	1.95	.50	.66	.81	31.8	9.3	2.20	.51	.67	.84	30.4	8.9	2.47	.51	.69	.86

COOLING CAPACITY - 13ACD-030 with TXV

[C33-25B + G61MPV-36B-070]
[C33-25B + G71MPP-36B-070]

63°F (17°C)	830	390	29.0	8.5	1.70	.76	.90	1.00	27.8	8.1	1.91	.77	.92	1.00	26.4	7.7	2.15	.79	.94	1.00	25.0	7.3	2.41	.81	.97	1.00
	1010	475	30.2	8.9	1.71	.81	.96	1.00	29.0	8.5	1.92	.82	.98	1.00	27.6	8.1	2.16	.84	1.00	1.00	26.4	7.7	2.42	.87	1.00	1.00
	1155	545	31.0	9.1	1.72	.84	1.00	1.00	29.8	8.7	1.93	.86	1.00	1.00	28.6	8.4	2.17	.89	1.00	1.00	27.4	8.0	2.44	.91	1.00	1.00
67°F (19°C)	830	390	30.6	9.0	1.72	.61	.74	.86	29.4	8.6	1.93	.61	.75	.88	28.2	8.3	2.17	.62	.77	.91	26.8	7.9	2.43	.63	.79	.93
	1010	475	31.8	9.3	1.72	.63	.77	.92	30.6	9.0	1.94	.65	.80	.94	29.2	8.6	2.18	.65	.82	.97	27.6	8.1	2.44	.67	.84	1.00
	1155	545	32.8	9.6	1.73	.66	.82	.97	31.4	9.2	1.94	.67	.84	.99	30.0	8.8	2.18	.68	.86	1.00	28.4	8.3	2.45	.70	.89	1.00
71°F (22°C)	830	390	32.4	9.5	1.73	.47	.59	.71	31.2	9.1	1.94	.47	.60	.73	29.8	8.7	2.18	.47	.61	.74	28.4	8.3	2.45	.48	.62	.76
	1010	475	33.6	9.8	1.74	.48	.62	.75	32.4	9.5	1.95	.48	.63	.77	31.0	9.1	2.19	.49	.64	.79	29.6	8.7	2.46	.49	.66	.82
	1155	545	34.4	10.1	1.74	.49	.64	.79	33.2	9.7	1.96	.50	.66	.81	31.8	9.3	2.20	.50	.67	.83	30.2	8.9	2.47	.51	.69	.86

COOLING CAPACITY - 13ACD-030 with RFC

[C33-25B + G61MPV-36B-070]
[C33-25B + G71MPP-36B-070]

63°F (17°C)	830	390	29.0	8.5	1.70	.76	.89	1.00	27.8	8.1	1.91	.77	.92	1.00	26.6	7.8	2.15	.79	.94	1.00	25.2	7.4	2.41	.81	.97	1.00
	1010	475	30.2	8.9	1.71	.80	.95	1.00	29.0	8.5	1.92	.82	.98	1.00	27.6	8.1	2.16	.84	1.00	1.00	26.4	7.7	2.43	.86	1.00	1.00
	1155	545	31.2	9.1	1.72	.83	.99	1.00	29.8	8.7	1.93	.86	1.00	1.00	28.6	8.4	2.17	.88	1.00	1.00	27.4	8.0	2.44	.91	1.00	1.00
67°F (19°C)	830	390	30.6	9.0	1.71	.61	.74	.86	29.4	8.6	1.92	.61	.75	.88	28.2	8.3	2.16	.62	.76	.90	26.8	7.9	2.43	.63	.78	.93
	1010	475	32.0	9.4	1.72	.63	.78	.92	30.6	9.0	1.94	.64	.80	.94	29.2	8.6	2.17	.65	.82	.97	27.8	8.1	2.44	.67	.84	.99
	1155	545	32.8	9.6	1.73	.65	.81	.96	31.4	9.2	1.94	.67	.83	.99	30.0	8.8	2.18	.68	.85	1.00	28.6	8.4	2.45	.70	.88	1.00
71°F (22°C)	830	390	32.2	9.4	1.72	.47	.59	.71	31.2	9.1	1.94	.47	.60	.72	29.8	8.7	2.18	.47	.61	.74	28.6	8.4	2.45	.48	.62	.76
	1010	475	33.4	9.8	1.73	.48	.62	.75	32.4	9.5	1.95	.48	.63	.77	31.0	9.1	2.19	.49	.64	.79	29.6	8.7	2.46	.49	.65	.81
	1155	545	34.2	10.0	1.74	.49	.64	.78	33.0	9.7	1.95	.49	.65	.81	31.6	9.3	2.20	.50	.67	.83	30.2	8.9	2.46	.51	.68	.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

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - 13ACD-030 with TXV																										**[C33-30A + G60UHV-36A-070]**
63°F (17°C)	830	390	28.0	8.2	1.69	.75	.88	.99	27.0	7.9	1.91	.77	.91	1.00	26.0	7.6	2.15	.79	.93	1.00	24.8	7.3	2.41	.81	.96	1.00
	1000	470	29.0	8.5	1.70	.79	.93	1.00	28.2	8.3	1.92	.81	.96	1.00	27.0	7.9	2.16	.83	.99	1.00	26.0	7.6	2.42	.86	1.00	1.00
	1115	525	29.6	8.7	1.71	.81	.96	1.00	28.8	8.4	1.92	.83	.99	1.00	27.8	8.1	2.16	.86	1.00	1.00	26.8	7.9	2.43	.89	1.00	1.00
67°F (19°C)	830	390	29.6	8.7	1.71	.61	.73	.85	28.6	8.4	1.92	.62	.74	.87	27.6	8.1	2.16	.62	.76	.89	26.4	7.7	2.43	.64	.78	.92
	1000	470	30.8	9.0	1.72	.63	.76	.90	29.6	8.7	1.93	.64	.78	.92	28.6	8.4	2.17	.65	.80	.95	27.4	8.0	2.44	.66	.83	.98
	1115	525	31.2	9.1	1.72	.64	.79	.93	30.2	8.9	1.93	.65	.81	.96	29.0	8.5	2.17	.67	.83	.98	27.8	8.1	2.44	.68	.86	1.00
71°F (22°C)	830	390	31.0	9.1	1.72	.47	.59	.71	30.0	8.8	1.93	.47	.60	.72	28.8	8.4	2.17	.47	.61	.74	27.6	8.1	2.44	.48	.62	.75
	1000	470	32.2	9.4	1.72	.49	.62	.74	31.2	9.1	1.94	.49	.63	.76	30.0	8.8	2.18	.49	.64	.78	28.8	8.4	2.45	.49	.65	.80
	1115	525	32.8	9.6	1.73	.49	.63	.76	31.8	9.3	1.95	.50	.64	.78	30.6	9.0	2.19	.50	.65	.80	29.4	8.6	2.46	.51	.67	.83
COOLING CAPACITY - 13ACD-030 with RFC																										**[C33-30A + G60UHV-36A-070]**
63°F (17°C)	915	430	28.4	8.3	1.70	.77	.90	1.00	27.6	8.1	1.91	.78	.93	1.00	26.4	7.7	2.15	.80	.95	1.00	25.4	7.4	2.41	.82	.98	1.00
	1000	470	28.8	8.4	1.70	.78	.92	1.00	28.0	8.2	1.91	.80	.95	1.00	27.0	7.9	2.15	.82	.98	1.00	26.0	7.6	2.42	.85	1.00	1.00
	1115	525	29.4	8.6	1.70	.80	.95	1.00	28.6	8.4	1.92	.83	.98	1.00	27.6	8.1	2.16	.85	1.00	1.00	26.6	7.8	2.43	.88	1.00	1.00
67°F (19°C)	915	430	30.0	8.8	1.71	.62	.74	.87	29.0	8.5	1.92	.63	.76	.89	28.0	8.2	2.16	.64	.78	.91	26.8	7.9	2.43	.65	.80	.94
	1000	470	30.6	9.0	1.71	.63	.76	.89	29.6	8.7	1.92	.64	.78	.91	28.4	8.3	2.17	.65	.80	.94	27.2	8.0	2.43	.66	.82	.97
	1115	525	31.2	9.1	1.72	.64	.78	.92	30.0	8.8	1.93	.65	.80	.95	29.0	8.5	2.17	.66	.82	.98	27.8	8.1	2.44	.68	.85	.99
71°F (22°C)	915	430	31.4	9.2	1.72	.48	.60	.72	30.4	8.9	1.93	.48	.61	.73	29.4	8.6	2.17	.48	.62	.75	28.2	8.3	2.44	.49	.63	.77
	1000	470	32.0	9.4	1.72	.48	.61	.73	31.0	9.1	1.94	.49	.62	.75	29.8	8.7	2.18	.49	.63	.77	28.6	8.4	2.45	.49	.65	.79
	1115	525	32.6	9.6	1.73	.49	.63	.76	31.6	9.3	1.94	.50	.64	.77	30.4	8.9	2.19	.50	.65	.80	29.2	8.6	2.45	.51	.67	.82
COOLING CAPACITY - 13ACD-030 with TXV																										**[C33-30B + G60UHV-36B-090]**
63°F (17°C)	825	390	28.0	8.2	1.69	.75	.88	.99	27.0	7.9	1.91	.77	.90	1.00	26.0	7.6	2.14	.78	.93	1.00	24.8	7.3	2.41	.80	.96	1.00
	1005	475	29.0	8.5	1.70	.79	.93	1.00	28.2	8.3	1.92	.81	.96	1.00	27.0	7.9	2.16	.83	.98	1.00	26.0	7.6	2.42	.86	1.00	1.00
	1110	525	29.6	8.7	1.71	.81	.96	1.00	28.6	8.4	1.92	.83	.98	1.00	27.8	8.1	2.16	.85	1.00	1.00	26.6	7.8	2.43	.89	1.00	1.00
67°F (19°C)	825	390	29.6	8.7	1.71	.61	.73	.84	28.6	8.4	1.92	.61	.73	.87	27.4	8.0	2.16	.62	.76	.89	26.4	7.7	2.42	.63	.78	.92
	1005	475	30.8	9.0	1.72	.63	.76	.90	29.6	8.7	1.93	.64	.78	.92	28.6	8.4	2.17	.65	.80	.95	27.4	8.0	2.44	.66	.83	.98
	1110	525	31.2	9.1	1.72	.64	.78	.93	30.2	8.9	1.93	.65	.80	.95	29.0	8.5	2.18	.66	.83	.98	27.8	8.1	2.44	.68	.85	1.00
71°F (22°C)	825	390	30.8	9.0	1.72	.47	.59	.70	30.0	8.8	1.93	.47	.60	.72	28.8	8.4	2.17	.47	.61	.73	27.6	8.1	2.44	.47	.62	.75
	1005	475	32.2	9.4	1.72	.48	.61	.74	31.2	9.1	1.94	.48	.62	.76	30.0	8.8	2.18	.49	.64	.78	28.8	8.4	2.45	.49	.65	.80
	1110	525	32.8	9.6	1.73	.49	.63	.76	31.8	9.3	1.95	.49	.64	.78	30.6	9.0	2.19	.50	.65	.80	29.2	8.6	2.46	.50	.67	.83
COOLING CAPACITY - 13ACD-030 with RFC																										**[C33-30B + G60UHV-36B-090]**
63°F (17°C)	905	425	28.4	8.3	1.70	.76	.90	1.00	27.4	8.0	1.91	.78	.92	1.00	26.4	7.7	2.15	.80	.95	1.00	25.4	7.4	2.41	.82	.98	1.00
	1005	475	28.8	8.4	1.70	.78	.92	1.00	28.0	8.2	1.91	.80	.95	1.00	27.0	7.9	2.15	.82	.98	1.00	26.0	7.6	2.42	.85	1.00	1.00
	1110	525	29.4	8.6	1.70	.80	.95	1.00	28.6	8.4	1.92	.82	.98	1.00	27.6	8.1	2.16	.85	1.00	1.00	26.6	7.8	2.43	.87	1.00	1.00
67°F (19°C)	905	425	29.8	8.7	1.71	.61	.74	.86	29.0	8.5	1.92	.62	.76	.88	28.0	8.2	2.16	.63	.77	.91	26.8	7.9	2.43	.64	.79	.94
	1005	475	30.6	9.0	1.71	.63	.76	.89	29.6	8.7	1.92	.64	.78	.91	28.4	8.3	2.17	.65	.80	.94	27.2	8.0	2.43	.66	.82	.97
	1110	525	31.0	9.1	1.71	.63	.78	.92	30.0	8.8	1.93	.65	.80	.94	29.0	8.5	2.17	.66	.82	.97	27.8	8.1	2.44	.68	.85	.99
71°F (22°C)	905	425	31.4	9.2	1.72	.48	.60	.72	30.4	8.9	1.93	.48	.61	.73	29.4	8.6	2.17	.48	.62	.75	28.0	8.2	2.44	.48	.63	.77
	1005	475	32.0	9.4	1.72	.48	.61	.73	31.0	9.1	1.94	.48	.62	.75	29.8	8.7	2.18	.49	.63	.77	28.6	8.4	2.45	.49	.65	.79
	1110	525	32.6	9.6	1.73	.49	.62	.75	31.6	9.3	1.94	.49	.63	.77	30.4	8.9	2.18	.50	.65	.79	29.2	8.6	2.45	.50	.66	.82
COOLING CAPACITY - 13ACD-030 with TXV																										**[C33-30B + G61MPV-36B-045]**
63°F (17°C)	945	445	28.8	8.4	1.70	.78	.92	1.00	27.8	8.1	1.91	.80	.94	1.00	26.8	7.9	2.15	.82	.97	1.00	25.6	7.5	2.42	.84	.99	1.00
	1050	495	29.4	8.6	1.70	.80	.95	1.00	28.4	8.3	1.92	.82	.97	1.00	27.4	8.0	2.16	.84	.99	1.00	26.4	7.7	2.43	.87	1.00	1.00
	1185	560	30.0	8.8	1.71	.83	.98	1.00	29.2	8.6	1.93	.85	1.00	1.00	28.2	8.3	2.17	.88	1.00	1.00	27.2	8.0	2.43	.91	1.00	1.00
67°F (19°C)	945	445	30.4	8.9	1.71	.62	.75	.88	29.4	8.6	1.93	.63	.77	.90	28.2	8.3	2.17	.64	.79	.93	27.0	7.9	2.43	.66	.81	.97
	1050	495	31.0	9.1	1.72	.64	.78	.91	30.0	8.8	1.93	.65	.79	.94	28.8	8.4	2.17	.66	.81	.97	27.6	8.1	2.44	.67	.84	.99
	1185	560	31.6	9.3	1.72	.65	.80	.95	30.6	9.0	1.94	.67	.82	.97	29.4	8.6	2.18	.68	.85	.99	28.2	8.3	2.45	.70	.88	1.00
71°F (22°C)	945	445	31.8	9.3	1.72	.48	.61	.73	30.8	9.0	1.94	.48	.62	.75	29.6	8.7	2.18	.49	.63	.76	28.4	8.3	2.45	.49	.64	.79
	1050	495	32.4	9.5	1.73	.49	.62	.75	31.4	9.2	1.94	.49	.63	.77	30.2	8.9	2.19	.50	.65	.79	29.0	8.5	2.46	.50	.66	.81
	1185	560	33.2	9.7	1.73	.50	.64	.78	32.0	9.4	1.95	.50	.65	.80	31.0	9.1	2.19	.51	.67	.82	29.6	8.7	2.46	.51	.68	.85
COOLING CAPACITY - 13ACD-030 with RFC																										**[C33-30B + G61MPV-36B-045]**
63°F (17°C)	945	445	28.6	8.4	1.70	.77	.91	1.00	27.6	8.1	1.91	.79	.94	1.00	26.6	7.8	2.15	.81	.96	1.00	25.6	7.5	2.42	.83	.99	1.00
	1050	495	29.2	8.6	1.70	.80	.94	1.00	28.2	8.3	1.92	.81	.97	1.00	27.2	8.0	2.15	.84	.99	1.00	26.4	7.7	2.42	.86	1.00	1.00
	1185	560	29.8	8.7	1.71	.82	.97	1.00	29.0	8.5	1.92	.84	.99	1.00	28.2	8.3	2.16	.87	1.00	1.00	27.2	8.0	2.43	.90	1.00	1.00
67°F (19°C)	945	445	30.2	8.9	1.71	.62	.75	.88	29.2	8.6	1.92	.63	.77	.90	28.2	8.3	2.16	.64	.79	.93	27.0	7.9	2.43	.65	.81	.96
	1050	495	30.8	9.0	1.71	.63	.77	.90	29.8	8.7	1.93	.64	.79	.93	28.8	8.4	2.17	.66	.81	.96	27.6	8.1	2.44	.67	.83	.98
	1185	560	31.4	9.2	1.72	.65	.79	.94	30.4	8.9	1.93	.66	.82	.97	29.2	8.6	2.18	.68	.84	.99	28.0	8.2	2.44	.69	.87	1.00
71°F (22°C)	945	445	31.6	9.3	1.72	.48	.61	.72	30.6	9.0	1.93	.48	.62	.74	29.6	8.7	2.18	.49	.63	.76	28.4	8.3	2.45	.49	.64	.78
	1050	495	32.2	9.4	1.72	.49	.62	.74	31.4	9.2	1.94	.49	.63	.76	30.2	8.9	2.18	.50	.64	.78	29.0	8.5	2.45	.50	.66	.81
	1185	560	33.0	9.7	1.73	.50	.63	.77	31.8	9.3	1.94	.50	.65	.79	30.8	9.0	2.19	.51	.66	.81	29.6	8.7	2.46	.51	.68	.84

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

UP-FLOW INDOOR COIL WITH GAS FURNACES

COOLING CAPACITY - 13ACD-030 with TXV

[C33-30B + G61MPV-36B-070]
[C33-30B + G71MPP-36B-070]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	830	390	28.0	8.2	1.69	.75	.88	.99	27.0	7.9	1.91	.77	.91	1.00	26.0	7.6	2.15	.79	.93	1.00	24.8	7.3	2.41	.81	.96	1.00
	1010	475	29.0	8.5	1.70	.79	.94	1.00	28.2	8.3	1.92	.81	.96	1.00	27.2	8.0	2.16	.83	.99	1.00	26.0	7.6	2.42	.86	1.00	1.00
	1155	545	29.8	8.7	1.71	.82	.97	1.00	29.0	8.5	1.92	.84	.99	1.00	28.0	8.2	2.17	.87	1.00	1.00	27.0	7.9	2.43	.90	1.00	1.00
67°F (19°C)	830	390	29.6	8.7	1.71	.61	.73	.85	29.2	8.6	1.93	.62	.76	.87	27.6	8.1	2.16	.63	.76	.89	26.4	7.7	2.43	.64	.78	.92
	1010	475	30.8	9.0	1.72	.63	.77	.90	29.8	8.7	1.93	.64	.78	.92	28.6	8.4	2.17	.65	.80	.95	27.4	8.0	2.44	.67	.83	.98
	1155	545	31.4	9.2	1.72	.65	.79	.94	30.4	8.9	1.94	.66	.81	.97	29.2	8.6	2.18	.67	.84	.99	28.0	8.2	2.44	.69	.87	1.00
71°F (22°C)	830	390	31.0	9.1	1.72	.47	.59	.71	30.0	8.8	1.93	.47	.60	.72	29.0	8.5	2.17	.47	.61	.74	27.6	8.1	2.44	.48	.62	.75
	1010	475	32.2	9.4	1.73	.49	.62	.74	31.2	9.1	1.94	.49	.63	.76	30.0	8.8	2.18	.49	.64	.78	28.8	8.4	2.45	.50	.65	.80
	1155	545	33.0	9.7	1.73	.49	.64	.77	32.0	9.4	1.95	.50	.65	.79	30.8	9.0	2.19	.50	.66	.81	29.4	8.6	2.46	.51	.68	.84

COOLING CAPACITY - 13ACD-030 with RFC

[C33-30B + G61MPV-36B-070]
[C33-30B + G71MPP-36B-070]

63°F (17°C)	830	390	27.8	8.1	1.69	.75	.88	.99	27.0	7.9	1.90	.77	.90	1.00	26.0	7.6	2.14	.78	.92	1.00	24.8	7.3	2.41	.80	.95	1.00
	1010	475	29.0	8.5	1.70	.79	.93	1.00	28.0	8.2	1.91	.81	.95	1.00	27.0	7.9	2.15	.82	.98	1.00	26.0	7.6	2.42	.85	1.00	1.00
	1155	545	29.6	8.7	1.70	.81	.96	1.00	28.8	8.4	1.92	.83	.99	1.00	28.0	8.2	2.16	.86	1.00	1.00	27.0	7.9	2.43	.89	1.00	1.00
67°F (19°C)	830	390	29.4	8.6	1.70	.61	.73	.84	28.6	8.4	1.92	.61	.74	.86	27.4	8.0	2.16	.62	.76	.89	26.4	7.7	2.42	.63	.78	.91
	1010	475	30.6	9.0	1.71	.63	.76	.89	29.6	8.7	1.93	.64	.78	.92	28.6	8.4	2.17	.65	.80	.95	27.4	8.0	2.43	.66	.82	.98
	1155	545	31.4	9.2	1.72	.64	.79	.93	30.2	8.9	1.93	.66	.81	.96	29.2	8.6	2.17	.67	.83	.98	28.0	8.2	2.44	.69	.86	1.00
71°F (22°C)	830	390	30.8	9.0	1.71	.47	.59	.70	29.8	8.7	1.93	.48	.60	.72	28.8	8.4	2.17	.48	.61	.73	27.6	8.1	2.44	.48	.62	.75
	1010	475	32.0	9.4	1.72	.49	.61	.74	31.0	9.1	1.94	.49	.62	.75	30.0	8.8	2.18	.49	.64	.77	28.8	8.4	2.45	.50	.65	.80
	1155	545	32.6	9.6	1.73	.49	.63	.76	31.8	9.3	1.94	.50	.64	.78	30.6	9.0	2.19	.50	.66	.81	29.4	8.6	2.46	.51	.67	.83

COOLING CAPACITY - 13ACD-030 with TXV

[C33-36A + G60UHV-36A-070]

63°F (17°C)	830	390	29.0	8.5	1.70	.77	.90	1.00	27.8	8.1	1.91	.78	.92	1.00	26.6	7.8	2.15	.80	.95	1.00	25.2	7.4	2.41	.82	.98	1.00
	1000	470	30.2	8.9	1.71	.81	.96	1.00	29.0	8.5	1.92	.83	.98	1.00	27.8	8.1	2.16	.85	1.00	1.00	26.4	7.7	2.43	.87	1.00	1.00
	1115	525	31.0	9.1	1.72	.83	.99	1.00	29.6	8.7	1.93	.85	1.00	1.00	28.6	8.4	2.17	.88	1.00	1.00	27.2	8.0	2.44	.91	1.00	1.00
67°F (19°C)	830	390	30.4	8.9	1.71	.61	.74	.87	29.4	8.6	1.93	.62	.76	.89	28.0	8.2	2.17	.63	.77	.91	26.6	7.8	2.43	.64	.79	.94
	1000	470	31.6	9.3	1.72	.64	.79	.93	30.4	8.9	1.94	.65	.80	.95	29.2	8.6	2.18	.66	.82	.98	27.8	8.1	2.44	.67	.84	1.00
	1115	525	32.2	9.4	1.73	.65	.81	.96	31.0	9.1	1.94	.66	.83	.98	29.8	8.7	2.18	.68	.85	1.00	28.4	8.3	2.45	.69	.88	1.00
71°F (22°C)	830	390	31.8	9.3	1.72	.47	.60	.72	30.6	9.0	1.94	.47	.60	.73	29.4	8.6	2.18	.48	.61	.75	28.0	8.2	2.44	.48	.63	.77
	1000	470	33.2	9.7	1.73	.48	.62	.76	32.0	9.4	1.95	.49	.63	.78	30.6	9.0	2.19	.49	.65	.80	29.2	8.6	2.46	.50	.66	.82
	1115	525	33.8	9.9	1.74	.49	.64	.79	32.6	9.6	1.95	.49	.65	.81	31.2	9.1	2.20	.50	.67	.83	29.8	8.7	2.46	.51	.68	.85

COOLING CAPACITY - 13ACD-030 with RFC

[C33-36A + G60UHV-36A-070]

63°F (17°C)	830	390	29.0	8.5	1.70	.77	.90	1.00	27.8	8.1	1.91	.78	.92	1.00	26.6	7.8	2.15	.79	.94	1.00	25.2	7.4	2.41	.81	.97	1.00
	1000	470	30.2	8.9	1.71	.80	.95	1.00	29.0	8.5	1.92	.82	.98	1.00	27.8	8.1	2.16	.84	1.00	1.00	26.6	7.8	2.43	.87	1.00	1.00
	1115	525	31.0	9.1	1.71	.83	.98	1.00	29.8	8.7	1.93	.85	1.00	1.00	28.6	8.4	2.17	.87	1.00	1.00	27.4	8.0	2.43	.90	1.00	1.00
67°F (19°C)	830	390	30.4	8.9	1.71	.61	.74	.87	29.2	8.6	1.92	.62	.75	.89	28.2	8.3	2.16	.63	.77	.91	26.8	7.9	2.43	.64	.79	.94
	1000	470	31.6	9.3	1.72	.64	.78	.92	30.4	8.9	1.93	.65	.80	.94	29.2	8.6	2.17	.66	.82	.97	27.8	8.1	2.44	.67	.84	.99
	1115	525	32.2	9.4	1.72	.65	.81	.95	31.0	9.1	1.94	.66	.82	.98	29.8	8.7	2.18	.68	.85	1.00	28.4	8.3	2.45	.69	.87	1.00
71°F (22°C)	830	390	31.8	9.3	1.72	.47	.60	.72	30.6	9.0	1.93	.47	.60	.73	29.4	8.6	2.18	.47	.61	.74	28.2	8.3	2.44	.48	.62	.76
	1000	470	33.0	9.7	1.73	.48	.62	.76	31.8	9.3	1.94	.49	.63	.77	30.6	9.0	2.19	.49	.64	.79	29.2	8.6	2.45	.50	.66	.81
	1115	525	33.6	9.8	1.73	.49	.64	.78	32.6	9.6	1.95	.50	.65	.80	31.2	9.1	2.19	.50	.66	.82	29.8	8.7	2.46	.51	.68	.85

COOLING CAPACITY - 13ACD-030 with TXV

[C33-36B + G60UHV-36B-090]

63°F (17°C)	825	390	28.8	8.4	1.70	.76	.90	1.00	27.8	8.1	1.91	.78	.92	1.00	26.4	7.7	2.15	.79	.95	1.00	25.2	7.4	2.41	.81	.97	1.00
	1005	475	30.2	8.9	1.71	.81	.96	1.00	29.0	8.5	1.92	.83	.98	1.00	27.8	8.1	2.16	.85	1.00	1.00	26.4	7.7	2.43	.87	1.00	1.00
	1110	525	30.8	9.0	1.72	.83	.99	1.00	29.6	8.7	1.93	.85	1.00	1.00	28.6	8.4	2.17	.87	1.00	1.00	27.2	8.0	2.44	.90	1.00	1.00
67°F (19°C)	825	390	30.4	8.9	1.71	.61	.74	.87	29.2	8.6	1.93	.62	.75	.88	28.0	8.2	2.16	.63	.77	.91	26.6	7.8	2.43	.64	.79	.94
	1005	475	31.6	9.3	1.72	.64	.78	.93	30.4	8.9	1.94	.65	.80	.95	29.2	8.6	2.18	.66	.82	.97	27.8	8.1	2.44	.67	.84	1.00
	1110	525	32.2	9.4	1.73	.65	.81	.96	31.0	9.1	1.94	.66	.83	.98	29.8	8.7	2.18	.67	.85	1.00	28.2	8.3	2.45	.69	.87	1.00
71°F (22°C)	825	390	31.6	9.3	1.72	.47	.59	.72	30.6	9.0	1.94	.47	.60	.73	29.4	8.6	2.18	.47	.61	.74	28.0	8.2	2.44	.48	.62	.76
	1005	475	33.2	9.7	1.73	.48	.62	.76	32.0	9.4	1.95	.49	.63	.78	30.6	9.0	2.19	.49	.65	.79	29.2	8.6	2.46	.50	.66	.82
	1110	525	33.8	9.9	1.74	.49	.64	.78	32.6	9.6	1.95	.49	.65	.80	31.2	9.1	2.19	.50	.66	.82	29.8	8.7	2.46	.50	.68	.85

COOLING CAPACITY - 13ACD-030 with RFC

[C33-36B + G60UHV-36B-090]

63°F (17°C)	825	390	28.8	8.4	1.70	.76	.90	1.00	27.8	8.1	1.91	.78	.92	1.00	26.6	7.8	2.15	.79	.94	1.00	25.2	7.4	2.41	.81	.97	1.00
	1005	475	30.2	8.9	1.71	.80	.95	1.00	29.0	8.5	1.92	.82	.98	1.00	27.8	8.1	2.16	.84	1.00	1.00	26.6	7.8	2.43	.87	1.00	1.00
	1110	525	30.8	9.0	1.71	.83	.98	1.00	29.6	8.7	1.93	.85	1.00	1.00	28.6	8.4	2.17	.87	1.00	1.00	27.2	8.0	2.43	.90	1.00	1.00
67°F (19°C)	825	390	30.4	8.9	1.71	.61	.74	.86	29.2	8.6	1.92	.62	.75	.88	28.0	8.2	2.16	.62	.77	.90	26.8	7.9	2.43	.64	.79	.93
	1005	475	31.6	9.3	1.72	.64	.78	.92	30.4	8.9	1.93	.64	.80	.94	29.2	8.6	2.17	.66	.82	.97	27.8	8.1	2.44	.67	.84	.99
	1110	525	32.2	9.4	1.72	.65	.80	.95	31.0	9.1	1.94	.66	.82	.97	29.8	8.7	2.18	.67	.84	.99	28.4	8.3	2.45	.69	.87	1.00
71°F (22°C)	825	390	31.6	9.3	1.72	.47	.59	.71	30.6	9.0	1.93	.47	.60	.73	29.4	8.6	2.17	.47	.61	.74	28.0	8.2	2.44	.48	.62	.76
	1005	475	33.0	9.7	1.73	.48	.62	.76	31.8	9.3	1.94	.48	.63	.77	30.6	9.0	2.19	.49	.64	.79	29.2	8.6	2.45	.49	.66	.81
	1110	525	33.6	9.8	1.73	.49	.64	.78	32.4	9.5	1.95	.49	.65	.80	31.2	9.1	2.19	.50	.66	.82	29.8	8.7	2.46	.50	.68	.84

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		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - 13ACD-030 with TXV																										**[C33-36B + G61MPV-36B-045]**
63°F (17°C)	945	445	29.8	8.7	1.71	.79	.94	1.00	28.6	8.4	1.92	.81	.97	1.00	27.4	8.0	2.16	.83	.99	1.00	26.0	7.6	2.42	.85	1.00	1.00
	1050	495	30.6	9.0	1.71	.82	.97	1.00	29.4	8.6	1.93	.84	.99	1.00	28.2	8.3	2.17	.86	1.00	1.00	26.8	7.9	2.43	.89	1.00	1.00
	1185	560	31.4	9.2	1.72	.85	1.00	1.00	30.2	8.9	1.93	.87	1.00	1.00	29.0	8.5	2.17	.90	1.00	1.00	27.8	8.1	2.44	.93	1.00	1.00
67°F (19°C)	945	445	31.4	9.2	1.72	.63	.77	.91	30.2	8.9	1.93	.64	.79	.93	28.8	8.4	2.17	.65	.81	.96	27.4	8.0	2.44	.66	.83	.98
	1050	495	32.0	9.4	1.72	.65	.80	.94	30.8	9.0	1.94	.66	.82	.97	29.4	8.6	2.18	.67	.84	.99	28.0	8.2	2.44	.68	.86	1.00
	1185	560	32.6	9.6	1.73	.66	.83	.98	31.4	9.2	1.94	.68	.85	1.00	30.0	8.8	2.18	.69	.87	1.00	28.6	8.4	2.45	.71	.90	1.00
71°F (22°C)	945	445	32.8	9.6	1.73	.48	.62	.75	31.6	9.3	1.95	.48	.63	.76	30.2	8.9	2.19	.49	.64	.78	29.0	8.5	2.45	.49	.65	.80
	1050	495	33.4	9.8	1.73	.49	.63	.77	32.2	9.4	1.95	.49	.64	.79	31.0	9.1	2.19	.50	.66	.81	29.6	8.7	2.46	.50	.67	.83
	1185	560	34.2	10.0	1.74	.50	.65	.80	33.0	9.7	1.96	.50	.67	.82	31.6	9.3	2.20	.51	.68	.85	30.2	8.9	2.47	.52	.70	.87
COOLING CAPACITY - 13ACD-030 with RFC																										**[C33-36B + G61MPV-36B-045]**
63°F (17°C)	945	445	29.8	8.7	1.71	.79	.94	1.00	28.6	8.4	1.92	.81	.96	1.00	27.4	8.0	2.16	.83	.98	1.00	26.2	7.7	2.42	.85	1.00	1.00
	1050	495	30.6	9.0	1.71	.82	.97	1.00	29.4	8.6	1.92	.84	.99	1.00	28.2	8.3	2.16	.86	1.00	1.00	27.0	7.9	2.43	.88	1.00	1.00
	1185	560	31.4	9.2	1.72	.85	1.00	1.00	30.2	8.9	1.93	.87	1.00	1.00	29.0	8.5	2.17	.89	1.00	1.00	27.8	8.1	2.44	.92	1.00	1.00
67°F (19°C)	945	445	31.2	9.1	1.72	.63	.77	.90	30.2	8.9	1.93	.64	.78	.93	28.8	8.4	2.17	.65	.80	.95	27.6	8.1	2.44	.66	.82	.98
	1050	495	32.0	9.4	1.72	.64	.79	.94	30.8	9.0	1.94	.65	.81	.96	29.4	8.6	2.18	.67	.83	.98	28.2	8.3	2.44	.68	.86	1.00
	1185	560	32.6	9.6	1.73	.66	.82	.97	31.4	9.2	1.94	.67	.85	.99	30.0	8.8	2.18	.69	.87	1.00	28.6	8.4	2.45	.71	.89	1.00
71°F (22°C)	945	445	32.6	9.6	1.73	.48	.61	.74	31.6	9.3	1.94	.48	.62	.76	30.2	8.9	2.18	.49	.64	.78	29.0	8.5	2.45	.49	.65	.80
	1050	495	33.4	9.8	1.73	.49	.63	.77	32.2	9.4	1.95	.49	.64	.79	31.0	9.1	2.19	.50	.65	.81	29.6	8.7	2.46	.50	.67	.83
	1185	560	34.0	10.0	1.74	.50	.65	.80	32.8	9.6	1.95	.50	.66	.82	31.6	9.3	2.20	.51	.68	.84	30.2	8.9	2.47	.52	.69	.87
COOLING CAPACITY - 13ACD-030 with TXV																										**[C33-36B + G61MPV-36B-070]** **[C33-36B + G71MPP-36B-070]**
63°F (17°C)	830	390	29.0	8.5	1.70	.77	.90	1.00	27.8	8.1	1.91	.78	.92	1.00	26.6	7.8	2.15	.80	.95	1.00	25.2	7.4	2.41	.82	.98	1.00
	1010	475	30.2	8.9	1.71	.81	.96	1.00	29.0	8.5	1.92	.83	.98	1.00	27.8	8.1	2.16	.85	1.00	1.00	26.6	7.8	2.43	.87	1.00	1.00
	1155	545	31.2	9.1	1.72	.84	1.00	1.00	30.0	8.8	1.93	.86	1.00	1.00	28.8	8.4	2.17	.89	1.00	1.00	27.6	8.1	2.44	.92	1.00	1.00
67°F (19°C)	830	390	30.4	8.9	1.71	.61	.74	.87	29.4	8.6	1.93	.62	.76	.89	28.0	8.2	2.17	.63	.77	.91	26.6	7.8	2.43	.64	.79	.94
	1010	475	31.8	9.3	1.72	.64	.79	.93	30.6	9.0	1.94	.65	.80	.95	29.2	8.6	2.18	.66	.82	.98	27.8	8.1	2.44	.67	.85	1.00
	1155	545	32.4	9.5	1.73	.66	.82	.97	31.2	9.1	1.94	.67	.84	.99	30.0	8.8	2.18	.69	.86	1.00	28.4	8.3	2.45	.70	.89	1.00
71°F (22°C)	830	390	31.8	9.3	1.72	.47	.60	.72	30.6	9.0	1.94	.47	.60	.73	29.4	8.6	2.18	.48	.61	.75	28.0	8.2	2.44	.48	.63	.77
	1010	475	33.2	9.7	1.73	.48	.63	.76	32.0	9.4	1.95	.49	.64	.78	30.6	9.0	2.19	.49	.65	.80	29.2	8.6	2.46	.50	.66	.82
	1155	545	34.0	10.0	1.74	.49	.65	.80	32.8	9.6	1.96	.50	.66	.82	31.4	9.2	2.20	.50	.67	.84	30.0	8.8	2.46	.51	.69	.86
COOLING CAPACITY - 13ACD-030 with RFC																										**[C33-36B + G61MPV-36B-070]** **[C33-36B + G71MPP-36B-070]**
63°F (17°C)	830	390	29.0	8.5	1.70	.77	.90	1.00	27.8	8.1	1.91	.78	.92	1.00	26.6	7.8	2.15	.79	.94	1.00	25.2	7.4	2.41	.81	.97	1.00
	1010	475	30.2	8.9	1.71	.81	.96	1.00	29.2	8.6	1.92	.82	.98	1.00	27.8	8.1	2.16	.84	1.00	1.00	26.6	7.8	2.43	.87	1.00	1.00
	1155	545	31.2	9.1	1.72	.84	.99	1.00	30.0	8.8	1.93	.86	1.00	1.00	28.8	8.4	2.17	.88	1.00	1.00	27.6	8.1	2.44	.91	1.00	1.00
67°F (19°C)	830	390	30.4	8.9	1.71	.61	.74	.87	29.2	8.6	1.92	.62	.75	.89	28.2	8.3	2.16	.63	.77	.91	26.8	7.9	2.43	.64	.79	.94
	1010	475	31.6	9.3	1.72	.64	.78	.92	30.4	8.9	1.93	.65	.80	.95	29.2	8.6	2.17	.66	.82	.97	27.8	8.1	2.44	.67	.84	.99
	1155	545	32.4	9.5	1.72	.66	.82	.96	31.2	9.1	1.94	.67	.84	.99	30.0	8.8	2.18	.68	.86	1.00	28.6	8.4	2.45	.70	.88	1.00
71°F (22°C)	830	390	31.8	9.3	1.72	.47	.60	.72	30.6	9.0	1.93	.47	.60	.73	29.4	8.6	2.18	.47	.61	.74	28.2	8.3	2.44	.48	.62	.76
	1010	475	33.2	9.7	1.73	.48	.62	.76	32.0	9.4	1.95	.49	.63	.78	30.6	9.0	2.19	.49	.65	.79	29.2	8.6	2.46	.50	.66	.82
	1155	545	34.0	10.0	1.74	.49	.65	.79	32.6	9.6	1.95	.50	.66	.81	31.4	9.2	2.19	.50	.67	.83	30.0	8.8	2.46	.51	.69	.86
COOLING CAPACITY - 13ACD-030 with TXV																										**[C33-38A + G60UHV-36A-070]**
63°F (17°C)	830	390	30.0	8.8	1.71	.75	.90	1.00	28.8	8.4	1.92	.78	.92	1.00	27.4	8.0	2.16	.79	.94	1.00	26.0	7.6	2.42	.81	.97	1.00
	1000	470	31.4	9.2	1.72	.80	.96	1.00	30.0	8.8	1.93	.82	.98	1.00	28.6	8.4	2.17	.84	1.00	1.00	27.4	8.0	2.44	.87	1.00	1.00
	1115	525	32.0	9.4	1.72	.83	.99	1.00	30.6	9.0	1.94	.85	1.00	1.00	29.6	8.7	2.18	.88	1.00	1.00	28.2	8.3	2.44	.90	1.00	1.00
67°F (19°C)	830	390	31.6	9.3	1.72	.61	.73	.86	30.6	9.0	1.94	.61	.75	.88	29.2	8.6	2.18	.62	.77	.91	27.8	8.1	2.44	.63	.79	.93
	1000	470	33.0	9.7	1.73	.63	.78	.92	31.8	9.3	1.95	.64	.80	.95	30.4	8.9	2.19	.66	.82	.97	28.8	8.4	2.45	.67	.84	1.00
	1115	525	33.8	9.9	1.74	.65	.81	.96	32.4	9.5	1.95	.66	.83	.98	30.8	9.0	2.19	.67	.85	1.00	29.2	8.6	2.46	.69	.88	1.00
71°F (22°C)	830	390	33.6	9.8	1.73	.46	.59	.71	32.2	9.4	1.95	.46	.60	.71	31.0	9.1	2.19	.47	.61	.74	29.6	8.7	2.46	.48	.62	.76
	1000	470	34.8	10.2	1.74	.47	.62	.76	33.6	9.8	1.96	.48	.63	.77	32.2	9.4	2.20	.49	.64	.79	30.6	9.0	2.47	.49	.65	.81
	1115	525	35.4	10.4	1.75	.48	.64	.78	34.0	10.0	1.96	.49	.64	.80	32.6	9.6	2.21	.50	.66	.82	31.0	9.1	2.47	.50	.68	.85
COOLING CAPACITY - 13ACD-030 with RFC																										**[C33-38A + G60UHV-36A-070]**
63°F (17°C)	830	390	30.0	8.8	1.71	.75	.89	1.00	28.8	8.4	1.92	.77	.91	1.00	27.4	8.0	2.16	.79	.94	1.00	26.2	7.7	2.42	.81	.97	1.00
	1000	470	31.4	9.2	1.72	.80	.95	1.00	30.2	8.9	1.93	.82	.98	1.00	28.8	8.4	2.17	.84	1.00	1.00	27.4	8.0	2.43	.86	1.00	1.00
	1115	525	32.0	9.4	1.72	.83	.99	1.00	30.6	9.0	1.93	.85	1.00	1.00	29.6	8.7	2.18	.87	1.00	1.00	28.4	8.3	2.44	.90	1.00	1.00
67°F (19°C)	830	390	31.6	9.3	1.72	.61	.73	.86	30.6	9.0	1.93	.60	.75	.88	29.2	8.6	2.17	.62	.77	.90	27.8	8.1	2.44	.63	.78	.93
	1000	470	33.0	9.7	1.73	.63	.77	.92	31.8	9.3	1.94	.64	.79	.94	30.4	8.9	2.18	.65	.81	.97	28.8	8.4	2.45	.67	.84	.99
	1115	525	33.8	9.9	1.73	.65	.80	.95	32.4	9.5	1.95	.65	.82	.98	31.0	9.1	2.19	.67	.84	1.00	29.4	8.6	2.46	.68	.87	1.00
71°F (22°C)	830	390	33.4	9.8	1.73	.47	.59	.71	32.2	9.4	1.95	.46	.59	.72	31.0	9.1	2.19	.47	.61	.74	29.6	8.7	2.46	.47	.62	.76
	1000	470	34.6	10.1	1.74	.47	.62	.75	33.4	9.8	1.96	.48	.63	.77	32.0	9.4	2.20	.49	.64	.79	30.6	9.0	2.47	.49	.65	.81
	1115	525	35.4	10.4	1.74	.48	.63	.78	34.0	10.0	1.96	.49	.65	.80	32.6	9.6	2.20	.50	.65	.82	31.0	9.1	2.47	.50	.67	.84

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

UP-FLOW INDOOR COIL WITH GAS FURNACES

COOLING CAPACITY - 13ACD-030 with TXV

[C33-38B + G60UHV-36B-090]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	825	390	30.0	8.8	1.71	.75	.89	1.00	28.8	8.4	1.92	.77	.92	1.00	27.4	8.0	2.16	.79	.94	1.00	25.8	7.6	2.42	.81	.97	1.00
	1005	475	31.4	9.2	1.72	.80	.96	1.00	30.0	8.8	1.93	.82	.98	1.00	28.6	8.4	2.17	.84	1.00	1.00	27.4	8.0	2.44	.87	1.00	1.00
	1110	525	32.0	9.4	1.72	.83	.99	1.00	30.6	9.0	1.94	.85	1.00	1.00	29.4	8.6	2.18	.87	1.00	1.00	28.2	8.3	2.44	.90	1.00	1.00
67°F (19°C)	825	390	31.6	9.3	1.72	.61	.73	.86	30.4	8.9	1.94	.61	.75	.88	29.2	8.6	2.18	.62	.76	.90	27.6	8.1	2.44	.63	.78	.93
	1005	475	33.0	9.7	1.73	.63	.78	.92	31.8	9.3	1.95	.64	.80	.95	30.4	8.9	2.19	.65	.82	.97	28.8	8.4	2.45	.67	.84	1.00
	1110	525	33.8	9.9	1.74	.65	.80	.96	32.4	9.5	1.95	.66	.82	.98	30.8	9.0	2.19	.67	.85	1.00	29.2	8.6	2.46	.69	.87	1.00
71°F (22°C)	825	390	33.4	9.8	1.73	.46	.59	.71	32.2	9.4	1.95	.46	.59	.71	30.8	9.0	2.19	.47	.61	.74	29.4	8.6	2.46	.47	.62	.76
	1005	475	34.8	10.2	1.74	.47	.62	.75	33.6	9.8	1.96	.48	.63	.77	32.2	9.4	2.20	.48	.64	.79	30.6	9.0	2.47	.49	.65	.81
	1110	525	35.4	10.4	1.75	.48	.63	.78	34.0	10.0	1.96	.49	.64	.80	32.6	9.6	2.20	.49	.65	.82	31.0	9.1	2.47	.50	.67	.84

COOLING CAPACITY - 13ACD-030 with RFC

[C33-38B + G60UHV-36B-090]

63°F (17°C)	825	390	30.0	8.8	1.71	.75	.89	1.00	28.8	8.4	1.92	.77	.91	1.00	27.4	8.0	2.16	.79	.94	1.00	26.0	7.6	2.42	.80	.96	1.00
	1005	475	31.4	9.2	1.72	.80	.95	1.00	30.2	8.9	1.93	.82	.98	1.00	28.8	8.4	2.17	.84	1.00	1.00	27.4	8.0	2.43	.86	1.00	1.00
	1110	525	32.0	9.4	1.72	.82	.98	1.00	30.6	9.0	1.93	.84	1.00	1.00	29.4	8.6	2.18	.86	1.00	1.00	28.2	8.3	2.44	.89	1.00	1.00
67°F (19°C)	825	390	31.6	9.3	1.72	.60	.73	.85	30.4	8.9	1.93	.60	.74	.88	29.2	8.6	2.17	.62	.76	.90	27.8	8.1	2.44	.63	.78	.92
	1005	475	33.0	9.7	1.73	.63	.77	.92	31.8	9.3	1.94	.64	.79	.94	30.4	8.9	2.18	.65	.81	.97	28.8	8.4	2.45	.66	.83	.99
	1110	525	33.8	9.9	1.73	.65	.80	.95	32.4	9.5	1.95	.66	.82	.97	30.8	9.0	2.19	.67	.84	1.00	29.4	8.6	2.46	.68	.87	1.00
71°F (22°C)	825	390	33.4	9.8	1.73	.46	.59	.70	32.2	9.4	1.95	.46	.59	.72	30.8	9.0	2.19	.47	.60	.74	29.4	8.6	2.46	.47	.62	.75
	1005	475	34.6	10.1	1.74	.47	.61	.75	33.4	9.8	1.96	.48	.63	.77	32.0	9.4	2.20	.49	.64	.79	30.6	9.0	2.47	.49	.64	.81
	1110	525	35.4	10.4	1.74	.47	.63	.77	34.0	10.0	1.96	.49	.64	.79	32.4	9.5	2.20	.49	.65	.82	31.0	9.1	2.47	.49	.67	.84

COOLING CAPACITY - 13ACD-030 with TXV

[C33-38B + G61MPV-36B-045]

63°F (17°C)	945	445	31.0	9.1	1.72	.79	.94	1.00	29.6	8.7	1.93	.81	.96	1.00	28.2	8.3	2.17	.83	.99	1.00	26.8	7.9	2.43	.85	1.00	1.00
	1050	495	31.8	9.3	1.72	.82	.97	1.00	30.4	8.9	1.93	.84	1.00	1.00	29.0	8.5	2.17	.86	1.00	1.00	27.8	8.1	2.44	.88	1.00	1.00
	1185	560	32.4	9.5	1.73	.85	1.00	1.00	31.4	9.2	1.94	.87	1.00	1.00	30.0	8.8	2.18	.90	1.00	1.00	28.8	8.4	2.45	.93	1.00	1.00
67°F (19°C)	945	445	32.6	9.6	1.73	.63	.77	.90	31.4	9.2	1.94	.64	.78	.93	30.0	8.8	2.18	.65	.80	.95	28.4	8.3	2.45	.66	.82	.98
	1050	495	33.4	9.8	1.73	.64	.79	.94	32.0	9.4	1.95	.65	.81	.96	30.6	9.0	2.19	.66	.83	.99	29.0	8.5	2.45	.68	.86	1.00
	1185	560	34.2	10.0	1.74	.66	.82	.98	32.6	9.6	1.95	.67	.85	1.00	31.2	9.1	2.19	.68	.87	1.00	29.6	8.7	2.46	.71	.90	1.00
71°F (22°C)	945	445	34.4	10.1	1.74	.48	.61	.74	33.2	9.7	1.96	.48	.62	.76	31.8	9.3	2.20	.48	.63	.78	30.2	8.9	2.47	.49	.64	.80
	1050	495	35.0	10.3	1.74	.48	.63	.77	33.8	9.9	1.96	.49	.64	.79	32.4	9.5	2.20	.49	.65	.81	30.8	9.0	2.47	.50	.67	.83
	1185	560	35.8	10.5	1.75	.49	.65	.80	34.4	10.1	1.97	.50	.66	.82	33.0	9.7	2.21	.50	.68	.84	31.4	9.2	2.48	.51	.70	.87

COOLING CAPACITY - 13ACD-030 with RFC

[C33-38B + G61MPV-36B-045]

63°F (17°C)	945	445	31.0	9.1	1.72	.79	.93	1.00	29.8	8.7	1.93	.80	.96	1.00	28.4	8.3	2.17	.82	.98	1.00	27.0	7.9	2.43	.85	1.00	1.00
	1050	495	31.8	9.3	1.72	.81	.97	1.00	30.4	8.9	1.93	.83	.99	1.00	29.0	8.5	2.17	.85	1.00	1.00	27.8	8.1	2.44	.88	1.00	1.00
	1185	560	32.4	9.5	1.72	.84	1.00	1.00	31.4	9.2	1.94	.86	1.00	1.00	30.2	8.9	2.18	.89	1.00	1.00	28.8	8.4	2.45	.92	1.00	1.00
67°F (19°C)	945	445	32.8	9.6	1.73	.62	.76	.90	31.4	9.2	1.94	.63	.78	.92	30.0	8.8	2.18	.64	.80	.95	28.6	8.4	2.45	.66	.82	.97
	1050	495	33.4	9.8	1.73	.64	.79	.93	32.2	9.4	1.95	.65	.81	.96	30.6	9.0	2.19	.65	.83	.98	29.0	8.5	2.45	.68	.85	1.00
	1185	560	34.2	10.0	1.74	.66	.82	.97	32.8	9.6	1.95	.66	.84	1.00	31.4	9.2	2.19	.68	.86	1.00	29.8	8.7	2.46	.70	.90	1.00
71°F (22°C)	945	445	34.2	10.0	1.74	.48	.61	.74	33.0	9.7	1.95	.48	.62	.75	31.8	9.3	2.20	.48	.63	.77	30.4	8.9	2.47	.49	.64	.79
	1050	495	35.0	10.3	1.74	.48	.63	.76	33.8	9.9	1.96	.49	.64	.78	32.4	9.5	2.20	.49	.65	.80	30.8	9.0	2.47	.50	.66	.82
	1185	560	35.8	10.5	1.75	.49	.65	.80	34.4	10.1	1.97	.50	.66	.81	33.0	9.7	2.21	.50	.68	.84	31.4	9.2	2.48	.51	.69	.87

COOLING CAPACITY - 13ACD-030 with TXV

[C33-38B + G61MPV-36B-070]
[C33-38B + G71MPP-36B-070]

63°F (17°C)	830	390	30.0	8.8	1.71	.75	.90	1.00	28.8	8.4	1.92	.78	.92	1.00	27.4	8.0	2.16	.79	.94	1.00	26.0	7.6	2.42	.81	.97	1.00
	1010	475	31.4	9.2	1.72	.81	.96	1.00	30.0	8.8	1.93	.83	.98	1.00	28.8	8.4	2.17	.85	1.00	1.00	27.4	8.0	2.44	.87	1.00	1.00
	1155	545	32.2	9.4	1.73	.84	1.00	1.00	31.0	9.1	1.94	.86	1.00	1.00	29.8	8.7	2.18	.89	1.00	1.00	28.4	8.3	2.45	.92	1.00	1.00
67°F (19°C)	830	390	31.6	9.3	1.72	.61	.73	.86	30.6	9.0	1.94	.61	.75	.88	29.2	8.6	2.18	.62	.77	.91	27.8	8.1	2.44	.63	.79	.93
	1010	475	33.0	9.7	1.73	.64	.78	.92	31.8	9.3	1.95	.65	.80	.95	30.4	8.9	2.19	.66	.82	.98	28.8	8.4	2.45	.67	.84	1.00
	1155	545	34.0	10.0	1.74	.65	.82	.97	32.6	9.6	1.95	.66	.84	.99	31.0	9.1	2.19	.68	.86	1.00	29.4	8.6	2.46	.70	.89	1.00
71°F (22°C)	830	390	33.6	9.8	1.73	.46	.59	.71	32.2	9.4	1.95	.46	.60	.71	31.0	9.1	2.19	.47	.61	.74	29.6	8.7	2.46	.48	.62	.76
	1010	475	34.8	10.2	1.74	.48	.62	.76	33.6	9.8	1.96	.48	.63	.77	32.2	9.4	2.20	.49	.64	.80	30.6	9.0	2.47	.49	.66	.82
	1155	545	35.6	10.4	1.75	.49	.64	.79	34.2	10.0	1.97	.50	.65	.81	32.8	9.6	2.21	.50	.67	.83	31.2	9.1	2.48	.50	.68	.86

COOLING CAPACITY - 13ACD-030 with RFC

[C33-38B + G61MPV-36B-070]
[C33-38B + G71MPP-36B-070]

63°F (17°C)	830	390	30.0	8.8	1.71	.75	.89	1.00	28.8	8.4	1.92	.77	.91	1.00	27.4	8.0	2.16	.79	.94	1.00	26.2	7.7	2.42	.81	.97	1.00
	1010	475	31.4	9.2	1.72	.80	.96	1.00	30.2	8.9	1.93	.82	.98	1.00	28.8	8.4	2.17	.84	1.00	1.00	27.4	8.0	2.44	.87	1.00	1.00
	1155	545	32.2	9.4	1.72	.84	1.00	1.00	31.0	9.1	1.94	.86	1.00	1.00	29.8	8.7	2.18	.88	1.00	1.00	28.6	8.4	2.45	.91	1.00	1.00
67°F (19°C)	830	390	31.6	9.3	1.72	.61	.73	.86	30.6	9.0	1.93	.60	.75	.88	29.2	8.6	2.17	.62	.77	.90	27.8	8.1	2.44	.63	.78	.93
	1010	475	33.2	9.7	1.73	.63	.78	.92	31.8	9.3	1.94	.64	.79	.94	30.4	8.9	2.18	.66	.82	.97	28.8	8.4	2.45	.66	.84	.99
	1155	545	34.0	10.0	1.74	.65	.81	.96	32.6	9.6	1.95	.66	.83	.99	31.2	9.1	2.19	.68	.85	1.00	29.6	8.7	2.46	.70	.88	1.00
71°F (22°C)	830	390	33.4	9.8	1.73	.47	.59	.71	32.2	9.4	1.95	.46	.59	.72	31.0	9.1	2.19	.47	.61	.74	29.6	8.7	2.46	.47	.62	.76
	1010	475	34.8	10.2	1.74	.47	.62	.75	33.4	9.8	1.96	.48	.63	.77	32.2	9.4	2.20	.49	.64	.79	30.6	9.0	2.47	.49	.65	.81
	1155	545	35.6	10.4	1.75	.49	.64	.79	34.2	10.0	1.96	.49	.65	.81	32.8	9.6	2.21	.50	.67	.83	31.2	9.1	2.48	.51	.68	.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.

UP-FLOW INDOOR COIL WITH GAS FURNACES

COOLING CAPACITY - 13ACD-030 with TXV [C33-42B + G60UHV-36B-090]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	825	390	28.8	8.4	1.70	.76	.90	1.00	27.8	8.1	1.91	.78	.92	1.00	26.4	7.7	2.15	.79	.95	1.00	25.2	7.4	2.41	.81	.97	1.00
	1005	475	30.2	8.9	1.71	.81	.96	1.00	29.0	8.5	1.92	.83	.98	1.00	27.8	8.1	2.16	.85	1.00	1.00	26.4	7.7	2.43	.87	1.00	1.00
	1110	525	30.8	9.0	1.72	.83	.99	1.00	29.6	8.7	1.93	.85	1.00	1.00	28.6	8.4	2.17	.87	1.00	1.00	27.2	8.0	2.44	.90	1.00	1.00
67°F (19°C)	825	390	30.4	8.9	1.71	.61	.74	.87	29.2	8.6	1.93	.62	.75	.88	28.0	8.2	2.16	.63	.77	.91	26.6	7.8	2.43	.64	.79	.94
	1005	475	31.6	9.3	1.72	.64	.78	.93	30.4	8.9	1.94	.65	.80	.95	29.2	8.6	2.18	.66	.82	.97	27.8	8.1	2.44	.67	.84	1.00
	1110	525	32.2	9.4	1.73	.65	.81	.96	31.0	9.1	1.94	.66	.83	.98	29.8	8.7	2.18	.67	.85	1.00	28.2	8.3	2.45	.69	.87	1.00
71°F (22°C)	825	390	31.6	9.3	1.72	.47	.59	.72	30.6	9.0	1.94	.47	.60	.73	29.4	8.6	2.18	.47	.61	.74	28.0	8.2	2.44	.48	.62	.76
	1005	475	33.2	9.7	1.73	.48	.62	.76	32.0	9.4	1.95	.49	.63	.78	30.6	9.0	2.19	.49	.65	.79	29.2	8.6	2.46	.50	.66	.82
	1110	525	33.8	9.9	1.74	.49	.64	.78	32.6	9.6	1.95	.49	.65	.80	31.2	9.1	2.19	.50	.66	.82	29.8	8.7	2.46	.50	.68	.85

COOLING CAPACITY - 13ACD-030 with RFC [C33-42B + G60UHV-36B-090]

63°F (17°C)	825	390	28.8	8.4	1.70	.76	.90	1.00	27.8	8.1	1.91	.78	.92	1.00	26.6	7.8	2.15	.79	.94	1.00	25.2	7.4	2.41	.81	.97	1.00
	1005	475	30.2	8.9	1.71	.80	.95	1.00	29.0	8.5	1.92	.82	.98	1.00	27.8	8.1	2.16	.84	1.00	1.00	26.6	7.8	2.43	.87	1.00	1.00
	1110	525	30.8	9.0	1.71	.83	.98	1.00	29.6	8.7	1.93	.85	1.00	1.00	28.6	8.4	2.17	.87	1.00	1.00	27.2	8.0	2.43	.90	1.00	1.00
67°F (19°C)	825	390	30.4	8.9	1.71	.61	.74	.86	29.2	8.6	1.92	.62	.75	.88	28.0	8.2	2.16	.62	.77	.90	26.8	7.9	2.43	.64	.79	.93
	1005	475	31.6	9.3	1.72	.64	.78	.92	30.4	8.9	1.93	.64	.80	.94	29.2	8.6	2.17	.66	.82	.97	27.8	8.1	2.44	.67	.84	.99
	1110	525	32.2	9.4	1.72	.65	.80	.95	31.0	9.1	1.94	.66	.82	.97	29.8	8.7	2.18	.67	.84	.99	28.4	8.3	2.45	.69	.87	1.00
71°F (22°C)	825	390	31.6	9.3	1.72	.47	.59	.71	30.6	9.0	1.93	.47	.60	.73	29.4	8.6	2.17	.47	.61	.74	28.0	8.2	2.44	.48	.62	.76
	1005	475	33.0	9.7	1.73	.48	.62	.76	31.8	9.3	1.94	.48	.63	.77	30.6	9.0	2.19	.49	.64	.79	29.2	8.6	2.45	.49	.66	.81
	1110	525	33.6	9.8	1.73	.49	.64	.78	32.4	9.5	1.95	.49	.65	.80	31.2	9.1	2.19	.50	.66	.82	29.8	8.7	2.46	.50	.68	.84

COOLING CAPACITY - 13ACD-030 with TXV [C33-42B + G61MPV-36B-045]

63°F (17°C)	945	445	29.8	8.7	1.71	.79	.94	1.00	28.6	8.4	1.92	.81	.97	1.00	27.4	8.0	2.16	.83	.99	1.00	26.0	7.6	2.42	.85	1.00	1.00
	1050	495	30.6	9.0	1.71	.82	.97	1.00	29.4	8.6	1.93	.84	.99	1.00	28.2	8.3	2.17	.86	1.00	1.00	26.8	7.9	2.43	.89	1.00	1.00
	1185	560	31.4	9.2	1.72	.85	1.00	1.00	30.2	8.9	1.93	.87	1.00	1.00	29.0	8.5	2.17	.90	1.00	1.00	27.8	8.1	2.44	.93	1.00	1.00
67°F (19°C)	945	445	31.4	9.2	1.72	.63	.77	.91	30.2	8.9	1.93	.64	.79	.93	28.8	8.4	2.17	.65	.81	.96	27.4	8.0	2.44	.66	.83	.98
	1050	495	32.0	9.4	1.72	.65	.80	.94	30.8	9.0	1.94	.66	.82	.97	29.4	8.6	2.18	.67	.84	.99	28.0	8.2	2.44	.68	.86	1.00
	1185	560	32.6	9.6	1.73	.66	.83	.98	31.4	9.2	1.94	.68	.85	1.00	30.0	8.8	2.18	.69	.87	1.00	28.6	8.4	2.45	.71	.90	1.00
71°F (22°C)	945	445	32.8	9.6	1.73	.48	.62	.75	31.6	9.3	1.95	.48	.63	.76	30.2	8.9	2.19	.49	.64	.78	29.0	8.5	2.45	.49	.65	.80
	1050	495	33.4	9.8	1.73	.49	.63	.77	32.2	9.4	1.95	.49	.64	.79	31.0	9.1	2.19	.50	.66	.81	29.6	8.7	2.46	.50	.67	.83
	1185	560	34.2	10.0	1.74	.50	.65	.80	33.0	9.7	1.96	.50	.67	.82	31.6	9.3	2.20	.51	.68	.85	30.2	8.9	2.47	.52	.70	.87

COOLING CAPACITY - 13ACD-030 with RFC [C33-42B + G61MPV-36B-045]

63°F (17°C)	945	445	29.8	8.7	1.71	.79	.94	1.00	28.6	8.4	1.92	.81	.96	1.00	27.4	8.0	2.16	.83	.98	1.00	26.2	7.7	2.42	.85	1.00	1.00
	1050	495	30.6	9.0	1.71	.82	.97	1.00	29.4	8.6	1.92	.84	.99	1.00	28.2	8.3	2.16	.86	1.00	1.00	27.0	7.9	2.43	.88	1.00	1.00
	1185	560	31.4	9.2	1.72	.85	1.00	1.00	30.2	8.9	1.93	.87	1.00	1.00	29.0	8.5	2.17	.89	1.00	1.00	27.8	8.1	2.44	.92	1.00	1.00
67°F (19°C)	945	445	31.2	9.1	1.72	.63	.77	.90	30.2	8.9	1.93	.64	.78	.93	28.8	8.4	2.17	.65	.80	.95	27.6	8.1	2.44	.66	.82	.98
	1050	495	32.0	9.4	1.72	.64	.79	.94	30.8	9.0	1.94	.65	.81	.96	29.4	8.6	2.18	.67	.83	.98	28.2	8.3	2.44	.68	.86	1.00
	1185	560	32.6	9.6	1.73	.66	.82	.97	31.4	9.2	1.94	.67	.85	.99	30.0	8.8	2.18	.69	.87	1.00	28.6	8.4	2.45	.71	.89	1.00
71°F (22°C)	945	445	32.6	9.6	1.73	.48	.61	.74	31.6	9.3	1.94	.48	.62	.76	30.2	8.9	2.18	.49	.64	.78	29.0	8.5	2.45	.49	.65	.80
	1050	495	33.4	9.8	1.73	.49	.63	.77	32.2	9.4	1.95	.49	.64	.79	31.0	9.1	2.19	.50	.65	.81	29.6	8.7	2.46	.50	.67	.83
	1185	560	34.0	10.0	1.74	.50	.65	.80	32.8	9.6	1.95	.50	.66	.82	31.6	9.3	2.20	.51	.68	.84	30.2	8.9	2.47	.52	.69	.87

COOLING CAPACITY - 13ACD-030 with TXV [C33-42B + G61MPV-36B-070] [C33-42B + G71MPP-36B-070]

63°F (17°C)	830	390	29.0	8.5	1.70	.77	.90	1.00	27.8	8.1	1.91	.78	.92	1.00	26.6	7.8	2.15	.80	.95	1.00	25.2	7.4	2.41	.82	.98	1.00
	1010	475	30.2	8.9	1.71	.81	.96	1.00	29.0	8.5	1.92	.83	.98	1.00	27.8	8.1	2.16	.85	1.00	1.00	26.6	7.8	2.43	.87	1.00	1.00
	1155	545	31.2	9.1	1.72	.84	1.00	1.00	30.0	8.8	1.93	.86	1.00	1.00	28.8	8.4	2.17	.89	1.00	1.00	27.6	8.1	2.44	.92	1.00	1.00
67°F (19°C)	830	390	30.4	8.9	1.71	.61	.74	.87	29.4	8.6	1.93	.62	.76	.89	28.0	8.2	2.17	.63	.77	.91	26.6	7.8	2.43	.64	.79	.94
	1010	475	31.8	9.3	1.72	.64	.79	.93	30.6	9.0	1.94	.65	.80	.95	29.2	8.6	2.18	.66	.82	.98	27.8	8.1	2.44	.67	.85	1.00
	1155	545	32.4	9.5	1.73	.66	.82	.97	31.2	9.1	1.94	.67	.84	.99	30.0	8.8	2.18	.69	.86	1.00	28.4	8.3	2.45	.70	.89	1.00
71°F (22°C)	830	390	31.8	9.3	1.72	.47	.60	.72	30.6	9.0	1.94	.47	.60	.73	29.4	8.6	2.18	.48	.61	.75	28.0	8.2	2.44	.48	.63	.77
	1010	475	33.2	9.7	1.73	.48	.63	.76	32.0	9.4	1.95	.49	.64	.78	30.6	9.0	2.19	.49	.65	.80	29.2	8.6	2.46	.50	.66	.82
	1155	545	34.0	10.0	1.74	.49	.65	.80	32.8	9.6	1.96	.50	.66	.82	31.4	9.2	2.20	.50	.67	.84	30.0	8.8	2.46	.51	.69	.86

COOLING CAPACITY - 13ACD-030 with RFC [C33-42B + G61MPV-36B-070] [C33-42B + G71MPP-36B-070]

63°F (17°C)	830	390	29.0	8.5	1.70	.77	.90	1.00	27.8	8.1	1.91	.78	.92	1.00	26.6	7.8	2.15	.79	.94	1.00	25.2	7.4	2.41	.81	.97	1.00
	1010	475	30.2	8.9	1.71	.81	.96	1.00	29.2	8.6	1.92	.82	.98	1.00	27.8	8.1	2.16	.84	1.00	1.00	26.6	7.8	2.43	.87	1.00	1.00
	1155	545	31.2	9.1	1.72	.84	.99	1.00	30.0	8.8	1.93	.86	1.00	1.00	28.8	8.4	2.17	.88	1.00	1.00	27.6	8.1	2.44	.91	1.00	1.00
67°F (19°C)	830	390	30.4	8.9	1.71	.61	.74	.87	29.2	8.6	1.92	.62	.75	.89	28.2	8.3	2.16	.63	.77	.91	26.8	7.9	2.43	.64	.79	.94
	1010	475	31.6	9.3	1.72	.64	.78	.92	30.4	8.9	1.93	.65	.80	.95	29.2	8.6	2.17	.66	.82	.97	27.8	8.1	2.44	.67	.84	.99
	1155	545	32.4	9.5	1.72	.66	.82	.96	31.2	9.1	1.94	.67	.84	.99	30.0	8.8	2.18	.68	.86	1.00	28.6	8.4	2.45	.70	.88	1.00
71°F (22°C)	830	390	31.8	9.3	1.72	.47	.60	.72	30.6	9.0	1.93	.47	.60	.73	29.4	8.6	2.18	.47	.61	.74	28.2	8.3	2.44	.48	.62	.76
	1010	475	33.2	9.7	1.73	.48	.62	.76	32.0	9.4	1.95	.49	.63	.78	30.6	9.0	2.19	.49	.65	.79	29.2	8.6	2.46	.50	.66	.82
	1155	545	34.0	10.0	1.74	.49	.65	.79	32.6	9.6	1.95	.50	.66	.81	31.4	9.2	2.19	.50	.67	.83	30.0	8.8	2.46	.51	.69	.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

COOLING CAPACITY - 13ACD-030 with TXV [CR33-30/36A/B/C-F]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	875	415	29.8	8.7	1.71	.78	.93	1.00	28.6	8.4	1.92	.80	.95	1.00	27.2	8.0	2.16	.82	.97	1.00	25.8	7.6	2.42	.84	.99	1.00
	1000	470	30.6	9.0	1.72	.82	.97	1.00	29.4	8.6	1.93	.83	.99	1.00	28.0	8.2	2.16	.86	1.00	1.00	26.8	7.9	2.43	.88	1.00	1.00
	1125	530	31.4	9.2	1.72	.85	.99	1.00	30.2	8.9	1.93	.87	1.00	1.00	28.8	8.4	2.17	.89	1.00	1.00	27.6	8.1	2.44	.92	1.00	1.00
67°F (19°C)	875	415	31.4	9.2	1.72	.62	.76	.89	30.2	8.9	1.93	.63	.77	.91	28.8	8.4	2.17	.64	.79	.94	27.4	8.0	2.44	.65	.81	.96
	1000	470	32.2	9.4	1.73	.64	.79	.93	31.0	9.1	1.94	.65	.81	.95	29.6	8.7	2.18	.66	.83	.98	28.0	8.2	2.44	.68	.85	1.00
	1125	530	32.8	9.6	1.73	.66	.82	.97	31.6	9.3	1.95	.68	.84	.99	30.2	8.9	2.19	.69	.87	1.00	28.6	8.4	2.45	.70	.89	1.00
71°F (22°C)	875	415	33.2	9.7	1.73	.48	.61	.73	31.8	9.3	1.95	.48	.62	.75	30.6	9.0	2.19	.48	.63	.77	29.0	8.5	2.45	.49	.64	.79
	1000	470	34.0	10.0	1.74	.49	.63	.77	32.6	9.6	1.95	.49	.64	.79	31.2	9.1	2.20	.50	.65	.80	29.8	8.7	2.46	.50	.67	.83
	1125	530	34.6	10.1	1.74	.50	.65	.80	33.2	9.7	1.96	.50	.66	.82	31.8	9.3	2.20	.51	.68	.84	30.2	8.9	2.47	.51	.69	.86

COOLING CAPACITY - 13ACD-030 with RFC [CR33-30/36A/B/C-F]

63°F (17°C)	850	400	29.6	8.7	1.70	.78	.91	1.00	28.4	8.3	1.92	.79	.93	1.00	27.2	8.0	2.15	.81	.96	1.00	25.8	7.6	2.42	.83	.98	1.00
	1000	470	30.8	9.0	1.71	.81	.96	1.00	29.4	8.6	1.92	.83	.98	1.00	28.2	8.3	2.16	.85	1.00	1.00	26.8	7.9	2.43	.88	1.00	1.00
	1150	545	31.6	9.3	1.72	.85	.99	1.00	30.4	8.9	1.93	.87	1.00	1.00	29.2	8.6	2.17	.89	1.00	1.00	27.8	8.1	2.44	.92	1.00	1.00
67°F (19°C)	850	400	31.2	9.1	1.71	.62	.75	.88	30.0	8.8	1.93	.63	.77	.90	28.8	8.4	2.17	.64	.78	.92	27.4	8.0	2.43	.65	.80	.95
	1000	470	32.2	9.4	1.72	.64	.79	.93	31.0	9.1	1.94	.65	.81	.95	29.6	8.7	2.18	.66	.83	.97	28.2	8.3	2.44	.68	.85	.99
	1150	545	33.0	9.7	1.73	.66	.82	.97	31.8	9.3	1.94	.68	.85	.99	30.4	8.9	2.18	.69	.87	1.00	28.8	8.4	2.45	.71	.89	1.00
71°F (22°C)	850	400	33.0	9.7	1.73	.48	.60	.73	31.6	9.3	1.94	.48	.61	.74	30.4	8.9	2.19	.48	.62	.76	29.0	8.5	2.45	.49	.63	.78
	1000	470	33.8	9.9	1.73	.49	.63	.76	32.6	9.6	1.95	.49	.64	.78	31.2	9.1	2.19	.50	.65	.80	29.8	8.7	2.46	.50	.67	.82
	1150	545	34.6	10.1	1.74	.50	.65	.80	33.4	9.8	1.96	.50	.66	.82	32.0	9.4	2.20	.51	.68	.84	30.4	8.9	2.47	.52	.70	.87

DOWN-FLOW INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - 13ACD-030 with TXV [CR33-30/36B-F + G60DFV-36B-090]

63°F (17°C)	920	435	30.0	8.8	1.71	.79	.93	1.00	28.8	8.4	1.92	.80	.95	1.00	27.4	8.0	2.16	.82	.98	1.00	26.0	7.6	2.42	.84	1.00	1.00
	1040	490	30.8	9.0	1.72	.82	.97	1.00	29.6	8.7	1.93	.84	.99	1.00	28.2	8.3	2.17	.86	1.00	1.00	26.8	7.9	2.43	.88	1.00	1.00
	1195	565	31.6	9.3	1.72	.85	1.00	1.00	30.4	8.9	1.94	.88	1.00	1.00	29.2	8.6	2.18	.90	1.00	1.00	27.8	8.1	2.44	.93	1.00	1.00
67°F (19°C)	920	435	31.6	9.3	1.72	.62	.76	.90	30.4	8.9	1.93	.63	.78	.92	29.0	8.5	2.17	.64	.79	.94	27.6	8.1	2.44	.65	.82	.97
	1040	490	32.4	9.5	1.73	.64	.79	.94	31.0	9.1	1.94	.65	.81	.96	29.6	8.7	2.18	.66	.83	.98	28.2	8.3	2.45	.68	.86	1.00
	1195	565	33.2	9.7	1.73	.66	.83	.98	31.8	9.3	1.95	.68	.85	.99	30.4	8.9	2.19	.69	.87	1.00	28.8	8.4	2.45	.71	.90	1.00
71°F (22°C)	920	435	33.2	9.7	1.73	.47	.61	.74	32.0	9.4	1.95	.47	.62	.75	30.6	9.0	2.19	.48	.62	.77	29.2	8.6	2.46	.48	.64	.79
	1040	490	34.0	10.0	1.74	.48	.63	.77	32.8	9.6	1.96	.49	.64	.79	31.4	9.2	2.20	.49	.65	.81	29.8	8.7	2.46	.49	.66	.83
	1195	565	34.8	10.2	1.74	.49	.65	.80	33.4	9.8	1.96	.50	.66	.83	32.0	9.4	2.20	.50	.68	.85	30.6	9.0	2.47	.51	.70	.87

COOLING CAPACITY - 13ACD-030 with RFC [CR33-30/36B-F + G60DFV-36B-090]

63°F (17°C)	920	435	30.0	8.8	1.71	.78	.93	1.00	28.8	8.4	1.92	.80	.95	1.00	27.4	8.0	2.16	.82	.97	1.00	26.2	7.7	2.42	.84	.99	1.00
	1040	490	30.8	9.0	1.71	.81	.96	1.00	29.6	8.7	1.93	.83	.99	1.00	28.2	8.3	2.16	.85	1.00	1.00	27.0	7.9	2.43	.88	1.00	1.00
	1195	565	31.6	9.3	1.72	.85	1.00	1.00	30.4	8.9	1.93	.87	1.00	1.00	29.2	8.6	2.17	.89	1.00	1.00	28.0	8.2	2.44	.92	1.00	1.00
67°F (19°C)	920	435	31.6	9.3	1.72	.62	.76	.89	30.4	8.9	1.93	.63	.77	.91	29.0	8.5	2.17	.64	.79	.94	27.6	8.1	2.44	.65	.81	.97
	1040	490	32.4	9.5	1.72	.64	.79	.93	31.0	9.1	1.94	.65	.81	.95	29.8	8.7	2.18	.66	.83	.98	28.2	8.3	2.44	.67	.85	1.00
	1195	565	33.0	9.7	1.73	.66	.82	.97	31.8	9.3	1.95	.67	.85	.99	30.4	8.9	2.18	.69	.87	1.00	29.0	8.5	2.45	.70	.90	1.00
71°F (22°C)	920	435	33.2	9.7	1.73	.47	.61	.74	32.0	9.4	1.95	.47	.61	.75	30.8	9.0	2.19	.48	.63	.77	29.4	8.6	2.46	.48	.64	.79
	1040	490	34.0	10.0	1.73	.48	.62	.76	32.8	9.6	1.95	.49	.63	.79	31.4	9.2	2.19	.49	.65	.81	30.0	8.8	2.46	.49	.66	.83
	1195	565	34.6	10.1	1.74	.49	.65	.80	33.4	9.8	1.96	.50	.66	.82	32.0	9.4	2.20	.50	.68	.84	30.6	9.0	2.47	.51	.69	.87

COOLING CAPACITY - 13ACD-030 with TXV [CR33-30/36B-F + G61MPV-36B-045]

63°F (17°C)	945	445	30.2	8.9	1.71	.80	.94	1.00	29.0	8.5	1.92	.81	.97	1.00	27.6	8.1	2.16	.83	.99	1.00	26.2	7.7	2.42	.86	1.00	1.00
	1050	495	31.0	9.1	1.72	.82	.97	1.00	29.6	8.7	1.93	.84	.99	1.00	28.2	8.3	2.17	.87	1.00	1.00	27.0	7.9	2.43	.89	1.00	1.00
	1185	560	31.6	9.3	1.72	.86	1.00	1.00	30.4	8.9	1.94	.88	1.00	1.00	29.2	8.6	2.18	.90	1.00	1.00	27.8	8.1	2.44	.93	1.00	1.00
67°F (19°C)	945	445	31.8	9.3	1.72	.63	.77	.91	30.6	9.0	1.94	.64	.79	.93	29.2	8.6	2.18	.64	.80	.96	27.6	8.1	2.44	.66	.83	.98
	1050	495	32.4	9.5	1.73	.65	.80	.94	31.2	9.1	1.94	.66	.82	.96	29.8	8.7	2.18	.67	.84	.99	28.2	8.3	2.45	.68	.86	1.00
	1185	560	33.2	9.7	1.73	.67	.83	.98	31.8	9.3	1.95	.68	.85	.99	30.4	8.9	2.19	.69	.88	1.00	28.8	8.4	2.45	.71	.90	1.00
71°F (22°C)	945	445	33.4	9.8	1.73	.47	.61	.75	32.2	9.4	1.95	.48	.62	.76	30.8	9.0	2.19	.48	.63	.78	29.4	8.6	2.46	.48	.65	.80
	1050	495	34.2	10.0	1.74	.49	.63	.78	32.8	9.6	1.96	.49	.64	.79	31.4	9.2	2.20	.49	.66	.81	30.0	8.8	2.47	.50	.67	.84
	1185	560	34.8	10.2	1.74	.49	.65	.81	33.6	9.8	1.96	.50	.67	.83	32.0	9.4	2.20	.51	.68	.85	30.6	9.0	2.47	.51	.70	.88

COOLING CAPACITY - 13ACD-030 with RFC [CR33-30/36B-F + G61MPV-36B-045]

63°F (17°C)	945	445	30.2	8.9	1.71	.79	.94	1.00	29.0	8.5	1.92	.81	.96	1.00	27.8	8.1	2.16	.83	.98	1.00	26.4	7.7	2.42	.85	1.00	1.00
	1050	495	31.0	9.1	1.71	.82	.97	1.00	29.8	8.7	1.93	.84	.99	1.00	28.4	8.3	2.16	.86	1.00	1.00	27.0	7.9	2.43	.89	1.00	1.00
	1185	560	31.8	9.3	1.72	.85	1.00	1.00	30.4	8.9	1.93	.87	1.00	1.00	29.2	8.6	2.17	.90	1.00	1.00	28.0	8.2	2.44	.92	1.00	1.00
67°F (19°C)	945	445	31.8	9.3	1.72	.63	.77	.90	30.6	9.0	1.93	.64	.79	.92	29.2	8.6	2.17	.65	.80	.95	27.8	8.1	2.44	.66	.82	.98
	1050	495	32.4	9.5	1.72	.64	.79	.94	31.2	9.1	1.94	.65	.82	.96	29.8	8.7	2.18	.67	.84	.98	28.4	8.3	2.45	.68	.86	1.00
	1185	560	33.0	9.7	1.73	.66	.83	.97	31.8	9.3	1.95	.68	.85	.99	30.4	8.9	2.18	.69	.87	1.00	29.0	8.5	2.45	.71	.90	1.00
71°F (22°C)	945	445	33.4	9.8	1.73	.47	.61	.74	32.2	9.4	1.95	.48	.62	.76	31.0	9.1	2.19	.48	.63	.78	29.4	8.6	2.46	.49	.65	.80
	1050	495	34.0	10.0	1.73	.48	.63	.77	32.8	9.6	1.95	.49	.64	.79	31.4	9.2	2.20	.50	.65	.81	30.0	8.8	2.46	.50	.67	.83
	1185	560	34.6	10.1	1.74	.49	.65	.80	33.4	9.8	1.96	.50	.66	.82	32.0	9.4	2.20	.51	.68	.85	30.6	9.0	2.47	.51	.70	.87

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		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - 13ACD-030 TXV or RFC System																										**[CR33-30/36B-F + G61MPV-36B-070] [CR33-30/36B-F + G71MPP-36B-070]**
63°F (17°C)	830	390	29.4	8.6	1.71	.76	.90	1.00	28.0	8.2	1.91	.78	.92	1.00	26.8	7.9	2.15	.80	.95	1.00	25.4	7.4	2.41	.82	.97	1.00
	1010	475	30.6	9.0	1.71	.81	.96	1.00	29.4	8.6	1.93	.83	.98	1.00	28.0	8.2	2.16	.85	1.00	1.00	26.8	7.9	2.43	.88	1.00	1.00
	1155	545	31.4	9.2	1.72	.85	.99	1.00	30.2	8.9	1.93	.87	1.00	1.00	29.0	8.5	2.17	.89	1.00	1.00	27.6	8.1	2.44	.92	1.00	1.00
67°F (19°C)	830	390	31.0	9.1	1.72	.61	.74	.87	29.8	8.7	1.93	.61	.75	.89	28.4	8.3	2.17	.62	.77	.91	27.0	7.9	2.43	.63	.79	.94
	1010	475	32.2	9.4	1.73	.64	.79	.93	31.0	9.1	1.94	.65	.81	.95	29.6	8.7	2.18	.66	.83	.98	28.0	8.2	2.44	.67	.85	.99
	1155	545	33.0	9.7	1.73	.66	.82	.97	31.6	9.3	1.95	.67	.84	.99	30.2	8.9	2.19	.69	.87	1.00	28.6	8.4	2.45	.70	.89	1.00
71°F (22°C)	830	390	32.6	9.6	1.73	.46	.59	.72	31.4	9.2	1.94	.47	.60	.73	30.2	8.9	2.18	.47	.61	.74	28.6	8.4	2.45	.47	.62	.76
	1010	475	34.0	10.0	1.74	.48	.62	.76	32.6	9.6	1.95	.48	.64	.78	31.2	9.1	2.20	.49	.65	.80	29.8	8.7	2.46	.49	.66	.82
	1155	545	34.6	10.1	1.74	.49	.65	.80	33.4	9.8	1.96	.50	.66	.82	32.0	9.4	2.20	.50	.68	.84	30.4	8.9	2.47	.51	.69	.87

HORIZONTAL INDOOR COILS

COOLING CAPACITY - 13ACD-030 with TXV																										**[CH33-36A/B/C-2F]**
63°F (17°C)	875	415	29.2	8.6	1.70	.77	.91	1.00	28.0	8.2	1.92	.78	.93	1.00	26.8	7.9	2.15	.80	.96	1.00	25.4	7.4	2.42	.82	.99	1.00
	1000	470	30.0	8.8	1.71	.80	.95	1.00	28.8	8.4	1.92	.82	.97	1.00	27.4	8.0	2.16	.84	1.00	1.00	26.0	7.6	2.42	.86	1.00	1.00
	1125	530	30.6	9.0	1.72	.83	.98	1.00	29.4	8.6	1.93	.85	1.00	1.00	28.2	8.3	2.17	.87	1.00	1.00	27.0	7.9	2.43	.90	1.00	1.00
67°F (19°C)	875	415	31.0	9.1	1.72	.62	.75	.87	29.8	8.7	1.93	.62	.76	.89	28.4	8.3	2.17	.63	.78	.92	27.2	8.0	2.43	.64	.80	.95
	1000	470	31.6	9.3	1.72	.63	.77	.91	30.4	8.9	1.94	.64	.79	.94	29.2	8.6	2.18	.65	.81	.96	27.8	8.1	2.44	.67	.83	.99
	1125	530	32.4	9.5	1.73	.65	.80	.95	31.0	9.1	1.94	.66	.82	.97	29.8	8.7	2.18	.67	.84	1.00	28.2	8.3	2.45	.69	.87	1.00
71°F (22°C)	875	415	32.6	9.6	1.73	.47	.60	.72	31.4	9.2	1.94	.48	.61	.74	30.2	8.9	2.18	.48	.62	.75	28.8	8.4	2.45	.48	.63	.77
	1000	470	33.4	9.8	1.73	.49	.62	.75	32.2	9.4	1.95	.48	.63	.76	31.0	9.1	2.19	.49	.64	.79	29.4	8.6	2.46	.50	.65	.81
	1125	530	34.2	10.0	1.74	.49	.63	.78	32.8	9.6	1.96	.50	.65	.80	31.6	9.3	2.20	.50	.66	.82	30.0	8.8	2.47	.51	.68	.84
COOLING CAPACITY - 13ACD-030 with TXV																										**[CH33-42B-2F]**
63°F (17°C)	875	415	30.2	8.9	1.71	.77	.91	1.00	28.8	8.4	1.92	.79	.93	1.00	27.6	8.1	2.16	.80	.96	1.00	26.0	7.6	2.42	.82	.98	1.00
	1000	470	31.0	9.1	1.72	.80	.95	1.00	29.8	8.7	1.93	.81	.97	1.00	28.4	8.3	2.17	.84	1.00	1.00	27.0	7.9	2.43	.86	1.00	1.00
	1125	530	31.8	9.3	1.72	.83	.98	1.00	30.4	8.9	1.94	.85	1.00	1.00	29.2	8.6	2.18	.87	1.00	1.00	28.0	8.2	2.44	.90	1.00	1.00
67°F (19°C)	875	415	31.8	9.3	1.72	.61	.74	.87	30.6	9.0	1.94	.62	.76	.89	29.4	8.6	2.18	.63	.78	.92	28.0	8.2	2.44	.64	.80	.95
	1000	470	32.8	9.6	1.73	.63	.78	.91	31.4	9.2	1.94	.64	.79	.94	30.0	8.8	2.18	.65	.81	.96	28.6	8.4	2.45	.67	.83	.99
	1125	530	33.6	9.8	1.74	.65	.80	.95	32.0	9.4	1.95	.66	.82	.97	30.6	9.0	2.19	.67	.84	1.00	29.0	8.5	2.45	.69	.87	1.00
71°F (22°C)	875	415	33.6	9.8	1.74	.47	.60	.72	32.4	9.5	1.95	.47	.60	.73	31.0	9.1	2.19	.48	.62	.75	29.6	8.7	2.46	.48	.63	.77
	1000	470	34.4	10.1	1.74	.48	.62	.75	33.2	9.7	1.96	.49	.63	.77	31.8	9.3	2.20	.49	.64	.78	30.4	8.9	2.47	.50	.65	.81
	1125	530	35.2	10.3	1.75	.49	.63	.78	33.8	9.9	1.96	.50	.65	.80	32.4	9.5	2.21	.50	.66	.81	31.0	9.1	2.48	.51	.68	.84
COOLING CAPACITY - 13ACD-030 with RFC																										**[CH33-42B-2F]**
63°F (17°C)	850	400	30.0	8.8	1.71	.76	.90	1.00	28.8	8.4	1.92	.77	.92	1.00	27.4	8.0	2.16	.80	.94	1.00	26.0	7.6	2.42	.81	.97	1.00
	1000	470	31.0	9.1	1.72	.80	.94	1.00	29.8	8.7	1.93	.81	.97	1.00	28.4	8.3	2.17	.83	.99	1.00	27.0	7.9	2.43	.86	1.00	1.00
	1150	545	32.0	9.4	1.72	.83	.98	1.00	30.6	9.0	1.93	.85	1.00	1.00	29.4	8.6	2.17	.87	1.00	1.00	28.2	8.3	2.44	.90	1.00	1.00
67°F (19°C)	850	400	31.6	9.3	1.72	.61	.74	.86	30.4	8.9	1.93	.61	.75	.88	29.2	8.6	2.17	.63	.76	.90	27.8	8.1	2.44	.64	.78	.93
	1000	470	32.8	9.6	1.73	.63	.77	.91	31.4	9.2	1.94	.64	.79	.93	30.2	8.9	2.18	.65	.81	.96	28.6	8.4	2.45	.66	.83	.98
	1150	545	33.6	9.8	1.73	.65	.80	.95	32.4	9.5	1.95	.66	.82	.98	30.8	9.0	2.19	.67	.85	1.00	29.2	8.6	2.46	.69	.87	1.00
71°F (22°C)	850	400	33.4	9.8	1.73	.48	.60	.71	32.2	9.4	1.95	.47	.60	.72	30.8	9.0	2.19	.48	.61	.74	29.6	8.7	2.46	.48	.62	.76
	1000	470	34.2	10.0	1.74	.48	.62	.75	33.2	9.7	1.95	.48	.63	.76	31.8	9.3	2.20	.49	.64	.78	30.4	8.9	2.47	.50	.65	.80
	1150	545	35.2	10.3	1.74	.49	.64	.78	33.8	9.9	1.96	.49	.65	.80	32.4	9.5	2.20	.50	.66	.82	31.0	9.1	2.47	.51	.68	.84

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

HORIZONTAL INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - 13ACD-030 TXV or RFC System [CH33-36A-2F + G60UHV-36A-070]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	830	390	28.8	8.4	1.70	.75	.89	1.00	27.6	8.1	1.91	.77	.90	1.00	26.4	7.7	2.15	.78	.93	1.00	25.2	7.4	2.41	.80	.95	1.00
	1000	470	30.0	8.8	1.71	.79	.94	1.00	28.8	8.4	1.92	.81	.96	1.00	27.4	8.0	2.16	.83	.99	1.00	26.0	7.6	2.42	.85	1.00	1.00
	1115	525	30.6	9.0	1.71	.81	.97	1.00	29.4	8.6	1.92	.83	1.00	1.00	28.0	8.2	2.16	.86	1.00	1.00	26.8	7.9	2.43	.88	1.00	1.00
67°F (19°C)	830	390	30.4	8.9	1.71	.60	.73	.85	29.4	8.6	1.92	.61	.74	.87	28.0	8.2	2.16	.61	.75	.89	26.8	7.9	2.43	.63	.77	.92
	1000	470	31.6	9.3	1.72	.63	.77	.90	30.4	8.9	1.93	.63	.78	.93	29.2	8.6	2.17	.64	.80	.95	27.8	8.1	2.44	.66	.82	.98
	1115	525	32.2	9.4	1.72	.64	.79	.93	31.0	9.1	1.94	.65	.81	.96	29.6	8.7	2.18	.66	.83	.99	28.2	8.3	2.44	.68	.85	1.00
71°F (22°C)	830	390	32.2	9.4	1.72	.46	.58	.70	31.0	9.1	1.94	.47	.59	.72	29.8	8.7	2.18	.47	.60	.73	28.4	8.3	2.45	.47	.61	.74
	1000	470	33.2	9.7	1.73	.48	.61	.74	32.2	9.4	1.95	.48	.62	.75	30.8	9.0	2.19	.48	.63	.77	29.4	8.6	2.46	.49	.64	.80
	1115	525	33.8	9.9	1.73	.48	.62	.76	32.8	9.6	1.95	.49	.64	.78	31.4	9.2	2.19	.49	.65	.81	30.0	8.8	2.46	.50	.66	.83

COOLING CAPACITY - 13ACD-030 with TXV [CH33-36B-2F + G60UHV-36B-090]

63°F (17°C)	825	390	28.8	8.4	1.70	.76	.90	1.00	27.8	8.1	1.91	.77	.92	1.00	26.6	7.8	2.15	.79	.94	1.00	25.2	7.4	2.41	.81	.97	1.00
	1005	475	30.2	8.9	1.71	.80	.96	1.00	29.0	8.5	1.92	.82	.98	1.00	27.8	8.1	2.16	.84	1.00	1.00	26.6	7.8	2.43	.87	1.00	1.00
	1110	525	30.8	9.0	1.72	.83	.98	1.00	29.6	8.7	1.93	.85	1.00	1.00	28.4	8.3	2.17	.87	1.00	1.00	27.2	8.0	2.44	.90	1.00	1.00
67°F (19°C)	825	390	30.4	8.9	1.71	.61	.74	.86	29.2	8.6	1.93	.61	.75	.88	28.0	8.2	2.16	.62	.77	.90	26.8	7.9	2.43	.63	.78	.93
	1005	475	31.6	9.3	1.72	.64	.78	.92	30.4	8.9	1.94	.64	.80	.95	29.2	8.6	2.18	.66	.82	.97	27.8	8.1	2.44	.67	.84	1.00
	1110	525	32.2	9.4	1.73	.65	.80	.95	31.0	9.1	1.94	.66	.82	.98	29.8	8.7	2.18	.67	.84	1.00	28.2	8.3	2.45	.69	.87	1.00
71°F (22°C)	825	390	31.6	9.3	1.72	.47	.59	.71	30.6	9.0	1.94	.47	.60	.73	29.4	8.6	2.18	.47	.61	.74	28.0	8.2	2.44	.47	.62	.76
	1005	475	33.2	9.7	1.73	.48	.62	.76	32.0	9.4	1.95	.48	.63	.77	30.6	9.0	2.19	.49	.64	.79	29.2	8.6	2.46	.49	.66	.81
	1110	525	33.8	9.9	1.74	.49	.64	.78	32.4	9.5	1.95	.49	.65	.80	31.2	9.1	2.20	.50	.66	.82	29.8	8.7	2.46	.50	.68	.84

COOLING CAPACITY - 13ACD-030 with RFC [CH33-36B-2F + G60UHV-36B-090]

63°F (17°C)	825	390	28.8	8.4	1.70	.76	.90	1.00	27.8	8.1	1.91	.77	.92	1.00	26.6	7.8	2.15	.79	.94	1.00	25.4	7.4	2.41	.81	.97	1.00
	1005	475	30.2	8.9	1.71	.80	.95	1.00	29.0	8.5	1.92	.82	.97	1.00	27.8	8.1	2.16	.84	1.00	1.00	26.6	7.8	2.43	.86	1.00	1.00
	1110	525	30.8	9.0	1.71	.82	.98	1.00	29.6	8.7	1.93	.84	1.00	1.00	28.4	8.3	2.17	.87	1.00	1.00	27.2	8.0	2.43	.89	1.00	1.00
67°F (19°C)	825	390	30.4	8.9	1.71	.61	.74	.86	29.2	8.6	1.92	.62	.75	.88	28.0	8.2	2.16	.62	.76	.90	26.8	7.9	2.43	.63	.78	.93
	1005	475	31.6	9.3	1.72	.63	.78	.92	30.4	8.9	1.93	.64	.79	.94	29.2	8.6	2.17	.65	.81	.97	27.8	8.1	2.44	.67	.83	.99
	1110	525	32.2	9.4	1.72	.65	.80	.95	31.0	9.1	1.94	.66	.82	.97	29.8	8.7	2.18	.67	.84	.99	28.4	8.3	2.45	.68	.86	1.00
71°F (22°C)	825	390	31.6	9.3	1.72	.47	.59	.71	30.6	9.0	1.93	.47	.60	.72	29.4	8.6	2.17	.47	.61	.74	28.0	8.2	2.44	.47	.62	.76
	1005	475	33.0	9.7	1.73	.48	.62	.75	31.8	9.3	1.94	.49	.63	.77	30.6	9.0	2.19	.49	.64	.79	29.2	8.6	2.46	.49	.66	.81
	1110	525	33.6	9.8	1.73	.49	.63	.78	32.4	9.5	1.95	.49	.65	.80	31.2	9.1	2.19	.49	.66	.82	29.8	8.7	2.46	.50	.67	.84

COOLING CAPACITY - 13ACD-030 with TXV [CH33-36B-2F + G61MPV-36B-045]

63°F (17°C)	945	445	29.8	8.7	1.71	.79	.94	1.00	28.6	8.4	1.92	.81	.96	1.00	27.4	8.0	2.16	.83	.99	1.00	26.0	7.6	2.42	.85	1.00	1.00
	1050	495	30.4	8.9	1.71	.82	.97	1.00	29.4	8.6	1.93	.84	.99	1.00	28.0	8.2	2.17	.86	1.00	1.00	26.8	7.9	2.43	.88	1.00	1.00
	1185	560	31.2	9.1	1.72	.85	1.00	1.00	30.2	8.9	1.93	.87	1.00	1.00	29.0	8.5	2.17	.89	1.00	1.00	27.8	8.1	2.44	.92	1.00	1.00
67°F (19°C)	945	445	31.4	9.2	1.72	.63	.77	.91	30.2	8.9	1.93	.64	.78	.93	28.8	8.4	2.17	.65	.80	.95	27.4	8.0	2.44	.66	.82	.98
	1050	495	32.0	9.4	1.72	.64	.79	.94	30.8	9.0	1.94	.66	.81	.96	29.4	8.6	2.18	.67	.83	.99	28.0	8.2	2.44	.68	.86	1.00
	1185	560	32.6	9.6	1.73	.66	.82	.98	31.4	9.2	1.94	.68	.85	1.00	30.0	8.8	2.18	.69	.87	1.00	28.6	8.4	2.45	.71	.90	1.00
71°F (22°C)	945	445	32.8	9.6	1.73	.48	.61	.74	31.6	9.3	1.94	.48	.62	.76	30.2	8.9	2.19	.48	.64	.78	28.8	8.4	2.45	.49	.65	.80
	1050	495	33.4	9.8	1.73	.49	.63	.77	32.2	9.4	1.95	.49	.64	.79	31.0	9.1	2.19	.50	.65	.81	29.4	8.6	2.46	.50	.67	.83
	1185	560	34.2	10.0	1.74	.50	.65	.80	32.8	9.6	1.95	.50	.66	.82	31.6	9.3	2.20	.51	.68	.84	30.2	8.9	2.47	.52	.70	.87

COOLING CAPACITY - 13ACD-030 with RFC [CH33-36B-2F + G61MPV-36B-045]

63°F (17°C)	945	445	29.8	8.7	1.71	.79	.93	1.00	28.6	8.4	1.92	.81	.96	1.00	27.4	8.0	2.16	.82	.98	1.00	26.2	7.7	2.42	.85	1.00	1.00
	1050	495	30.6	9.0	1.71	.81	.97	1.00	29.4	8.6	1.92	.83	.99	1.00	28.2	8.3	2.16	.85	1.00	1.00	26.8	7.9	2.43	.88	1.00	1.00
	1185	560	31.2	9.1	1.72	.84	.99	1.00	30.0	8.8	1.93	.86	1.00	1.00	29.0	8.5	2.17	.89	1.00	1.00	27.8	8.1	2.44	.92	1.00	1.00
67°F (19°C)	945	445	31.2	9.1	1.72	.63	.77	.90	30.2	8.9	1.93	.64	.78	.92	28.8	8.4	2.17	.65	.80	.95	27.6	8.1	2.44	.66	.82	.98
	1050	495	31.8	9.3	1.72	.64	.79	.93	30.8	9.0	1.94	.65	.81	.96	29.4	8.6	2.18	.67	.83	.98	28.0	8.2	2.44	.68	.85	1.00
	1185	560	32.4	9.5	1.72	.66	.82	.97	31.4	9.2	1.94	.67	.84	.99	30.0	8.8	2.18	.69	.86	1.00	28.6	8.4	2.45	.70	.89	1.00
71°F (22°C)	945	445	32.6	9.6	1.73	.48	.61	.74	31.4	9.2	1.94	.48	.62	.76	30.2	8.9	2.18	.49	.63	.77	29.0	8.5	2.45	.49	.65	.79
	1050	495	33.4	9.8	1.73	.49	.63	.77	32.2	9.4	1.95	.49	.64	.78	30.8	9.0	2.19	.50	.65	.80	29.6	8.7	2.46	.50	.67	.83
	1185	560	34.0	10.0	1.74	.50	.65	.80	32.8	9.6	1.95	.50	.66	.82	31.6	9.3	2.19	.51	.68	.84	30.2	8.9	2.47	.51	.69	.87

COOLING CAPACITY - 13ACD-030 with TXV [CH33-36B-2F + G61MPV-36B-070] [CH33-36B-2F + G71MPP-36B-070]

63°F (17°C)	830	390	29.0	8.5	1.70	.76	.90	1.00	27.8	8.1	1.91	.78	.92	1.00	26.6	7.8	2.15	.79	.95	1.00	25.2	7.4	2.41	.81	.97	1.00
	1010	475	30.2	8.9	1.71	.81	.96	1.00	29.0	8.5	1.92	.82	.98	1.00	27.8	8.1	2.16	.85	1.00	1.00	26.6	7.8	2.43	.87	1.00	1.00
	1155	545	31.0	9.1	1.72	.84	.99	1.00	30.0	8.8	1.93	.86	1.00	1.00	28.8	8.4	2.17	.88	1.00	1.00	27.6	8.1	2.44	.91	1.00	1.00
67°F (19°C)	830	390	30.4	8.9	1.71	.61	.74	.87	29.2	8.6	1.93	.62	.75	.89	28.0	8.2	2.16	.62	.77	.91	26.8	7.9	2.43	.63	.79	.93
	1010	475	31.8	9.3	1.72	.64	.78	.93	30.6	9.0	1.94	.65	.80	.95	29.2	8.6	2.18	.66	.82	.98	27.8	8.1	2.44	.67	.84	1.00
	1155	545	32.4	9.5	1.73	.66	.82	.97	31.2	9.1	1.94	.67	.84	.99	30.0	8.8	2.18	.68	.86	1.00	28.4	8.3	2.45	.70	.89	1.00
71°F (22°C)	830	390	31.8	9.3	1.72	.47	.60	.72	30.6	9.0	1.94	.47	.60	.73	29.4	8.6	2.18	.47	.61	.74	28.0	8.2	2.44	.48	.62	.76
	1010	475	33.2	9.7	1.73	.48	.63	.76	32.0	9.4	1.95	.49	.63	.78	30.6	9.0	2.19	.49	.65	.79	29.2	8.6	2.46	.49	.66	.82
	1155	545	34.0	10.0	1.74	.49	.65	.79	32.8	9.6	1.95	.50	.66	.81	31.4	9.2	2.20	.51	.67	.84	30.0	8.8	2.47	.51	.69	.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.

HORIZONTAL INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - 13ACD-030 with RFC

[CH33-36B-2F + G61MPV-36B-070]
[CH33-36B-2F + G71MPP-36B-070]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	830	390	28.8	8.4	1.70	.76	.90	1.00	27.8	8.1	1.91	.78	.92	1.00	26.6	7.8	2.15	.79	.94	1.00	25.4	7.4	2.41	.81	.97	1.00
	1010	475	30.2	8.9	1.71	.80	.95	1.00	29.0	8.5	1.92	.82	.98	1.00	27.8	8.1	2.16	.84	1.00	1.00	26.6	7.8	2.43	.87	1.00	1.00
	1155	545	31.2	9.1	1.71	.84	.99	1.00	30.0	8.8	1.93	.86	1.00	1.00	28.8	8.4	2.17	.88	1.00	1.00	27.6	8.1	2.44	.91	1.00	1.00
67°F (19°C)	830	390	30.4	8.9	1.71	.61	.74	.86	29.2	8.6	1.92	.62	.75	.88	28.0	8.2	2.16	.62	.77	.90	26.8	7.9	2.43	.63	.78	.93
	1010	475	31.6	9.3	1.72	.64	.78	.92	30.4	8.9	1.93	.65	.80	.94	29.2	8.6	2.17	.66	.82	.97	27.8	8.1	2.44	.67	.84	.99
	1155	545	32.4	9.5	1.72	.66	.81	.96	31.2	9.1	1.94	.67	.83	.98	30.0	8.8	2.18	.68	.85	1.00	28.4	8.3	2.45	.70	.88	1.00
71°F (22°C)	830	390	31.6	9.3	1.72	.47	.60	.71	30.6	9.0	1.93	.47	.60	.73	29.4	8.6	2.18	.48	.61	.74	28.0	8.2	2.44	.47	.62	.76
	1010	475	33.0	9.7	1.73	.48	.62	.76	32.0	9.4	1.95	.49	.63	.77	30.6	9.0	2.19	.49	.64	.79	29.4	8.6	2.46	.50	.66	.81
	1155	545	33.8	9.9	1.73	.49	.64	.79	32.6	9.6	1.95	.50	.66	.81	31.4	9.2	2.20	.50	.67	.83	30.0	8.8	2.46	.51	.69	.86

COOLING CAPACITY - 13ACD-030 with TXV

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

63°F (17°C)	825	390	29.6	8.7	1.71	.75	.88	1.00	28.4	8.3	1.92	.76	.90	1.00	27.0	7.9	2.16	.78	.93	1.00	25.6	7.5	2.42	.80	.96	1.00
	1005	475	31.0	9.1	1.72	.80	.94	1.00	29.6	8.7	1.93	.81	.97	1.00	28.2	8.3	2.17	.83	.99	1.00	26.8	7.9	2.43	.85	1.00	1.00
	1110	525	31.6	9.3	1.72	.82	.97	1.00	30.2	8.9	1.93	.84	1.00	1.00	28.8	8.4	2.17	.85	1.00	1.00	27.6	8.1	2.44	.88	1.00	1.00
67°F (19°C)	825	390	31.4	9.2	1.72	.60	.73	.85	30.2	8.9	1.93	.60	.73	.87	28.8	8.4	2.17	.61	.75	.89	27.4	8.0	2.44	.62	.77	.92
	1005	475	32.6	9.6	1.73	.63	.77	.91	31.4	9.2	1.94	.64	.78	.93	30.0	8.8	2.18	.65	.80	.96	28.6	8.4	2.45	.66	.83	.99
	1110	525	33.4	9.8	1.73	.64	.79	.94	32.0	9.4	1.95	.65	.81	.96	30.4	8.9	2.19	.66	.83	.99	29.0	8.5	2.45	.67	.85	1.00
71°F (22°C)	825	390	33.0	9.7	1.73	.46	.58	.70	31.8	9.3	1.95	.46	.59	.71	30.6	9.0	2.19	.46	.59	.73	29.2	8.6	2.46	.47	.61	.75
	1005	475	34.4	10.1	1.74	.47	.61	.74	33.2	9.7	1.96	.47	.62	.76	31.8	9.3	2.20	.48	.63	.78	30.2	8.9	2.47	.48	.64	.80
	1110	525	35.0	10.3	1.74	.48	.63	.77	33.6	9.8	1.96	.49	.63	.79	32.2	9.4	2.20	.49	.65	.80	30.8	9.0	2.47	.50	.66	.83

COOLING CAPACITY - 13ACD-030 with RFC

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

63°F (17°C)	825	390	29.6	8.7	1.70	.75	.88	1.00	28.4	8.3	1.92	.75	.90	1.00	27.2	8.0	2.15	.78	.92	1.00	25.8	7.6	2.42	.80	.95	1.00
	1005	475	31.0	9.1	1.71	.79	.94	1.00	29.8	8.7	1.93	.80	.96	1.00	28.4	8.3	2.17	.82	.99	1.00	27.0	7.9	2.43	.85	1.00	1.00
	1110	525	31.6	9.3	1.72	.81	.97	1.00	30.4	8.9	1.93	.83	.99	1.00	29.0	8.5	2.17	.85	1.00	1.00	27.8	8.1	2.44	.87	1.00	1.00
67°F (19°C)	825	390	31.4	9.2	1.72	.60	.72	.84	30.2	8.9	1.93	.60	.73	.86	28.8	8.4	2.17	.61	.75	.89	27.6	8.1	2.44	.62	.77	.91
	1005	475	32.6	9.6	1.73	.62	.76	.90	31.4	9.2	1.94	.63	.78	.92	30.0	8.8	2.18	.65	.80	.95	28.6	8.4	2.45	.66	.82	.98
	1110	525	33.4	9.8	1.73	.64	.79	.93	32.0	9.4	1.95	.65	.81	.96	30.6	9.0	2.19	.66	.83	.98	29.0	8.5	2.45	.67	.85	1.00
71°F (22°C)	825	390	33.0	9.7	1.73	.46	.58	.70	31.8	9.3	1.94	.46	.60	.71	30.6	9.0	2.19	.46	.59	.72	29.2	8.6	2.45	.47	.61	.74
	1005	475	34.2	10.0	1.74	.48	.61	.74	33.0	9.7	1.95	.47	.62	.76	31.8	9.3	2.20	.48	.63	.78	30.4	8.9	2.47	.49	.64	.80
	1110	525	34.8	10.2	1.74	.48	.62	.76	33.6	9.8	1.96	.48	.63	.78	32.2	9.4	2.20	.49	.65	.80	30.8	9.0	2.47	.50	.66	.82

COOLING CAPACITY - 13ACD-030 with TXV

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

63°F (17°C)	945	445	30.4	8.9	1.71	.78	.92	1.00	29.2	8.6	1.93	.80	.95	1.00	28.0	8.2	2.16	.81	.97	1.00	26.4	7.7	2.43	.84	1.00	1.00
	1050	495	31.2	9.1	1.72	.81	.96	1.00	30.0	8.8	1.93	.82	.98	1.00	28.6	8.4	2.17	.84	1.00	1.00	27.2	8.0	2.44	.87	1.00	1.00
	1185	560	32.0	9.4	1.72	.84	.99	1.00	30.6	9.0	1.94	.86	1.00	1.00	29.4	8.6	2.18	.88	1.00	1.00	28.2	8.3	2.45	.91	1.00	1.00
67°F (19°C)	945	445	32.2	9.4	1.73	.61	.76	.89	31.0	9.1	1.94	.63	.77	.91	29.8	8.7	2.18	.64	.79	.94	28.2	8.3	2.45	.65	.81	.97
	1050	495	33.0	9.7	1.73	.63	.78	.92	31.6	9.3	1.95	.65	.80	.95	30.2	8.9	2.19	.66	.82	.97	28.8	8.4	2.45	.67	.84	1.00
	1185	560	33.8	9.9	1.74	.65	.81	.96	32.4	9.5	1.95	.66	.83	.99	30.8	9.0	2.19	.68	.85	1.00	29.2	8.6	2.46	.69	.88	1.00
71°F (22°C)	945	445	34.0	10.0	1.74	.47	.60	.73	32.8	9.6	1.95	.47	.61	.75	31.4	9.2	2.20	.48	.62	.76	30.0	8.8	2.47	.48	.63	.78
	1050	495	34.6	10.1	1.74	.48	.62	.76	33.4	9.8	1.96	.48	.63	.77	32.0	9.4	2.20	.49	.64	.79	30.4	8.9	2.47	.49	.65	.82
	1185	560	35.4	10.4	1.75	.49	.63	.79	34.0	10.0	1.97	.50	.65	.81	32.6	9.6	2.21	.50	.66	.83	31.0	9.1	2.48	.51	.68	.84

COOLING CAPACITY - 13ACD-030 with RFC

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

63°F (17°C)	945	445	30.6	9.0	1.71	.78	.92	1.00	29.4	8.6	1.92	.79	.94	1.00	28.0	8.2	2.16	.81	.97	1.00	26.6	7.8	2.43	.83	.99	1.00
	1050	495	31.4	9.2	1.72	.80	.95	1.00	30.0	8.8	1.93	.82	.98	1.00	28.6	8.4	2.17	.84	1.00	1.00	27.4	8.0	2.43	.87	1.00	1.00
	1185	560	32.0	9.4	1.72	.83	.99	1.00	30.6	9.0	1.93	.85	1.00	1.00	29.6	8.7	2.18	.87	1.00	1.00	28.2	8.3	2.45	.90	1.00	1.00
67°F (19°C)	945	445	32.2	9.4	1.72	.61	.75	.88	31.0	9.1	1.94	.63	.77	.91	29.6	8.7	2.18	.64	.79	.93	28.4	8.3	2.44	.65	.81	.96
	1050	495	33.0	9.7	1.73	.63	.78	.92	31.8	9.3	1.94	.64	.80	.94	30.2	8.9	2.18	.66	.81	.97	28.8	8.4	2.45	.66	.84	1.00
	1185	560	33.8	9.9	1.73	.65	.80	.96	32.4	9.5	1.95	.66	.83	.98	30.8	9.0	2.19	.67	.85	1.00	29.4	8.6	2.46	.69	.87	1.00
71°F (22°C)	945	445	33.8	9.9	1.73	.47	.60	.73	32.8	9.6	1.95	.47	.61	.74	31.4	9.2	2.19	.48	.62	.76	30.0	8.8	2.46	.48	.63	.78
	1050	495	34.4	10.1	1.74	.48	.62	.75	33.4	9.8	1.96	.48	.63	.77	32.0	9.4	2.20	.49	.64	.79	30.4	8.9	2.47	.50	.65	.80
	1185	560	35.4	10.4	1.74	.48	.64	.78	34.0	10.0	1.96	.49	.65	.80	32.6	9.6	2.20	.50	.67	.82	31.0	9.1	2.47	.50	.68	.85

COOLING CAPACITY - 13ACD-030 with TXV

[CH33-42B-2F + G61MPV-36B-070]
[CH33-42B-2F + G71MPP-36B-070]

63°F (17°C)	830	390	29.6	8.7	1.71	.75	.88	1.00	28.4	8.3	1.92	.76	.91	1.00	27.2	8.0	2.16	.78	.93	1.00	25.8	7.6	2.42	.80	.96	1.00
	1010	475	31.0	9.1	1.72	.80	.95	1.00	29.8	8.7	1.93	.81	.97	1.00	28.4	8.3	2.17	.83	.99	1.00	26.8	7.9	2.43	.86	1.00	1.00
	1155	545	31.8	9.3	1.72	.83	.99	1.00	30.4	8.9	1.94	.84	1.00	1.00	29.2	8.6	2.18	.87	1.00	1.00	28.0	8.2	2.44	.90	1.00	1.00
67°F (19°C)	830	390	31.4	9.2	1.72	.60	.73	.85	30.2	8.9	1.93	.60	.73	.87	29.0	8.5	2.17	.61	.76	.89	27.6	8.1	2.44	.62	.77	.92
	1010	475	32.6	9.6	1.73	.62	.77	.91	31.4	9.2	1.94	.64	.79	.93	30.0	8.8	2.18	.65	.81	.96	28.6	8.4	2.45	.66	.83	.99
	1155	545	33.6	9.8	1.74	.65	.80	.95	32.2	9.4	1.95	.66	.82	.98	30.6	9.0	2.19	.67	.85	1.00	29.2	8.6	2.46	.68	.87	1.00
71°F (22°C)	830	390	33.2	9.7	1.73	.46	.58	.71	31.8	9.3	1.95	.46	.59	.71	30.6	9.0	2.19	.47	.59	.73	29.2	8.6	2.46	.47	.61	.75
	1010	475	34.4	10.1	1.74	.48	.61	.75	33.2	9.7	1.96	.47	.62	.76	31.8	9.3	2.20	.49	.64	.78	30.4	8.9	2.47	.49	.65	.80
	1155	545	35.2	10.3	1.75	.48	.64	.78	34.0	10.0	1.96	.49	.65	.80	32.4	9.5	2.21	.50	.66	.82	31.0	9.1	2.47	.50	.67	.84

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		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - 13ACD-030 with RFC																										**[CH33-42B-2F + G61MPV-36B-070] [CH33-42B-2F + G71MPP-36B-070]**
63°F (17°C)	830	390	29.6	8.7	1.70	.75	.88	1.00	28.4	8.3	1.92	.76	.90	1.00	27.2	8.0	2.15	.78	.93	1.00	25.8	7.6	2.42	.80	.95	1.00
	1010	475	31.0	9.1	1.72	.79	.94	1.00	29.8	8.7	1.93	.81	.96	1.00	28.4	8.3	2.17	.83	.99	1.00	27.0	7.9	2.43	.85	1.00	1.00
	1155	545	31.8	9.3	1.72	.82	.98	1.00	30.6	9.0	1.93	.84	1.00	1.00	29.2	8.6	2.17	.87	1.00	1.00	28.0	8.2	2.44	.89	1.00	1.00
67°F (19°C)	830	390	31.4	9.2	1.72	.60	.73	.85	30.2	8.9	1.93	.60	.74	.86	29.0	8.5	2.17	.61	.75	.89	27.6	8.1	2.44	.62	.77	.91
	1010	475	32.8	9.6	1.73	.62	.77	.90	31.4	9.2	1.94	.64	.78	.93	30.0	8.8	2.18	.65	.80	.95	28.6	8.4	2.45	.66	.83	.98
	1155	545	33.6	9.8	1.73	.65	.80	.95	32.2	9.4	1.95	.66	.82	.97	30.8	9.0	2.19	.67	.84	1.00	29.2	8.6	2.45	.68	.86	1.00
71°F (22°C)	830	390	33.0	9.7	1.73	.46	.59	.70	32.0	9.4	1.94	.46	.60	.71	30.6	9.0	2.19	.47	.60	.73	29.2	8.6	2.46	.47	.61	.74
	1010	475	34.2	10.0	1.74	.48	.61	.74	33.0	9.7	1.95	.48	.62	.76	31.8	9.3	2.20	.49	.63	.78	30.4	8.9	2.47	.49	.65	.80
	1155	545	35.2	10.3	1.74	.48	.63	.77	33.8	9.9	1.96	.49	.64	.79	32.4	9.5	2.20	.50	.65	.81	31.0	9.1	2.47	.50	.67	.84

AIR HANDLERS

COOLING CAPACITY - 13ACD-030 with TXV																										**[CB26UH-030-R]**
63°F (17°C)	965	455	30.2	8.9	1.71	.77	.92	1.00	29.0	8.5	1.92	.79	.95	1.00	27.8	8.1	2.16	.81	.97	1.00	26.6	7.8	2.43	.84	1.00	1.00
	1155	545	31.2	9.1	1.72	.81	.97	1.00	30.2	8.9	1.93	.84	1.00	1.00	29.0	8.5	2.17	.86	1.00	1.00	28.0	8.2	2.44	.89	1.00	1.00
67°F (19°C)	965	455	32.0	9.4	1.72	.61	.75	.88	30.8	9.0	1.94	.62	.77	.91	29.6	8.7	2.18	.63	.79	.94	28.2	8.3	2.45	.64	.81	.97
	1155	545	32.8	9.6	1.73	.63	.79	.94	31.8	9.3	1.95	.65	.81	.97	30.4	8.9	2.19	.66	.83	.99	29.0	8.5	2.45	.68	.86	1.00
71°F (22°C)	965	455	33.6	9.8	1.74	.47	.60	.73	32.6	9.6	1.95	.47	.61	.74	31.4	9.2	2.20	.47	.62	.76	30.0	8.8	2.46	.47	.63	.78
	1155	545	34.8	10.2	1.74	.48	.62	.76	33.6	9.8	1.96	.48	.63	.78	32.2	9.4	2.20	.48	.65	.81	30.8	9.0	2.47	.49	.66	.84
COOLING CAPACITY - 13ACD-030 with TXV																										**[CB30M-21/26]**
63°F (17°C)	715	335	27.8	8.1	1.69	.72	.85	.97	26.8	7.9	1.90	.74	.87	.99	25.6	7.5	2.14	.75	.89	1.00	24.2	7.1	2.40	.77	.92	1.00
	880	415	29.2	8.6	1.70	.77	.91	1.00	28.0	8.2	1.92	.78	.93	1.00	26.6	7.8	2.15	.80	.96	1.00	25.2	7.4	2.41	.82	.98	1.00
	990	465	29.8	8.7	1.71	.79	.95	1.00	28.6	8.4	1.92	.81	.97	1.00	27.4	8.0	2.16	.83	.99	1.00	26.0	7.6	2.42	.85	1.00	1.00
67°F (19°C)	715	335	29.6	8.7	1.71	.58	.70	.82	29.4	8.6	1.92	.58	.73	.83	27.2	8.0	2.16	.59	.72	.85	25.8	7.6	2.42	.60	.74	.88
	880	415	31.0	9.1	1.72	.61	.74	.88	29.6	8.7	1.93	.61	.75	.90	28.4	8.3	2.17	.62	.77	.92	27.0	7.9	2.43	.63	.79	.95
	990	465	31.6	9.3	1.72	.62	.77	.91	30.4	8.9	1.94	.63	.79	.94	29.0	8.5	2.17	.64	.81	.96	27.6	8.1	2.44	.65	.83	.98
71°F (22°C)	715	335	31.2	9.1	1.72	.45	.57	.67	30.0	8.8	1.93	.45	.57	.69	28.8	8.4	2.17	.45	.57	.70	27.4	8.0	2.44	.45	.58	.71
	880	415	32.6	9.6	1.73	.46	.59	.72	31.4	9.2	1.94	.46	.60	.73	30.0	8.8	2.18	.46	.60	.74	28.6	8.4	2.45	.46	.62	.77
	990	465	33.2	9.7	1.73	.47	.61	.74	32.0	9.4	1.95	.47	.62	.75	30.8	9.0	2.19	.47	.63	.78	29.2	8.6	2.46	.47	.64	.80
COOLING CAPACITY - 13ACD-030 with TXV																										**[CB30M-31]**
63°F (17°C)	875	415	29.4	8.6	1.71	.77	.92	1.00	28.2	8.3	1.92	.79	.94	1.00	27.0	7.9	2.15	.80	.96	1.00	25.4	7.4	2.42	.82	.99	1.00
	1000	470	30.2	8.9	1.71	.81	.96	1.00	29.0	8.5	1.92	.82	.98	1.00	27.8	8.1	2.16	.84	1.00	1.00	26.4	7.7	2.43	.86	1.00	1.00
	1125	530	31.0	9.1	1.72	.83	.99	1.00	29.8	8.7	1.93	.85	1.00	1.00	28.6	8.4	2.17	.88	1.00	1.00	27.2	8.0	2.44	.90	1.00	1.00
67°F (19°C)	875	415	31.2	9.1	1.72	.60	.75	.88	30.0	8.8	1.93	.62	.76	.90	28.6	8.4	2.17	.62	.78	.93	27.2	8.0	2.44	.63	.80	.96
	1000	470	32.0	9.4	1.72	.62	.78	.93	30.8	9.0	1.94	.63	.80	.95	29.4	8.6	2.18	.64	.82	.97	28.0	8.2	2.44	.66	.84	.99
	1125	530	32.6	9.6	1.73	.65	.81	.96	31.4	9.2	1.94	.66	.83	.98	30.0	8.8	2.18	.67	.85	1.00	28.4	8.3	2.45	.68	.88	1.00
71°F (22°C)	875	415	33.0	9.7	1.73	.46	.59	.72	31.6	9.3	1.95	.46	.60	.74	30.4	8.9	2.19	.46	.61	.75	28.8	8.4	2.45	.47	.62	.77
	1000	470	33.8	9.9	1.74	.47	.62	.75	32.6	9.6	1.95	.47	.62	.77	31.0	9.1	2.19	.47	.64	.79	29.6	8.7	2.46	.48	.65	.81
	1125	530	34.4	10.1	1.74	.47	.63	.79	33.2	9.7	1.96	.48	.65	.80	31.6	9.3	2.20	.49	.66	.83	30.2	8.9	2.47	.49	.67	.85
COOLING CAPACITY - 13ACD-030 with TXV																										**[CB30M-41]**
63°F (17°C)	875	415	29.6	8.7	1.71	.77	.92	1.00	28.2	8.3	1.92	.79	.94	1.00	27.0	7.9	2.15	.80	.97	1.00	25.6	7.5	2.42	.83	.99	1.00
	1000	470	30.4	8.9	1.71	.81	.96	1.00	29.2	8.6	1.93	.82	.98	1.00	27.8	8.1	2.16	.84	1.00	1.00	26.6	7.8	2.43	.87	1.00	1.00
	1125	530	31.2	9.1	1.72	.84	.99	1.00	30.0	8.8	1.93	.86	1.00	1.00	28.6	8.4	2.17	.88	1.00	1.00	27.4	8.0	2.44	.91	1.00	1.00
67°F (19°C)	875	415	31.4	9.2	1.72	.61	.75	.89	30.2	8.9	1.93	.62	.76	.91	28.8	8.4	2.17	.63	.78	.93	27.2	8.0	2.44	.63	.80	.96
	1000	470	32.2	9.4	1.73	.63	.78	.93	30.8	9.0	1.94	.64	.80	.95	29.4	8.6	2.18	.65	.82	.97	28.0	8.2	2.44	.66	.84	1.00
	1125	530	32.8	9.6	1.73	.65	.81	.97	31.6	9.3	1.95	.66	.83	.99	30.0	8.8	2.18	.67	.86	1.00	28.4	8.3	2.45	.69	.88	1.00
71°F (22°C)	875	415	33.2	9.7	1.73	.46	.59	.73	31.8	9.3	1.95	.46	.60	.74	30.4	8.9	2.19	.47	.61	.76	28.8	8.4	2.45	.46	.62	.78
	1000	470	34.0	10.0	1.74	.46	.61	.76	32.6	9.6	1.95	.47	.62	.78	31.2	9.1	2.19	.47	.64	.79	29.6	8.7	2.46	.48	.65	.82
	1125	530	34.8	10.2	1.74	.48	.64	.80	33.4	9.8	1.96	.48	.65	.81	31.8	9.3	2.20	.49	.66	.83	30.2	8.9	2.47	.49	.68	.86
COOLING CAPACITY - 13ACD-030 with TXV																										**[CBX32MV-36] [CBX40UHV-036]**
63°F (17°C)	900	425	29.8	8.7	1.71	.78	.93	1.00	28.4	8.3	1.92	.80	.95	1.00	27.2	8.0	2.16	.81	.97	1.00	25.8	7.6	2.42	.84	1.00	1.00
	1000	470	30.4	8.9	1.71	.81	.96	1.00	29.2	8.6	1.93	.82	.98	1.00	27.8	8.1	2.16	.84	1.00	1.00	26.6	7.8	2.43	.87	1.00	1.00
	1135	535	31.4	9.2	1.72	.84	.99	1.00	30.0	8.8	1.93	.86	1.00	1.00	28.8	8.4	2.17	.88	1.00	1.00	27.4	8.0	2.44	.91	1.00	1.00
67°F (19°C)	900	425	31.6	9.3	1.72	.61	.75	.90	30.4	8.9	1.94	.62	.77	.92	29.0	8.5	2.17	.63	.79	.94	27.4	8.0	2.44	.64	.81	.97
	1000	470	32.2	9.4	1.73	.63	.78	.93	30.8	9.0	1.94	.64	.80	.95	29.6	8.7	2.18	.65	.82	.97	28.0	8.2	2.44	.66	.84	1.00
	1135	535	33.0	9.7	1.73	.65	.82	.97	31.6	9.3	1.95	.66	.84	.99	30.0	8.8	2.18	.67	.86	1.00	28.6	8.4	2.45	.69	.89	1.00
71°F (22°C)	900	425	33.4	9.8	1.73	.46	.60	.73	32.0	9.4	1.95	.46	.60	.74	30.6	9.0	2.19	.47	.62	.76	29.0	8.5	2.45	.47	.63	.78
	1000	470	34.0	10.0	1.74	.46	.61	.76	32.6	9.6	1.95	.47	.62	.78	31.2	9.1	2.19	.47	.64	.79	29.8	8.7	2.46	.48	.65	.82
	1135	535	34.8	10.2	1.74	.48	.64	.79	33.4	9.8	1.96	.48	.65	.81	31.8	9.3	2.20	.48	.66	.83	30.4	8.9	2.47	.49	.68	.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.

UP-FLOW INDOOR COILS

COOLING CAPACITY - 13ACD-036 with TXV [C33-38B]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1050	495	35.2	10.3	2.26	.77	.91	1.00	33.6	9.8	2.53	.79	.93	1.00	32.2	9.4	2.83	.81	.96	1.00	30.6	9.0	3.16	.83	.98	1.00
	1200	565	36.2	10.6	2.27	.80	.95	1.00	34.6	10.1	2.54	.82	.98	1.00	33.0	9.7	2.84	.84	1.00	1.00	31.6	9.3	3.17	.86	1.00	1.00
	1350	635	37.0	10.8	2.29	.83	.99	1.00	35.6	10.4	2.55	.85	1.00	1.00	34.0	10.0	2.86	.87	1.00	1.00	32.6	9.6	3.19	.90	1.00	1.00
67°F (19°C)	1050	495	37.2	10.9	2.29	.62	.75	.88	35.8	10.5	2.56	.62	.76	.90	34.2	10.0	2.86	.64	.78	.92	32.6	9.6	3.19	.65	.80	.95
	1200	565	38.0	11.1	2.30	.63	.78	.92	36.6	10.7	2.57	.65	.79	.94	35.0	10.3	2.87	.66	.82	.97	33.2	9.7	3.20	.67	.84	.99
	1350	635	39.0	11.4	2.31	.65	.81	.96	37.4	11.0	2.58	.67	.83	.98	35.6	10.4	2.88	.68	.85	1.00	33.8	9.9	3.22	.69	.88	1.00
71°F (22°C)	1050	495	39.0	11.4	2.31	.48	.60	.73	37.6	11.0	2.58	.48	.61	.73	36.0	10.6	2.89	.48	.62	.76	34.4	10.1	3.22	.49	.63	.78
	1200	565	40.0	11.7	2.33	.48	.62	.75	38.5	11.3	2.60	.48	.63	.77	37.0	10.8	2.90	.49	.64	.79	35.2	10.3	3.24	.50	.66	.81
	1350	635	41.0	12.0	2.34	.49	.64	.78	39.5	11.6	2.61	.50	.65	.80	37.8	11.1	2.92	.50	.67	.83	36.0	10.6	3.25	.51	.68	.85

COOLING CAPACITY - 13ACD-036 with RFC [C33-38B]

63°F (17°C)	1050	495	35.4	10.4	2.25	.77	.91	1.00	33.8	9.9	2.52	.78	.93	1.00	32.4	9.5	2.81	.80	.95	1.00	30.8	9.0	3.14	.82	.98	1.00
	1200	565	36.4	10.7	2.26	.80	.94	1.00	34.8	10.2	2.53	.81	.97	1.00	33.2	9.7	2.83	.83	.99	1.00	31.6	9.3	3.16	.86	1.00	1.00
	1350	635	37.2	10.9	2.27	.82	.98	1.00	35.6	10.4	2.54	.84	1.00	1.00	34.2	10.0	2.84	.87	1.00	1.00	32.8	9.6	3.18	.89	1.00	1.00
67°F (19°C)	1050	495	37.0	10.8	2.27	.62	.74	.87	35.6	10.4	2.54	.62	.76	.89	34.0	10.0	2.84	.64	.78	.91	32.6	9.6	3.17	.64	.80	.94
	1200	565	38.0	11.1	2.29	.63	.77	.91	36.6	10.7	2.56	.64	.79	.93	35.0	10.3	2.85	.65	.81	.96	33.4	9.8	3.19	.67	.83	.98
	1350	635	39.0	11.4	2.30	.65	.80	.95	37.4	11.0	2.57	.66	.82	.97	35.8	10.5	2.87	.67	.84	1.00	34.0	10.0	3.20	.68	.86	1.00
71°F (22°C)	1050	495	39.0	11.4	2.30	.47	.60	.72	37.4	11.0	2.57	.48	.61	.73	35.8	10.5	2.87	.49	.62	.75	34.4	10.1	3.21	.49	.63	.77
	1200	565	40.0	11.7	2.31	.48	.61	.75	38.5	11.3	2.58	.48	.63	.77	36.8	10.8	2.88	.49	.64	.78	35.0	10.3	3.22	.50	.65	.81
	1350	635	40.5	11.9	2.32	.49	.63	.78	39.0	11.4	2.59	.49	.65	.79	37.4	11.0	2.89	.50	.66	.82	35.8	10.5	3.23	.51	.68	.84

COOLING CAPACITY - 13ACD-036 with TXV [C33-43B/C]

63°F (17°C)	1050	495	35.4	10.4	2.26	.77	.90	1.00	34.0	10.0	2.53	.78	.92	1.00	32.4	9.5	2.83	.80	.95	1.00	30.8	9.0	3.16	.82	.98	1.00
	1200	565	36.6	10.7	2.28	.80	.95	1.00	35.0	10.3	2.55	.81	.97	1.00	33.4	9.8	2.85	.83	.99	1.00	31.8	9.3	3.18	.86	1.00	1.00
	1350	635	37.4	11.0	2.29	.82	.98	1.00	35.8	10.5	2.56	.84	1.00	1.00	34.2	10.0	2.86	.87	1.00	1.00	32.8	9.6	3.20	.89	1.00	1.00
67°F (19°C)	1050	495	37.4	11.0	2.29	.61	.74	.87	35.8	10.5	2.56	.62	.76	.89	34.2	10.0	2.86	.63	.77	.91	32.6	9.6	3.19	.64	.79	.94
	1200	565	38.5	11.3	2.30	.63	.77	.91	36.8	10.8	2.57	.64	.79	.93	35.2	10.3	2.88	.65	.81	.96	33.6	9.8	3.21	.67	.83	.98
	1350	635	39.5	11.6	2.31	.65	.80	.95	37.8	11.1	2.58	.66	.82	.97	36.0	10.6	2.88	.67	.84	.99	34.2	10.0	3.22	.69	.86	1.00
71°F (22°C)	1050	495	39.5	11.6	2.32	.48	.60	.72	37.8	11.1	2.58	.47	.60	.73	36.2	10.6	2.89	.48	.62	.75	34.6	10.1	3.23	.49	.63	.77
	1200	565	40.0	11.7	2.33	.48	.62	.75	38.5	11.3	2.60	.48	.63	.77	37.0	10.8	2.90	.49	.64	.78	35.4	10.4	3.24	.50	.65	.80
	1350	635	41.0	12.0	2.34	.49	.64	.78	39.5	11.6	2.61	.50	.65	.79	37.8	11.1	2.92	.50	.66	.82	36.0	10.6	3.25	.51	.68	.84

COOLING CAPACITY - 13ACD-036 with RFC [C33-43B/C]

63°F (17°C)	1000	470	35.2	10.3	2.25	.75	.88	1.00	33.8	9.9	2.52	.77	.91	1.00	32.2	9.4	2.81	.79	.93	1.00	30.8	9.0	3.14	.80	.95	1.00
	1150	545	36.4	10.7	2.26	.78	.92	1.00	34.8	10.2	2.53	.80	.95	1.00	33.2	9.7	2.83	.82	.97	1.00	31.6	9.3	3.16	.84	1.00	1.00
	1300	615	37.2	10.9	2.27	.81	.96	1.00	35.6	10.4	2.54	.82	.98	1.00	34.0	10.0	2.84	.84	1.00	1.00	32.6	9.6	3.17	.87	1.00	1.00
67°F (19°C)	1000	470	36.8	10.8	2.27	.61	.73	.85	35.6	10.4	2.54	.62	.74	.87	34.0	10.0	2.84	.62	.76	.89	32.4	9.5	3.17	.64	.78	.92
	1150	545	38.0	11.1	2.29	.62	.76	.89	36.6	10.7	2.56	.63	.77	.91	35.0	10.3	2.86	.64	.79	.94	33.4	9.8	3.19	.66	.81	.96
	1300	615	39.0	11.4	2.30	.63	.78	.92	37.4	11.0	2.57	.65	.80	.95	35.8	10.5	2.87	.66	.82	.98	34.2	10.0	3.20	.67	.85	1.00
71°F (22°C)	1000	470	38.5	11.3	2.29	.47	.59	.70	37.0	10.8	2.56	.47	.60	.72	35.6	10.4	2.86	.48	.61	.73	34.0	10.0	3.20	.48	.62	.75
	1150	545	39.5	11.6	2.31	.48	.61	.73	38.0	11.1	2.58	.49	.62	.75	36.6	10.7	2.88	.49	.63	.76	35.0	10.3	3.21	.49	.64	.78
	1300	615	40.5	11.9	2.32	.49	.62	.76	39.0	11.4	2.59	.49	.63	.77	37.4	11.0	2.89	.50	.65	.79	35.8	10.5	3.22	.50	.66	.82

COOLING CAPACITY - 13ACD-036 with TXV [C33-50/60C]

63°F (17°C)	1050	495	35.2	10.3	2.26	.76	.90	1.00	33.8	9.9	2.53	.78	.92	1.00	32.2	9.4	2.83	.80	.95	1.00	30.6	9.0	3.16	.82	.97	1.00
	1200	565	36.2	10.6	2.27	.79	.94	1.00	34.8	10.2	2.54	.81	.96	1.00	33.2	9.7	2.84	.83	.99	1.00	31.6	9.3	3.17	.85	1.00	1.00
	1350	635	37.2	10.9	2.29	.82	.97	1.00	35.6	10.4	2.56	.84	1.00	1.00	34.0	10.0	2.86	.86	1.00	1.00	32.6	9.6	3.19	.89	1.00	1.00
67°F (19°C)	1050	495	37.0	10.8	2.28	.62	.74	.86	35.6	10.4	2.56	.62	.75	.89	34.2	10.0	2.86	.63	.77	.91	32.6	9.6	3.19	.64	.79	.93
	1200	565	38.5	11.3	2.30	.63	.77	.90	36.8	10.8	2.57	.64	.79	.93	35.0	10.3	2.87	.65	.80	.95	33.4	9.8	3.21	.66	.83	.98
	1350	635	39.0	11.4	2.31	.65	.80	.94	37.6	11.0	2.58	.66	.81	.97	35.8	10.5	2.89	.67	.84	.99	34.0	10.0	3.22	.69	.86	1.00
71°F (22°C)	1050	495	39.0	11.4	2.31	.47	.60	.71	37.8	11.1	2.59	.47	.61	.73	36.2	10.6	2.89	.48	.62	.75	34.6	10.1	3.23	.49	.63	.76
	1200	565	40.0	11.7	2.32	.48	.61	.74	38.5	11.3	2.60	.48	.63	.76	37.0	10.8	2.90	.49	.64	.78	35.4	10.4	3.24	.50	.65	.80
	1350	635	41.0	12.0	2.34	.49	.63	.77	39.5	11.6	2.61	.49	.64	.79	37.8	11.1	2.91	.50	.66	.81	36.0	10.6	3.25	.51	.67	.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.

UP-FLOW INDOOR COIL WITH GAS FURNACES

COOLING CAPACITY - 13ACD-036 with TXV [C33-38A + G60UHV-36A-070]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	1085	510	35.4	10.4	2.26	.77	.92	1.00	33.8	9.9	2.53	.79	.94	1.00	32.4	9.5	2.83	.81	.96	1.00	30.6	9.0	3.16	.83	.99	1.00
	1230	580	36.4	10.7	2.27	.80	.96	1.00	34.8	10.2	2.54	.82	.98	1.00	33.2	9.7	2.84	.85	1.00	1.00	31.8	9.3	3.18	.87	1.00	1.00
	1380	650	37.2	10.9	2.29	.84	.99	1.00	35.6	10.4	2.55	.86	1.00	1.00	34.2	10.0	2.86	.88	1.00	1.00	32.8	9.6	3.20	.91	1.00	1.00
67°F (19°C)	1085	510	37.2	10.9	2.29	.62	.75	.88	35.8	10.5	2.56	.62	.77	.90	34.2	10.0	2.86	.64	.78	.93	32.6	9.6	3.19	.65	.80	.95
	1230	580	38.0	11.1	2.30	.64	.78	.92	36.6	10.7	2.57	.65	.80	.95	35.0	10.3	2.87	.66	.82	.97	33.4	9.8	3.21	.67	.84	1.00
	1380	650	39.0	11.4	2.31	.66	.81	.96	37.6	11.0	2.58	.67	.83	.99	35.8	10.5	2.88	.68	.86	1.00	34.0	10.0	3.22	.70	.88	1.00
71°F (22°C)	1085	510	39.5	11.6	2.32	.47	.60	.72	37.8	11.1	2.59	.47	.61	.74	36.2	10.6	2.89	.48	.62	.76	34.6	10.1	3.23	.48	.63	.78
	1230	580	40.5	11.9	2.33	.48	.62	.75	39.0	11.4	2.60	.48	.63	.78	37.0	10.8	2.90	.49	.64	.79	35.4	10.4	3.24	.50	.66	.82
	1380	650	41.0	12.0	2.34	.49	.65	.79	39.5	11.6	2.61	.50	.65	.81	37.8	11.1	2.92	.50	.67	.83	36.0	10.6	3.25	.51	.68	.85

COOLING CAPACITY - 13ACD-036 with RFC [C33-38A + G60UHV-36A-070]

63°F (17°C)	1085	510	35.4	10.4	2.25	.77	.91	1.00	34.0	10.0	2.52	.79	.93	1.00	32.4	9.5	2.82	.80	.96	1.00	31.0	9.1	3.15	.82	.98	1.00
	1230	580	36.4	10.7	2.27	.80	.95	1.00	35.0	10.3	2.53	.82	.97	1.00	33.4	9.8	2.83	.84	1.00	1.00	31.8	9.3	3.16	.86	1.00	1.00
	1380	650	37.2	10.9	2.28	.82	.98	1.00	35.6	10.4	2.54	.85	1.00	1.00	34.2	10.0	2.84	.87	1.00	1.00	32.8	9.6	3.18	.90	1.00	1.00
67°F (19°C)	1085	510	37.2	10.9	2.28	.62	.74	.87	35.8	10.5	2.54	.62	.76	.90	34.2	10.0	2.84	.63	.78	.92	32.6	9.6	3.17	.65	.80	.95
	1230	580	38.5	11.3	2.29	.63	.78	.91	36.8	10.8	2.56	.64	.79	.94	35.2	10.3	2.86	.65	.81	.96	33.6	9.8	3.19	.67	.83	.99
	1380	650	39.0	11.4	2.30	.65	.80	.95	37.6	11.0	2.57	.66	.82	.97	35.8	10.5	2.87	.68	.84	1.00	34.2	10.0	3.20	.69	.87	1.00
71°F (22°C)	1085	510	39.0	11.4	2.30	.47	.60	.72	37.4	11.0	2.57	.47	.61	.74	36.0	10.6	2.87	.48	.61	.75	34.4	10.1	3.21	.48	.63	.77
	1230	580	40.0	11.7	2.31	.48	.62	.75	38.5	11.3	2.58	.48	.62	.77	36.8	10.8	2.89	.49	.64	.79	35.2	10.3	3.22	.50	.65	.81
	1380	650	41.0	12.0	2.32	.49	.63	.78	39.5	11.6	2.60	.49	.65	.80	37.6	11.0	2.90	.50	.66	.82	35.8	10.5	3.23	.50	.68	.84

COOLING CAPACITY - 13ACD-036 with TXV [C33-38B + G60UHV-36B-090]

63°F (17°C)	1090	515	35.2	10.3	2.26	.77	.92	1.00	33.8	9.9	2.53	.79	.94	1.00	32.4	9.5	2.83	.81	.96	1.00	30.6	9.0	3.16	.83	.99	1.00
	1225	580	36.2	10.6	2.27	.80	.95	1.00	34.6	10.1	2.54	.82	.98	1.00	33.0	9.7	2.84	.84	1.00	1.00	31.6	9.3	3.17	.86	1.00	1.00
	1385	655	37.0	10.8	2.29	.83	.99	1.00	35.6	10.4	2.55	.85	1.00	1.00	34.0	10.0	2.85	.88	1.00	1.00	32.6	9.6	3.19	.90	1.00	1.00
67°F (19°C)	1090	515	37.2	10.9	2.29	.62	.75	.88	35.8	10.5	2.56	.62	.76	.90	34.2	10.0	2.86	.64	.78	.93	32.6	9.6	3.19	.64	.80	.95
	1225	580	38.0	11.1	2.30	.63	.77	.92	36.6	10.7	2.57	.64	.79	.94	35.0	10.3	2.87	.65	.81	.97	33.2	9.7	3.20	.67	.84	.99
	1385	655	39.0	11.4	2.31	.65	.81	.96	37.4	11.0	2.58	.66	.83	.98	35.8	10.5	2.88	.68	.85	1.00	34.0	10.0	3.22	.69	.88	1.00
71°F (22°C)	1090	515	39.5	11.6	2.31	.47	.60	.72	37.8	11.1	2.59	.47	.61	.74	36.2	10.6	2.89	.47	.62	.76	34.6	10.1	3.23	.48	.63	.78
	1225	580	40.0	11.7	2.33	.47	.61	.74	38.5	11.3	2.60	.48	.63	.77	37.0	10.8	2.90	.49	.64	.79	35.2	10.3	3.24	.49	.65	.81
	1385	655	41.0	12.0	2.34	.49	.64	.78	39.5	11.6	2.61	.49	.65	.80	37.8	11.1	2.92	.50	.66	.83	36.0	10.6	3.25	.50	.68	.85

COOLING CAPACITY - 13ACD-036 with RFC [C33-38B + G60UHV-36B-090]

63°F (17°C)	1090	515	35.4	10.4	2.25	.77	.91	1.00	34.0	10.0	2.52	.78	.93	1.00	32.4	9.5	2.82	.80	.95	1.00	31.0	9.1	3.14	.82	.98	1.00
	1225	580	36.4	10.7	2.26	.79	.94	1.00	34.8	10.2	2.53	.81	.97	1.00	33.2	9.7	2.83	.83	.99	1.00	31.6	9.3	3.16	.85	1.00	1.00
	1385	655	37.2	10.9	2.27	.82	.98	1.00	35.6	10.4	2.54	.84	1.00	1.00	34.2	10.0	2.84	.87	1.00	1.00	32.8	9.6	3.18	.89	1.00	1.00
67°F (19°C)	1090	515	37.2	10.9	2.28	.61	.74	.87	35.8	10.5	2.54	.62	.76	.89	34.2	10.0	2.84	.63	.78	.92	32.6	9.6	3.17	.64	.80	.94
	1225	580	38.0	11.1	2.29	.62	.77	.91	36.6	10.7	2.56	.64	.79	.93	35.0	10.3	2.85	.65	.81	.96	33.4	9.8	3.19	.66	.83	.99
	1385	655	39.0	11.4	2.30	.64	.80	.95	37.6	11.0	2.57	.66	.82	.97	35.8	10.5	2.87	.67	.84	1.00	34.2	10.0	3.20	.68	.87	1.00
71°F (22°C)	1090	515	39.0	11.4	2.30	.46	.60	.72	37.4	11.0	2.57	.47	.60	.73	36.0	10.6	2.87	.48	.61	.75	34.4	10.1	3.21	.48	.63	.77
	1225	580	40.0	11.7	2.31	.48	.61	.74	38.5	11.3	2.58	.48	.62	.76	36.8	10.8	2.88	.48	.64	.78	35.0	10.3	3.22	.49	.65	.80
	1385	655	40.5	11.9	2.32	.48	.63	.77	39.0	11.4	2.59	.49	.64	.79	37.6	11.0	2.89	.50	.66	.82	35.8	10.5	3.23	.50	.67	.84

COOLING CAPACITY - 13ACD-036 with TXV [C33-38B + G61MPV-36B-045]

63°F (17°C)	1055	500	35.0	10.3	2.26	.77	.91	1.00	33.6	9.8	2.53	.78	.93	1.00	32.0	9.4	2.83	.80	.95	1.00	30.4	8.9	3.16	.82	.98	1.00
	1235	585	36.4	10.7	2.27	.81	.96	1.00	34.8	10.2	2.54	.83	.98	1.00	33.2	9.7	2.84	.85	1.00	1.00	31.6	9.3	3.18	.87	1.00	1.00
	1420	670	37.4	11.0	2.29	.85	1.00	1.00	36.0	10.6	2.56	.87	1.00	1.00	34.6	10.1	2.86	.89	1.00	1.00	33.0	9.7	3.20	.92	1.00	1.00
67°F (19°C)	1055	500	37.0	10.8	2.28	.61	.74	.87	35.6	10.4	2.55	.62	.75	.89	34.0	10.0	2.86	.63	.78	.92	32.4	9.5	3.19	.64	.80	.94
	1235	585	38.0	11.1	2.30	.64	.78	.93	36.8	10.8	2.57	.65	.80	.95	35.0	10.3	2.87	.66	.82	.97	33.4	9.8	3.21	.67	.84	1.00
	1420	670	39.5	11.6	2.32	.66	.82	.97	37.8	11.1	2.59	.68	.84	1.00	36.0	10.6	2.89	.69	.87	1.00	34.0	10.0	3.22	.70	.89	1.00
71°F (22°C)	1055	500	39.0	11.4	2.31	.47	.60	.72	37.6	11.0	2.59	.47	.61	.73	36.0	10.6	2.88	.47	.61	.75	34.4	10.1	3.22	.48	.63	.77
	1235	585	40.5	11.9	2.33	.48	.62	.76	39.0	11.4	2.60	.48	.63	.77	37.0	10.8	2.90	.49	.65	.79	35.4	10.4	3.24	.50	.66	.82
	1420	670	41.5	12.2	2.34	.49	.65	.80	39.5	11.6	2.62	.50	.66	.82	38.0	11.1	2.92	.51	.68	.84	36.2	10.6	3.25	.52	.69	.87

COOLING CAPACITY - 13ACD-036 with RFC [C33-38B + G61MPV-36B-045]

63°F (17°C)	1055	500	35.2	10.3	2.25	.76	.90	1.00	33.8	9.9	2.52	.78	.92	1.00	32.2	9.4	2.81	.80	.95	1.00	30.8	9.0	3.14	.81	.97	1.00
	1235	585	36.4	10.7	2.27	.80	.95	1.00	35.0	10.3	2.53	.82	.97	1.00	33.4	9.8	2.83	.84	1.00	1.00	31.8	9.3	3.16	.86	1.00	1.00
	1420	670	37.4	11.0	2.28	.84	.99	1.00	36.0	10.6	2.55	.86	1.00	1.00	34.6	10.1	2.85	.88	1.00	1.00	33.2	9.7	3.18	.91	1.00	1.00
67°F (19°C)	1055	500	37.0	10.8	2.27	.61	.74	.87	35.6	10.4	2.54	.62	.76	.89	34.0	10.0	2.84	.63	.77	.91	32.4	9.5	3.17	.64	.79	.94
	1235	585	38.5	11.3	2.29	.63	.78	.91	36.8	10.8	2.56	.64	.79	.94	35.2	10.3	2.86	.66	.81	.96	33.6	9.8	3.19	.67	.84	.99
	1420	670	39.5	11.6	2.30	.66	.81	.96	37.8	11.1	2.57	.67	.83	.99	36.0	10.6	2.87	.68	.85	1.00	34.4	10.1	3.20	.70	.88	1.00
71°F (22°C)	1055	500	38.5	11.3	2.30	.47	.60	.71	37.4	11.0	2.57	.47	.60	.73	35.8	10.5	2.87	.48	.61	.75	34.2	10.0	3.20	.48	.63	.77
	1235	585	40.0	11.7	2.31	.48	.62	.75	38.5	11.3	2.58	.48	.62	.77	36.8	10.8	2.89	.49	.64	.79	35.2	10.3	3.22	.50	.65	.81
	1420	670	41.0	12.0	2.33	.49	.64	.78	39.5	11.6	2.60	.50	.65	.81	37.8	11.1	2.90	.50	.67	.83	36.0	10.6	3.23	.51	.69	.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

COOLING CAPACITY - 13ACD-036 with TXV

[C33-38B + G61MPV-36B-070]
[C33-38B + G71MPP-36B-070]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1010	475	34.6	10.1	2.25	.76	.89	1.00	33.2	9.7	2.52	.77	.92	1.00	31.6	9.3	2.82	.79	.94	1.00	30.2	8.9	3.15	.81	.96	1.00
	1155	545	35.8	10.5	2.27	.79	.94	1.00	34.2	10.0	2.54	.81	.96	1.00	32.6	9.6	2.84	.83	.98	1.00	31.0	9.1	3.17	.85	1.00	1.00
	1280	605	36.6	10.7	2.28	.82	.97	1.00	35.0	10.3	2.55	.84	.99	1.00	33.4	9.8	2.85	.86	1.00	1.00	32.0	9.4	3.18	.88	1.00	1.00
67°F (19°C)	1010	475	36.8	10.8	2.28	.61	.74	.86	35.2	10.3	2.55	.61	.75	.88	33.8	9.9	2.85	.62	.77	.90	32.2	9.4	3.19	.63	.78	.93
	1155	545	37.6	11.0	2.29	.62	.76	.90	36.2	10.6	2.56	.63	.78	.92	34.6	10.1	2.87	.64	.80	.95	33.0	9.7	3.20	.66	.82	.98
	1280	605	38.5	11.3	2.30	.64	.79	.94	37.0	10.8	2.57	.65	.81	.96	35.2	10.3	2.88	.66	.83	.99	33.6	9.8	3.21	.68	.85	1.00
71°F (22°C)	1010	475	39.0	11.4	2.31	.46	.59	.71	37.2	10.9	2.58	.47	.60	.72	35.6	10.4	2.88	.47	.60	.74	34.0	10.0	3.22	.48	.62	.76
	1155	545	40.0	11.7	2.32	.47	.61	.74	38.0	11.1	2.59	.48	.62	.76	36.6	10.7	2.90	.48	.63	.78	35.0	10.3	3.23	.49	.64	.80
	1280	605	40.5	11.9	2.33	.48	.62	.77	39.0	11.4	2.60	.49	.64	.78	37.2	10.9	2.91	.49	.65	.80	35.6	10.4	3.24	.50	.67	.83

COOLING CAPACITY - 13ACD-036 with RFC

[C33-38B + G61MPV-36B-070]
[C33-38B + G71MPP-36B-070]

63°F (17°C)	1010	475	34.8	10.2	2.24	.75	.89	1.00	33.4	9.8	2.51	.77	.91	1.00	32.0	9.4	2.81	.79	.93	1.00	30.4	8.9	3.14	.80	.96	1.00
	1155	545	36.0	10.6	2.26	.78	.93	1.00	34.4	10.1	2.52	.80	.95	1.00	33.0	9.7	2.82	.82	.98	1.00	31.2	9.1	3.15	.84	1.00	1.00
	1280	605	36.8	10.8	2.27	.81	.96	1.00	35.2	10.3	2.54	.83	.98	1.00	33.6	9.8	2.83	.85	1.00	1.00	32.2	9.4	3.17	.87	1.00	1.00
67°F (19°C)	1010	475	36.6	10.7	2.27	.61	.73	.85	35.2	10.3	2.53	.61	.74	.87	33.6	9.8	2.83	.62	.76	.90	32.2	9.4	3.17	.63	.78	.92
	1155	545	37.8	11.1	2.28	.62	.76	.89	36.2	10.6	2.55	.63	.78	.91	34.6	10.1	2.85	.64	.79	.94	33.2	9.7	3.18	.65	.82	.97
	1280	605	38.5	11.3	2.29	.63	.78	.93	37.0	10.8	2.56	.65	.80	.95	35.4	10.4	2.86	.67	.82	.98	33.6	9.8	3.19	.67	.85	1.00
71°F (22°C)	1010	475	38.5	11.3	2.29	.47	.59	.71	37.0	10.8	2.56	.47	.60	.72	35.6	10.4	2.86	.47	.60	.73	34.0	10.0	3.20	.48	.62	.75
	1155	545	39.5	11.6	2.30	.47	.61	.73	37.8	11.1	2.57	.48	.61	.75	36.4	10.7	2.87	.48	.63	.77	34.8	10.2	3.21	.49	.64	.79
	1280	605	40.0	11.7	2.31	.48	.62	.76	38.5	11.3	2.59	.48	.63	.78	37.2	10.9	2.89	.49	.65	.80	35.4	10.4	3.22	.50	.66	.82

COOLING CAPACITY - 13ACD-036 with TXV

[C33-43B + G60UHV-36B-090]

63°F (17°C)	1090	515	35.6	10.4	2.26	.77	.91	1.00	34.2	10.0	2.53	.78	.93	1.00	32.6	9.6	2.83	.80	.95	1.00	31.0	9.1	3.16	.82	.98	1.00
	1225	580	36.6	10.7	2.28	.79	.95	1.00	35.0	10.3	2.55	.81	.97	1.00	33.4	9.8	2.85	.83	.99	1.00	31.6	9.3	3.18	.85	1.00	1.00
	1385	655	37.6	11.0	2.29	.82	.98	1.00	35.8	10.5	2.56	.84	1.00	1.00	34.4	10.1	2.86	.87	1.00	1.00	32.8	9.6	3.20	.89	1.00	1.00
67°F (19°C)	1090	515	37.4	11.0	2.29	.61	.74	.87	36.0	10.6	2.56	.62	.76	.89	34.4	10.1	2.86	.63	.78	.92	32.8	9.6	3.20	.64	.80	.94
	1225	580	38.5	11.3	2.30	.62	.77	.91	36.8	10.8	2.57	.64	.79	.93	35.2	10.3	2.88	.65	.81	.96	33.4	9.8	3.21	.66	.83	.98
	1385	655	39.5	11.6	2.31	.65	.80	.95	37.8	11.1	2.59	.66	.82	.98	36.0	10.6	2.89	.67	.84	1.00	34.2	10.0	3.22	.69	.86	1.00
71°F (22°C)	1090	515	39.5	11.6	2.32	.47	.60	.72	38.0	11.1	2.59	.47	.60	.73	36.4	10.7	2.89	.47	.62	.75	34.6	10.1	3.23	.48	.63	.77
	1225	580	40.0	11.7	2.33	.47	.61	.74	38.5	11.3	2.60	.47	.62	.76	37.0	10.8	2.90	.48	.63	.78	35.4	10.4	3.24	.49	.65	.80
	1385	655	41.0	12.0	2.34	.48	.63	.77	39.5	11.6	2.61	.49	.64	.79	37.8	11.1	2.91	.49	.66	.82	36.0	10.6	3.25	.50	.67	.84

COOLING CAPACITY - 13ACD-036 with RFC

[C33-43B + G60UHV-36B-090]

63°F (17°C)	1090	515	35.8	10.5	2.26	.76	.90	1.00	34.4	10.1	2.52	.78	.92	1.00	32.8	9.6	2.82	.80	.95	1.00	31.2	9.1	3.15	.81	.97	1.00
	1225	580	36.6	10.7	2.27	.78	.93	1.00	35.2	10.3	2.53	.80	.96	1.00	33.6	9.8	2.83	.82	.98	1.00	32.0	9.4	3.16	.84	1.00	1.00
	1385	655	37.4	11.0	2.28	.81	.97	1.00	35.8	10.5	2.55	.83	.99	1.00	34.4	10.1	2.85	.86	1.00	1.00	33.0	9.7	3.18	.88	1.00	1.00
67°F (19°C)	1090	515	37.4	11.0	2.28	.61	.74	.86	36.0	10.6	2.55	.61	.75	.89	34.6	10.1	2.85	.63	.77	.91	33.0	9.7	3.18	.64	.79	.94
	1225	580	38.5	11.3	2.29	.62	.76	.90	36.8	10.8	2.56	.63	.78	.92	35.4	10.4	2.86	.64	.80	.95	33.6	9.8	3.19	.66	.82	.97
	1385	655	39.0	11.4	2.30	.64	.79	.94	37.6	11.0	2.57	.65	.81	.96	36.0	10.6	2.87	.66	.83	.99	34.4	10.1	3.21	.67	.86	1.00
71°F (22°C)	1090	515	39.0	11.4	2.30	.47	.59	.71	37.6	11.0	2.57	.47	.60	.73	36.0	10.6	2.87	.48	.61	.74	34.6	10.1	3.21	.47	.62	.76
	1225	580	40.0	11.7	2.31	.48	.60	.73	38.5	11.3	2.58	.48	.61	.75	36.8	10.8	2.88	.48	.63	.77	35.2	10.3	3.22	.49	.64	.79
	1385	655	40.5	11.9	2.32	.48	.62	.76	39.0	11.4	2.59	.49	.64	.78	37.6	11.0	2.90	.49	.65	.80	36.0	10.6	3.23	.50	.66	.83

COOLING CAPACITY - 13ACD-036 with TXV

[C33-43B + G61MPV-36B-045]

63°F (17°C)	1055	500	35.4	10.4	2.26	.77	.90	1.00	33.8	9.9	2.53	.78	.92	1.00	32.4	9.5	2.83	.80	.95	1.00	30.8	9.0	3.16	.81	.97	1.00
	1235	585	36.6	10.7	2.28	.80	.95	1.00	35.0	10.3	2.55	.82	.97	1.00	33.4	9.8	2.85	.84	1.00	1.00	31.8	9.3	3.18	.86	1.00	1.00
	1420	670	37.8	11.1	2.29	.84	1.00	1.00	36.2	10.6	2.56	.86	1.00	1.00	34.8	10.2	2.87	.88	1.00	1.00	33.2	9.7	3.20	.91	1.00	1.00
67°F (19°C)	1055	500	37.2	10.9	2.29	.61	.74	.87	35.8	10.5	2.56	.61	.75	.88	34.2	10.0	2.86	.63	.77	.91	32.6	9.6	3.19	.64	.79	.93
	1235	585	38.5	11.3	2.30	.63	.78	.92	37.0	10.8	2.58	.64	.79	.94	35.2	10.3	2.88	.65	.81	.96	33.6	9.8	3.21	.67	.83	.99
	1420	670	40.0	11.7	2.32	.66	.81	.97	38.0	11.1	2.59	.67	.83	.99	36.2	10.6	2.89	.68	.85	1.00	34.4	10.1	3.23	.70	.88	1.00
71°F (22°C)	1055	500	39.5	11.6	2.31	.47	.59	.71	37.8	11.1	2.58	.47	.60	.73	36.2	10.6	2.89	.48	.61	.75	34.4	10.1	3.23	.48	.63	.77
	1235	585	40.5	11.9	2.33	.48	.62	.75	39.0	11.4	2.60	.48	.63	.77	37.2	10.9	2.91	.49	.64	.79	35.4	10.4	3.24	.49	.66	.81
	1420	670	41.5	12.2	2.35	.49	.64	.79	40.0	11.7	2.62	.50	.66	.81	38.0	11.1	2.92	.51	.67	.83	36.2	10.6	3.25	.51	.69	.86

COOLING CAPACITY - 13ACD-036 with RFC

[C33-43B + G61MPV-36B-045]

63°F (17°C)	1055	500	35.6	10.4	2.25	.76	.89	1.00	34.2	10.0	2.52	.77	.92	1.00	32.6	9.6	2.82	.79	.94	1.00	31.0	9.1	3.15	.81	.96	1.00
	1235	585	36.8	10.8	2.27	.79	.94	1.00	35.2	10.3	2.54	.81	.96	1.00	33.6	9.8	2.83	.83	.99	1.00	32.0	9.4	3.16	.85	1.00	1.00
	1420	670	37.8	11.1	2.28	.82	.99	1.00	36.2	10.6	2.55	.84	1.00	1.00	34.8	10.2	2.85	.87	1.00	1.00	33.4	9.8	3.19	.89	1.00	1.00
67°F (19°C)	1055	500	37.2	10.9	2.28	.61	.73	.86	35.8	10.5	2.55	.61	.75	.88	34.4	10.1	2.85	.62	.77	.90	32.8	9.6	3.18	.64	.78	.93
	1235	585	38.5	11.3	2.29	.62	.77	.90	37.0	10.8	2.56	.64	.78	.93	35.4	10.4	2.86	.65	.80	.95	33.8	9.9	3.19	.66	.82	.98
	1420	670	39.5	11.6	2.31	.65	.80	.95	38.0	11.1	2.58	.66	.82	.97	36.4	10.7	2.87	.67	.84	1.00	34.6	10.1	3.21	.69	.87	1.00
71°F (22°C)	1055	500	39.0	11.4	2.30	.47	.59	.71	37.4	11.0	2.57	.47	.60	.72	36.0	10.6	2.87	.48	.61	.74	34.4	10.1	3.20	.48	.62	.76
	1235	585	40.0	11.7	2.31	.48	.61	.74	38.5	11.3	2.58	.49	.62	.76	37.0	10.8	2.89	.48	.64	.78	35.4	10.4	3.22	.49	.65	.80
	1420	670	41.0	12.0	2.32	.49	.63	.78	39.5	11.6	2.60	.50	.65	.79	37.8	11.1	2.90	.50	.66	.82	36.2	10.6	3.24	.51	.68	.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

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - 13ACD-036 with TXV																										**[C33-43B + G61MPV-36B-070] [C33-43B + G71MPP-36B-070]**
63°F (17°C)	1065	505	35.4	10.4	2.26	.77	.90	1.00	34.0	10.0	2.53	.78	.92	1.00	32.4	9.5	2.83	.80	.95	1.00	30.8	9.0	3.16	.82	.97	1.00
	1190	560	36.4	10.7	2.27	.79	.94	1.00	34.8	10.2	2.54	.81	.96	1.00	33.2	9.7	2.84	.83	.98	1.00	31.6	9.3	3.17	.85	1.00	1.00
	1280	605	37.0	10.8	2.28	.81	.96	1.00	35.4	10.4	2.55	.83	.99	1.00	33.8	9.9	2.85	.85	1.00	1.00	32.2	9.4	3.19	.87	1.00	1.00
67°F (19°C)	1065	505	37.4	11.0	2.29	.61	.74	.87	35.8	10.5	2.56	.61	.75	.89	34.2	10.0	2.86	.63	.77	.91	32.6	9.6	3.19	.64	.79	.94
	1190	560	38.5	11.3	2.30	.62	.77	.90	36.8	10.8	2.57	.64	.78	.93	35.0	10.3	2.87	.65	.80	.95	33.4	9.8	3.21	.66	.82	.98
	1280	605	39.0	11.4	2.31	.64	.78	.93	37.2	10.9	2.58	.65	.80	.95	35.6	10.4	2.88	.66	.82	.98	33.8	9.9	3.21	.67	.84	1.00
71°F (22°C)	1065	505	39.5	11.6	2.31	.47	.60	.72	37.8	11.1	2.58	.47	.60	.73	36.2	10.6	2.89	.48	.61	.75	34.6	10.1	3.23	.48	.63	.77
	1190	560	40.0	11.7	2.32	.47	.61	.74	38.5	11.3	2.60	.47	.62	.76	37.0	10.8	2.90	.49	.63	.77	35.2	10.3	3.24	.49	.65	.80
	1280	605	40.5	11.9	2.33	.48	.62	.76	39.0	11.4	2.61	.48	.64	.78	37.4	11.0	2.91	.49	.65	.80	35.6	10.4	3.25	.50	.66	.82
COOLING CAPACITY - 13ACD-036 with RFC																										**[C33-43B + G61MPV-36B-070] [C33-43B + G71MPP-36B-070]**
63°F (17°C)	1065	505	35.6	10.4	2.25	.76	.90	1.00	34.2	10.0	2.52	.78	.92	1.00	32.6	9.6	2.82	.79	.94	1.00	31.0	9.1	3.15	.81	.97	1.00
	1190	560	36.4	10.7	2.27	.78	.93	1.00	35.0	10.3	2.53	.80	.95	1.00	33.4	9.8	2.83	.82	.98	1.00	31.8	9.3	3.16	.84	1.00	1.00
	1395	660	37.6	11.0	2.28	.82	.98	1.00	36.2	10.6	2.55	.84	1.00	1.00	34.6	10.1	2.85	.86	1.00	1.00	33.2	9.7	3.18	.89	1.00	1.00
67°F (19°C)	1065	505	37.2	10.9	2.28	.61	.73	.86	36.0	10.6	2.55	.61	.75	.88	34.4	10.1	2.85	.62	.77	.91	32.8	9.6	3.18	.64	.78	.93
	1190	560	38.0	11.1	2.29	.62	.76	.89	36.8	10.8	2.56	.63	.77	.91	35.2	10.3	2.86	.64	.79	.94	33.6	9.8	3.19	.66	.82	.97
	1395	660	39.5	11.6	2.30	.64	.79	.94	37.8	11.1	2.57	.65	.81	.97	36.2	10.6	2.87	.67	.83	1.00	34.6	10.1	3.21	.69	.87	1.00
71°F (22°C)	1065	505	39.0	11.4	2.30	.47	.59	.71	37.4	11.0	2.57	.48	.60	.72	36.0	10.6	2.87	.48	.61	.74	34.4	10.1	3.21	.48	.62	.76
	1190	560	39.5	11.6	2.31	.48	.60	.73	38.0	11.1	2.58	.48	.61	.75	36.8	10.8	2.88	.48	.63	.77	35.2	10.3	3.22	.49	.64	.79
	1395	660	40.5	11.9	2.32	.49	.63	.77	39.5	11.6	2.60	.49	.64	.79	37.8	11.1	2.90	.50	.66	.81	36.0	10.6	3.23	.51	.67	.84
COOLING CAPACITY - 13ACD-036 with TXV																										**[C33-50/60C + G60UHV-60C-110]**
63°F (17°C)	1295	610	36.8	10.8	2.28	.80	.96	1.00	35.2	10.3	2.55	.82	.98	1.00	33.6	9.8	2.85	.84	1.00	1.00	32.0	9.4	3.18	.87	1.00	1.00
	1460	690	37.6	11.0	2.29	.83	.99	1.00	36.0	10.6	2.56	.85	1.00	1.00	34.6	10.1	2.86	.87	1.00	1.00	33.2	9.7	3.20	.90	1.00	1.00
67°F (19°C)	1295	610	38.5	11.3	2.31	.63	.78	.92	37.0	10.8	2.58	.64	.80	.94	35.4	10.4	2.88	.66	.82	.97	33.8	9.9	3.21	.67	.84	.99
	1460	690	39.5	11.6	2.32	.65	.81	.96	38.0	11.1	2.59	.66	.83	.98	36.2	10.6	2.89	.67	.85	1.00	34.4	10.1	3.22	.69	.88	1.00
71°F (22°C)	1295	610	40.5	11.9	2.33	.48	.62	.75	39.0	11.4	2.61	.48	.63	.77	37.4	11.0	2.91	.49	.64	.79	35.8	10.5	3.25	.49	.66	.81
	1460	690	41.5	12.2	2.34	.48	.64	.78	40.0	11.7	2.61	.49	.65	.80	38.0	11.1	2.92	.50	.66	.82	36.4	10.7	3.26	.50	.68	.85
COOLING CAPACITY - 13ACD-036 with TXV																										**[C33-50/60C + G61MPV-60C-090] [C33-50/60C + G71MPP-60C-090]**
63°F (17°C)	1275	600	36.6	10.7	2.28	.80	.95	1.00	35.0	10.3	2.55	.82	.97	1.00	33.4	9.8	2.85	.84	1.00	1.00	32.0	9.4	3.18	.86	1.00	1.00
	1440	680	37.6	11.0	2.29	.83	.99	1.00	36.0	10.6	2.56	.85	1.00	1.00	34.4	10.1	2.86	.87	1.00	1.00	33.0	9.7	3.20	.90	1.00	1.00
67°F (19°C)	1275	600	38.5	11.3	2.30	.63	.78	.92	37.0	10.8	2.58	.64	.79	.94	35.4	10.4	2.88	.65	.81	.97	33.6	9.8	3.21	.67	.84	.99
	1440	680	39.5	11.6	2.32	.65	.81	.96	38.0	11.1	2.59	.66	.82	.98	36.2	10.6	2.89	.67	.85	1.00	34.4	10.1	3.22	.69	.87	1.00
71°F (22°C)	1275	600	40.5	11.9	2.33	.48	.61	.75	39.0	11.4	2.60	.48	.63	.77	37.4	11.0	2.91	.49	.64	.79	35.6	10.4	3.25	.49	.65	.81
	1440	680	41.5	12.2	2.34	.49	.64	.78	39.5	11.6	2.62	.49	.65	.80	38.0	11.1	2.92	.50	.66	.82	36.2	10.6	3.26	.50	.68	.85
COOLING CAPACITY - 13ACD-036 with TXV																										**[C33-50/60C + G61MPV-60C-091]**
63°F (17°C)	1340	630	37.0	10.8	2.28	.81	.97	1.00	35.4	10.4	2.55	.83	.99	1.00	33.8	9.9	2.85	.85	1.00	1.00	32.4	9.5	3.19	.88	1.00	1.00
	1505	710	37.8	11.1	2.29	.84	1.00	1.00	36.2	10.6	2.56	.86	1.00	1.00	34.8	10.2	2.87	.89	1.00	1.00	33.4	9.8	3.21	.91	1.00	1.00
67°F (19°C)	1340	630	39.0	11.4	2.31	.64	.78	.93	37.4	11.0	2.58	.65	.80	.96	35.6	10.4	2.88	.66	.83	.98	33.8	9.9	3.22	.67	.85	1.00
	1505	710	40.0	11.7	2.32	.66	.82	.97	38.0	11.1	2.59	.66	.84	.99	36.4	10.7	2.89	.68	.86	1.00	34.6	10.1	3.23	.69	.89	1.00
71°F (22°C)	1340	630	41.0	12.0	2.33	.48	.62	.76	39.0	11.4	2.61	.48	.64	.78	37.6	11.0	2.91	.49	.65	.80	35.8	10.5	3.25	.50	.66	.82
	1505	710	41.5	12.2	2.35	.49	.64	.79	40.0	11.7	2.62	.50	.66	.81	38.0	11.1	2.92	.50	.67	.83	36.4	10.7	3.26	.51	.68	.86
COOLING CAPACITY - 13ACD-036 with TXV																										**[C33-50/60C + G61MPV-60C-110] [C33-50/60C + G71MPP-60C-110]**
63°F (17°C)	1290	610	36.8	10.8	2.28	.80	.95	1.00	35.2	10.3	2.55	.82	.98	1.00	33.6	9.8	2.85	.84	1.00	1.00	32.0	9.4	3.18	.87	1.00	1.00
	1465	690	37.6	11.0	2.29	.83	.99	1.00	36.0	10.6	2.56	.85	1.00	1.00	34.6	10.1	2.87	.88	1.00	1.00	33.2	9.7	3.20	.91	1.00	1.00
67°F (19°C)	1290	610	38.5	11.3	2.31	.63	.78	.92	37.0	10.8	2.58	.64	.80	.94	35.4	10.4	2.88	.66	.82	.97	33.8	9.9	3.21	.67	.84	.99
	1465	690	39.5	11.6	2.32	.65	.81	.96	38.0	11.1	2.59	.66	.83	.98	36.2	10.6	2.89	.67	.85	1.00	34.4	10.1	3.23	.69	.88	1.00
71°F (22°C)	1290	610	40.5	11.9	2.33	.48	.62	.75	39.0	11.4	2.61	.48	.63	.77	37.4	11.0	2.91	.49	.64	.79	35.6	10.4	3.25	.49	.66	.81
	1465	690	41.5	12.2	2.35	.49	.64	.78	40.0	11.7	2.61	.49	.65	.81	38.0	11.1	2.92	.50	.66	.83	36.4	10.7	3.26	.50	.68	.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.

DOWN-FLOW INDOOR COILS

COOLING CAPACITY - 13ACD-036 with TXV [CR33-50/60C-F]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1050	495	35.8	10.5	2.31	.78	.92	1.00	34.2	10.0	2.58	.79	.94	1.00	32.6	9.6	2.89	.81	.97	1.00	31.0	9.1	3.24	.83	.99	1.00
	1200	565	36.8	10.8	2.32	.81	.97	1.00	35.2	10.3	2.60	.83	.98	1.00	33.6	9.8	2.91	.85	1.00	1.00	32.2	9.4	3.25	.88	1.00	1.00
	1350	635	37.8	11.1	2.33	.85	.99	1.00	36.2	10.6	2.61	.87	1.00	1.00	34.8	10.2	2.92	.89	1.00	1.00	33.2	9.7	3.27	.92	1.00	1.00
67°F (19°C)	1050	495	38.0	11.1	2.34	.62	.75	.89	36.4	10.7	2.61	.63	.77	.91	34.6	10.1	2.92	.64	.79	.93	32.8	9.6	3.26	.65	.81	.96
	1200	565	39.0	11.4	2.35	.64	.79	.93	37.4	11.0	2.63	.65	.81	.96	35.6	10.4	2.94	.66	.83	.98	33.8	9.9	3.28	.68	.85	.99
	1350	635	40.0	11.7	2.36	.66	.82	.97	38.0	11.1	2.64	.67	.84	.99	36.2	10.6	2.95	.69	.87	1.00	34.4	10.1	3.29	.70	.89	1.00
71°F (22°C)	1050	495	40.0	11.7	2.36	.47	.60	.73	38.5	11.3	2.64	.47	.61	.74	36.6	10.7	2.95	.48	.62	.76	34.8	10.2	3.30	.48	.63	.78
	1200	565	41.5	12.2	2.38	.48	.62	.76	39.5	11.6	2.66	.48	.63	.78	37.8	11.1	2.97	.49	.65	.80	35.8	10.5	3.31	.49	.66	.82
	1350	635	42.0	12.3	2.39	.49	.65	.80	40.5	11.9	2.67	.50	.66	.82	38.5	11.3	2.98	.50	.67	.84	36.6	10.7	3.32	.51	.69	.87

COOLING CAPACITY - 13ACD-036 with RFC [CR33-50/60C-F]

63°F (17°C)	1050	495	35.4	10.4	2.26	.78	.93	1.00	33.8	9.9	2.53	.80	.95	1.00	32.2	9.4	2.82	.82	.97	1.00	30.4	8.9	3.15	.84	.99	1.00
	1200	565	36.4	10.7	2.28	.82	.97	1.00	34.8	10.2	2.54	.84	.99	1.00	33.2	9.7	2.84	.86	1.00	1.00	31.6	9.3	3.17	.89	1.00	1.00
	1350	635	37.4	11.0	2.29	.85	1.00	1.00	35.8	10.5	2.56	.87	1.00	1.00	34.2	10.0	2.86	.90	1.00	1.00	32.8	9.6	3.19	.93	1.00	1.00
67°F (19°C)	1050	495	37.6	11.0	2.29	.62	.76	.89	36.0	10.6	2.56	.63	.77	.92	34.0	10.0	2.86	.64	.79	.94	32.4	9.5	3.19	.65	.82	.97
	1200	565	38.5	11.3	2.31	.64	.79	.94	36.8	10.8	2.57	.65	.81	.96	35.0	10.3	2.87	.67	.84	.98	33.0	9.7	3.20	.68	.86	1.00
	1350	635	39.5	11.6	2.32	.66	.83	.98	37.6	11.0	2.59	.67	.85	.99	35.6	10.4	2.88	.69	.88	1.00	33.8	9.9	3.21	.71	.90	1.00
71°F (22°C)	1050	495	39.5	11.6	2.32	.47	.60	.73	38.0	11.1	2.59	.47	.61	.75	36.2	10.6	2.89	.48	.62	.77	34.2	10.0	3.22	.48	.64	.79
	1200	565	40.5	11.9	2.34	.48	.63	.77	39.0	11.4	2.61	.48	.64	.79	37.0	10.8	2.90	.49	.65	.81	35.0	10.3	3.23	.50	.67	.83
	1350	635	41.5	12.2	2.35	.49	.65	.81	40.0	11.7	2.62	.50	.66	.83	37.8	11.1	2.92	.50	.68	.85	35.8	10.5	3.24	.51	.70	.88

DOWN-FLOW INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - 13ACD-036 with TXV [CR33-48B-F + G60DFV-36B-090]

63°F (17°C)	1040	490	33.6	9.8	2.24	.75	.88	1.00	32.4	9.5	2.51	.77	.91	1.00	31.2	9.1	2.81	.79	.93	1.00	29.8	8.7	3.15	.80	.96	1.00
	1195	565	34.6	10.1	2.25	.78	.92	1.00	33.2	9.7	2.52	.80	.95	1.00	32.0	9.4	2.82	.82	.97	1.00	30.6	9.0	3.16	.84	.99	1.00
	1330	630	35.2	10.3	2.26	.80	.95	1.00	34.0	10.0	2.53	.82	.98	1.00	32.6	9.6	2.83	.84	1.00	1.00	31.4	9.2	3.17	.87	1.00	1.00
67°F (19°C)	1040	490	35.4	10.4	2.26	.60	.73	.85	34.4	10.1	2.54	.61	.74	.87	33.0	9.7	2.84	.62	.76	.90	31.6	9.3	3.18	.63	.78	.92
	1195	565	36.4	10.7	2.28	.62	.75	.89	35.2	10.3	2.55	.63	.77	.91	33.8	9.9	2.85	.64	.79	.94	32.4	9.5	3.19	.65	.81	.97
	1330	630	37.2	10.9	2.29	.63	.78	.92	35.8	10.5	2.56	.65	.80	.94	34.4	10.1	2.86	.66	.82	.97	32.8	9.6	3.20	.67	.84	.99
71°F (22°C)	1040	490	37.4	11.0	2.29	.46	.59	.70	36.2	10.6	2.56	.46	.60	.72	34.8	10.2	2.87	.47	.61	.73	33.4	9.8	3.21	.47	.62	.75
	1195	565	38.5	11.3	2.30	.47	.60	.73	37.2	10.9	2.58	.48	.62	.75	35.6	10.4	2.88	.48	.63	.76	34.2	10.0	3.22	.48	.64	.79
	1330	630	39.0	11.4	2.31	.48	.62	.75	37.8	11.1	2.59	.49	.63	.77	36.4	10.7	2.89	.49	.64	.79	34.8	10.2	3.23	.49	.66	.82

COOLING CAPACITY - 13ACD-036 with TXV [CR33-48B-F + G61MPV-36B-045]

63°F (17°C)	1055	500	33.8	9.9	2.24	.76	.89	1.00	32.4	9.5	2.51	.77	.91	1.00	31.2	9.1	2.81	.79	.94	1.00	30.0	8.8	3.15	.81	.97	1.00
	1235	585	34.8	10.2	2.25	.79	.93	1.00	33.6	9.8	2.52	.81	.96	1.00	32.2	9.4	2.83	.83	.99	1.00	31.0	9.1	3.16	.85	1.00	1.00
	1420	670	35.8	10.5	2.27	.82	.98	1.00	34.4	10.1	2.54	.85	1.00	1.00	33.4	9.8	2.85	.87	1.00	1.00	32.0	9.4	3.18	.90	1.00	1.00
67°F (19°C)	1055	500	35.6	10.4	2.26	.61	.73	.86	34.4	10.1	2.54	.62	.75	.88	33.0	9.7	2.84	.63	.77	.90	31.8	9.3	3.17	.64	.78	.93
	1235	585	36.6	10.7	2.28	.63	.76	.90	35.4	10.4	2.55	.64	.78	.92	34.0	10.0	2.86	.65	.80	.95	32.6	9.6	3.19	.66	.83	.98
	1420	670	37.6	11.0	2.29	.65	.80	.95	36.2	10.6	2.56	.66	.82	.97	34.8	10.2	2.87	.68	.84	.99	33.4	9.8	3.21	.69	.87	1.00
71°F (22°C)	1055	500	37.6	11.0	2.29	.47	.59	.71	36.4	10.7	2.57	.47	.60	.72	35.0	10.3	2.87	.47	.61	.74	33.6	9.8	3.21	.47	.62	.76
	1235	585	38.5	11.3	2.31	.48	.61	.74	37.4	11.0	2.58	.48	.62	.76	36.0	10.6	2.88	.49	.64	.78	34.4	10.1	3.22	.49	.65	.80
	1420	670	39.5	11.6	2.32	.49	.63	.77	38.0	11.1	2.59	.50	.65	.79	36.8	10.8	2.90	.50	.66	.82	35.2	10.3	3.24	.51	.68	.84

COOLING CAPACITY - 13ACD-036 with TXV [CR33-48B-F + G61MPV-36B-070] [CR33-48B-F + G71MPP-36B-070]

63°F (17°C)	1015	480	33.4	9.8	2.24	.75	.88	.99	32.2	9.4	2.51	.77	.90	1.00	31.0	9.1	2.81	.78	.93	1.00	29.6	8.7	3.15	.80	.95	1.00
	1190	560	34.6	10.1	2.25	.78	.92	1.00	33.2	9.7	2.52	.80	.95	1.00	32.0	9.4	2.82	.82	.98	1.00	30.6	9.0	3.16	.84	.99	1.00
	1280	605	35.0	10.3	2.26	.80	.94	1.00	33.8	9.9	2.53	.82	.97	1.00	32.4	9.5	2.83	.84	.99	1.00	31.2	9.1	3.17	.86	1.00	1.00
67°F (19°C)	1015	480	35.4	10.4	2.26	.60	.72	.84	34.2	10.0	2.53	.61	.74	.87	32.8	9.6	2.84	.62	.76	.89	31.6	9.3	3.17	.63	.77	.92
	1190	560	36.4	10.7	2.28	.62	.76	.89	35.2	10.3	2.55	.63	.77	.91	33.8	9.9	2.85	.64	.79	.94	32.4	9.5	3.19	.66	.81	.97
	1280	605	37.0	10.8	2.28	.63	.77	.91	35.6	10.4	2.56	.64	.79	.93	34.2	10.0	2.86	.65	.81	.96	32.8	9.6	3.20	.67	.84	.99
71°F (22°C)	1015	480	37.2	10.9	2.29	.46	.59	.70	36.0	10.6	2.56	.46	.60	.71	34.8	10.2	2.87	.47	.60	.73	33.2	9.7	3.20	.47	.62	.75
	1190	560	38.5	11.3	2.30	.48	.61	.73	37.2	10.9	2.58	.48	.62	.75	35.8	10.5	2.88	.48	.63	.77	34.2	10.0	3.22	.49	.64	.79
	1280	605	39.0	11.4	2.31	.48	.62	.75	37.6	11.0	2.58	.49	.63	.77	36.2	10.6	2.89	.49	.64	.79	34.6	10.1	3.23	.49	.65	.81

COOLING CAPACITY - 13ACD-036 with TXV [CR33-48C-F + G61MPV-60C-090] [CR33-48C-F + G71MPP-60C-090]

63°F (17°C)	1275	600	35.0	10.3	2.26	.79	.94	1.00	33.6	9.8	2.53	.81	.97	1.00	32.4	9.5	2.83	.83	.99	1.00	31.0	9.1	3.16	.86	1.00	1.00
	1440	680	35.8	10.5	2.27	.82	.98	1.00	34.4	10.1	2.54	.84	1.00	1.00	33.4	9.8	2.85	.87	1.00	1.00	32.0	9.4	3.18	.90	1.00	1.00
67°F (19°C)	1275	600	36.8	10.8	2.28	.63	.77	.91	35.6	10.4	2.55	.64	.79	.93	34.2	10.0	2.86	.65	.81	.96	32.6	9.6	3.19	.67	.83	.99
	1440	680	37.6	11.0	2.29	.64	.80	.94	36.2	10.6	2.56	.66	.82	.97	34.8	10.2	2.87	.67	.84	.99	33.2	9.7	3.21	.69	.87	1.00
71°F (22°C)	1275	600	39.0	11.4	2.31	.48	.61	.74	37.6	11.0	2.58	.48	.63	.76	36.0	10.6	2.89	.48	.64	.78	34.6	10.1	3.23	.49	.65	.80
	1440	680	39.5	11.6	2.32	.48	.63	.77	38.0	11.1	2.59	.49	.64	.79	36.8	10.8	2.90	.50	.66	.81	35.2	10.3	3.24	.50	.67	.84

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

DOWN-FLOW INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - 13ACD-036 with TXV [CR33-48C-F + G61MPV-60C-110] [CR33-48C-F + G71MPP-60C-110]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	1290	610	35.0	10.3	2.26	.80	.94	1.00	33.8	9.9	2.53	.81	.97	1.00	32.4	9.5	2.83	.84	.99	1.00	31.2	9.1	3.17	.86	1.00	1.00
	1465	690	35.8	10.5	2.27	.82	.98	1.00	34.6	10.1	2.54	.85	1.00	1.00	33.4	9.8	2.85	.87	1.00	1.00	32.2	9.4	3.19	.90	1.00	1.00
67°F (19°C)	1290	610	37.0	10.8	2.28	.63	.77	.91	35.6	10.4	2.55	.64	.79	.93	34.2	10.0	2.86	.65	.81	.96	32.8	9.6	3.20	.67	.83	.99
	1465	690	37.6	11.0	2.29	.65	.80	.95	36.4	10.7	2.57	.66	.82	.97	35.0	10.3	2.87	.67	.84	1.00	33.4	9.8	3.21	.69	.87	1.00
71°F (22°C)	1290	610	39.0	11.4	2.31	.48	.62	.74	37.6	11.0	2.58	.48	.63	.76	36.2	10.6	2.89	.49	.64	.78	34.6	10.1	3.23	.49	.65	.81
	1465	690	39.5	11.6	2.32	.48	.63	.78	38.5	11.3	2.59	.49	.65	.80	36.8	10.8	2.90	.50	.66	.82	35.2	10.3	3.24	.51	.68	.84

HORIZONTAL INDOOR COILS

COOLING CAPACITY - 13ACD-036 with TXV [CH33-44/48B-2F]

63°F (17°C)	1020	480	34.8	10.2	2.25	.76	.90	1.00	33.4	9.8	2.52	.77	.92	1.00	31.8	9.3	2.82	.79	.94	1.00	30.2	8.9	3.16	.81	.97	1.00
	1200	565	36.0	10.6	2.27	.80	.95	1.00	34.6	10.1	2.54	.81	.97	1.00	33.0	9.7	2.84	.83	.99	1.00	31.4	9.2	3.17	.86	1.00	1.00
	1380	650	37.0	10.8	2.29	.83	.99	1.00	35.6	10.4	2.55	.85	1.00	1.00	34.0	10.0	2.86	.87	1.00	1.00	32.6	9.6	3.20	.90	1.00	1.00
67°F (19°C)	1020	480	37.0	10.8	2.28	.61	.74	.86	35.4	10.4	2.55	.61	.75	.88	34.0	10.0	2.85	.62	.77	.90	32.4	9.5	3.19	.63	.79	.93
	1200	565	38.0	11.1	2.30	.63	.77	.91	36.6	10.7	2.57	.64	.79	.94	35.0	10.3	2.87	.65	.81	.96	33.2	9.7	3.20	.66	.83	.99
	1380	650	39.0	11.4	2.31	.65	.81	.96	37.4	11.0	2.58	.67	.82	.98	35.8	10.5	2.88	.68	.85	1.00	34.0	10.0	3.22	.69	.87	1.00
71°F (22°C)	1020	480	39.0	11.4	2.31	.48	.60	.71	37.4	11.0	2.58	.47	.60	.73	35.8	10.5	2.88	.48	.61	.74	34.2	10.0	3.22	.48	.62	.76
	1200	565	40.0	11.7	2.33	.48	.61	.75	38.5	11.3	2.60	.49	.63	.77	37.0	10.8	2.90	.49	.64	.78	35.4	10.4	3.24	.49	.65	.80
	1380	650	41.0	12.0	2.34	.49	.64	.78	39.5	11.6	2.61	.50	.65	.80	37.8	11.1	2.92	.51	.67	.82	36.0	10.6	3.25	.51	.68	.85

COOLING CAPACITY - 13ACD-036 TXV or RFC System [CH33-48C-2F]

63°F (17°C)	1050	495	35.4	10.4	2.26	.76	.90	1.00	33.8	9.9	2.53	.78	.92	1.00	32.4	9.5	2.83	.80	.95	1.00	30.8	9.0	3.16	.82	.97	1.00
	1200	565	36.4	10.7	2.28	.79	.94	1.00	34.8	10.2	2.54	.81	.96	1.00	33.2	9.7	2.84	.83	.99	1.00	31.6	9.3	3.18	.85	1.00	1.00
	1350	635	37.4	11.0	2.29	.82	.98	1.00	35.6	10.4	2.55	.84	1.00	1.00	34.2	10.0	2.86	.86	1.00	1.00	32.8	9.6	3.20	.89	1.00	1.00
67°F (19°C)	1050	495	37.4	11.0	2.29	.62	.74	.87	35.8	10.5	2.56	.62	.76	.89	34.4	10.1	2.86	.63	.77	.91	32.8	9.6	3.19	.64	.79	.94
	1200	565	38.5	11.3	2.30	.63	.77	.91	36.8	10.8	2.57	.64	.78	.93	35.2	10.3	2.88	.65	.81	.95	33.6	9.8	3.21	.66	.83	.98
	1350	635	39.5	11.6	2.32	.65	.80	.94	37.6	11.0	2.59	.66	.82	.97	36.0	10.6	2.89	.67	.84	.99	34.2	10.0	3.22	.68	.86	1.00
71°F (22°C)	1050	495	39.5	11.6	2.32	.47	.60	.71	37.8	11.1	2.59	.47	.61	.72	36.4	10.7	2.89	.48	.62	.75	34.8	10.2	3.23	.49	.63	.76
	1200	565	40.5	11.9	2.33	.48	.61	.75	39.0	11.4	2.60	.48	.63	.76	37.2	10.9	2.90	.49	.64	.78	35.6	10.4	3.24	.50	.65	.80
	1350	635	41.0	12.0	2.34	.49	.63	.77	39.5	11.6	2.61	.50	.64	.79	38.0	11.1	2.92	.50	.66	.81	36.2	10.6	3.26	.51	.67	.83

HORIZONTAL INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - 13ACD-036 with TXV [CH33-44/48B-2F + G60UHV-60B-090]

63°F (17°C)	1035	490	34.8	10.2	2.25	.76	.89	1.00	33.4	9.8	2.52	.77	.91	1.00	31.8	9.3	2.82	.79	.94	1.00	30.2	8.9	3.15	.81	.97	1.00
	1225	580	36.0	10.6	2.27	.80	.95	1.00	34.6	10.1	2.54	.81	.97	1.00	33.0	9.7	2.84	.83	1.00	1.00	31.4	9.2	3.17	.85	1.00	1.00
	1385	655	37.0	10.8	2.28	.83	.99	1.00	35.4	10.4	2.55	.85	1.00	1.00	34.0	10.0	2.86	.87	1.00	1.00	32.6	9.6	3.19	.89	1.00	1.00
67°F (19°C)	1035	490	37.0	10.8	2.28	.60	.74	.86	35.4	10.4	2.55	.61	.74	.88	34.0	10.0	2.85	.62	.76	.90	32.2	9.4	3.19	.63	.78	.93
	1225	580	38.0	11.1	2.30	.63	.77	.91	36.6	10.7	2.57	.64	.79	.93	35.0	10.3	2.87	.65	.81	.96	33.2	9.7	3.20	.66	.83	.99
	1385	655	39.0	11.4	2.31	.65	.80	.95	37.4	11.0	2.58	.66	.82	.98	35.8	10.5	2.88	.67	.84	1.00	34.0	10.0	3.22	.68	.87	1.00
71°F (22°C)	1035	490	39.0	11.4	2.31	.47	.59	.71	37.4	11.0	2.58	.47	.59	.72	35.8	10.5	2.88	.47	.60	.74	34.2	10.0	3.22	.47	.61	.76
	1225	580	40.0	11.7	2.33	.47	.61	.75	38.5	11.3	2.60	.48	.62	.76	37.0	10.8	2.90	.48	.63	.78	35.4	10.4	3.24	.49	.65	.80
	1385	655	41.0	12.0	2.34	.49	.63	.78	39.5	11.6	2.61	.49	.65	.80	37.8	11.1	2.91	.50	.66	.82	36.0	10.6	3.25	.50	.67	.84

COOLING CAPACITY - 13ACD-036 with RFC [CH33-44/48B-2F + G60UHV-60B-090]

63°F (17°C)	1090	515	35.4	10.4	2.25	.76	.90	1.00	34.0	10.0	2.52	.78	.93	1.00	32.4	9.5	2.81	.80	.95	1.00	30.8	9.0	3.14	.82	.98	1.00
	1225	580	36.2	10.6	2.26	.79	.94	1.00	34.8	10.2	2.53	.81	.96	1.00	33.2	9.7	2.83	.83	.99	1.00	31.6	9.3	3.16	.84	1.00	1.00
	1385	655	37.2	10.9	2.28	.82	.98	1.00	35.6	10.4	2.54	.84	1.00	1.00	34.0	10.0	2.84	.86	1.00	1.00	32.8	9.6	3.18	.89	1.00	1.00
67°F (19°C)	1090	515	37.2	10.9	2.27	.61	.74	.87	35.8	10.5	2.54	.62	.76	.89	34.2	10.0	2.84	.63	.77	.91	32.6	9.6	3.17	.64	.79	.94
	1225	580	38.0	11.1	2.29	.62	.77	.90	36.6	10.7	2.56	.64	.78	.93	35.0	10.3	2.85	.65	.80	.95	33.4	9.8	3.19	.66	.82	.98
	1385	655	39.0	11.4	2.30	.64	.79	.94	37.6	11.0	2.57	.66	.81	.97	35.8	10.5	2.87	.67	.84	.99	34.0	10.0	3.20	.68	.86	1.00
71°F (22°C)	1090	515	39.0	11.4	2.30	.47	.59	.72	37.6	11.0	2.57	.47	.60	.73	36.2	10.6	2.87	.48	.61	.75	34.6	10.1	3.21	.48	.63	.77
	1225	580	40.0	11.7	2.31	.47	.61	.74	38.5	11.3	2.58	.48	.62	.76	36.8	10.8	2.88	.48	.63	.78	35.2	10.3	3.22	.49	.65	.80
	1385	655	41.0	12.0	2.32	.48	.63	.77	39.5	11.6	2.60	.49	.64	.79	37.6	11.0	2.90	.50	.66	.81	35.8	10.5	3.23	.50	.66	.83

COOLING CAPACITY - 13ACD-036 with TXV [CH33-44/48B-2F + G61MPV-36B-045]

63°F (17°C)	1055	500	35.0	10.3	2.26	.76	.90	1.00	33.6	9.8	2.53	.78	.92	1.00	32.0	9.4	2.83	.80	.95	1.00	30.4	8.9	3.16	.82	.98	1.00
	1235	585	36.2	10.6	2.27	.80	.95	1.00	34.6	10.1	2.54	.82	.98	1.00	33.2	9.7	2.84	.84	1.00	1.00	31.6	9.3	3.17	.86	1.00	1.00
	1420	670	37.4	11.0	2.29	.84	1.00	1.00	35.8	10.5	2.56	.86	1.00	1.00	34.4	10.1	2.86	.88	1.00	1.00	33.0	9.7	3.20	.91	1.00	1.00
67°F (19°C)	1055	500	37.2	10.9	2.29	.61	.74	.87	35.6	10.4	2.56	.61	.75	.89	34.0	10.0	2.86	.62	.77	.91	32.4	9.5	3.19	.63	.79	.94
	1235	585	38.5	11.3	2.30	.63	.78	.92	36.8	10.8	2.57	.64	.80	.94	35.2	10.3	2.87	.65	.81	.97	33.4	9.8	3.21	.67	.83	1.00
	1420	670	39.5	11.6	2.31	.66	.82	.97	37.8	11.1	2.59	.67	.84	.99	35.8	10.5	2.88	.69	.86	1.00	34.2	10.0	3.22	.70	.88	1.00
71°F (22°C)	1055	500	39.0	11.4	2.31	.47	.60	.72	37.6	11.0	2.58	.47	.60	.73	36.0	10.6	2.89	.47	.61	.74	34.4	10.1	3.22	.48	.62	.76
	1235	585	40.5	11.9	2.33	.48	.62	.75	39.0	11.4	2.60	.48	.63	.77	37.2	10.9	2.90	.49	.64	.79	35.4	10.4	3.24	.49	.65	.81
	1420	670	41.5	12.2	2.34	.50	.64	.79	40.0	11.7	2.62	.50	.66	.81	38.0	11.1	2.92	.51	.67	.84	36.2	10.6	3.26	.52	.69	.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.

HORIZONTAL INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - 13ACD-036 with TXV

[CH33-44/48B-2F + G61MPV-36B-070]
[CH33-44/48B-2F + G71MPP-36B-070]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	950	450	34.2	10.0	2.25	.74	.87	.99	32.8	9.6	2.51	.75	.89	1.00	31.4	9.2	2.81	.77	.91	1.00	29.6	8.7	3.14	.79	.94	1.00
	1105	520	35.4	10.4	2.26	.77	.92	1.00	33.8	9.9	2.53	.79	.94	1.00	32.4	9.5	2.83	.81	.96	1.00	30.8	9.0	3.16	.83	.99	1.00
	1270	600	36.4	10.7	2.28	.81	.96	1.00	35.0	10.3	2.55	.83	.98	1.00	33.2	9.7	2.84	.85	1.00	1.00	31.8	9.3	3.18	.87	1.00	1.00
67°F (19°C)	950	450	36.2	10.6	2.27	.60	.72	.84	34.8	10.2	2.55	.60	.73	.86	33.2	9.7	2.84	.60	.74	.87	31.8	9.3	3.18	.62	.76	.90
	1105	520	37.4	11.0	2.29	.61	.75	.88	36.0	10.6	2.56	.62	.76	.90	34.4	10.1	2.86	.63	.78	.93	32.8	9.6	3.19	.64	.80	.96
	1270	600	38.5	11.3	2.30	.64	.79	.93	37.0	10.8	2.57	.65	.80	.95	35.2	10.3	2.88	.66	.82	.98	33.6	9.8	3.21	.67	.84	1.00
71°F (22°C)	950	450	38.5	11.3	2.30	.46	.58	.69	36.8	10.8	2.57	.46	.59	.71	35.2	10.3	2.87	.46	.59	.72	33.6	9.8	3.21	.47	.60	.73
	1105	520	39.5	11.6	2.32	.47	.60	.73	38.0	11.1	2.59	.47	.61	.74	36.4	10.7	2.89	.48	.62	.75	34.6	10.1	3.23	.48	.63	.77
	1270	600	40.5	11.9	2.33	.48	.62	.76	39.0	11.4	2.60	.49	.64	.78	37.2	10.9	2.91	.49	.65	.79	35.6	10.4	3.24	.50	.66	.82

COOLING CAPACITY - 13ACD-036 with TXV

[CH33-48C-2F + G61MPV-60C-090]
[CH33-48C-2F + G71MPP-60C-090]

63°F (17°C)	1275	600	36.8	10.8	2.27	.79	.94	1.00	35.2	10.3	2.54	.81	.97	1.00	33.6	9.8	2.83	.83	.99	1.00	32.0	9.4	3.16	.85	1.00	1.00
	1440	680	37.6	11.0	2.28	.82	.98	1.00	36.0	10.6	2.55	.84	1.00	1.00	34.6	10.1	2.85	.86	1.00	1.00	33.2	9.7	3.18	.89	1.00	1.00
67°F (19°C)	1275	600	38.5	11.3	2.30	.62	.77	.91	37.2	10.9	2.56	.64	.78	.93	35.6	10.4	2.86	.65	.80	.96	33.8	9.9	3.19	.66	.82	.98
	1440	680	39.5	11.6	2.31	.64	.79	.94	38.0	11.1	2.58	.65	.81	.97	36.4	10.7	2.88	.67	.84	.99	34.6	10.1	3.21	.68	.86	1.00
71°F (22°C)	1275	600	40.5	11.9	2.32	.48	.61	.74	39.0	11.4	2.59	.48	.62	.76	37.2	10.9	2.89	.48	.64	.78	35.6	10.4	3.23	.49	.65	.80
	1440	680	41.0	12.0	2.33	.49	.63	.77	39.5	11.6	2.60	.49	.64	.79	38.0	11.1	2.90	.49	.65	.81	36.4	10.7	3.24	.50	.67	.84

COOLING CAPACITY - 13ACD-036 with RFC

[CH33-48C-2F + G61MPV-60C-090]
[CH33-48C-2F + G71MPP-60C-090]

63°F (17°C)	1275	600	36.8	10.8	2.27	.79	.94	1.00	35.2	10.3	2.54	.81	.97	1.00	33.6	9.8	2.83	.83	.99	1.00	32.0	9.4	3.16	.85	1.00	1.00
	1440	680	37.6	11.0	2.28	.82	.98	1.00	36.0	10.6	2.55	.84	1.00	1.00	34.6	10.1	2.85	.86	1.00	1.00	33.2	9.7	3.18	.89	1.00	1.00
67°F (19°C)	1275	600	38.5	11.3	2.30	.62	.77	.91	37.2	10.9	2.56	.64	.78	.93	35.6	10.4	2.86	.65	.80	.96	33.8	9.9	3.19	.66	.82	.98
	1440	680	39.5	11.6	2.31	.64	.79	.94	38.0	11.1	2.58	.65	.81	.97	36.4	10.7	2.88	.67	.84	.99	34.6	10.1	3.21	.68	.86	1.00
71°F (22°C)	1275	600	40.5	11.9	2.32	.48	.61	.74	39.0	11.4	2.59	.48	.62	.76	37.2	10.9	2.89	.48	.64	.78	35.6	10.4	3.23	.49	.65	.80
	1440	680	41.0	12.0	2.33	.49	.63	.77	39.5	11.6	2.60	.49	.64	.79	38.0	11.1	2.90	.49	.65	.81	36.4	10.7	3.24	.50	.67	.84

COOLING CAPACITY - 13ACD-036 with TXV

[CH33-48C-2F + G61MPV-60C-110]
[CH33-48C-2F + G71MPP-60C-110]

63°F (17°C)	1290	610	36.8	10.8	2.28	.80	.96	1.00	35.2	10.3	2.55	.83	.98	1.00	33.6	9.8	2.85	.84	1.00	1.00	32.2	9.4	3.18	.87	1.00	1.00
	1465	690	37.8	11.1	2.29	.84	.99	1.00	36.2	10.6	2.56	.86	1.00	1.00	34.8	10.2	2.87	.88	1.00	1.00	33.2	9.7	3.20	.91	1.00	1.00
67°F (19°C)	1290	610	39.0	11.4	2.31	.63	.78	.92	37.2	10.9	2.58	.64	.80	.94	35.6	10.4	2.88	.66	.82	.97	33.8	9.9	3.21	.67	.84	1.00
	1465	690	40.0	11.7	2.32	.65	.81	.96	38.0	11.1	2.59	.66	.83	.99	36.4	10.7	2.89	.68	.85	1.00	34.6	10.1	3.23	.69	.88	1.00
71°F (22°C)	1290	610	40.5	11.9	2.33	.47	.62	.75	39.0	11.4	2.61	.48	.63	.77	37.6	11.0	2.91	.49	.64	.79	35.8	10.5	3.25	.49	.65	.81
	1465	690	41.5	12.2	2.35	.49	.64	.79	40.0	11.7	2.62	.49	.65	.81	38.5	11.3	2.92	.50	.66	.83	36.6	10.7	3.26	.50	.68	.85

COOLING CAPACITY - 13ACD-036 with RFC

[CH33-48C-2F + G61MPV-60C-110]
[CH33-48C-2F + G71MPP-60C-110]

63°F (17°C)	1290	610	37.0	10.8	2.27	.79	.95	1.00	35.4	10.4	2.54	.81	.97	1.00	33.6	9.8	2.83	.83	.99	1.00	32.2	9.4	3.17	.86	1.00	1.00
	1465	690	37.8	11.1	2.28	.82	.98	1.00	36.2	10.6	2.55	.84	1.00	1.00	34.8	10.2	2.85	.87	1.00	1.00	33.4	9.8	3.19	.89	1.00	1.00
67°F (19°C)	1290	610	39.0	11.4	2.30	.63	.77	.91	37.2	10.9	2.57	.64	.79	.93	35.6	10.4	2.87	.65	.81	.96	34.0	10.0	3.20	.66	.83	.99
	1465	690	39.5	11.6	2.31	.64	.80	.95	38.0	11.1	2.58	.66	.82	.97	36.4	10.7	2.88	.67	.84	1.00	34.6	10.1	3.21	.69	.87	1.00
71°F (22°C)	1290	610	40.5	11.9	2.32	.48	.61	.74	39.0	11.4	2.59	.47	.62	.76	37.4	11.0	2.89	.48	.64	.78	35.6	10.4	3.22	.49	.64	.80
	1465	690	41.5	12.2	2.33	.49	.63	.77	40.0	11.7	2.60	.49	.64	.79	38.0	11.1	2.91	.50	.66	.81	36.4	10.7	3.24	.50	.67	.84

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		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - 13ACD-036 TXV or RFC System																										**[CB26UH-036-R]**
63°F (17°C)	1180	555	35.0	10.3	2.26	.77	.92	1.00	33.6	9.8	2.52	.79	.94	1.00	32.2	9.4	2.83	.81	.97	1.00	30.8	9.0	3.16	.83	.99	1.00
	1295	610	35.6	10.4	2.26	.79	.95	1.00	34.2	10.0	2.54	.81	.97	1.00	32.8	9.6	2.84	.83	.99	1.00	31.6	9.3	3.17	.86	1.00	1.00
67°F (19°C)	1180	555	37.0	10.8	2.28	.61	.75	.89	35.8	10.5	2.56	.62	.77	.91	34.2	10.0	2.86	.63	.78	.93	32.6	9.6	3.19	.64	.80	.96
	1295	610	37.6	11.0	2.29	.62	.77	.91	36.2	10.6	2.56	.63	.79	.94	34.8	10.2	2.87	.64	.81	.97	33.2	9.7	3.20	.66	.83	.99
71°F (22°C)	1180	555	39.0	11.4	2.31	.46	.60	.73	37.8	11.1	2.58	.47	.61	.74	36.2	10.6	2.89	.47	.62	.76	34.6	10.1	3.23	.47	.63	.78
	1295	610	40.0	11.7	2.32	.47	.61	.75	38.5	11.3	2.59	.47	.62	.76	36.8	10.8	2.90	.48	.63	.78	35.2	10.3	3.24	.48	.65	.80
COOLING CAPACITY - 13ACD-036 with TXV																										**[CB30M-31]**
63°F (17°C)	1030	485	33.6	9.8	2.24	.77	.91	1.00	32.0	9.4	2.50	.78	.93	1.00	30.6	9.0	2.80	.79	.95	1.00	29.0	8.5	3.13	.81	.97	1.00
	1180	555	34.4	10.1	2.25	.80	.95	1.00	32.8	9.6	2.52	.81	.97	1.00	31.4	9.2	2.82	.83	.99	1.00	30.0	8.8	3.15	.85	1.00	1.00
67°F (19°C)	1030	485	35.6	10.4	2.26	.60	.74	.87	34.0	10.0	2.53	.61	.75	.89	32.6	9.6	2.83	.62	.77	.92	31.0	9.1	3.16	.63	.79	.94
	1180	555	36.4	10.7	2.28	.62	.77	.92	35.0	10.3	2.55	.63	.79	.94	33.4	9.8	2.85	.64	.81	.95	31.6	9.3	3.18	.65	.83	.98
71°F (22°C)	1030	485	37.4	11.0	2.29	.46	.59	.71	36.0	10.6	2.56	.46	.60	.73	34.4	10.1	2.86	.46	.61	.75	32.8	9.6	3.19	.46	.61	.76
	1180	555	38.5	11.3	2.30	.46	.61	.75	36.8	10.8	2.57	.47	.62	.76	35.2	10.3	2.88	.47	.63	.78	33.6	9.8	3.21	.48	.64	.80
COOLING CAPACITY - 13ACD-036 with TXV																										**[CB30M-41]**
63°F (17°C)	1050	495	33.8	9.9	2.24	.77	.92	1.00	32.4	9.5	2.51	.79	.94	1.00	30.8	9.0	2.81	.80	.96	1.00	29.2	8.6	3.14	.82	.98	1.00
	1200	565	34.6	10.1	2.25	.80	.96	1.00	33.2	9.7	2.52	.82	.98	1.00	31.6	9.3	2.82	.84	1.00	1.00	30.2	8.9	3.15	.86	1.00	1.00
	1350	635	35.6	10.4	2.26	.83	.99	1.00	34.0	10.0	2.53	.85	1.00	1.00	32.6	9.6	2.83	.87	1.00	1.00	31.2	9.1	3.17	.90	1.00	1.00
67°F (19°C)	1050	495	35.8	10.5	2.27	.61	.75	.88	34.4	10.1	2.54	.62	.76	.90	32.8	9.6	2.84	.62	.78	.93	31.2	9.1	3.17	.63	.80	.95
	1200	565	36.8	10.8	2.28	.62	.78	.93	35.2	10.3	2.55	.63	.79	.95	33.6	9.8	2.85	.65	.81	.97	32.0	9.4	3.18	.66	.84	.99
	1350	635	37.4	11.0	2.29	.64	.80	.96	36.0	10.6	2.56	.66	.83	.98	34.2	10.0	2.86	.67	.85	1.00	32.6	9.6	3.19	.68	.88	1.00
71°F (22°C)	1050	495	37.8	11.1	2.29	.46	.59	.72	36.4	10.7	2.56	.46	.60	.74	34.6	10.1	2.87	.46	.61	.75	33.0	9.7	3.20	.46	.62	.77
	1200	565	39.0	11.4	2.31	.47	.61	.76	37.2	10.9	2.58	.47	.62	.77	35.6	10.4	2.88	.47	.63	.79	33.8	9.9	3.21	.48	.65	.81
	1350	635	39.5	11.6	2.32	.48	.63	.79	37.8	11.1	2.59	.48	.64	.81	36.2	10.6	2.89	.48	.66	.83	34.4	10.1	3.22	.49	.67	.86
COOLING CAPACITY - 13ACD-036 with TXV																										**[CB30M-46]**
63°F (17°C)	1050	495	33.8	9.9	2.24	.77	.92	1.00	32.4	9.5	2.51	.79	.94	1.00	30.8	9.0	2.81	.80	.96	1.00	29.2	8.6	3.14	.82	.98	1.00
	1200	565	34.6	10.1	2.25	.80	.96	1.00	33.2	9.7	2.52	.82	.98	1.00	31.6	9.3	2.82	.84	1.00	1.00	30.2	8.9	3.15	.86	1.00	1.00
	1350	635	35.6	10.4	2.26	.83	.99	1.00	34.0	10.0	2.53	.85	1.00	1.00	32.6	9.6	2.83	.87	1.00	1.00	31.2	9.1	3.17	.90	1.00	1.00
67°F (19°C)	1050	495	35.8	10.5	2.27	.61	.75	.88	34.4	10.1	2.54	.62	.76	.90	32.8	9.6	2.84	.62	.78	.93	31.2	9.1	3.17	.63	.80	.95
	1200	565	36.8	10.8	2.28	.62	.78	.93	35.2	10.3	2.55	.63	.79	.95	33.6	9.8	2.85	.65	.81	.97	32.0	9.4	3.18	.66	.84	.99
	1350	635	37.4	11.0	2.29	.64	.80	.96	36.0	10.6	2.56	.66	.83	.98	34.2	10.0	2.86	.67	.85	1.00	32.6	9.6	3.19	.68	.88	1.00
71°F (22°C)	1050	495	37.8	11.1	2.29	.46	.59	.72	36.4	10.7	2.56	.46	.60	.74	34.6	10.1	2.87	.46	.61	.75	33.0	9.7	3.20	.46	.62	.77
	1200	565	39.0	11.4	2.31	.47	.61	.76	37.2	10.9	2.58	.47	.62	.77	35.6	10.4	2.88	.47	.63	.79	33.8	9.9	3.21	.48	.65	.81
	1350	635	39.5	11.6	2.32	.48	.63	.79	37.8	11.1	2.59	.48	.64	.81	36.2	10.6	2.89	.48	.66	.83	34.4	10.1	3.22	.49	.67	.86
COOLING CAPACITY - 13ACD-036 with TXV																										**[CB30M-51]**
63°F (17°C)	1050	495	35.2	10.3	2.26	.76	.91	1.00	33.8	9.9	2.53	.78	.93	1.00	32.2	9.4	2.83	.80	.96	1.00	30.6	9.0	3.16	.82	.98	1.00
	1200	565	36.2	10.6	2.27	.80	.95	1.00	34.6	10.1	2.54	.81	.98	1.00	33.2	9.7	2.84	.83	.99	1.00	31.6	9.3	3.18	.86	1.00	1.00
	1350	635	37.2	10.9	2.29	.83	.99	1.00	35.6	10.4	2.55	.85	1.00	1.00	34.2	10.0	2.85	.87	1.00	1.00	32.6	9.6	3.20	.89	1.00	1.00
67°F (19°C)	1050	495	37.2	10.9	2.29	.60	.74	.87	35.8	10.5	2.56	.61	.75	.90	34.2	10.0	2.86	.62	.77	.92	32.6	9.6	3.19	.63	.79	.95
	1200	565	38.5	11.3	2.30	.62	.77	.92	36.8	10.8	2.57	.63	.79	.94	35.0	10.3	2.87	.64	.81	.97	33.4	9.8	3.20	.65	.83	.99
	1350	635	39.0	11.4	2.31	.64	.80	.96	37.6	11.0	2.58	.65	.82	.98	35.8	10.5	2.88	.66	.85	1.00	34.0	10.0	3.22	.68	.87	1.00
71°F (22°C)	1050	495	39.5	11.6	2.31	.45	.59	.71	37.8	11.1	2.59	.46	.60	.73	36.2	10.6	2.89	.46	.61	.75	34.4	10.1	3.23	.46	.62	.77
	1200	565	40.5	11.9	2.33	.46	.61	.75	39.0	11.4	2.60	.47	.62	.77	37.0	10.8	2.90	.47	.63	.78	35.4	10.4	3.24	.48	.64	.81
	1350	635	41.0	12.0	2.34	.47	.63	.78	39.5	11.6	2.61	.48	.64	.80	37.8	11.1	2.92	.48	.65	.82	36.0	10.6	3.25	.49	.67	.84
COOLING CAPACITY - 13ACD-036 with TXV																										**[CBX32MV-036] [CBX40UHV-036]**
63°F (17°C)	1090	515	34.0	10.0	2.25	.78	.93	1.00	32.6	9.6	2.51	.79	.95	1.00	31.0	9.1	2.81	.81	.97	1.00	29.6	8.7	3.14	.83	.99	1.00
	1225	580	34.8	10.2	2.25	.81	.96	1.00	33.4	9.8	2.52	.82	.98	1.00	31.8	9.3	2.82	.85	1.00	1.00	30.4	8.9	3.16	.87	1.00	1.00
	1380	650	35.8	10.5	2.27	.84	.99	1.00	34.2	10.0	2.54	.86	1.00	1.00	32.8	9.6	2.84	.88	1.00	1.00	31.4	9.2	3.17	.91	1.00	1.00
67°F (19°C)	1090	515	36.0	10.6	2.27	.61	.75	.89	34.6	10.1	2.54	.62	.77	.92	33.0	9.7	2.84	.63	.78	.94	31.4	9.2	3.17	.64	.81	.96
	1225	580	37.0	10.8	2.28	.63	.79	.93	35.4	10.4	2.55	.64	.80	.95	33.8	9.9	2.85	.65	.82	.97	32.0	9.4	3.19	.66	.84	1.00
	1380	650	37.6	11.0	2.29	.64	.82	.97	36.0	10.6	2.56	.66	.84	.99	34.4	10.1	2.86	.67	.86	1.00	32.6	9.6	3.19	.69	.88	1.00
71°F (22°C)	1090	515	38.0	11.1	2.30	.46	.60	.73	36.6	10.7	2.57	.46	.61	.75	35.0	10.3	2.87	.47	.62	.76	33.2	9.7	3.20	.47	.63	.78
	1225	580	39.0	11.4	2.31	.47	.62	.76	37.2	10.9	2.58	.47	.62	.78	35.6	10.4	2.88	.48	.64	.80	33.8	9.9	3.22	.48	.65	.82
	1380	650	39.5	11.6	2.32	.48	.64	.79	38.0	11.1	2.59	.48	.65	.81	36.2	10.6	2.89	.49	.66	.84	34.6	10.1	3.22	.49	.68	.86
COOLING CAPACITY - 13ACD-036 with TXV																										**[CBX32MV-048] [CBX40UHV-048]**
63°F (17°C)	1205	570	36.2	10.6	2.27	.80	.96	1.00	34.8	10.2	2.54	.82	.98	1.00	33.2	9.7	2.84	.83	1.00	1.00	31.6	9.3	3.18	.86	1.00	1.00
	1375	650	37.4	11.0	2.29	.83	.99	1.00	35.8	10.5	2.56	.85	1.00	1.00	34.4	10.1	2.86	.88	1.00	1.00	32.8	9.6	3.20	.90	1.00	1.00
67°F (19°C)	1205	570	38.5	11.3	2.30	.62	.77	.92	36.8	10.8	2.57	.63	.79	.94	35.2	10.3	2.87	.64	.81	.97	33.4	9.8	3.20	.66	.83	.99
	1375	650	39.0	11.4	2.31	.64	.81	.97	37.6	11.0	2.58	.66	.83	.99	35.8	10.5	2.88	.67	.85	1.00	34.0	10.0	3.22	.68	.88	1.00
71°F (22°C)	1205	570	40.5	11.9	2.33	.46	.61	.75	39.0	11.4	2.60	.47	.62	.77	37.0	10.8	2.90	.47	.63	.79	35.4	10.4	3.24	.48	.64	.81
	1375	650	41.5	12.2	2.34	.47	.63	.79	39.5	11.6	2.61	.48	.64	.80	38.0	11.1	2.92	.48	.66	.83	36.0	10.6	3.25	.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 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		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - 13ACD-042 TXV or RFC System																												**[C33-43B/C]**
63°F (17°C)	1200	565	41.5	12.2	2.55	.76	.89	1.00	40.0	11.7	2.88	.77	.91	1.00	38.0	11.1	3.26	.79	.93	1.00	36.2	10.6	3.71	.81	.96	1.00
	1400	660	42.5	12.5	2.57	.79	.94	1.00	41.0	12.0	2.90	.81	.96	1.00	39.5	11.6	3.28	.83	.98	1.00	37.4	11.0	3.72	.85	1.00	1.00
	1600	755	44.0	12.9	2.58	.83	.98	1.00	42.0	12.3	2.91	.84	1.00	1.00	40.5	11.9	3.29	.86	1.00	1.00	38.5	11.3	3.73	.89	1.00	1.00
67°F (19°C)	1200	565	43.5	12.7	2.58	.61	.74	.86	42.0	12.3	2.91	.62	.75	.88	40.0	11.7	3.28	.62	.76	.90	38.5	11.3	3.73	.64	.78	.92
	1400	660	45.0	13.2	2.60	.63	.77	.90	43.0	12.6	2.93	.64	.78	.92	41.5	12.2	3.30	.65	.80	.95	39.5	11.6	3.74	.66	.82	.98
	1600	755	46.0	13.5	2.61	.65	.80	.95	44.5	13.0	2.94	.66	.82	.97	42.5	12.5	3.32	.67	.84	.99	40.5	11.9	3.76	.69	.86	1.00
71°F (22°C)	1200	565	46.0	13.5	2.61	.47	.59	.71	44.0	12.9	2.93	.48	.60	.72	42.5	12.5	3.32	.48	.61	.74	40.5	11.9	3.76	.48	.62	.76
	1400	660	47.0	13.8	2.63	.48	.62	.75	45.5	13.3	2.95	.48	.62	.76	43.5	12.7	3.33	.49	.64	.78	41.5	12.2	3.77	.50	.65	.80
	1600	755	48.0	14.1	2.64	.49	.64	.78	46.5	13.6	2.97	.49	.65	.80	44.5	13.0	3.35	.50	.66	.81	42.5	12.5	3.79	.51	.67	.84
COOLING CAPACITY - 13ACD-042 with TXV																												**[C33-49C]**
63°F (17°C)	1200	565	41.0	12.0	2.55	.76	.89	1.00	39.5	11.6	2.88	.77	.91	1.00	38.0	11.1	3.27	.79	.93	1.00	36.2	10.6	3.70	.81	.95	1.00
	1400	660	42.5	12.5	2.57	.79	.93	1.00	41.0	12.0	2.90	.81	.95	1.00	39.5	11.6	3.28	.82	.98	1.00	37.6	11.0	3.72	.85	1.00	1.00
	1600	755	44.0	12.9	2.58	.82	.97	1.00	42.5	12.5	2.91	.84	.99	1.00	41.0	12.0	3.29	.86	1.00	1.00	39.0	11.4	3.73	.88	1.00	1.00
67°F (19°C)	1200	565	43.5	12.7	2.58	.61	.74	.86	42.0	12.3	2.91	.62	.75	.88	40.5	11.9	3.29	.63	.76	.89	38.5	11.3	3.73	.64	.78	.92
	1400	660	45.0	13.2	2.60	.63	.77	.90	43.5	12.7	2.92	.64	.78	.92	41.5	12.2	3.30	.65	.80	.94	39.5	11.6	3.75	.66	.82	.97
	1600	755	46.0	13.5	2.61	.65	.80	.94	44.5	13.0	2.94	.66	.82	.97	42.5	12.5	3.32	.67	.84	.99	40.5	11.9	3.76	.69	.86	1.00
71°F (22°C)	1200	565	45.5	13.3	2.61	.47	.60	.71	44.0	12.9	2.93	.48	.60	.72	42.5	12.5	3.32	.48	.61	.74	40.5	11.9	3.76	.48	.62	.76
	1400	660	47.0	13.8	2.62	.48	.62	.74	45.5	13.3	2.96	.48	.63	.76	44.0	12.9	3.33	.49	.64	.78	42.0	12.3	3.77	.50	.65	.80
	1600	755	48.5	14.2	2.64	.49	.64	.78	47.0	13.8	2.97	.50	.65	.79	45.0	13.2	3.35	.50	.66	.81	43.0	12.6	3.78	.51	.68	.83
COOLING CAPACITY - 13ACD-042 with RFC																												**[C33-49C]**
63°F (17°C)	1200	565	41.5	12.2	2.56	.77	.90	1.00	39.5	11.6	2.89	.78	.92	1.00	38.0	11.1	3.27	.80	.94	1.00	36.2	10.6	3.70	.82	.97	1.00
	1400	660	42.5	12.5	2.58	.80	.95	1.00	41.0	12.0	2.90	.82	.97	1.00	39.5	11.6	3.28	.84	.99	1.00	37.4	11.0	3.72	.86	1.00	1.00
	1600	755	44.0	12.9	2.59	.84	.99	1.00	42.0	12.3	2.92	.85	1.00	1.00	40.5	11.9	3.30	.88	1.00	1.00	39.0	11.4	3.74	.90	1.00	1.00
67°F (19°C)	1200	565	43.5	12.7	2.59	.62	.75	.87	42.0	12.3	2.91	.62	.76	.89	40.0	11.7	3.29	.63	.77	.91	38.0	11.1	3.73	.64	.79	.93
	1400	660	45.0	13.2	2.61	.64	.78	.92	43.0	12.6	2.93	.65	.79	.94	41.5	12.2	3.31	.66	.81	.96	39.5	11.6	3.74	.67	.84	.99
	1600	755	46.0	13.5	2.62	.66	.81	.96	44.0	12.9	2.95	.67	.83	.98	42.5	12.5	3.33	.68	.85	1.00	40.5	11.9	3.76	.70	.88	1.00
71°F (22°C)	1200	565	45.5	13.3	2.61	.47	.60	.72	44.0	12.9	2.95	.48	.61	.73	42.0	12.3	3.32	.48	.62	.75	40.0	11.7	3.75	.48	.63	.77
	1400	660	47.5	13.9	2.64	.48	.62	.76	45.5	13.3	2.96	.49	.63	.77	43.5	12.7	3.34	.49	.65	.79	41.5	12.2	3.77	.50	.66	.81
	1600	755	48.5	14.2	2.65	.49	.65	.79	46.5	13.6	2.98	.50	.66	.81	44.5	13.0	3.35	.50	.68	.83	42.5	12.5	3.79	.51	.69	.85
COOLING CAPACITY - 13ACD-042 with TXV																												**[C33-50/60C]**
63°F (17°C)	1200	565	41.0	12.0	2.55	.76	.89	1.00	39.5	11.6	2.88	.77	.91	1.00	38.0	11.1	3.27	.78	.93	1.00	36.0	10.6	3.70	.80	.95	1.00
	1400	660	42.5	12.5	2.57	.79	.93	1.00	41.0	12.0	2.90	.80	.96	1.00	39.0	11.4	3.28	.82	.98	1.00	37.2	10.9	3.71	.84	1.00	1.00
	1600	755	43.5	12.7	2.58	.82	.98	1.00	42.0	12.3	2.91	.84	.99	1.00	40.5	11.9	3.29	.86	1.00	1.00	38.5	11.3	3.73	.88	1.00	1.00
67°F (19°C)	1200	565	43.5	12.7	2.58	.61	.73	.86	42.0	12.3	2.91	.61	.75	.87	40.5	11.9	3.29	.62	.76	.89	38.5	11.3	3.73	.63	.78	.92
	1400	660	44.5	13.0	2.59	.63	.76	.90	43.0	12.6	2.92	.63	.77	.92	41.5	12.2	3.30	.65	.80	.94	39.5	11.6	3.75	.66	.82	.97
	1600	755	46.0	13.5	2.61	.64	.80	.94	44.0	12.9	2.94	.66	.81	.96	42.5	12.5	3.32	.67	.83	.99	40.5	11.9	3.75	.68	.86	1.00
71°F (22°C)	1200	565	45.5	13.3	2.61	.47	.59	.71	44.5	13.0	2.94	.48	.60	.72	42.5	12.5	3.32	.48	.61	.74	40.5	11.9	3.76	.48	.62	.75
	1400	660	47.0	13.8	2.63	.48	.61	.74	45.5	13.3	2.95	.48	.62	.75	43.5	12.7	3.33	.49	.63	.77	42.0	12.3	3.77	.49	.65	.79
	1600	755	48.0	14.1	2.64	.49	.63	.77	46.5	13.6	2.97	.49	.64	.79	44.5	13.0	3.34	.50	.66	.81	42.5	12.5	3.78	.50	.67	.83
COOLING CAPACITY - 13ACD-042 with RFC																												**[C33-50/60C]**
63°F (17°C)	1100	520	40.0	11.7	2.55	.75	.87	.99	38.5	11.3	2.88	.76	.89	1.00	36.8	10.8	3.25	.77	.91	1.00	35.0	10.3	3.69	.79	.94	1.00
	1300	615	41.5	12.2	2.56	.78	.92	1.00	40.0	11.7	2.89	.79	.94	1.00	38.0	11.1	3.27	.81	.96	1.00	36.2	10.6	3.70	.83	.99	1.00
	1500	710	43.0	12.6	2.58	.81	.97	1.00	41.0	12.0	2.90	.83	.99	1.00	39.5	11.6	3.28	.85	1.00	1.00	37.4	11.0	3.72	.87	1.00	1.00
67°F (19°C)	1100	520	42.5	12.5	2.58	.60	.72	.84	41.0	12.0	2.91	.61	.73	.86	39.0	11.4	3.28	.62	.75	.88	37.2	10.9	3.72	.63	.77	.90
	1300	615	44.0	12.9	2.59	.62	.76	.89	42.5	12.5	2.92	.63	.77	.91	40.5	11.9	3.30	.64	.78	.93	38.5	11.3	3.73	.65	.81	.96
	1500	710	45.0	13.2	2.61	.64	.79	.93	43.5	12.7	2.94	.65	.81	.96	41.5	12.2	3.31	.66	.83	.98	39.5	11.6	3.74	.68	.85	1.00
71°F (22°C)	1100	520	45.0	13.2	2.61	.47	.58	.70	43.5	12.7	2.93	.47	.59	.71	41.5	12.2	3.31	.47	.60	.72	39.5	11.6	3.75	.48	.61	.74
	1300	615	46.5	13.6	2.63	.48	.60	.73	45.0	13.2	2.95	.48	.61	.74	43.0	12.6	3.33	.48	.62	.76	41.0	12.0	3.76	.49	.64	.78
	1500	710	48.0	14.1	2.64	.48	.63	.77	46.0	13.5	2.97	.49	.64	.78	44.0	12.9	3.34	.49	.65	.80	42.0	12.3	3.77	.50	.66	.82

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

UP-FLOW INDOOR COIL WITH GAS FURNACES

COOLING CAPACITY - 13ACD-042 with TXV

[C33-43B + G60UHV-36B-090]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	1165	550	41.0	12.0	2.55	.75	.88	1.00	39.5	11.6	2.88	.76	.90	1.00	37.8	11.1	3.26	.78	.92	1.00	35.8	10.5	3.70	.79	.94	1.00
	1385	655	42.5	12.5	2.57	.78	.93	1.00	41.0	12.0	2.90	.80	.95	1.00	39.0	11.4	3.27	.82	.97	1.00	37.2	10.9	3.71	.84	1.00	1.00
67°F (19°C)	1165	550	43.0	12.6	2.57	.60	.73	.85	41.5	12.2	2.90	.61	.74	.86	39.5	11.6	3.28	.61	.75	.88	38.0	11.1	3.72	.62	.77	.91
	1385	655	44.5	13.0	2.59	.62	.76	.90	43.0	12.6	2.92	.63	.77	.92	41.0	12.0	3.30	.64	.79	.94	39.5	11.6	3.74	.65	.81	.97
71°F (22°C)	1165	550	45.5	13.3	2.60	.47	.58	.70	44.0	12.9	2.93	.47	.59	.71	42.0	12.3	3.31	.47	.60	.73	40.0	11.7	3.75	.47	.61	.74
	1385	655	47.0	13.8	2.62	.48	.61	.74	45.5	13.3	2.95	.47	.61	.75	43.5	12.7	3.33	.48	.63	.77	41.5	12.2	3.77	.49	.64	.79

COOLING CAPACITY - 13ACD-042 with RFC

[C33-43B + G60UHV-36B-090]

63°F (17°C)	1165	550	40.5	11.9	2.55	.75	.89	1.00	39.0	11.4	2.88	.77	.91	1.00	37.4	11.0	3.25	.78	.93	1.00	35.4	10.4	3.69	.80	.95	1.00
	1385	655	42.0	12.3	2.57	.79	.94	1.00	40.5	11.9	2.90	.81	.96	1.00	38.5	11.3	3.27	.82	.98	1.00	36.8	10.8	3.71	.85	1.00	1.00
67°F (19°C)	1165	550	43.0	12.6	2.58	.60	.73	.85	41.5	12.2	2.91	.61	.74	.87	39.5	11.6	3.28	.62	.76	.89	37.6	11.0	3.72	.63	.77	.92
	1385	655	44.5	13.0	2.60	.62	.77	.91	42.5	12.5	2.93	.63	.78	.93	41.0	12.0	3.30	.64	.80	.95	39.0	11.4	3.74	.66	.82	.98
71°F (22°C)	1165	550	45.5	13.3	2.61	.46	.59	.71	43.5	12.7	2.94	.47	.59	.72	42.0	12.3	3.32	.47	.60	.73	40.0	11.7	3.75	.47	.61	.75
	1385	655	47.0	13.8	2.63	.47	.61	.75	45.0	13.2	2.96	.48	.62	.76	43.5	12.7	3.34	.48	.63	.78	41.5	12.2	3.77	.49	.64	.80

COOLING CAPACITY - 13ACD-042 with TXV

[C33-43B + G61MPV-36B-070]
[C33-43B + G71MPP-36B-070]

63°F (17°C)	1190	560	41.0	12.0	2.55	.76	.89	1.00	39.5	11.6	2.88	.77	.90	1.00	38.0	11.1	3.26	.78	.93	1.00	36.2	10.6	3.70	.80	.95	1.00
	1395	660	42.5	12.5	2.57	.79	.94	1.00	41.0	12.0	2.90	.81	.96	1.00	39.5	11.6	3.28	.82	.98	1.00	37.4	11.0	3.71	.84	1.00	1.00
67°F (19°C)	1190	560	43.5	12.7	2.58	.61	.73	.85	42.0	12.3	2.90	.61	.74	.87	40.0	11.7	3.29	.62	.76	.89	38.0	11.1	3.72	.63	.78	.92
	1395	660	45.0	13.2	2.59	.63	.77	.90	43.0	12.6	2.92	.64	.78	.92	41.5	12.2	3.30	.65	.80	.95	39.5	11.6	3.74	.66	.82	.97
71°F (22°C)	1190	560	45.5	13.3	2.60	.47	.59	.71	44.0	12.9	2.93	.47	.60	.72	42.5	12.5	3.31	.47	.60	.73	40.5	11.9	3.76	.48	.61	.75
	1395	660	47.0	13.8	2.62	.48	.62	.74	45.5	13.3	2.95	.48	.62	.76	43.5	12.7	3.33	.49	.63	.77	41.5	12.2	3.77	.50	.65	.80

COOLING CAPACITY - 13ACD-042 with RFC

[C33-43B + G61MPV-36B-070]
[C33-43B + G71MPP-36B-070]

63°F (17°C)	1190	560	41.0	12.0	2.56	.76	.90	1.00	39.5	11.6	2.88	.77	.92	1.00	37.6	11.0	3.26	.79	.94	1.00	35.8	10.5	3.70	.81	.96	1.00
	1395	660	42.5	12.5	2.57	.80	.95	1.00	40.5	11.9	2.90	.81	.97	1.00	39.0	11.4	3.27	.83	.99	1.00	37.0	10.8	3.71	.85	1.00	1.00
67°F (19°C)	1190	560	43.0	12.6	2.58	.61	.74	.86	41.5	12.2	2.91	.61	.75	.88	40.0	11.7	3.29	.62	.76	.90	37.8	11.1	3.73	.63	.78	.93
	1395	660	44.5	13.0	2.60	.63	.77	.91	43.0	12.6	2.93	.64	.79	.93	41.0	12.0	3.30	.65	.81	.96	39.0	11.4	3.74	.67	.83	.98
71°F (22°C)	1190	560	45.5	13.3	2.62	.47	.59	.71	44.0	12.9	2.94	.47	.60	.72	42.0	12.3	3.32	.47	.61	.74	40.0	11.7	3.75	.48	.62	.76
	1395	660	47.0	13.8	2.63	.48	.62	.75	45.5	13.3	2.96	.48	.63	.77	43.5	12.7	3.33	.49	.64	.78	41.5	12.2	3.77	.49	.65	.81

COOLING CAPACITY - 13ACD-042 with TXV

[C33-43C + G60UHV-60C-090]

63°F (17°C)	1355	640	42.0	12.3	2.56	.78	.92	1.00	40.5	11.9	2.89	.79	.94	1.00	39.0	11.4	3.27	.81	.96	1.00	37.0	10.8	3.71	.83	.99	1.00
	1520	715	43.0	12.6	2.57	.80	.96	1.00	41.5	12.2	2.90	.82	.98	1.00	40.0	11.7	3.29	.84	1.00	1.00	38.0	11.1	3.73	.86	1.00	1.00
67°F (19°C)	1355	640	44.5	13.0	2.59	.62	.75	.89	43.0	12.6	2.92	.62	.77	.91	41.0	12.0	3.30	.63	.78	.93	39.0	11.4	3.74	.64	.81	.96
	1520	715	45.5	13.3	2.60	.63	.78	.92	44.0	12.9	2.93	.64	.80	.95	42.0	12.3	3.31	.65	.82	.97	40.0	11.7	3.75	.67	.84	.99
71°F (22°C)	1355	640	47.0	13.8	2.62	.47	.60	.73	45.0	13.2	2.95	.47	.61	.74	43.5	12.7	3.33	.48	.62	.76	41.5	12.2	3.77	.48	.63	.78
	1520	715	47.5	13.9	2.63	.48	.62	.76	46.0	13.5	2.96	.48	.63	.77	44.0	12.9	3.34	.49	.64	.79	42.0	12.3	3.78	.49	.66	.81

COOLING CAPACITY - 13ACD-042 with RFC

[C33-43C + G60UHV-60C-090]

63°F (17°C)	1355	640	42.0	12.3	2.57	.78	.93	1.00	40.5	11.9	2.89	.80	.95	1.00	38.5	11.3	3.27	.82	.97	1.00	36.6	10.7	3.71	.84	1.00	1.00
	1520	715	43.0	12.6	2.58	.81	.97	1.00	41.5	12.2	2.90	.83	.99	1.00	39.5	11.6	3.28	.85	1.00	1.00	37.6	11.0	3.72	.88	1.00	1.00
67°F (19°C)	1355	640	44.5	13.0	2.60	.62	.76	.90	42.5	12.5	2.92	.63	.77	.92	40.5	11.9	3.30	.64	.79	.94	38.5	11.3	3.73	.65	.81	.97
	1520	715	45.0	13.2	2.61	.64	.79	.94	43.5	12.7	2.93	.65	.81	.96	41.5	12.2	3.31	.66	.83	.98	39.5	11.6	3.75	.68	.85	1.00
71°F (22°C)	1355	640	46.5	13.6	2.63	.47	.61	.74	45.0	13.2	2.96	.47	.61	.75	43.0	12.6	3.33	.48	.62	.77	41.0	12.0	3.76	.48	.64	.79
	1520	715	47.5	13.9	2.64	.48	.63	.77	46.0	13.5	2.97	.48	.64	.78	44.0	12.9	3.34	.49	.65	.80	42.0	12.3	3.78	.50	.66	.83

COOLING CAPACITY - 13ACD-042 with TXV

[C33-43C + G60UHV-60C-110]

63°F (17°C)	1295	610	42.0	12.3	2.56	.77	.91	1.00	40.5	11.9	2.89	.78	.93	1.00	38.5	11.3	3.27	.80	.95	1.00	36.6	10.7	3.71	.82	.98	1.00
	1395	660	42.5	12.5	2.57	.79	.93	1.00	41.0	12.0	2.90	.80	.95	1.00	39.0	11.4	3.27	.82	.98	1.00	37.2	10.9	3.71	.84	1.00	1.00
	1600	755	43.5	12.7	2.58	.82	.98	1.00	42.0	12.3	2.91	.84	.99	1.00	40.5	11.9	3.29	.86	1.00	1.00	38.5	11.3	3.73	.88	1.00	1.00
67°F (19°C)	1295	610	44.0	12.9	2.59	.61	.74	.87	42.5	12.5	2.91	.62	.76	.89	40.5	11.9	3.29	.62	.77	.92	38.5	11.3	3.74	.64	.79	.94
	1395	660	44.5	13.0	2.59	.62	.76	.90	43.0	12.6	2.92	.63	.78	.92	41.5	12.2	3.30	.64	.79	.94	39.5	11.6	3.75	.65	.82	.97
	1600	755	46.0	13.5	2.61	.64	.80	.95	44.0	12.9	2.94	.65	.81	.97	42.5	12.5	3.31	.67	.83	.99	40.5	11.9	3.75	.68	.85	1.00
71°F (22°C)	1295	610	46.5	13.6	2.62	.47	.60	.72	45.0	13.2	2.94	.47	.61	.73	43.0	12.6	3.32	.47	.61	.75	41.0	12.0	3.77	.48	.63	.77
	1395	660	47.0	13.8	2.62	.48	.61	.74	45.5	13.3	2.95	.47	.61	.75	43.5	12.7	3.33	.48	.63	.77	41.5	12.2	3.77	.49	.64	.79
	1600	755	48.0	14.1	2.63	.48	.63	.77	46.5	13.6	2.96	.49	.64	.79	44.5	13.0	3.35	.49	.65	.81	42.5	12.5	3.78	.50	.67	.83

COOLING CAPACITY - 13ACD-042 with RFC

[C33-43C + G60UHV-60C-110]

63°F (17°C)	1295	610	41.5	12.2	2.56	.77	.92	1.00	40.0	11.7	2.89	.79	.94	1.00	38.0	11.1	3.27	.80	.96	1.00	36.2	10.6	3.70	.83	.99	1.00
	1395	660	42.0	12.3	2.57	.79	.94	1.00	40.5	11.9	2.90	.81	.96	1.00	39.0	11.4	3.27	.83	.99	1.00	36.8	10.8	3.71	.85	1.00	1.00
	1600	755	43.5	12.7	2.59	.83	.99	1.00	41.5	12.2	2.91	.85	1.00	1.00	40.0	11.7	3.29	.87	1.00	1.00	38.5	11.3	3.73	.89	1.00	1.00
67°F (19°C)	1295	610	44.0	12.9	2.59	.61	.75	.88	42.0	12.3	2.92	.62	.76	.90	40.5	11.9	3.30	.63	.78	.93	38.5	11.3	3.73	.64	.80	.95
	1395	660	44.5	13.0	2.60	.62	.77	.91	43.0	12.6	2.93	.63	.78	.93	41.0	12.0	3.30	.64	.80	.95	39.0	11.4	3.74	.66	.82	.98
	1600	755	45.5	13.3	2.61	.65	.81	.95	43.5	12.7	2.94	.66	.82	.98	42.0	12.3	3.32	.67	.84	1.00	39.5	11.6	3.75	.69	.87	1.00
71°F (22°C)	1295	610	46.5	13.6	2.63	.47	.60	.73	44.5	13.0	2.95	.47	.61	.74	43.0	12.6	3.33	.48	.62	.76	41.0	12.0	3.76	.48	.63	.78
	1395	660	47.0	13.8	2.63	.47	.61	.75	45.0	13.2	2.96	.48	.62	.76	43.5	12.7	3.33	.48	.63	.78	41.5	12.2	3.77	.49	.65	.80
	1600	755	48.0	14.1	2.65	.49	.64	.78	46.5	13.6	2.97	.49	.65	.80	44.5	13.0	3.35	.50	.66	.82	42.5	12.5	3.78	.50	.68	.84

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

UP-FLOW INDOOR COIL WITH GAS FURNACES

COOLING CAPACITY - 13ACD-042 with TXV

[C33-43C + G61MPV-60C-090]
[C33-43C + G71MPP-60C-090]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	1275	600	41.5	12.2	2.56	.77	.90	1.00	40.0	11.7	2.89	.78	.92	1.00	38.5	11.3	3.27	.80	.95	1.00	36.6	10.7	3.71	.81	.97	1.00
	1440	680	43.0	12.6	2.57	.79	.94	1.00	41.0	12.0	2.89	.81	.96	1.00	39.5	11.6	3.28	.83	.99	1.00	37.6	11.0	3.72	.85	1.00	1.00
	1605	760	43.5	12.7	2.58	.82	.98	1.00	42.0	12.3	2.91	.84	1.00	1.00	40.5	11.9	3.29	.86	1.00	1.00	38.5	11.3	3.73	.88	1.00	1.00
67°F (19°C)	1275	600	44.0	12.9	2.58	.61	.74	.87	42.5	12.5	2.91	.62	.75	.89	40.5	11.9	3.29	.62	.77	.91	38.5	11.3	3.73	.64	.79	.94
	1440	680	45.0	13.2	2.60	.63	.77	.91	43.5	12.7	2.92	.64	.78	.93	41.5	12.2	3.30	.63	.80	.95	39.5	11.6	3.74	.66	.82	.98
	1605	760	46.0	13.5	2.61	.65	.80	.95	44.5	13.0	2.94	.66	.81	.97	42.5	12.5	3.31	.67	.83	.99	40.5	11.9	3.76	.68	.86	1.00
71°F (22°C)	1275	600	46.5	13.6	2.61	.47	.59	.72	44.5	13.0	2.94	.47	.60	.73	43.0	12.6	3.32	.47	.61	.75	41.0	12.0	3.76	.48	.62	.76
	1440	680	47.5	13.9	2.63	.48	.62	.75	45.5	13.3	2.95	.48	.62	.76	43.5	12.7	3.33	.49	.64	.78	42.0	12.3	3.77	.49	.65	.80
	1605	760	48.0	14.1	2.64	.48	.63	.77	46.5	13.6	2.97	.49	.64	.79	44.5	13.0	3.35	.50	.66	.81	42.5	12.5	3.79	.50	.68	.83

COOLING CAPACITY - 13ACD-042 with RFC

[C33-43C + G61MPV-60C-090]
[C33-43C + G71MPP-60C-090]

63°F (17°C)	1275	600	41.5	12.2	2.56	.77	.91	1.00	40.0	11.7	2.89	.79	.93	1.00	38.0	11.1	3.26	.80	.96	1.00	36.2	10.6	3.70	.82	.98	1.00
	1440	680	42.5	12.5	2.58	.80	.95	1.00	41.0	12.0	2.90	.82	.97	1.00	39.0	11.4	3.27	.84	1.00	1.00	37.2	10.9	3.71	.86	1.00	1.00
	1605	760	43.5	12.7	2.58	.83	.99	1.00	41.5	12.2	2.91	.85	1.00	1.00	40.0	11.7	3.29	.87	1.00	1.00	38.5	11.3	3.73	.90	1.00	1.00
67°F (19°C)	1275	600	44.0	12.9	2.59	.61	.75	.88	42.0	12.3	2.92	.62	.76	.90	40.5	11.9	3.29	.63	.78	.92	38.5	11.3	3.73	.64	.80	.95
	1440	680	44.5	13.0	2.60	.63	.78	.92	43.0	12.6	2.93	.64	.79	.94	41.0	12.0	3.31	.65	.81	.97	39.0	11.4	3.74	.67	.84	.99
	1605	760	45.5	13.3	2.61	.65	.81	.96	44.0	12.9	2.94	.66	.83	.98	42.0	12.3	3.32	.67	.85	1.00	40.0	11.7	3.75	.69	.87	1.00
71°F (22°C)	1275	600	46.0	13.5	2.62	.47	.60	.72	44.5	13.0	2.95	.47	.61	.74	42.5	12.5	3.32	.48	.62	.75	40.5	11.9	3.76	.48	.63	.77
	1440	680	47.0	13.8	2.64	.48	.62	.75	45.5	13.3	2.96	.48	.63	.77	43.5	12.7	3.34	.49	.64	.79	41.5	12.2	3.77	.49	.65	.81
	1605	760	48.0	14.1	2.65	.49	.64	.78	46.5	13.6	2.97	.49	.65	.80	44.5	13.0	3.35	.50	.66	.82	42.5	12.5	3.78	.50	.68	.85

COOLING CAPACITY - 13ACD-042 with TXV

[C33-43C + G61MPV-60C-110]
[C33-43C + G71MPP-60C-110]

63°F (17°C)	1290	610	42.0	12.3	2.56	.77	.91	1.00	40.5	11.9	2.89	.78	.93	1.00	38.5	11.3	3.27	.80	.95	1.00	36.6	10.7	3.71	.82	.98	1.00
	1405	665	42.5	12.5	2.57	.79	.93	1.00	41.0	12.0	2.90	.80	.95	1.00	39.0	11.4	3.27	.82	.98	1.00	37.4	11.0	3.71	.84	1.00	1.00
	1605	760	43.5	12.7	2.58	.82	.98	1.00	42.0	12.3	2.91	.84	1.00	1.00	40.5	11.9	3.29	.86	1.00	1.00	38.5	11.3	3.73	.88	1.00	1.00
67°F (19°C)	1290	610	44.0	12.9	2.59	.61	.74	.87	42.5	12.5	2.91	.62	.76	.89	40.5	11.9	3.29	.62	.77	.92	38.5	11.3	3.74	.64	.79	.94
	1405	665	44.5	13.0	2.59	.62	.76	.90	43.0	12.6	2.92	.63	.78	.92	41.5	12.2	3.30	.64	.79	.94	39.5	11.6	3.74	.66	.81	.97
	1605	760	46.0	13.5	2.61	.64	.80	.95	44.5	13.0	2.94	.66	.81	.97	42.5	12.5	3.31	.67	.83	.99	40.5	11.9	3.76	.68	.86	1.00
71°F (22°C)	1290	610	46.5	13.6	2.62	.47	.60	.72	45.0	13.2	2.94	.47	.60	.73	43.0	12.6	3.32	.47	.61	.75	41.0	12.0	3.76	.48	.63	.77
	1405	665	47.0	13.8	2.62	.48	.61	.74	45.5	13.3	2.95	.47	.62	.75	43.5	12.7	3.33	.48	.63	.77	41.5	12.2	3.77	.49	.64	.79
	1605	760	48.0	14.1	2.64	.48	.63	.77	46.5	13.6	2.97	.49	.64	.79	44.5	13.0	3.35	.50	.66	.81	42.5	12.5	3.79	.50	.68	.83

COOLING CAPACITY - 13ACD-042 with RFC

[C33-43C + G61MPV-60C-110]
[C33-43C + G71MPP-60C-110]

63°F (17°C)	1290	610	41.5	12.2	2.56	.77	.92	1.00	40.0	11.7	2.89	.79	.94	1.00	38.0	11.1	3.27	.80	.96	1.00	36.2	10.6	3.70	.83	.99	1.00
	1405	665	42.0	12.3	2.57	.79	.94	1.00	40.5	11.9	2.90	.81	.96	1.00	39.0	11.4	3.27	.83	.99	1.00	37.0	10.8	3.71	.85	1.00	1.00
	1605	760	43.5	12.7	2.58	.83	.99	1.00	41.5	12.2	2.91	.85	1.00	1.00	40.0	11.7	3.29	.87	1.00	1.00	38.5	11.3	3.73	.90	1.00	1.00
67°F (19°C)	1290	610	44.0	12.9	2.59	.61	.75	.89	42.0	12.3	2.92	.62	.76	.90	40.5	11.9	3.30	.63	.78	.93	38.5	11.3	3.73	.64	.80	.95
	1405	665	44.5	13.0	2.60	.63	.77	.91	43.0	12.6	2.93	.63	.79	.93	41.0	12.0	3.30	.65	.80	.96	39.0	11.4	3.74	.66	.83	.98
	1605	760	45.5	13.3	2.61	.65	.81	.96	44.0	12.9	2.94	.66	.83	.98	42.0	12.3	3.32	.67	.85	1.00	40.0	11.7	3.75	.69	.87	1.00
71°F (22°C)	1290	610	46.5	13.6	2.63	.47	.60	.73	44.5	13.0	2.95	.47	.61	.74	43.0	12.6	3.33	.48	.62	.76	41.0	12.0	3.76	.48	.63	.78
	1405	665	47.0	13.8	2.63	.47	.61	.75	45.5	13.3	2.96	.48	.62	.76	43.5	12.7	3.33	.48	.63	.78	41.5	12.2	3.77	.49	.65	.80
	1605	760	48.0	14.1	2.65	.49	.64	.78	46.5	13.6	2.97	.49	.65	.80	44.5	13.0	3.35	.50	.66	.82	42.5	12.5	3.78	.50	.68	.85

COOLING CAPACITY - 13ACD-042 with TXV

[C33-49C + G60UHV-60C-090]

63°F (17°C)	1355	640	42.5	12.5	2.57	.78	.92	1.00	41.0	12.0	2.89	.79	.94	1.00	39.0	11.4	3.27	.81	.97	1.00	37.4	11.0	3.72	.83	.99	1.00
	1520	715	43.5	12.7	2.58	.81	.96	1.00	42.0	12.3	2.91	.82	.98	1.00	40.5	11.9	3.29	.84	1.00	1.00	38.5	11.3	3.73	.87	1.00	1.00
67°F (19°C)	1355	640	44.5	13.0	2.59	.62	.76	.89	43.0	12.6	2.92	.63	.77	.91	41.5	12.2	3.30	.64	.79	.93	39.5	11.6	3.75	.65	.81	.96
	1520	715	45.5	13.3	2.61	.64	.78	.92	44.0	12.9	2.93	.65	.80	.95	42.5	12.5	3.31	.66	.82	.97	40.5	11.9	3.75	.67	.84	1.00
71°F (22°C)	1355	640	47.0	13.8	2.62	.47	.61	.73	45.5	13.3	2.95	.47	.61	.75	43.5	12.7	3.33	.48	.63	.76	41.5	12.2	3.77	.48	.64	.78
	1520	715	48.0	14.1	2.64	.48	.62	.76	46.5	13.6	2.97	.48	.64	.78	44.5	13.0	3.34	.49	.65	.80	42.5	12.5	3.78	.50	.66	.82

COOLING CAPACITY - 13ACD-042 with TXV

[C33-49C + G60UHV-60C-110]

63°F (17°C)	1295	610	42.0	12.3	2.56	.77	.91	1.00	40.5	11.9	2.89	.78	.93	1.00	38.5	11.3	3.27	.80	.95	1.00	37.0	10.8	3.72	.82	.98	1.00
	1395	660	42.5	12.5	2.57	.79	.93	1.00	41.0	12.0	2.90	.80	.95	1.00	39.5	11.6	3.28	.82	.97	1.00	37.6	11.0	3.73	.84	1.00	1.00
	1600	755	44.0	12.9	2.58	.82	.97	1.00	42.5	12.5	2.92	.84	.99	1.00	41.0	12.0	3.30	.86	1.00	1.00	39.0	11.4	3.73	.88	1.00	1.00
67°F (19°C)	1295	610	44.0	12.9	2.59	.61	.75	.88	42.5	12.5	2.92	.62	.76	.89	40.5	11.9	3.29	.63	.76	.92	39.0	11.4	3.74	.64	.80	.94
	1395	660	45.0	13.2	2.60	.62	.76	.90	43.5	12.7	2.92	.63	.78	.92	41.5	12.2	3.30	.64	.80	.94	39.5	11.6	3.75	.66	.82	.97
	1600	755	46.0	13.5	2.61	.65	.80	.94	44.5	13.0	2.94	.66	.82	.97	42.5	12.5	3.32	.67	.84	.99	40.5	11.9	3.76	.68	.86	1.00
71°F (22°C)	1295	610	46.5	13.6	2.62	.47	.60	.72	45.0	13.2	2.95	.47	.61	.74	43.0	12.6	3.33	.48	.62	.75	41.0	12.0	3.77	.48	.63	.77
	1395	660	47.0	13.8	2.62	.48	.61	.74	45.5	13.3	2.96	.48	.62	.76	44.0	12.9	3.33	.48	.63	.77	42.0	12.3	3.77	.49	.64	.79
	1600	755	48.5	14.2	2.65	.49	.63	.78	47.0	13.8	2.97	.49	.65	.79	45.0	13.2	3.35	.50	.66	.81	43.0	12.6	3.78	.50	.67	.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.

UP-FLOW INDOOR COIL WITH GAS FURNACES

COOLING CAPACITY - 13ACD-042 with RFC [C33-49C + G60UHV-60C-110]

Entering Wet Bulb Temperature	Total Air Volume		85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1295	610	41.5	12.2	2.57	.78	.92	1.00	40.0	11.7	2.89	.79	.94	1.00	38.5	11.3	3.27	.81	.96	1.00	36.6	10.7	3.70	.83	.99	1.00
	1395	660	42.5	12.5	2.57	.80	.94	1.00	41.0	12.0	2.90	.81	.96	1.00	39.0	11.4	3.27	.83	.99	1.00	37.2	10.9	3.71	.85	1.00	1.00
	1600	755	43.5	12.7	2.59	.83	.99	1.00	42.0	12.3	2.92	.85	1.00	1.00	40.5	11.9	3.30	.87	1.00	1.00	39.0	11.4	3.74	.90	1.00	1.00
67°F (19°C)	1295	610	44.0	12.9	2.59	.62	.75	.89	42.5	12.5	2.92	.63	.77	.91	40.5	11.9	3.30	.64	.78	.93	38.5	11.3	3.73	.65	.80	.95
	1395	660	44.5	13.0	2.60	.63	.77	.91	43.0	12.6	2.93	.64	.79	.93	41.5	12.2	3.31	.65	.81	.96	39.5	11.6	3.74	.66	.83	.98
	1600	755	46.0	13.5	2.62	.65	.81	.96	44.0	12.9	2.94	.66	.83	.98	42.5	12.5	3.32	.68	.85	1.00	40.5	11.9	3.76	.69	.87	1.00
71°F (22°C)	1295	610	46.5	13.6	2.62	.47	.60	.73	44.5	13.0	2.95	.47	.61	.74	42.5	12.5	3.32	.48	.62	.76	40.5	11.9	3.76	.48	.64	.78
	1395	660	47.0	13.8	2.64	.48	.62	.75	45.5	13.3	2.96	.48	.63	.76	43.5	12.7	3.33	.48	.64	.78	41.5	12.2	3.76	.49	.65	.80
	1600	755	48.5	14.2	2.65	.49	.64	.78	46.5	13.6	2.98	.49	.65	.80	44.5	13.0	3.35	.50	.66	.82	42.5	12.5	3.79	.50	.68	.85

COOLING CAPACITY - 13ACD-042 with TXV [C33-49C + G61MPV-60C-090] [C33-49C + G71MPP-60C-090]

63°F (17°C)	1275	600	41.5	12.2	2.56	.77	.91	1.00	40.0	11.7	2.89	.78	.92	1.00	38.5	11.3	3.27	.80	.95	1.00	36.8	10.8	3.71	.82	.97	1.00
	1440	680	43.0	12.6	2.57	.80	.94	1.00	41.5	12.2	2.90	.81	.96	1.00	40.0	11.7	3.28	.83	.99	1.00	38.0	11.1	3.73	.85	1.00	1.00
	1605	760	44.0	12.9	2.58	.82	.98	1.00	42.5	12.5	2.92	.84	1.00	1.00	41.0	12.0	3.30	.86	1.00	1.00	39.0	11.4	3.74	.89	1.00	1.00
67°F (19°C)	1275	600	44.0	12.9	2.59	.61	.74	.87	42.5	12.5	2.92	.62	.76	.89	41.0	12.0	3.29	.63	.77	.91	39.0	11.4	3.74	.64	.79	.94
	1440	680	45.0	13.2	2.60	.63	.77	.91	43.5	12.7	2.93	.64	.79	.93	42.0	12.3	3.31	.65	.81	.95	40.0	11.7	3.75	.66	.83	.98
	1605	760	46.0	13.5	2.61	.65	.80	.95	44.5	13.0	2.94	.66	.82	.97	42.5	12.5	3.32	.67	.84	.99	41.0	12.0	3.76	.69	.86	1.00
71°F (22°C)	1275	600	46.5	13.6	2.62	.47	.60	.72	44.5	13.0	2.94	.47	.61	.73	43.0	12.6	3.32	.47	.62	.75	41.0	12.0	3.76	.48	.63	.77
	1440	680	47.5	13.9	2.63	.48	.62	.75	46.0	13.5	2.96	.48	.63	.77	44.0	12.9	3.33	.49	.64	.78	42.0	12.3	3.78	.49	.65	.80
	1605	760	48.5	14.2	2.65	.49	.64	.78	47.0	13.8	2.97	.49	.65	.80	45.0	13.2	3.35	.50	.66	.81	43.0	12.6	3.79	.51	.67	.84

COOLING CAPACITY - 13ACD-042 with RFC [C33-49C + G61MPV-60C-090] [C33-49C + G71MPP-60C-090]

63°F (17°C)	1275	600	41.5	12.2	2.57	.78	.92	1.00	40.0	11.7	2.89	.79	.94	1.00	38.5	11.3	3.27	.81	.96	1.00	36.4	10.7	3.70	.83	.98	1.00
	1440	680	42.5	12.5	2.58	.80	.96	1.00	41.0	12.0	2.90	.82	.97	1.00	39.5	11.6	3.28	.84	1.00	1.00	37.6	11.0	3.72	.86	1.00	1.00
	1605	760	44.0	12.9	2.59	.83	.99	1.00	42.0	12.3	2.92	.85	1.00	1.00	40.5	11.9	3.30	.87	1.00	1.00	39.0	11.4	3.74	.90	1.00	1.00
67°F (19°C)	1275	600	44.0	12.9	2.59	.62	.75	.88	42.5	12.5	2.92	.63	.77	.90	40.5	11.9	3.30	.63	.78	.92	38.5	11.3	3.73	.65	.80	.95
	1440	680	45.0	13.2	2.61	.64	.78	.92	43.5	12.7	2.93	.64	.80	.94	41.5	12.2	3.31	.66	.82	.97	39.5	11.6	3.74	.67	.84	.99
	1605	760	46.0	13.5	2.62	.65	.81	.96	44.0	12.9	2.95	.67	.83	.98	42.5	12.5	3.32	.68	.85	1.00	40.5	11.9	3.76	.69	.87	1.00
71°F (22°C)	1275	600	46.0	13.5	2.62	.47	.60	.73	44.5	13.0	2.95	.47	.61	.74	42.5	12.5	3.33	.48	.62	.76	40.5	11.9	3.76	.48	.63	.78
	1440	680	47.5	13.9	2.64	.48	.62	.76	45.5	13.3	2.96	.48	.63	.77	43.5	12.7	3.34	.49	.64	.79	41.5	12.2	3.77	.49	.66	.81
	1605	760	48.5	14.2	2.65	.49	.64	.79	46.5	13.6	2.98	.49	.65	.80	44.5	13.0	3.35	.51	.66	.82	42.5	12.5	3.79	.51	.68	.85

COOLING CAPACITY - 13ACD-042 with TXV [C33-49C + G61MPV-60C-110] [C33-49C + G71MPP-60C-110]

63°F (17°C)	1290	610	42.0	12.3	2.57	.77	.91	1.00	40.5	11.9	2.90	.78	.93	1.00	38.5	11.3	3.29	.80	.95	1.00	37.0	10.8	3.74	.82	.98	1.00
	1405	665	42.5	12.5	2.58	.79	.93	1.00	41.0	12.0	2.91	.80	.95	1.00	39.5	11.6	3.30	.82	.98	1.00	37.8	11.1	3.75	.84	1.00	1.00
	1605	760	44.0	12.9	2.60	.82	.98	1.00	42.5	12.5	2.93	.84	.99	1.00	41.0	12.0	3.31	.86	1.00	1.00	39.0	11.4	3.76	.88	1.00	1.00
67°F (19°C)	1290	610	44.5	13.0	2.60	.61	.75	.88	42.5	12.5	2.93	.62	.76	.89	40.5	11.9	3.31	.63	.77	.91	39.0	11.4	3.76	.64	.79	.94
	1405	665	45.0	13.2	2.61	.62	.77	.90	43.5	12.7	2.94	.63	.78	.92	41.5	12.2	3.32	.65	.80	.94	40.0	11.7	3.77	.66	.82	.97
	1605	760	46.5	13.6	2.62	.65	.80	.95	44.5	13.0	2.95	.66	.82	.97	43.0	12.6	3.33	.67	.84	.99	41.0	12.0	3.78	.68	.86	1.00
71°F (22°C)	1290	610	46.5	13.6	2.63	.47	.60	.72	45.0	13.2	2.96	.47	.61	.74	43.0	12.6	3.34	.47	.62	.75	41.0	12.0	3.79	.48	.63	.77
	1405	665	47.5	13.9	2.64	.48	.61	.74	46.0	13.5	2.97	.48	.62	.76	44.0	12.9	3.35	.48	.63	.77	42.0	12.3	3.79	.49	.65	.79
	1605	760	48.5	14.2	2.65	.49	.64	.78	47.0	13.8	2.98	.49	.65	.79	45.0	13.2	3.37	.50	.66	.81	43.0	12.6	3.81	.51	.67	.84

COOLING CAPACITY - 13ACD-042 with RFC [C33-49C + G61MPV-60C-110] [C33-49C + G71MPP-60C-110]

63°F (17°C)	1290	610	41.5	12.2	2.57	.78	.92	1.00	40.0	11.7	2.89	.79	.94	1.00	38.5	11.3	3.27	.81	.96	1.00	36.6	10.7	3.70	.83	.99	1.00
	1405	665	42.5	12.5	2.57	.80	.95	1.00	41.0	12.0	2.90	.81	.97	1.00	39.0	11.4	3.27	.83	.99	1.00	37.4	11.0	3.72	.85	1.00	1.00
	1605	760	44.0	12.9	2.59	.83	.99	1.00	42.0	12.3	2.92	.85	1.00	1.00	40.5	11.9	3.30	.87	1.00	1.00	39.0	11.4	3.74	.90	1.00	1.00
67°F (19°C)	1290	610	44.0	12.9	2.59	.62	.75	.89	42.5	12.5	2.92	.63	.77	.91	40.5	11.9	3.30	.64	.78	.93	38.5	11.3	3.73	.65	.80	.95
	1405	665	45.0	13.2	2.60	.63	.77	.91	43.0	12.6	2.93	.64	.79	.93	41.5	12.2	3.31	.65	.81	.96	39.5	11.6	3.74	.66	.83	.98
	1605	760	46.0	13.5	2.62	.65	.81	.96	44.0	12.9	2.95	.66	.83	.98	42.5	12.5	3.32	.68	.85	1.00	40.5	11.9	3.76	.69	.87	1.00
71°F (22°C)	1290	610	46.5	13.6	2.62	.47	.60	.73	44.5	13.0	2.95	.47	.61	.74	42.5	12.5	3.32	.48	.62	.76	40.5	11.9	3.76	.48	.64	.78
	1405	665	47.0	13.8	2.64	.48	.62	.75	45.5	13.3	2.96	.48	.63	.77	43.5	12.7	3.33	.49	.64	.78	41.5	12.2	3.77	.49	.65	.80
	1605	760	48.5	14.2	2.65	.49	.64	.79	46.5	13.6	2.98	.49	.65	.80	44.5	13.0	3.34	.50	.66	.82	42.5	12.5	3.79	.51	.68	.85

COOLING CAPACITY - 13ACD-042 with TXV [C33-50/60C + G60UHV-60C-090]

63°F (17°C)	1355	640	42.0	12.3	2.58	.77	.91	1.00	40.5	11.9	2.91	.78	.94	1.00	39.0	11.4	3.29	.81	.96	1.00	37.0	10.8	3.73	.82	.98	1.00
	1520	715	43.0	12.6	2.59	.80	.95	1.00	41.5	12.2	2.91	.82	.97	1.00	39.5	11.6	3.30	.84	1.00	1.00	37.8	11.1	3.74	.86	1.00	1.00
67°F (19°C)	1355	640	44.5	13.0	2.60	.61	.75	.88	42.5	12.5	2.93	.63	.76	.90	41.0	12.0	3.32	.63	.78	.93	39.0	11.4	3.76	.64	.80	.95
	1520	715	45.5	13.3	2.61	.63	.77	.92	43.5	12.7	2.94	.64	.79	.94	42.0	12.3	3.32	.66	.81	.97	40.0	11.7	3.77	.67	.83	.99
71°F (22°C)	1355	640	46.5	13.6	2.63	.47	.60	.73	45.5	13.3	2.96	.47	.61	.74	43.5	12.7	3.35	.47	.62	.75	41.5	12.2	3.79	.48	.63	.78
	1520	715	47.5	13.9	2.64	.48	.62	.75	46.0	13.5	2.97	.48	.62	.77	44.5	13.0	3.36	.48	.64	.79	42.5	12.5	3.80	.49	.65	.81

COOLING CAPACITY - 13ACD-042 with RFC [C33-50/60C + G60UHV-60C-090]

63°F (17°C)	1355	640	41.5	12.2	2.57	.78	.93	1.00	40.0	11.7	2.89	.79	.95	1.00	38.5	11.3	3.27	.81	.97	1.00	36.4	10.7	3.70	.83	.99	1.00
	1520	715	42.5	12.5	2.58	.81	.96	1.00	41.0	12.0	2.90	.82	.99	1.00	39.0	11.4	3.28	.85	1.00	1.00	37.4	11.0	3.72	.87	1.00	1.00
67°F (19°C)	1355	640	44.0	12.9	2.60	.62	.76	.89	42.5	12.5	2.92	.62	.77	.91	40.5	11.9	3.30	.64	.79	.94	38.5	11.3	3.73	.65	.81	.96
	1520	715	45.0	13.2	2.61	.63	.79	.93	43.5	12.7	2.94	.64	.80	.95	41.5	12.2	3.31	.66	.82	.98	39.5	11.6	3.74	.67	.84	1.00
71°F (22°C)	1355	640	46.5	13.6	2.63	.47	.60	.73	45.0	13.2	2.96	.47	.61	.75	43.0	12.6	3.33	.48	.62	.76	41.0	12.0	3.77	.48	.63	.78
	1520	715	48.0	14.1	2.64	.48	.62	.76	46.0	13.5	2.97	.48	.63	.78	44.0	12.9	3.34	.49	.64	.80	42.0	12.3	3.77	.49	.66	.82

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

UP-FLOW INDOOR COIL WITH GAS FURNACES

COOLING CAPACITY - 13ACD-042 with TXV [C33-50/60C + G60UHV-60C-110]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	1295	610	41.5	12.2	2.57	.77	.90	1.00	40.0	11.7	2.90	.78	.92	1.00	38.5	11.3	3.28	.80	.95	1.00	36.6	10.7	3.74	.81	.97	1.00
	1395	660	42.5	12.5	2.58	.78	.93	1.00	41.0	12.0	2.91	.80	.95	1.00	39.0	11.4	3.29	.82	.97	1.00	37.2	10.9	3.73	.83	.99	1.00
	1600	755	43.5	12.7	2.59	.81	.97	1.00	42.0	12.3	2.92	.83	.99	1.00	40.0	11.7	3.31	.85	1.00	1.00	38.5	11.3	3.75	.87	1.00	1.00
67°F (19°C)	1295	610	44.0	12.9	2.59	.61	.74	.87	42.5	12.5	2.93	.62	.76	.89	40.5	11.9	3.31	.63	.76	.91	39.0	11.4	3.76	.64	.79	.94
	1395	660	44.5	13.0	2.60	.62	.76	.89	43.0	12.6	2.93	.63	.77	.91	41.5	12.2	3.32	.64	.79	.93	39.5	11.6	3.76	.65	.81	.96
	1600	755	46.0	13.5	2.62	.64	.79	.94	44.0	12.9	2.95	.65	.81	.96	42.5	12.5	3.33	.66	.83	.98	40.0	11.7	3.77	.68	.85	1.00
71°F (22°C)	1295	610	46.5	13.6	2.62	.47	.60	.71	45.0	13.2	2.96	.47	.61	.74	43.0	12.6	3.34	.47	.62	.74	41.0	12.0	3.79	.48	.62	.76
	1395	660	47.0	13.8	2.63	.47	.61	.73	45.5	13.3	2.97	.47	.62	.75	43.5	12.7	3.34	.48	.62	.77	42.0	12.3	3.79	.49	.64	.79
	1600	755	48.0	14.1	2.64	.48	.62	.77	46.5	13.6	2.98	.48	.64	.78	44.5	13.0	3.36	.49	.65	.80	42.5	12.5	3.80	.50	.66	.83

COOLING CAPACITY - 13ACD-042 with RFC [C33-50/60C + G60UHV-60C-110]

63°F (17°C)	1295	610	41.5	12.2	2.56	.77	.91	1.00	39.5	11.6	2.89	.79	.93	1.00	38.0	11.1	3.27	.80	.96	1.00	36.0	10.6	3.70	.82	.98	1.00
	1395	660	42.0	12.3	2.57	.79	.94	1.00	40.5	11.9	2.90	.80	.96	1.00	38.5	11.3	3.27	.82	.98	1.00	36.6	10.7	3.70	.84	1.00	1.00
	1600	755	43.0	12.6	2.58	.82	.98	1.00	41.5	12.2	2.91	.84	1.00	1.00	39.5	11.6	3.29	.86	1.00	1.00	38.0	11.1	3.73	.88	1.00	1.00
67°F (19°C)	1295	610	44.0	12.9	2.59	.61	.75	.88	42.0	12.3	2.92	.62	.76	.90	40.5	11.9	3.29	.63	.78	.92	38.5	11.3	3.73	.64	.80	.95
	1395	660	44.5	13.0	2.60	.62	.76	.91	42.5	12.5	2.93	.63	.78	.92	41.0	12.0	3.31	.64	.80	.95	39.0	11.4	3.74	.65	.82	.97
	1600	755	45.5	13.3	2.61	.65	.80	.95	44.0	12.9	2.94	.65	.82	.97	42.0	12.3	3.31	.67	.84	.99	40.0	11.7	3.74	.68	.86	1.00
71°F (22°C)	1295	610	46.5	13.6	2.63	.47	.60	.72	44.5	13.0	2.95	.47	.60	.74	43.0	12.6	3.33	.47	.61	.75	40.5	11.9	3.76	.48	.63	.77
	1395	660	47.0	13.8	2.63	.47	.61	.74	45.5	13.3	2.96	.48	.62	.76	43.5	12.7	3.33	.48	.63	.77	41.0	12.0	3.77	.49	.64	.79
	1600	755	48.5	14.2	2.65	.48	.63	.78	46.5	13.6	2.97	.49	.64	.79	44.5	13.0	3.35	.49	.66	.81	42.0	12.3	3.78	.50	.67	.84

COOLING CAPACITY - 13ACD-042 with TXV [C33-50/60C + G61MPV-60C-090] [C33-50/60C + G71MPP-60C-090]

63°F (17°C)	1275	600	41.5	12.2	2.57	.76	.90	1.00	40.0	11.7	2.90	.78	.92	1.00	38.5	11.3	3.29	.79	.94	1.00	36.4	10.7	3.73	.81	.97	1.00
	1440	680	42.5	12.5	2.58	.79	.94	1.00	41.0	12.0	2.91	.81	.96	1.00	39.5	11.6	3.30	.82	.98	1.00	37.4	11.0	3.74	.85	1.00	1.00
	1605	760	43.5	12.7	2.59	.82	.97	1.00	42.0	12.3	2.92	.83	.99	1.00	40.5	11.9	3.31	.85	1.00	1.00	38.5	11.3	3.75	.88	1.00	1.00
67°F (19°C)	1275	600	44.0	12.9	2.59	.61	.74	.87	42.5	12.5	2.93	.62	.76	.88	40.5	11.9	3.31	.62	.76	.91	38.5	11.3	3.76	.64	.79	.93
	1440	680	45.0	13.2	2.60	.63	.76	.90	43.5	12.7	2.94	.63	.78	.93	41.5	12.2	3.32	.64	.80	.95	39.5	11.6	3.77	.66	.82	.97
	1605	760	46.0	13.5	2.62	.64	.79	.94	44.0	12.9	2.95	.65	.81	.96	42.5	12.5	3.33	.67	.83	.98	40.5	11.9	3.77	.68	.85	1.00
71°F (22°C)	1275	600	46.0	13.5	2.62	.47	.59	.71	44.5	13.0	2.96	.47	.60	.73	43.0	12.6	3.34	.47	.61	.74	41.0	12.0	3.78	.48	.62	.76
	1440	680	47.5	13.9	2.64	.48	.61	.74	45.5	13.3	2.96	.48	.62	.76	44.0	12.9	3.35	.48	.63	.77	42.0	12.3	3.79	.49	.64	.80
	1605	760	48.0	14.1	2.65	.48	.63	.77	46.5	13.6	2.97	.49	.64	.79	45.0	13.2	3.36	.49	.65	.81	43.0	12.6	3.80	.50	.67	.83

COOLING CAPACITY - 13ACD-042 with RFC [C33-50/60C + G61MPV-60C-090] [C33-50/60C + G71MPP-60C-090]

63°F (17°C)	1275	600	41.0	12.0	2.56	.77	.91	1.00	39.5	11.6	2.88	.78	.93	1.00	37.8	11.1	3.26	.80	.95	1.00	36.0	10.6	3.70	.82	.98	1.00
	1440	680	42.0	12.3	2.57	.80	.95	1.00	40.5	11.9	2.90	.81	.97	1.00	39.0	11.4	3.27	.83	.99	1.00	37.0	10.8	3.71	.85	1.00	1.00
	1605	760	43.0	12.6	2.58	.83	.98	1.00	41.5	12.2	2.91	.84	1.00	1.00	40.0	11.7	3.29	.86	1.00	1.00	38.0	11.1	3.73	.89	1.00	1.00
67°F (19°C)	1275	600	43.5	12.7	2.59	.61	.74	.88	42.0	12.3	2.92	.62	.76	.89	40.0	11.7	3.29	.63	.77	.92	38.0	11.1	3.73	.64	.79	.94
	1440	680	44.5	13.0	2.60	.63	.77	.92	43.0	12.6	2.93	.64	.79	.94	41.0	12.0	3.31	.65	.81	.96	39.0	11.4	3.74	.66	.83	.99
	1605	760	45.5	13.3	2.62	.65	.80	.95	44.0	12.9	2.94	.66	.82	.97	42.0	12.3	3.32	.67	.84	1.00	40.0	11.7	3.75	.69	.86	1.00
71°F (22°C)	1275	600	46.5	13.6	2.62	.47	.59	.72	44.5	13.0	2.95	.47	.60	.73	42.5	12.5	3.32	.47	.61	.75	40.5	11.9	3.76	.48	.62	.77
	1440	680	47.5	13.9	2.64	.48	.61	.75	45.5	13.3	2.96	.48	.62	.76	43.5	12.7	3.34	.48	.64	.78	41.5	12.2	3.77	.49	.65	.80
	1605	760	48.5	14.2	2.65	.49	.63	.78	46.5	13.6	2.97	.49	.64	.80	44.5	13.0	3.35	.49	.66	.82	42.5	12.5	3.78	.50	.67	.84

COOLING CAPACITY - 13ACD-042 with TXV [C33-50/60C + G61MPV-60C-110] [C33-50/60C + G71MPP-60C-110]

63°F (17°C)	1290	610	41.5	12.2	2.57	.77	.90	1.00	40.0	11.7	2.90	.78	.92	1.00	38.5	11.3	3.29	.80	.95	1.00	36.6	10.7	3.73	.81	.97	1.00
	1405	665	42.5	12.5	2.58	.78	.93	1.00	41.0	12.0	2.91	.80	.95	1.00	39.0	11.4	3.29	.82	.97	1.00	37.2	10.9	3.74	.84	1.00	1.00
	1605	760	43.5	12.7	2.59	.82	.97	1.00	42.0	12.3	2.92	.83	.99	1.00	40.5	11.9	3.31	.85	1.00	1.00	38.5	11.3	3.75	.88	1.00	1.00
67°F (19°C)	1290	610	44.0	12.9	2.59	.61	.74	.87	42.5	12.5	2.93	.62	.75	.89	40.5	11.9	3.31	.63	.76	.91	39.0	11.4	3.76	.64	.79	.93
	1405	665	44.5	13.0	2.60	.62	.76	.89	43.0	12.6	2.93	.63	.77	.91	41.5	12.2	3.32	.64	.79	.94	39.5	11.6	3.76	.65	.81	.96
	1605	760	46.0	13.5	2.62	.64	.80	.94	44.0	12.9	2.95	.65	.81	.96	42.5	12.5	3.33	.66	.83	.98	40.5	11.9	3.77	.68	.85	1.00
71°F (22°C)	1290	610	46.5	13.6	2.62	.47	.60	.71	45.0	13.2	2.96	.47	.61	.73	43.0	12.6	3.34	.47	.62	.74	41.0	12.0	3.79	.48	.62	.76
	1405	665	47.0	13.8	2.63	.47	.61	.73	45.5	13.3	2.97	.48	.62	.75	43.5	12.7	3.34	.48	.62	.77	42.0	12.3	3.79	.49	.64	.79
	1605	760	48.0	14.1	2.65	.48	.63	.77	46.5	13.6	2.97	.49	.64	.79	44.5	13.0	3.36	.49	.65	.81	43.0	12.6	3.80	.50	.67	.83

COOLING CAPACITY - 13ACD-042 with RFC [C33-50/60C + G61MPV-60C-110] [C33-50/60C + G71MPP-60C-110]

63°F (17°C)	1290	610	41.0	12.0	2.56	.77	.91	1.00	39.5	11.6	2.89	.78	.93	1.00	38.0	11.1	3.27	.80	.96	1.00	36.0	10.6	3.70	.82	.98	1.00
	1405	665	42.0	12.3	2.57	.79	.94	1.00	40.5	11.9	2.90	.80	.96	1.00	38.5	11.3	3.27	.82	.98	1.00	36.6	10.7	3.70	.84	1.00	1.00
	1605	760	43.0	12.6	2.58	.83	.98	1.00	41.5	12.2	2.91	.84	1.00	1.00	40.0	11.7	3.29	.86	1.00	1.00	38.0	11.1	3.73	.89	1.00	1.00
67°F (19°C)	1290	610	44.0	12.9	2.59	.61	.75	.88	42.0	12.3	2.92	.62	.76	.90	40.5	11.9	3.29	.63	.78	.92	38.5	11.3	3.73	.64	.80	.95
	1405	665	44.5	13.0	2.60	.62	.77	.91	43.0	12.6	2.93	.63	.78	.93	41.0	12.0	3.31	.64	.80	.95	39.0	11.4	3.74	.66	.82	.98
	1605	760	45.5	13.3	2.62	.65	.80	.95	44.0	12.9	2.94	.66	.82	.97	42.0	12.3	3.32	.67	.84	1.00	40.0	11.7	3.75	.69	.86	1.00
71°F (22°C)	1290	610	46.5	13.6	2.63	.47	.60	.72	44.5	13.0	2.95	.47	.60	.74	43.0	12.6	3.33	.47	.62	.75	40.5	11.9	3.76	.48	.63	.77
	1405	665	47.0	13.8	2.63	.47	.61	.74	45.5	13.3	2.96	.48	.62	.76	43.5	12.7	3.33	.48	.63	.77	41.5	12.2	3.77	.49	.64	.80
	1605	760	48.5	14.2	2.65	.48	.63	.78	46.5	13.6	2.97	.49	.64	.80	44.5	13.0	3.35	.49	.66	.82	42.5	12.5	3.78	.50	.67	.84

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

COOLING CAPACITY - 13ACD-042 with TXV [CR33-50/60C-F]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	41.0	12.0	2.56	.77	.91	1.00	39.5	11.6	2.90	.78	.93	1.00	38.0	11.1	3.27	.80	.95	1.00	36.2	10.6	3.73	.82	.97	1.00
	1400	660	42.0	12.3	2.57	.80	.95	1.00	40.5	11.9	2.91	.82	.97	1.00	39.0	11.4	3.30	.84	.99	1.00	37.6	11.0	3.75	.87	1.00	1.00
	1600	755	43.0	12.6	2.59	.84	.99	1.00	42.0	12.3	2.92	.86	1.00	1.00	40.5	11.9	3.31	.88	1.00	1.00	39.0	11.4	3.75	.91	1.00	1.00
67°F (19°C)	1200	565	43.0	12.6	2.59	.62	.74	.87	42.0	12.3	2.92	.62	.76	.89	40.0	11.7	3.31	.63	.78	.91	38.5	11.3	3.76	.64	.80	.94
	1400	660	44.5	13.0	2.60	.64	.78	.92	43.0	12.6	2.93	.65	.80	.94	41.5	12.2	3.32	.66	.81	.97	39.5	11.6	3.77	.67	.84	.99
	1600	755	45.5	13.3	2.61	.66	.81	.96	44.0	12.9	2.94	.67	.83	.98	42.0	12.3	3.33	.68	.85	.99	40.5	11.9	3.78	.70	.88	1.00
71°F (22°C)	1200	565	45.5	13.3	2.61	.47	.60	.72	44.0	12.9	2.95	.47	.61	.73	42.5	12.5	3.33	.48	.62	.75	40.5	11.9	3.78	.48	.63	.77
	1400	660	47.0	13.8	2.63	.48	.62	.75	45.0	13.2	2.96	.49	.63	.77	43.5	12.7	3.34	.49	.64	.79	41.5	12.2	3.79	.50	.66	.81
	1600	755	48.0	14.1	2.64	.49	.64	.79	46.0	13.5	2.97	.50	.65	.81	44.5	13.0	3.36	.51	.67	.83	42.5	12.5	3.80	.51	.69	.86

COOLING CAPACITY - 13ACD-042 with TXV [CR33-60D-F]

63°F (17°C)	1200	565	41.0	12.0	2.56	.77	.91	1.00	39.5	11.6	2.90	.78	.93	1.00	38.0	11.1	3.27	.80	.95	1.00	36.2	10.6	3.73	.82	.97	1.00
	1400	660	42.0	12.3	2.57	.80	.95	1.00	40.5	11.9	2.91	.82	.97	1.00	39.0	11.4	3.30	.84	.99	1.00	37.6	11.0	3.75	.87	1.00	1.00
	1600	755	43.0	12.6	2.59	.84	.99	1.00	42.0	12.3	2.92	.86	1.00	1.00	40.5	11.9	3.31	.88	1.00	1.00	39.0	11.4	3.75	.91	1.00	1.00
67°F (19°C)	1200	565	43.0	12.6	2.59	.62	.74	.87	42.0	12.3	2.92	.62	.76	.89	40.0	11.7	3.31	.63	.78	.91	38.5	11.3	3.76	.64	.80	.94
	1400	660	44.5	13.0	2.60	.64	.78	.92	43.0	12.6	2.93	.65	.80	.94	41.5	12.2	3.32	.66	.81	.97	39.5	11.6	3.77	.67	.84	.99
	1600	755	45.5	13.3	2.61	.66	.81	.96	44.0	12.9	2.94	.67	.83	.98	42.0	12.3	3.33	.68	.85	.99	40.5	11.9	3.78	.70	.88	1.00
71°F (22°C)	1200	565	45.5	13.3	2.61	.47	.60	.72	44.0	12.9	2.95	.47	.61	.73	42.5	12.5	3.33	.48	.62	.75	40.5	11.9	3.78	.48	.63	.77
	1400	660	47.0	13.8	2.63	.48	.62	.75	45.0	13.2	2.96	.49	.63	.77	43.5	12.7	3.34	.49	.64	.79	41.5	12.2	3.79	.50	.66	.81
	1600	755	48.0	14.1	2.64	.49	.64	.79	46.0	13.5	2.97	.50	.65	.81	44.5	13.0	3.36	.51	.67	.83	42.5	12.5	3.80	.51	.69	.86

DOWN-FLOW INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - 13ACD-042 with TXV [CR33-50/60C-F + G60DFV-60C-090]

63°F (17°C)	1390	655	42.0	12.3	2.57	.79	.95	1.00	40.5	11.9	2.90	.81	.97	1.00	39.0	11.4	3.29	.83	.99	1.00	37.2	10.9	3.74	.85	1.00	1.00
	1565	740	43.0	12.6	2.58	.82	.98	1.00	41.5	12.2	2.91	.84	.99	1.00	40.0	11.7	3.30	.86	1.00	1.00	38.5	11.3	3.75	.89	1.00	1.00
67°F (19°C)	1390	655	44.5	13.0	2.60	.63	.77	.91	43.0	12.6	2.93	.64	.78	.93	41.0	12.0	3.32	.64	.80	.96	39.5	11.6	3.77	.66	.83	.98
	1565	740	45.0	13.2	2.61	.64	.80	.95	43.5	12.7	2.94	.66	.82	.97	42.0	12.3	3.33	.67	.84	.99	40.0	11.7	3.77	.68	.86	1.00
71°F (22°C)	1390	655	46.5	13.6	2.63	.47	.61	.74	45.0	13.2	2.96	.48	.62	.76	43.5	12.7	3.34	.48	.63	.78	41.5	12.2	3.79	.49	.65	.80
	1565	740	47.5	13.9	2.64	.49	.63	.77	46.0	13.5	2.97	.49	.64	.79	44.0	12.9	3.35	.49	.66	.81	42.5	12.5	3.80	.50	.67	.84

COOLING CAPACITY - 13ACD-042 with TXV [CR33-50/60C-F + G60DFV-60C-110]

63°F (17°C)	1340	630	41.5	12.2	2.57	.79	.93	1.00	40.0	11.7	2.90	.80	.96	1.00	38.5	11.3	3.29	.82	.98	1.00	37.0	10.8	3.73	.84	.99	1.00
	1450	685	42.0	12.3	2.58	.80	.96	1.00	41.0	12.0	2.91	.82	.98	1.00	39.5	11.6	3.29	.84	.99	1.00	37.8	11.1	3.75	.87	1.00	1.00
	1645	775	43.5	12.7	2.59	.84	.99	1.00	42.0	12.3	2.92	.86	1.00	1.00	40.5	11.9	3.30	.88	1.00	1.00	39.0	11.4	3.75	.91	1.00	1.00
67°F (19°C)	1340	630	44.0	12.9	2.59	.62	.76	.90	42.5	12.5	2.93	.63	.78	.92	41.0	12.0	3.31	.64	.79	.94	39.0	11.4	3.76	.65	.82	.97
	1450	685	44.5	13.0	2.60	.63	.78	.92	43.0	12.6	2.93	.64	.80	.95	41.5	12.2	3.32	.65	.82	.97	39.5	11.6	3.77	.67	.84	.99
	1645	775	45.5	13.3	2.61	.65	.81	.97	44.0	12.9	2.94	.66	.83	.99	42.5	12.5	3.33	.68	.86	1.00	40.5	11.9	3.78	.70	.88	1.00
71°F (22°C)	1340	630	46.0	13.5	2.62	.47	.61	.74	45.0	13.2	2.96	.47	.62	.75	43.0	12.6	3.34	.47	.63	.77	41.0	12.0	3.79	.48	.64	.79
	1450	685	47.0	13.8	2.63	.48	.62	.76	45.5	13.3	2.96	.48	.63	.77	43.5	12.7	3.35	.48	.64	.79	42.0	12.3	3.79	.49	.66	.81
	1645	775	48.0	14.1	2.64	.49	.64	.79	46.5	13.6	2.98	.50	.65	.81	44.5	13.0	3.36	.50	.67	.83	42.5	12.5	3.80	.50	.68	.86

COOLING CAPACITY - 13ACD-042 with TXV [CR33-50/60C-F + G71MPP-60C-090] [CR33-50/60C-F + G61MPV-60C-090]

63°F (17°C)	1275	600	41.0	12.0	2.56	.78	.92	1.00	40.0	11.7	2.90	.79	.94	1.00	38.5	11.3	3.28	.81	.96	1.00	36.6	10.7	3.73	.83	.98	1.00
	1440	680	42.0	12.3	2.58	.80	.96	1.00	41.0	12.0	2.91	.82	.98	1.00	39.5	11.6	3.29	.84	.99	1.00	37.8	11.1	3.75	.87	1.00	1.00
	1605	760	43.0	12.6	2.58	.83	.99	1.00	42.0	12.3	2.92	.85	1.00	1.00	40.5	11.9	3.30	.88	1.00	1.00	39.0	11.4	3.75	.90	1.00	1.00
67°F (19°C)	1275	600	43.5	12.7	2.59	.62	.75	.88	42.0	12.3	2.92	.62	.77	.90	40.5	11.9	3.31	.63	.78	.93	38.5	11.3	3.75	.65	.80	.96
	1440	680	44.5	13.0	2.60	.63	.78	.92	43.0	12.6	2.93	.64	.80	.95	41.5	12.2	3.32	.65	.82	.97	39.5	11.6	3.77	.67	.84	.99
	1605	760	45.5	13.3	2.61	.65	.81	.96	44.0	12.9	2.94	.66	.83	.98	42.0	12.3	3.33	.68	.85	.99	40.0	11.7	3.78	.69	.88	1.00
71°F (22°C)	1275	600	46.0	13.5	2.62	.47	.60	.73	44.5	13.0	2.95	.47	.61	.74	42.5	12.5	3.33	.47	.62	.76	41.0	12.0	3.78	.48	.63	.78
	1440	680	47.0	13.8	2.63	.48	.62	.76	45.5	13.3	2.96	.48	.63	.77	43.5	12.7	3.35	.49	.64	.79	42.0	12.3	3.79	.49	.66	.81
	1605	760	47.5	13.9	2.64	.49	.64	.78	46.0	13.5	2.97	.49	.65	.80	44.5	13.0	3.36	.50	.67	.82	42.5	12.5	3.80	.50	.68	.85

COOLING CAPACITY - 13ACD-042 with TXV [CR33-50/60C-F + G61MPV-60C-110] [CR33-50/60C-F + G71MPP-60C-110]

63°F (17°C)	1290	610	41.5	12.2	2.57	.78	.92	1.00	40.0	11.7	2.89	.79	.94	1.00	38.5	11.3	3.29	.81	.97	1.00	36.6	10.7	3.73	.83	.99	1.00
	1405	665	42.0	12.3	2.57	.80	.95	1.00	40.5	11.9	2.91	.81	.97	1.00	39.0	11.4	3.30	.83	.99	1.00	37.4	11.0	3.74	.86	1.00	1.00
	1605	760	43.0	12.6	2.58	.83	.99	1.00	42.0	12.3	2.92	.85	1.00	1.00	40.5	11.9	3.30	.87	1.00	1.00	39.0	11.4	3.75	.90	1.00	1.00
67°F (19°C)	1290	610	43.5	12.7	2.59	.62	.75	.89	42.5	12.5	2.92	.63	.77	.91	40.5	11.9	3.31	.64	.79	.93	39.0	11.4	3.76	.65	.81	.96
	1405	665	44.5	13.0	2.60	.63	.77	.92	43.0	12.6	2.93	.64	.79	.94	41.5	12.2	3.32	.65	.81	.96	39.5	11.6	3.77	.66	.83	.98
	1605	760	45.5	13.3	2.61	.65	.81	.96	44.0	12.9	2.94	.66	.83	.98	42.0	12.3	3.33	.68	.85	.99	40.0	11.7	3.78	.69	.88	1.00
71°F (22°C)	1290	610	46.0	13.5	2.62	.47	.60	.73	44.5	13.0	2.95	.47	.61	.74	43.0	12.6	3.33	.48	.62	.76	41.0	12.0	3.78	.48	.64	.78
	1405	665	46.5	13.6	2.63	.48	.62	.75	45.0	13.2	2.96	.48	.63	.76	43.5	12.7	3.34	.48	.64	.78	41.5	12.2	3.79	.49	.65	.81
	1605	760	47.5	13.9	2.64	.49	.64	.78	46.0	13.5	2.97	.49	.65	.80	44.5	13.0	3.36	.50	.66	.82	42.5	12.5	3.80	.50	.68	.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.

DOWN-FLOW INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - 13ACD-042 with TXV

[CR33-60D-F + G61MPV-60D-135]
[CR33-60D-F + G71MPP-60D-135]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	1205	570	41.0	12.0	2.56	.76	.90	1.00	39.5	11.6	2.90	.78	.92	1.00	37.8	11.1	3.27	.79	.94	1.00	36.2	10.6	3.73	.81	.97	1.00
	1305	615	41.5	12.2	2.57	.78	.93	1.00	40.0	11.7	2.90	.79	.95	1.00	38.5	11.3	3.29	.81	.97	1.00	36.8	10.8	3.73	.84	.99	1.00
	1510	715	42.5	12.5	2.58	.81	.97	1.00	41.0	12.0	2.91	.83	.99	1.00	40.0	11.7	3.30	.86	1.00	1.00	38.0	11.1	3.75	.88	1.00	1.00
67°F (19°C)	1205	570	43.0	12.6	2.58	.61	.74	.87	41.5	12.2	2.92	.62	.75	.89	40.0	11.7	3.30	.63	.77	.91	38.5	11.3	3.76	.64	.79	.93
	1305	615	44.0	12.9	2.59	.62	.75	.89	42.5	12.5	2.92	.63	.77	.91	40.5	11.9	3.31	.64	.79	.94	39.0	11.4	3.76	.65	.81	.96
	1510	715	45.0	13.2	2.61	.64	.79	.94	43.5	12.7	2.94	.65	.81	.96	42.0	12.3	3.32	.66	.83	.98	40.0	11.7	3.77	.68	.86	1.00
71°F (22°C)	1205	570	45.5	13.3	2.61	.46	.59	.71	44.0	12.9	2.94	.46	.60	.73	42.5	12.5	3.33	.47	.61	.74	40.5	11.9	3.78	.47	.62	.76
	1305	615	46.0	13.5	2.62	.47	.60	.73	44.5	13.0	2.95	.47	.61	.75	43.0	12.6	3.34	.47	.62	.76	41.0	12.0	3.79	.48	.64	.78
	1510	715	47.0	13.8	2.63	.48	.63	.77	45.5	13.3	2.96	.49	.64	.78	44.0	12.9	3.35	.49	.65	.81	42.0	12.3	3.79	.50	.67	.83

HORIZONTAL INDOOR COILS

COOLING CAPACITY - 13ACD-042 with TXV

[CH33-48C-2F]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	1200	565	41.5	12.2	2.56	.76	.89	1.00	40.0	11.7	2.90	.77	.91	1.00	38.0	11.1	3.28	.78	.93	1.00	36.2	10.6	3.73	.80	.95	1.00
	1400	660	42.5	12.5	2.58	.79	.94	1.00	41.0	12.0	2.91	.80	.96	1.00	39.5	11.6	3.30	.82	.98	1.00	37.4	11.0	3.74	.84	1.00	1.00
	1600	755	44.0	12.9	2.59	.82	.98	1.00	42.0	12.3	2.92	.84	.99	1.00	40.5	11.9	3.31	.86	1.00	1.00	38.5	11.3	3.76	.88	1.00	1.00
67°F (19°C)	1200	565	43.5	12.7	2.59	.61	.73	.86	42.0	12.3	2.92	.61	.75	.87	40.5	11.9	3.30	.62	.76	.89	38.5	11.3	3.75	.63	.78	.92
	1400	660	45.0	13.2	2.61	.63	.76	.90	43.5	12.7	2.94	.63	.78	.92	41.5	12.2	3.32	.65	.80	.94	39.5	11.6	3.77	.66	.82	.97
	1600	755	46.0	13.5	2.62	.64	.80	.94	44.5	13.0	2.95	.66	.82	.96	42.5	12.5	3.33	.67	.84	.99	40.5	11.9	3.78	.68	.86	1.00
71°F (22°C)	1200	565	46.0	13.5	2.62	.47	.59	.71	44.5	13.0	2.95	.48	.60	.72	43.0	12.6	3.33	.48	.61	.74	41.0	12.0	3.78	.48	.62	.75
	1400	660	47.5	13.9	2.63	.48	.62	.74	46.0	13.5	2.97	.48	.62	.75	44.0	12.9	3.35	.49	.63	.77	42.0	12.3	3.79	.49	.65	.79
	1600	755	48.5	14.2	2.65	.49	.63	.78	46.5	13.6	2.98	.49	.64	.79	45.0	13.2	3.36	.50	.66	.81	43.0	12.6	3.80	.50	.67	.84

COOLING CAPACITY - 13ACD-042 with RFC

[CH33-48C-2F]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	1100	520	40.0	11.7	2.55	.75	.88	.99	38.5	11.3	2.87	.76	.89	1.00	36.8	10.8	3.25	.77	.91	1.00	35.0	10.3	3.69	.79	.94	1.00
	1300	615	41.5	12.2	2.56	.78	.92	1.00	40.0	11.7	2.89	.79	.94	1.00	38.5	11.3	3.27	.81	.96	1.00	36.2	10.6	3.70	.83	.99	1.00
	1500	710	43.0	12.6	2.58	.81	.97	1.00	41.0	12.0	2.90	.83	.99	1.00	39.0	11.4	3.28	.85	1.00	1.00	37.6	11.0	3.72	.87	1.00	1.00
67°F (19°C)	1100	520	42.5	12.5	2.58	.60	.72	.84	41.0	12.0	2.91	.61	.73	.86	39.0	11.4	3.28	.62	.75	.88	37.4	11.0	3.71	.63	.76	.90
	1300	615	44.0	12.9	2.60	.62	.76	.89	42.5	12.5	2.92	.63	.77	.91	40.5	11.9	3.30	.64	.79	.93	38.5	11.3	3.74	.65	.80	.96
	1500	710	45.5	13.3	2.61	.64	.79	.94	43.5	12.7	2.94	.65	.81	.96	41.5	12.2	3.31	.66	.83	.98	39.5	11.6	3.74	.68	.85	1.00
71°F (22°C)	1100	520	45.0	13.2	2.61	.47	.58	.70	43.5	12.7	2.93	.47	.59	.71	41.5	12.2	3.31	.47	.60	.72	39.5	11.6	3.74	.48	.61	.74
	1300	615	46.5	13.6	2.63	.48	.61	.73	45.0	13.2	2.95	.48	.61	.75	43.0	12.6	3.33	.48	.62	.76	41.0	12.0	3.76	.49	.64	.78
	1500	710	48.0	14.1	2.64	.49	.63	.77	46.0	13.5	2.97	.49	.64	.78	44.0	12.9	3.34	.50	.65	.80	42.0	12.3	3.77	.50	.66	.82

COOLING CAPACITY - 13ACD-042 with TXV

[CH33-50/60C-2F]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	1200	565	41.5	12.2	2.57	.77	.90	1.00	40.5	11.9	2.90	.77	.91	1.00	38.5	11.3	3.29	.79	.94	1.00	36.6	10.7	3.73	.81	.96	1.00
	1400	660	43.0	12.6	2.58	.79	.94	1.00	41.5	12.2	2.91	.81	.96	1.00	40.0	11.7	3.30	.83	.99	1.00	37.8	11.1	3.75	.85	1.00	1.00
	1600	755	44.5	13.0	2.60	.83	.99	1.00	42.5	12.5	2.93	.85	1.00	1.00	41.0	12.0	3.31	.87	1.00	1.00	39.0	11.4	3.77	.89	1.00	1.00
67°F (19°C)	1200	565	44.5	13.0	2.60	.61	.74	.86	42.5	12.5	2.93	.61	.75	.88	41.0	12.0	3.31	.63	.76	.90	39.0	11.4	3.76	.64	.78	.93
	1400	660	45.5	13.3	2.62	.63	.77	.91	44.0	12.9	2.95	.64	.79	.93	42.0	12.3	3.33	.65	.80	.95	40.0	11.7	3.77	.66	.83	.98
	1600	755	46.5	13.6	2.63	.65	.81	.96	45.0	13.2	2.96	.66	.82	.98	43.0	12.6	3.34	.67	.84	1.00	41.0	12.0	3.78	.69	.87	1.00
71°F (22°C)	1200	565	46.5	13.6	2.63	.47	.60	.72	45.0	13.2	2.96	.47	.60	.73	43.0	12.6	3.34	.48	.61	.74	41.5	12.2	3.78	.48	.62	.76
	1400	660	48.0	14.1	2.64	.48	.62	.74	46.5	13.6	2.98	.48	.63	.76	44.5	13.0	3.36	.49	.64	.78	42.5	12.5	3.80	.49	.65	.80
	1600	755	49.0	14.4	2.66	.49	.64	.78	47.5	13.9	2.99	.50	.65	.80	45.5	13.3	3.37	.50	.66	.81	43.5	12.7	3.81	.51	.68	.84

COOLING CAPACITY - 13ACD-042 with RFC

[CH33-50/60C-2F]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	1200	565	41.5	12.2	2.56	.77	.90	1.00	39.5	11.6	2.89	.78	.92	1.00	37.8	11.1	3.26	.80	.95	1.00	36.0	10.6	3.70	.81	.97	1.00
	1400	660	42.5	12.5	2.58	.80	.95	1.00	41.0	12.0	2.90	.82	.97	1.00	39.0	11.4	3.28	.84	1.00	1.00	37.2	10.9	3.72	.86	1.00	1.00
	1600	755	44.0	12.9	2.59	.84	1.00	1.00	42.0	12.3	2.92	.86	1.00	1.00	40.5	11.9	3.30	.88	1.00	1.00	38.5	11.3	3.74	.90	1.00	1.00
67°F (19°C)	1200	565	44.0	12.9	2.59	.61	.74	.87	42.0	12.3	2.92	.62	.76	.89	40.5	11.9	3.29	.63	.77	.91	38.5	11.3	3.73	.64	.79	.94
	1400	660	45.5	13.3	2.61	.63	.78	.92	43.5	12.7	2.94	.64	.79	.94	41.5	12.2	3.31	.65	.81	.96	39.5	11.6	3.74	.67	.83	.99
	1600	755	46.5	13.6	2.63	.66	.81	.97	44.5	13.0	2.95	.67	.83	.99	42.5	12.5	3.32	.68	.85	1.00	40.5	11.9	3.76	.69	.88	1.00
71°F (22°C)	1200	565	46.5	13.6	2.62	.47	.60	.72	44.5	13.0	2.95	.47	.60	.73	42.5	12.5	3.33	.48	.61	.75	40.5	11.9	3.76	.48	.63	.76
	1400	660	48.0	14.1	2.64	.48	.62	.76	46.0	13.5	2.97	.49	.63	.77	44.0	12.9	3.34	.49	.64	.79	42.0	12.3	3.77	.50	.65	.81
	1600	755	49.0	14.4	2.66	.49	.64	.79	47.0	13.8	2.98	.50	.65	.81	45.0	13.2	3.36	.50	.67	.83	43.0	12.6	3.79	.51	.68	.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.

HORIZONTAL INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - 13ACD-042 with TXV [CH33-48C-2F + G60UHV-36B-090]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	1165	550	40.5	11.9	2.55	.75	.88	1.00	39.0	11.4	2.88	.76	.90	1.00	37.2	10.9	3.26	.78	.92	1.00	35.2	10.3	3.69	.80	.95	1.00
	1385	655	42.0	12.3	2.57	.79	.94	1.00	40.5	11.9	2.89	.80	.96	1.00	38.5	11.3	3.27	.82	.98	1.00	36.6	10.7	3.71	.84	1.00	1.00
67°F (19°C)	1165	550	43.0	12.6	2.58	.60	.73	.85	41.5	12.2	2.91	.61	.74	.87	39.5	11.6	3.28	.61	.75	.89	37.6	11.0	3.72	.63	.77	.91
	1385	655	44.5	13.0	2.60	.62	.76	.90	43.0	12.6	2.93	.63	.78	.92	41.0	12.0	3.30	.64	.80	.95	39.0	11.4	3.74	.65	.82	.97
71°F (22°C)	1165	550	45.5	13.3	2.61	.46	.58	.70	43.5	12.7	2.94	.47	.59	.71	42.0	12.3	3.32	.47	.60	.73	40.0	11.7	3.74	.47	.61	.75
	1385	655	47.0	13.8	2.63	.47	.61	.74	45.5	13.3	2.96	.48	.62	.75	43.5	12.7	3.33	.48	.63	.77	41.5	12.2	3.77	.49	.64	.79

COOLING CAPACITY - 13ACD-042 with RFC [CH33-48C-2F + G60UHV-36B-090]

63°F (17°C)	1165	550	41.0	12.0	2.56	.75	.88	1.00	39.5	11.6	2.89	.76	.89	1.00	37.8	11.1	3.28	.77	.91	1.00	35.8	10.5	3.72	.79	.94	1.00
	1385	655	42.5	12.5	2.58	.78	.93	1.00	41.0	12.0	2.91	.80	.95	1.00	39.0	11.4	3.29	.81	.97	1.00	37.2	10.9	3.74	.83	.99	1.00
67°F (19°C)	1165	550	43.5	12.7	2.59	.60	.72	.84	42.0	12.3	2.92	.60	.74	.86	40.0	11.7	3.30	.61	.75	.88	38.5	11.3	3.75	.62	.76	.90
	1385	655	45.0	13.2	2.60	.62	.76	.89	43.0	12.6	2.94	.63	.77	.91	41.5	12.2	3.32	.64	.79	.93	39.5	11.6	3.76	.65	.81	.96
71°F (22°C)	1165	550	45.5	13.3	2.61	.46	.58	.70	44.0	12.9	2.95	.47	.59	.71	42.5	12.5	3.33	.47	.60	.73	40.5	11.9	3.78	.47	.61	.74
	1385	655	47.0	13.8	2.63	.47	.61	.73	45.5	13.3	2.97	.47	.62	.74	44.0	12.9	3.34	.48	.62	.76	42.0	12.3	3.79	.49	.64	.78

COOLING CAPACITY - 13ACD-042 with TXV [CH33-48C-2F + G61MPV-60C-090] [CH33-48C-2F + G71MPP-60C-090]

63°F (17°C)	1275	600	41.5	12.2	2.57	.77	.90	1.00	40.5	11.9	2.90	.77	.92	1.00	38.5	11.3	3.28	.79	.94	1.00	36.6	10.7	3.74	.81	.97	1.00
	1440	680	43.0	12.6	2.59	.79	.94	1.00	41.0	12.0	2.91	.81	.96	1.00	39.5	11.6	3.30	.82	.98	1.00	37.6	11.0	3.74	.85	1.00	1.00
	1605	760	44.0	12.9	2.60	.82	.97	1.00	42.0	12.3	2.92	.84	.99	1.00	40.5	11.9	3.31	.86	1.00	1.00	38.5	11.3	3.76	.88	1.00	1.00
67°F (19°C)	1275	600	44.0	12.9	2.60	.61	.74	.87	42.5	12.5	2.93	.61	.75	.88	41.0	12.0	3.31	.62	.77	.91	39.0	11.4	3.76	.64	.79	.93
	1440	680	45.0	13.2	2.61	.63	.76	.91	43.5	12.7	2.94	.63	.78	.93	42.0	12.3	3.32	.65	.80	.95	40.0	11.7	3.77	.66	.82	.98
	1605	760	46.0	13.5	2.62	.64	.79	.94	44.5	13.0	2.95	.65	.81	.96	42.5	12.5	3.33	.67	.83	.99	40.5	11.9	3.77	.68	.85	1.00
71°F (22°C)	1275	600	46.5	13.6	2.62	.47	.59	.72	45.0	13.2	2.96	.47	.60	.73	43.0	12.6	3.34	.47	.61	.74	41.0	12.0	3.79	.48	.62	.76
	1440	680	47.5	13.9	2.64	.48	.61	.74	46.0	13.5	2.97	.48	.62	.76	44.0	12.9	3.36	.48	.63	.77	42.0	12.3	3.80	.49	.65	.79
	1605	760	48.5	14.2	2.65	.48	.63	.77	46.5	13.6	2.98	.49	.64	.79	45.0	13.2	3.36	.50	.65	.80	43.0	12.6	3.80	.50	.67	.83

COOLING CAPACITY - 13ACD-042 with RFC [CH33-48C-2F + G61MPV-60C-090] [CH33-48C-2F + G71MPP-60C-090]

63°F (17°C)	1275	600	41.5	12.2	2.56	.77	.91	1.00	39.5	11.6	2.88	.78	.93	1.00	38.0	11.1	3.26	.80	.95	1.00	36.0	10.6	3.70	.82	.98	1.00
	1440	680	42.5	12.5	2.57	.80	.95	1.00	40.5	11.9	2.90	.81	.97	1.00	39.0	11.4	3.27	.83	.99	1.00	37.0	10.8	3.71	.85	1.00	1.00
	1605	760	43.5	12.7	2.59	.83	.98	1.00	41.5	12.2	2.91	.84	1.00	1.00	40.0	11.7	3.29	.86	1.00	1.00	38.0	11.1	3.73	.89	1.00	1.00
67°F (19°C)	1275	600	44.0	12.9	2.59	.61	.75	.88	42.0	12.3	2.92	.62	.76	.90	40.5	11.9	3.29	.63	.77	.92	38.5	11.3	3.73	.64	.79	.94
	1440	680	45.0	13.2	2.61	.63	.77	.92	43.0	12.6	2.93	.64	.79	.94	41.5	12.2	3.31	.65	.81	.96	39.0	11.4	3.74	.66	.83	.99
	1605	760	46.0	13.5	2.62	.65	.80	.96	44.0	12.9	2.94	.66	.82	.98	42.0	12.3	3.31	.67	.84	1.00	40.0	11.7	3.75	.68	.86	1.00
71°F (22°C)	1275	600	46.5	13.6	2.62	.47	.60	.72	44.5	13.0	2.95	.47	.60	.73	42.5	12.5	3.33	.47	.61	.75	40.5	11.9	3.76	.48	.63	.77
	1440	680	47.5	13.9	2.64	.48	.62	.75	45.5	13.3	2.96	.48	.63	.77	43.5	12.7	3.34	.49	.64	.78	41.5	12.2	3.77	.49	.65	.80
	1605	760	48.5	14.2	2.65	.49	.63	.78	46.5	13.6	2.97	.49	.65	.80	44.5	13.0	3.35	.50	.66	.82	42.5	12.5	3.78	.50	.67	.84

COOLING CAPACITY - 13ACD-042 with TXV [CH33-48C-2F + G61MPV-60C-110] [CH33-48C-2F + G71MPP-60C-110]

63°F (17°C)	1290	610	42.0	12.3	2.57	.77	.90	1.00	40.5	11.9	2.90	.78	.93	1.00	38.5	11.3	3.29	.80	.95	1.00	36.6	10.7	3.74	.81	.97	1.00
	1405	665	42.5	12.5	2.58	.78	.93	1.00	41.0	12.0	2.91	.80	.95	1.00	39.5	11.6	3.30	.82	.97	1.00	37.4	11.0	3.74	.84	1.00	1.00
	1605	760	43.5	12.7	2.59	.82	.97	1.00	42.0	12.3	2.92	.84	.99	1.00	40.5	11.9	3.31	.86	1.00	1.00	38.5	11.3	3.76	.88	1.00	1.00
67°F (19°C)	1290	610	44.0	12.9	2.60	.61	.74	.87	43.0	12.6	2.93	.62	.76	.89	41.0	12.0	3.31	.63	.77	.91	39.0	11.4	3.76	.64	.79	.94
	1405	665	45.0	13.2	2.61	.63	.76	.90	43.5	12.7	2.94	.63	.77	.92	41.5	12.2	3.32	.64	.79	.94	39.5	11.6	3.77	.65	.81	.97
	1605	760	46.0	13.5	2.62	.64	.79	.94	44.5	13.0	2.95	.65	.81	.96	42.5	12.5	3.33	.67	.83	.99	40.5	11.9	3.77	.68	.85	1.00
71°F (22°C)	1290	610	46.5	13.6	2.63	.47	.60	.72	45.0	13.2	2.96	.47	.61	.74	43.0	12.6	3.34	.47	.61	.75	41.5	12.2	3.79	.48	.62	.77
	1405	665	47.0	13.8	2.63	.48	.61	.74	46.0	13.5	2.97	.47	.62	.75	44.0	12.9	3.35	.48	.63	.77	42.0	12.3	3.79	.49	.64	.79
	1605	760	48.5	14.2	2.65	.48	.63	.77	46.5	13.6	2.98	.49	.64	.79	45.0	13.2	3.36	.50	.65	.80	43.0	12.6	3.80	.50	.67	.83

COOLING CAPACITY - 13ACD-042 with RFC [CH33-48C-2F + G61MPV-60C-110] [CH33-48C-2F + G71MPP-60C-110]

63°F (17°C)	1290	610	41.5	12.2	2.56	.77	.92	1.00	40.0	11.7	2.89	.79	.93	1.00	38.0	11.1	3.27	.80	.96	1.00	36.0	10.6	3.70	.82	.98	1.00
	1405	665	42.0	12.3	2.57	.79	.94	1.00	40.5	11.9	2.90	.81	.96	1.00	38.5	11.3	3.27	.82	.98	1.00	36.8	10.8	3.70	.84	1.00	1.00
	1605	760	43.5	12.7	2.59	.83	.98	1.00	41.5	12.2	2.91	.84	1.00	1.00	40.0	11.7	3.29	.86	1.00	1.00	38.0	11.1	3.73	.89	1.00	1.00
67°F (19°C)	1290	610	44.0	12.9	2.59	.61	.75	.88	42.0	12.3	2.92	.62	.76	.90	40.5	11.9	3.29	.63	.78	.92	38.5	11.3	3.73	.64	.80	.95
	1405	665	44.5	13.0	2.60	.62	.77	.91	43.0	12.6	2.93	.63	.78	.93	41.0	12.0	3.31	.64	.80	.95	39.0	11.4	3.74	.66	.82	.98
	1605	760	46.0	13.5	2.62	.65	.80	.96	44.0	12.9	2.94	.66	.82	.98	42.0	12.3	3.31	.67	.84	1.00	40.0	11.7	3.75	.68	.86	1.00
71°F (22°C)	1290	610	46.5	13.6	2.63	.47	.60	.72	44.5	13.0	2.95	.47	.61	.74	43.0	12.6	3.33	.48	.62	.75	41.0	12.0	3.76	.48	.63	.77
	1405	665	47.0	13.8	2.64	.47	.61	.74	45.5	13.3	2.96	.48	.62	.76	43.5	12.7	3.34	.48	.63	.78	41.5	12.2	3.77	.49	.64	.80
	1605	760	48.5	14.2	2.65	.49	.63	.78	46.5	13.6	2.97	.49	.65	.80	44.5	13.0	3.35	.50	.66	.82	42.5	12.5	3.78	.50	.67	.84

COOLING CAPACITY - 13ACD-042 with TXV [CH33-50/60C-2F + G60UHV-60C-090]

63°F (17°C)	1355	640	43.0	12.6	2.58	.78	.93	1.00	41.0	12.0	2.91	.80	.95	1.00	39.5	11.6	3.30	.81	.97	1.00	37.4	11.0	3.74	.83	.99	1.00
	1460	690	43.5	12.7	2.59	.80	.95	1.00	42.0	12.3	2.92	.82	.97	1.00	40.0	11.7	3.30	.83	.99	1.00	38.0	11.1	3.75	.85	1.00	1.00
	1670	790	44.5	13.0	2.60	.84	1.00	1.00	43.0	12.6	2.93	.85	1.00	1.00	41.5	12.2	3.32	.87	1.00	1.00	39.5	11.6	3.77	.90	1.00	1.00
67°F (19°C)	1355	640	45.0	13.2	2.61	.62	.76	.89	43.5	12.7	2.94	.63	.77	.91	42.0	12.3	3.32	.64	.79	.93	39.5	11.6	3.77	.65	.81	.96
	1460	690	46.0	13.5	2.62	.62	.78	.92	44.0	12.9	2.95	.64	.79	.94	42.5	12.5	3.33	.65	.81	.96	40.5	11.9	3.77	.66	.83	.99
	1670	790	47.0	13.8	2.63	.65	.81	.97	45.0	13.2	2.96	.66	.83	.99	43.0	12.6	3.34	.68	.85	1.00	41.0	12.0	3.79	.69	.87	1.00
71°F (22°C)	1355	640	47.5	13.9	2.64	.47	.61	.73	46.0	13.5	2.97	.47	.61	.75	44.0	12.9	3.36	.48	.62	.77	42.0	12.3	3.80	.48	.64	.78
	1460	690	48.0	14.1	2.65	.47	.61	.75	46.5	13.6	2.98	.47	.63	.76	44.5	13.0	3.36	.49	.64	.78	42.5	12.5	3.80	.49	.65	.81
	1670	790	49.5	14.5	2.66	.49	.64	.79	47.5	13.9	2.99	.49	.65	.81	46.0	13.5	3.38	.50	.66	.83	43.5	12.7	3.81	.50	.68	.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.

HORIZONTAL INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - 13ACD-042 with RFC

[CH33-50/60C-2F + G60UHV-60C-090]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	1250	590	41.5	12.2	2.57	.77	.91	1.00	40.0	11.7	2.89	.78	.93	1.00	38.0	11.1	3.27	.80	.95	1.00	36.2	10.6	3.70	.82	.98	1.00
	1355	640	42.0	12.3	2.57	.79	.94	1.00	40.5	11.9	2.90	.80	.96	1.00	39.0	11.4	3.27	.82	.98	1.00	36.8	10.8	3.70	.84	1.00	1.00
	1565	740	43.5	12.7	2.59	.83	.99	1.00	41.5	12.2	2.91	.84	1.00	1.00	40.0	11.7	3.29	.86	1.00	1.00	38.5	11.3	3.73	.89	1.00	1.00
67°F (19°C)	1250	590	44.0	12.9	2.59	.61	.75	.88	42.5	12.5	2.92	.62	.76	.90	40.5	11.9	3.30	.63	.78	.92	38.5	11.3	3.74	.64	.79	.95
	1355	640	45.0	13.2	2.60	.62	.76	.90	43.0	12.6	2.93	.63	.78	.92	41.0	12.0	3.31	.64	.80	.95	39.0	11.4	3.74	.65	.82	.97
	1565	740	46.0	13.5	2.62	.65	.80	.96	44.0	12.9	2.94	.66	.82	.98	42.0	12.3	3.32	.67	.84	1.00	40.0	11.7	3.75	.68	.86	1.00
71°F (22°C)	1250	590	46.5	13.6	2.63	.47	.60	.72	45.0	13.2	2.95	.47	.60	.74	43.0	12.6	3.33	.47	.61	.75	41.0	12.0	3.76	.48	.63	.77
	1355	640	47.5	13.9	2.64	.47	.61	.74	45.5	13.3	2.96	.47	.62	.75	43.5	12.7	3.34	.48	.63	.77	41.5	12.2	3.77	.48	.64	.79
	1565	740	48.5	14.2	2.65	.49	.63	.78	47.0	13.8	2.98	.49	.65	.80	45.0	13.2	3.35	.50	.66	.82	42.5	12.5	3.78	.50	.67	.84

COOLING CAPACITY - 13ACD-042 with TXV

[CH33-50/60C-2F + G61MPV-60C-090]
[CH33-50/60C-2F + G71MPP-60C-090]

63°F (17°C)	1275	600	42.5	12.5	2.58	.77	.91	1.00	40.5	11.9	2.91	.78	.93	1.00	39.0	11.4	3.29	.80	.95	1.00	37.0	10.8	3.74	.82	.98	1.00
	1440	680	43.5	12.7	2.59	.80	.95	1.00	41.5	12.2	2.92	.82	.97	1.00	40.0	11.7	3.31	.83	.99	1.00	38.0	11.1	3.75	.85	1.00	1.00
	1605	760	44.5	13.0	2.60	.83	.99	1.00	42.5	12.5	2.93	.85	1.00	1.00	41.0	12.0	3.31	.86	1.00	1.00	39.0	11.4	3.77	.89	1.00	1.00
67°F (19°C)	1275	600	44.5	13.0	2.60	.61	.75	.87	43.0	12.6	2.93	.62	.76	.89	41.5	12.2	3.32	.63	.77	.92	39.5	11.6	3.76	.64	.79	.94
	1440	680	45.5	13.3	2.62	.62	.77	.91	44.0	12.9	2.95	.64	.79	.93	42.5	12.5	3.33	.65	.81	.96	40.0	11.7	3.77	.66	.83	.99
	1605	760	46.5	13.6	2.63	.65	.80	.95	45.0	13.2	2.96	.66	.82	.97	43.0	12.6	3.33	.67	.84	1.00	41.0	12.0	3.78	.68	.86	1.00
71°F (22°C)	1275	600	47.0	13.8	2.63	.47	.60	.72	45.5	13.3	2.97	.48	.60	.73	43.5	12.7	3.34	.48	.61	.75	41.5	12.2	3.79	.48	.62	.77
	1440	680	48.0	14.1	2.65	.47	.61	.75	46.5	13.6	2.98	.48	.63	.76	44.5	13.0	3.36	.49	.64	.78	42.5	12.5	3.80	.49	.65	.80
	1605	760	49.0	14.4	2.66	.48	.63	.78	47.5	13.9	2.99	.49	.64	.79	45.5	13.3	3.37	.50	.66	.81	43.5	12.7	3.81	.50	.67	.84

COOLING CAPACITY - 13ACD-042 with RFC

[CH33-50/60C-2F + G61MPV-60C-090]
[CH33-50/60C-2F + G71MPP-60C-090]

63°F (17°C)	1275	600	41.5	12.2	2.57	.77	.92	1.00	40.0	11.7	2.89	.79	.94	1.00	38.5	11.3	3.27	.80	.96	1.00	36.4	10.7	3.70	.82	.99	1.00
	1440	680	43.0	12.6	2.58	.81	.96	1.00	41.0	12.0	2.90	.82	.98	1.00	39.5	11.6	3.28	.84	1.00	1.00	37.4	11.0	3.72	.86	1.00	1.00
	1605	760	43.5	12.7	2.59	.83	.99	1.00	42.0	12.3	2.92	.85	1.00	1.00	40.5	11.9	3.29	.87	1.00	1.00	38.5	11.3	3.73	.90	1.00	1.00
67°F (19°C)	1275	600	44.5	13.0	2.60	.61	.75	.88	42.5	12.5	2.92	.62	.76	.90	40.5	11.9	3.30	.63	.78	.93	38.5	11.3	3.73	.64	.80	.95
	1440	680	45.5	13.3	2.61	.63	.78	.93	43.5	12.7	2.94	.64	.80	.95	41.5	12.2	3.32	.65	.82	.97	39.5	11.6	3.75	.67	.84	.99
	1605	760	46.5	13.6	2.62	.65	.81	.97	44.5	13.0	2.95	.66	.83	.99	42.5	12.5	3.32	.67	.85	1.00	40.5	11.9	3.76	.69	.87	1.00
71°F (22°C)	1275	600	47.0	13.8	2.63	.47	.60	.73	45.0	13.2	2.96	.47	.61	.74	43.0	12.6	3.33	.48	.62	.76	41.0	12.0	3.76	.48	.63	.77
	1440	680	48.0	14.1	2.64	.48	.62	.76	46.0	13.5	2.97	.48	.63	.77	44.0	12.9	3.34	.49	.64	.79	42.0	12.3	3.77	.49	.65	.81
	1605	760	49.0	14.4	2.66	.49	.64	.79	47.0	13.8	2.98	.49	.65	.81	45.0	13.2	3.36	.50	.66	.83	43.0	12.6	3.79	.50	.68	.85

COOLING CAPACITY - 13ACD-042 with TXV

[CH33-50/60C-2F + G61MPV-60C-110]
[CH33-50/60C-2F + G71MPP-60C-110]

63°F (17°C)	1290	610	42.5	12.5	2.58	.77	.91	1.00	41.0	12.0	2.91	.79	.93	1.00	39.0	11.4	3.29	.80	.95	1.00	37.0	10.8	3.74	.82	.98	1.00
	1405	665	43.0	12.6	2.58	.79	.94	1.00	41.5	12.2	2.92	.81	.96	1.00	39.5	11.6	3.30	.82	.98	1.00	37.6	11.0	3.75	.84	1.00	1.00
	1605	760	44.5	13.0	2.60	.83	.99	1.00	42.5	12.5	2.93	.85	1.00	1.00	41.0	12.0	3.31	.86	1.00	1.00	39.0	11.4	3.77	.89	1.00	1.00
67°F (19°C)	1290	610	45.0	13.2	2.60	.61	.75	.88	43.0	12.6	2.94	.62	.76	.90	41.5	12.2	3.32	.63	.78	.92	39.5	11.6	3.76	.64	.80	.95
	1405	665	45.5	13.3	2.61	.63	.77	.91	44.0	12.9	2.95	.63	.78	.93	42.0	12.3	3.33	.65	.80	.95	40.0	11.7	3.77	.66	.82	.98
	1605	760	46.5	13.6	2.63	.65	.80	.95	45.0	13.2	2.96	.66	.82	.97	43.0	12.6	3.33	.67	.84	1.00	41.0	12.0	3.78	.68	.86	1.00
71°F (22°C)	1290	610	47.0	13.8	2.63	.47	.60	.73	45.5	13.3	2.97	.47	.60	.73	43.5	12.7	3.34	.48	.62	.75	41.5	12.2	3.79	.48	.63	.77
	1405	665	48.0	14.1	2.64	.47	.62	.74	46.5	13.6	2.97	.48	.62	.76	44.5	13.0	3.36	.48	.63	.78	42.5	12.5	3.80	.49	.64	.80
	1605	760	49.0	14.4	2.66	.48	.63	.78	47.5	13.9	2.99	.49	.64	.79	45.5	13.3	3.37	.50	.66	.81	43.5	12.7	3.81	.50	.67	.84

COOLING CAPACITY - 13ACD-042 with RFC

[CH33-50/60C-2F + G61MPV-60C-110]
[CH33-50/60C-2F + G71MPP-60C-110]

63°F (17°C)	1180	555	41.0	12.0	2.56	.76	.89	1.00	39.5	11.6	2.88	.77	.91	1.00	37.6	11.0	3.26	.79	.93	1.00	35.8	10.5	3.70	.80	.96	1.00
	1290	610	42.0	12.3	2.57	.78	.92	1.00	40.0	11.7	2.89	.79	.94	1.00	38.5	11.3	3.27	.81	.96	1.00	36.4	10.7	3.71	.83	.99	1.00
	1495	705	43.0	12.6	2.58	.82	.97	1.00	41.5	12.2	2.91	.83	.99	1.00	39.5	11.6	3.28	.85	1.00	1.00	37.8	11.1	3.72	.88	1.00	1.00
67°F (19°C)	1180	555	43.5	12.7	2.59	.60	.73	.86	42.0	12.3	2.91	.61	.75	.88	40.0	11.7	3.29	.62	.76	.90	38.0	11.1	3.73	.63	.78	.92
	1290	610	44.5	13.0	2.60	.62	.75	.89	42.5	12.5	2.93	.62	.77	.91	41.0	12.0	3.30	.63	.78	.93	38.5	11.3	3.74	.64	.80	.96
	1495	705	45.5	13.3	2.62	.64	.79	.94	44.0	12.9	2.94	.65	.81	.96	42.0	12.3	3.31	.66	.83	.99	40.0	11.7	3.75	.68	.85	1.00
71°F (22°C)	1180	555	46.0	13.5	2.62	.47	.59	.71	44.5	13.0	2.95	.47	.60	.72	42.5	12.5	3.32	.47	.61	.74	40.5	11.9	3.76	.48	.62	.75
	1290	610	47.0	13.8	2.63	.47	.60	.73	45.0	13.2	2.96	.47	.61	.74	43.0	12.6	3.33	.48	.62	.76	41.0	12.0	3.76	.48	.63	.78
	1495	705	48.5	14.2	2.65	.48	.63	.77	46.5	13.6	2.98	.49	.64	.78	44.5	13.0	3.35	.49	.65	.80	42.5	12.5	3.78	.50	.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.

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		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - 13ACD-042 with TXV																										**[CB26UH-042-R]**
63°F (17°C)	1145	540	40.0	11.7	2.55	.75	.87	.99	38.5	11.3	2.88	.76	.89	1.00	37.2	10.9	3.27	.78	.92	1.00	35.4	10.4	3.72	.80	.94	1.00
	1220	575	40.5	11.9	2.56	.76	.89	1.00	39.0	11.4	2.89	.78	.91	1.00	37.6	11.0	3.28	.79	.93	1.00	35.8	10.5	3.72	.81	.96	1.00
	1405	665	41.5	12.2	2.57	.79	.93	1.00	40.0	11.7	2.90	.80	.95	1.00	38.5	11.3	3.29	.82	.98	1.00	37.0	10.8	3.73	.85	1.00	1.00
67°F (19°C)	1145	540	42.5	12.5	2.58	.61	.73	.84	41.0	12.0	2.91	.61	.74	.86	39.5	11.6	3.29	.62	.75	.88	37.8	11.1	3.75	.63	.77	.90
	1220	575	43.0	12.6	2.58	.61	.74	.86	41.5	12.2	2.92	.62	.75	.88	40.0	11.7	3.30	.63	.77	.90	38.0	11.1	3.75	.64	.78	.93
	1405	665	44.0	12.9	2.59	.63	.76	.90	42.5	12.5	2.93	.64	.78	.92	41.0	12.0	3.31	.65	.80	.94	39.0	11.4	3.77	.66	.82	.97
71°F (22°C)	1145	540	44.5	13.0	2.60	.47	.59	.70	43.5	12.7	2.94	.47	.60	.71	42.0	12.3	3.33	.47	.61	.73	40.0	11.7	3.77	.48	.62	.74
	1220	575	45.5	13.3	2.61	.47	.60	.71	44.0	12.9	2.94	.48	.60	.73	42.5	12.5	3.33	.48	.61	.74	40.5	11.9	3.78	.48	.63	.76
	1405	665	46.5	13.6	2.63	.48	.61	.74	45.0	13.2	2.96	.48	.62	.76	43.5	12.7	3.34	.49	.63	.77	41.5	12.2	3.79	.49	.65	.79
COOLING CAPACITY - 13ACD-042 with TXV																										**[CB30M-41]**
63°F (17°C)	1225	580	39.5	11.6	2.55	.78	.93	1.00	38.0	11.1	2.88	.80	.94	1.00	36.6	10.7	3.27	.81	.96	1.00	34.8	10.2	3.72	.83	.99	1.00
	1400	660	40.5	11.9	2.56	.82	.97	1.00	39.0	11.4	2.89	.83	.98	1.00	37.6	11.0	3.28	.85	1.00	1.00	35.8	10.5	3.73	.87	1.00	1.00
67°F (19°C)	1225	580	42.0	12.3	2.57	.62	.76	.89	40.5	11.9	2.90	.63	.77	.91	38.5	11.3	3.29	.64	.79	.93	36.8	10.8	3.73	.65	.81	.96
	1400	660	43.0	12.6	2.58	.64	.79	.94	41.5	12.2	2.91	.65	.81	.95	39.5	11.6	3.29	.66	.83	.97	37.6	11.0	3.74	.67	.85	.99
71°F (22°C)	1225	580	44.0	12.9	2.60	.47	.61	.74	42.5	12.5	2.93	.48	.62	.75	41.0	12.0	3.31	.48	.62	.76	39.0	11.4	3.76	.48	.63	.78
	1400	660	45.5	13.3	2.61	.48	.62	.77	43.5	12.7	2.94	.49	.64	.78	42.0	12.3	3.33	.49	.65	.80	40.0	11.7	3.77	.50	.66	.82
COOLING CAPACITY - 13ACD-042 with TXV																										**[CB30M-46]**
63°F (17°C)	1225	580	39.5	11.6	2.55	.78	.93	1.00	38.0	11.1	2.89	.79	.94	1.00	36.6	10.7	3.27	.81	.96	1.00	34.8	10.2	3.72	.83	.99	1.00
	1400	660	40.5	11.9	2.56	.81	.97	1.00	39.0	11.4	2.89	.83	.98	1.00	37.6	11.0	3.28	.85	1.00	1.00	35.8	10.5	3.73	.87	1.00	1.00
	1555	735	41.5	12.2	2.57	.85	.99	1.00	40.0	11.7	2.90	.86	1.00	1.00	38.5	11.3	3.29	.88	1.00	1.00	36.8	10.8	3.74	.90	1.00	1.00
67°F (19°C)	1225	580	42.0	12.3	2.57	.62	.76	.89	40.5	11.9	2.90	.63	.77	.91	38.5	11.3	3.28	.63	.79	.93	36.8	10.8	3.73	.65	.81	.95
	1400	660	43.0	12.6	2.58	.64	.79	.94	41.5	12.2	2.92	.65	.81	.95	39.5	11.6	3.29	.66	.82	.97	37.6	11.0	3.74	.67	.85	.99
	1555	735	44.0	12.9	2.59	.66	.82	.97	42.0	12.3	2.93	.67	.84	.99	40.5	11.9	3.31	.68	.86	1.00	38.5	11.3	3.75	.70	.88	1.00
71°F (22°C)	1225	580	44.0	12.9	2.60	.47	.61	.74	42.5	12.5	2.93	.48	.62	.74	41.0	12.0	3.31	.48	.62	.76	39.0	11.4	3.76	.48	.63	.78
	1400	660	45.5	13.3	2.61	.48	.62	.77	43.5	12.7	2.94	.49	.64	.78	42.0	12.3	3.33	.49	.65	.80	40.0	11.7	3.77	.49	.66	.82
	1555	735	46.0	13.5	2.62	.49	.65	.80	44.5	13.0	2.95	.50	.66	.82	42.5	12.5	3.33	.50	.67	.84	40.5	11.9	3.78	.51	.69	.86
COOLING CAPACITY - 13ACD-042 with TXV																										**[CB30M-51]**
63°F (17°C)	1250	590	42.0	12.3	2.57	.78	.93	1.00	40.5	11.9	2.90	.80	.95	1.00	38.5	11.3	3.29	.82	.97	1.00	36.6	10.7	3.73	.84	.99	1.00
	1425	675	43.0	12.6	2.58	.81	.97	1.00	41.5	12.2	2.92	.83	.99	1.00	39.5	11.6	3.30	.85	1.00	1.00	37.8	11.1	3.75	.88	1.00	1.00
	1625	765	44.0	12.9	2.60	.85	1.00	1.00	42.5	12.5	2.93	.87	1.00	1.00	41.0	12.0	3.31	.89	1.00	1.00	39.0	11.4	3.76	.92	1.00	1.00
67°F (19°C)	1250	590	44.0	12.9	2.60	.62	.76	.90	42.5	12.5	2.93	.63	.77	.91	41.0	12.0	3.31	.64	.79	.94	39.0	11.4	3.76	.65	.81	.97
	1425	675	45.5	13.3	2.61	.64	.79	.94	43.5	12.7	2.94	.65	.81	.96	42.0	12.3	3.32	.66	.83	.98	40.0	11.7	3.77	.68	.85	1.00
	1625	765	46.5	13.6	2.62	.66	.83	.98	44.5	13.0	2.95	.67	.85	.99	42.5	12.5	3.33	.69	.87	1.00	40.5	11.9	3.78	.70	.89	1.00
71°F (22°C)	1250	590	46.5	13.6	2.63	.47	.61	.74	45.0	13.2	2.96	.48	.61	.75	43.0	12.6	3.34	.48	.63	.77	41.0	12.0	3.78	.49	.64	.79
	1425	675	47.5	13.9	2.64	.48	.63	.77	46.0	13.5	2.97	.49	.64	.78	44.0	12.9	3.36	.49	.65	.80	42.0	12.3	3.80	.50	.66	.83
	1625	765	48.5	14.2	2.65	.49	.65	.80	47.0	13.8	2.98	.50	.66	.82	45.0	13.2	3.37	.50	.67	.84	43.0	12.6	3.81	.51	.69	.87
COOLING CAPACITY - 13ACD-042 with TXV																										**[CBX32MV-048]** **[CBX40UHV-048]**
63°F (17°C)	1205	570	41.5	12.2	2.57	.77	.91	1.00	40.0	11.7	2.90	.78	.93	1.00	38.0	11.1	3.28	.80	.95	1.00	36.2	10.6	3.73	.82	.98	1.00
	1425	675	43.0	12.6	2.58	.81	.97	1.00	41.5	12.2	2.91	.83	.98	1.00	39.5	11.6	3.30	.85	1.00	1.00	37.8	11.1	3.74	.87	1.00	1.00
	1625	765	44.0	12.9	2.60	.85	1.00	1.00	42.5	12.5	2.93	.87	1.00	1.00	41.0	12.0	3.31	.89	1.00	1.00	39.0	11.4	3.76	.92	1.00	1.00
67°F (19°C)	1205	570	44.0	12.9	2.59	.61	.74	.88	42.5	12.5	2.92	.62	.76	.90	40.5	11.9	3.31	.63	.77	.92	38.5	11.3	3.76	.64	.79	.95
	1425	675	45.0	13.2	2.61	.64	.79	.94	43.5	12.7	2.94	.65	.80	.96	42.0	12.3	3.32	.66	.82	.98	40.0	11.7	3.77	.67	.85	1.00
	1625	765	46.5	13.6	2.62	.66	.83	.98	44.5	13.0	2.95	.67	.85	.99	42.5	12.5	3.33	.68	.87	1.00	40.5	11.9	3.78	.70	.89	1.00
71°F (22°C)	1205	570	46.0	13.5	2.62	.46	.60	.72	44.5	13.0	2.95	.47	.60	.73	43.0	12.6	3.33	.47	.61	.75	41.0	12.0	3.79	.47	.63	.77
	1425	675	47.5	13.9	2.64	.48	.62	.76	46.0	13.5	2.97	.48	.63	.78	44.0	12.9	3.36	.49	.64	.80	42.0	12.3	3.79	.49	.66	.82
	1625	765	48.5	14.2	2.65	.49	.65	.80	47.0	13.8	2.98	.50	.66	.82	45.0	13.2	3.37	.50	.67	.84	43.0	12.6	3.81	.51	.69	.87

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

UP-FLOW INDOOR COILS

COOLING CAPACITY - 13ACD-048 with TXV [C33-38A/B]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	1400	660	45.5	13.3	2.80	.77	.91	1.00	44.0	12.9	3.16	.78	.93	1.00	42.0	12.3	3.56	.80	.95	1.00	40.0	11.7	4.03	.82	.97	1.00
	1600	755	47.0	13.8	2.82	.80	.95	1.00	45.0	13.2	3.17	.81	.97	1.00	43.5	12.7	3.57	.83	.99	1.00	41.0	12.0	4.05	.85	1.00	1.00
	1800	850	48.0	14.1	2.83	.83	.99	1.00	46.0	13.5	3.18	.85	1.00	1.00	44.5	13.0	3.59	.87	1.00	1.00	42.5	12.5	4.06	.89	1.00	1.00
67°F (19°C)	1400	660	48.5	14.2	2.83	.62	.75	.88	46.5	13.6	3.19	.62	.76	.89	45.0	13.2	3.59	.63	.77	.92	42.5	12.5	4.06	.64	.79	.94
	1600	755	49.5	14.5	2.85	.63	.78	.92	48.0	14.1	3.20	.64	.79	.94	46.0	13.5	3.61	.65	.81	.96	43.5	12.7	4.08	.66	.83	.99
	1800	850	50.5	14.8	2.86	.65	.81	.96	49.0	14.4	3.21	.66	.82	.98	47.0	13.8	3.62	.67	.84	1.00	44.5	13.0	4.09	.69	.87	1.00
71°F (22°C)	1400	660	51.0	14.9	2.87	.47	.60	.72	49.0	14.4	3.22	.48	.61	.74	47.5	13.9	3.63	.48	.62	.75	45.0	13.2	4.10	.48	.63	.77
	1600	755	52.0	15.2	2.88	.48	.62	.76	50.5	14.8	3.24	.49	.63	.77	48.5	14.2	3.64	.49	.64	.79	46.0	13.5	4.11	.49	.65	.81
	1800	850	53.0	15.5	2.90	.49	.64	.79	51.5	15.1	3.25	.50	.65	.80	49.5	14.5	3.66	.50	.66	.82	47.0	13.8	4.13	.50	.68	.84

COOLING CAPACITY - 13ACD-048 with TXV [C33-43B/C]

63°F (17°C)	1400	660	46.0	13.5	2.81	.76	.90	1.00	44.5	13.0	3.16	.78	.91	1.00	42.5	12.5	3.57	.79	.94	1.00	40.5	11.9	4.04	.81	.96	1.00
	1600	755	47.5	13.9	2.82	.79	.94	1.00	46.0	13.5	3.18	.81	.96	1.00	44.0	12.9	3.58	.82	.98	1.00	42.0	12.3	4.05	.84	1.00	1.00
	1800	850	48.5	14.2	2.84	.82	.98	1.00	47.0	13.8	3.19	.84	.99	1.00	45.0	13.2	3.60	.85	1.00	1.00	43.0	12.6	4.06	.88	1.00	1.00
67°F (19°C)	1400	660	48.5	14.2	2.83	.61	.74	.86	47.0	13.8	3.19	.62	.75	.88	45.0	13.2	3.59	.63	.77	.90	43.0	12.6	4.07	.64	.79	.93
	1600	755	50.0	14.7	2.85	.63	.77	.90	48.0	14.1	3.20	.64	.78	.93	46.0	13.5	3.61	.65	.80	.95	44.0	12.9	4.08	.66	.82	.97
	1800	850	51.0	14.9	2.87	.65	.80	.94	49.0	14.4	3.22	.66	.81	.96	47.0	13.8	3.62	.67	.83	.99	45.0	13.2	4.10	.68	.85	1.00
71°F (22°C)	1400	660	51.0	14.9	2.87	.47	.60	.72	49.5	14.5	3.22	.48	.60	.73	47.5	13.9	3.63	.48	.61	.74	45.5	13.3	4.10	.49	.63	.76
	1600	755	52.5	15.4	2.88	.48	.62	.75	50.5	14.8	3.24	.49	.63	.76	48.5	14.2	3.64	.49	.64	.78	46.5	13.6	4.12	.49	.65	.80
	1800	850	54.0	15.8	2.90	.49	.64	.77	51.5	15.1	3.25	.49	.64	.79	49.5	14.5	3.65	.50	.65	.81	47.5	13.9	4.13	.50	.67	.83

COOLING CAPACITY - 13ACD-048 with RFC [C33-43C]

63°F (17°C)	1400	660	45.0	13.2	2.81	.77	.91	1.00	43.5	12.7	3.15	.78	.93	1.00	42.0	12.3	3.55	.80	.95	1.00	40.0	11.7	4.01	.82	.97	1.00
	1600	755	46.5	13.6	2.83	.80	.95	1.00	45.0	13.2	3.17	.82	.97	1.00	43.0	12.6	3.56	.83	.99	1.00	41.0	12.0	4.02	.85	1.00	1.00
	1800	850	47.5	13.9	2.84	.83	.99	1.00	46.0	13.5	3.18	.85	1.00	1.00	44.0	12.9	3.58	.87	1.00	1.00	42.0	12.3	4.04	.89	1.00	1.00
67°F (19°C)	1400	660	48.0	14.1	2.84	.62	.75	.88	46.0	13.5	3.19	.62	.76	.89	44.0	12.9	3.58	.63	.77	.91	42.0	12.3	4.04	.64	.79	.94
	1600	755	49.0	14.4	2.86	.63	.78	.92	47.0	13.8	3.20	.64	.79	.94	45.0	13.2	3.59	.65	.81	.96	43.0	12.6	4.05	.67	.83	.99
	1800	850	50.0	14.7	2.87	.65	.81	.96	48.0	14.1	3.21	.66	.82	.98	46.0	13.5	3.61	.67	.84	1.00	44.0	12.9	4.07	.69	.87	1.00
71°F (22°C)	1400	660	50.5	14.8	2.88	.47	.60	.72	48.5	14.2	3.22	.48	.61	.74	46.5	13.6	3.62	.48	.62	.75	44.5	13.0	4.08	.49	.63	.77
	1600	755	51.5	15.1	2.90	.48	.62	.76	49.5	14.5	3.24	.49	.63	.77	47.5	13.9	3.64	.49	.64	.78	45.5	13.3	4.10	.50	.65	.81
	1800	850	52.5	15.4	2.91	.49	.64	.78	50.5	14.8	3.26	.50	.65	.80	48.5	14.2	3.65	.50	.66	.82	46.5	13.6	4.11	.51	.68	.84

COOLING CAPACITY - 13ACD-048 with TXV [C33-49C]

63°F (17°C)	1400	660	46.0	13.5	2.81	.76	.89	1.00	44.5	13.0	3.16	.77	.91	1.00	43.0	12.6	3.57	.79	.93	1.00	41.0	12.0	4.04	.81	.96	1.00
	1600	755	47.5	13.9	2.82	.79	.93	1.00	46.0	13.5	3.18	.80	.95	1.00	44.0	12.9	3.58	.82	.98	1.00	42.0	12.3	4.06	.84	1.00	1.00
	1800	850	49.0	14.4	2.84	.82	.97	1.00	47.0	13.8	3.19	.83	.99	1.00	45.5	13.3	3.60	.85	1.00	1.00	43.5	12.7	4.07	.88	1.00	1.00
67°F (19°C)	1400	660	49.0	14.4	2.84	.61	.74	.86	47.0	13.8	3.19	.62	.75	.88	45.0	13.2	3.60	.63	.77	.90	43.0	12.6	4.07	.64	.79	.92
	1600	755	50.0	14.7	2.85	.63	.77	.90	48.5	14.2	3.21	.64	.78	.92	46.5	13.6	3.62	.65	.80	.94	44.5	13.0	4.09	.66	.82	.97
	1800	850	51.5	15.1	2.87	.65	.80	.94	49.5	14.5	3.22	.66	.81	.96	47.5	13.9	3.63	.67	.83	.98	45.5	13.3	4.10	.68	.85	1.00
71°F (22°C)	1400	660	51.0	14.9	2.87	.47	.60	.72	49.5	14.5	3.22	.48	.61	.73	47.5	13.9	3.63	.48	.62	.74	45.5	13.3	4.10	.49	.63	.76
	1600	755	52.5	15.4	2.89	.48	.62	.75	51.0	14.9	3.24	.49	.63	.76	49.0	14.4	3.65	.49	.64	.78	46.5	13.6	4.12	.50	.65	.80
	1800	850	54.0	15.8	2.90	.49	.64	.77	52.0	15.2	3.26	.50	.65	.79	50.0	14.7	3.66	.50	.66	.81	47.5	13.9	4.14	.51	.67	.83

COOLING CAPACITY - 13ACD-048 with RFC [C33-49C]

63°F (17°C)	1450	685	46.0	13.5	2.82	.78	.92	1.00	44.5	13.0	3.16	.79	.94	1.00	42.5	12.5	3.56	.81	.96	1.00	40.5	11.9	4.02	.83	.99	1.00
	1600	755	47.0	13.8	2.83	.80	.95	1.00	45.5	13.3	3.17	.82	.97	1.00	43.5	12.7	3.57	.84	.99	1.00	41.5	12.2	4.03	.86	1.00	1.00
	1750	825	48.0	14.1	2.84	.83	.98	1.00	46.0	13.5	3.19	.84	1.00	1.00	44.5	13.0	3.58	.86	1.00	1.00	42.5	12.5	4.05	.89	1.00	1.00
67°F (19°C)	1450	685	48.5	14.2	2.85	.62	.76	.89	47.0	13.8	3.20	.63	.77	.91	45.0	13.2	3.59	.64	.79	.93	42.5	12.5	4.05	.65	.81	.96
	1600	755	49.5	14.5	2.86	.64	.78	.92	47.5	13.9	3.21	.65	.80	.94	45.5	13.3	3.61	.66	.81	.96	43.5	12.7	4.06	.67	.83	.99
	1750	825	50.0	14.7	2.88	.65	.77	.95	48.5	14.2	3.22	.67	.82	.97	46.5	13.6	3.62	.67	.84	.99	44.5	13.0	4.08	.69	.86	1.00
71°F (22°C)	1450	685	51.0	14.9	2.89	.48	.61	.74	49.0	14.4	3.23	.48	.62	.75	47.0	13.8	3.63	.49	.63	.77	45.0	13.2	4.08	.49	.64	.78
	1600	755	52.0	15.2	2.90	.49	.63	.76	50.0	14.7	3.25	.49	.64	.77	48.0	14.1	3.64	.50	.65		45.5	13.3	4.10	.50	.66	.81
	1750	825	53.0	15.5	2.92	.50	.64	.75	51.0	14.9	3.26	.50	.66	.80	49.0	14.4	3.65	.48	.66	.82	46.5	13.6	4.11	.51	.68	.84

COOLING CAPACITY - 13ACD-048 with TXV [C33-50/60C]

63°F (17°C)	1400	660	46.0	13.5	2.81	.76	.89	1.00	44.5	13.0	3.16	.77	.91	1.00	42.5	12.5	3.57	.79	.93	1.00	40.5	11.9	4.03	.80	.96	1.00
	1600	755	47.5	13.9	2.82	.79	.93	1.00	45.5	13.3	3.17	.80	.95	1.00	44.0	12.9	3.58	.82	.97	1.00	41.5	12.2	4.05	.84	1.00	1.00
	1800	850	48.5	14.2	2.84	.82	.97	1.00	46.5	13.6	3.19	.83	.99	1.00	44.5	13.0	3.59	.85	1.00	1.00	42.5	12.5	4.06	.87	1.00	1.00
67°F (19°C)	1400	660	48.5	14.2	2.84	.61	.74	.86	47.0	13.8	3.19	.62	.75	.88	45.0	13.2	3.59	.63	.76	.90	43.0	12.6	4.06	.64	.78	.92
	1600	755	50.0	14.7	2.85	.62	.76	.90	48.0	14.1	3.21	.64	.78	.92	46.0	13.5	3.61	.65	.80	.94	44.0	12.9	4.08	.66	.82	.97
	1800	850	51.0	14.9	2.86	.64	.79	.94	49.0	14.4	3.22	.65	.81	.96	47.0	13.8	3.62	.66	.83	.98	45.0	13.2	4.09	.68	.85	1.00
71°F (22°C)	1400	660	51.5	15.1	2.87	.47	.60	.71	49.5	14.5	3.22	.47	.60	.73	47.5	13.9	3.63	.48	.61	.74	45.5	13.3	4.10	.48	.62	.76
	1600	755	52.5	15.4	2.89	.48	.61	.74	51.0	14.9	3.24	.48	.62	.76	49.0	14.4	3.65	.49	.63	.77	46.5	13.6	4.12	.49	.64	.79
	1800	850	53.5	15.7	2.90	.48	.63	.77	52.0	15.2	3.26	.49	.64	.79	50.0	14.7	3.66	.50	.65	.80	47.5	13.9	4.13	.50	.67	.83

COOLING CAPACITY - 13ACD-048 with RFC [C33-50/60C]

63°F (17°C)	1400	660	45.0	13.2	2.81	.77	.90	1.00	43.5	12.7	3.15	.78	.92	1.00	41.5	12.2	3.55	.79	.94	1.00	39.5	11.6	4.00	.81	.97	1.00
	1600	755	46.5	13.6	2.82	.79	.94	1.00	44.5	13.0	3.17	.81	.96	1.00	42.5	12.5	3.56	.83	.99	1.00	40.5	11.9	4.02	.85	1.00	1.00
	1800	850	47.5	13.9	2.84	.83	.98	1.00	45.5	13.3	3.18	.84	1.00	1.00	43.5	12.7	3.58	.86	1.00	1.00	42.0	12.3	4.04	.88	1.00	1.00
67°F (19°C)	1400	660	48.0	14.1	2.84	.61	.74	.87	46.0	13.5	3.18	.62	.76	.89	44.0	12.9	3.58	.63	.77	.91	42.0	12.3	4.04	.64	.79	.93
	1600	755	49.0	14.4	2.86	.63	.77	.91	47.0	13.8	3.20	.64	.79	.93	45.0	13.2	3.60	.65	.80	.95	43.0	12.6	4.05	.66	.82	.98
	1800	850	50.0	14.7	2.87	.65	.80	.95	48.0	14.1	3.22	.66	.82	.97	46.0	13.5	3.61	.67	.84	.99	44.0	12.9	4.07	.69	.86	1.00
71°F (22°C)	1400	660	50.5	14.8	2.88	.47	.60	.72	48.5	14.2	3.22	.48	.61	.73	47.0	13.8	3.62	.48	.61	.75	44.5	13.0	4.08	.48	.63	.76
	1600	755	52.0	15.2	2.90	.48	.62	.75	50.0	14.7	3.24	.48	.63	.77	48.0	14.1	3.64	.49	.64	.78	45.5	13.3	4.09	.49	.65	.80
	1800	850	53.0	15.5	2.92	.49	.64	.78	51.0	14.9	3.26	.49	.65	.80	49.0	14.4	3.65	.50	.66	.82	46.5	13.6	4.11	.50	.67	.84

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		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - 13ACD-048 with TXV																												**[C33-60D]**
63°F (17°C)	1400	660	46.5	13.6	2.81	.77	.90	1.00	45.0	13.2	3.16	.78	.92	1.00	43.0	12.6	3.57	.80	.94	1.00	41.0	12.0	4.04	.81	.96	1.00
	1600	755	48.0	14.1	2.82	.80	.94	1.00	46.0	13.5	3.18	.81	.96	1.00	44.0	12.9	3.58	.83	.99	1.00	42.0	12.3	4.06	.85	1.00	1.00
	1800	850	49.0	14.4	2.84	.83	.98	1.00	47.0	13.8	3.19	.84	1.00	1.00	45.0	13.2	3.60	.86	1.00	1.00	43.5	12.7	4.07	.89	1.00	1.00
67°F (19°C)	1400	660	49.0	14.4	2.84	.61	.75	.87	47.0	13.8	3.19	.62	.76	.89	45.5	13.3	3.60	.63	.77	.91	43.0	12.6	4.07	.64	.79	.93
	1600	755	50.5	14.8	2.86	.63	.78	.91	48.5	14.2	3.21	.64	.79	.93	46.5	13.6	3.61	.65	.81	.95	44.5	13.0	4.08	.67	.83	.98
	1800	850	51.5	15.1	2.87	.65	.81	.95	49.5	14.5	3.22	.66	.82	.97	47.5	13.9	3.63	.67	.84	.99	45.0	13.2	4.10	.69	.86	1.00
71°F (22°C)	1400	660	51.5	15.1	2.88	.47	.60	.72	50.0	14.7	3.23	.48	.61	.73	48.0	14.1	3.63	.48	.61	.75	45.5	13.3	4.11	.49	.63	.77
	1600	755	53.0	15.5	2.89	.48	.62	.75	51.0	14.9	3.24	.49	.63	.77	49.0	14.4	3.65	.49	.64	.78	47.0	13.8	4.12	.50	.66	.80
	1800	850	54.0	15.8	2.91	.49	.64	.78	52.0	15.2	3.26	.50	.65	.80	50.0	14.7	3.66	.50	.66	.82	47.5	13.9	4.13	.51	.68	.84
COOLING CAPACITY - 13ACD-048 with RFC																												**[C33-60D]**
63°F (17°C)	1400	660	45.5	13.3	2.81	.78	.91	1.00	44.0	12.9	3.15	.79	.93	1.00	42.0	12.3	3.55	.80	.95	1.00	40.0	11.7	4.02	.82	.98	1.00
	1600	755	47.0	13.8	2.83	.81	.95	1.00	45.0	13.2	3.17	.82	.98	1.00	43.0	12.6	3.57	.84	.99	1.00	41.5	12.2	4.03	.86	1.00	1.00
	1800	850	48.0	14.1	2.84	.84	.99	1.00	46.0	13.5	3.18	.85	1.00	1.00	44.5	13.0	3.59	.87	1.00	1.00	42.5	12.5	4.05	.90	1.00	1.00
67°F (19°C)	1400	660	48.0	14.1	2.84	.62	.75	.88	46.0	13.5	3.19	.63	.77	.90	44.5	13.0	3.58	.63	.78	.92	42.5	12.5	4.04	.65	.80	.94
	1600	755	49.5	14.5	2.86	.64	.78	.92	47.5	13.9	3.21	.65	.80	.94	45.5	13.3	3.60	.66	.82	.97	43.5	12.7	4.06	.67	.84	.99
	1800	850	50.5	14.8	2.88	.66	.81	.96	48.5	14.2	3.22	.67	.83	.98	46.5	13.6	3.62	.68	.85	1.00	44.0	12.9	4.07	.70	.88	1.00
71°F (22°C)	1400	660	50.5	14.8	2.88	.48	.61	.73	49.0	14.4	3.23	.48	.61	.74	47.0	13.8	3.62	.48	.62	.76	45.0	13.2	4.08	.49	.63	.77
	1600	755	52.0	15.2	2.90	.48	.63	.76	50.0	14.7	3.24	.49	.64	.78	48.0	14.1	3.64	.49	.65	.79	46.0	13.5	4.10	.50	.66	.81
	1800	850	53.0	15.5	2.92	.49	.65	.79	51.0	14.9	3.26	.50	.66	.81	48.5	14.2	3.65	.50	.67	.83	46.5	13.6	4.11	.51	.69	.85
COOLING CAPACITY - 13ACD-048 with TXV																												**[C33-62C]**
63°F (17°C)	1400	660	47.5	13.9	2.83	.78	.92	1.00	46.0	13.5	3.18	.79	.94	1.00	44.0	12.9	3.58	.81	.96	1.00	42.0	12.3	4.05	.83	.99	1.00
	1600	755	49.0	14.4	2.84	.81	.97	1.00	47.0	13.8	3.19	.83	.99	1.00	45.5	13.3	3.60	.85	1.00	1.00	43.5	12.7	4.07	.87	1.00	1.00
	1800	850	50.0	14.7	2.86	.85	1.00	1.00	48.5	14.2	3.21	.86	1.00	1.00	47.0	13.8	3.62	.88	1.00	1.00	45.0	13.2	4.09	.91	1.00	1.00
67°F (19°C)	1400	660	50.5	14.8	2.86	.62	.76	.89	48.5	14.2	3.21	.62	.77	.90	46.5	13.6	3.62	.64	.78	.93	44.5	13.0	4.09	.65	.80	.96
	1600	755	52.0	15.2	2.88	.64	.79	.94	50.0	14.7	3.23	.65	.81	.96	48.0	14.1	3.63	.66	.82	.98	45.5	13.3	4.10	.67	.84	1.00
	1800	850	53.0	15.5	2.89	.66	.82	.98	50.5	14.8	3.24	.67	.84	1.00	48.5	14.2	3.64	.68	.86	1.00	46.5	13.6	4.11	.70	.89	1.00
71°F (22°C)	1400	660	53.0	15.5	2.89	.47	.60	.73	51.0	14.9	3.25	.48	.62	.75	49.0	14.4	3.65	.48	.62	.76	47.0	13.8	4.12	.48	.63	.78
	1600	755	54.5	16.0	2.91	.49	.63	.77	52.5	15.4	3.27	.49	.64	.78	50.5	14.8	3.67	.49	.65	.80	48.0	14.1	4.14	.50	.66	.82
	1800	850	55.5	16.3	2.93	.50	.65	.80	53.5	15.7	3.28	.50	.66	.82	51.5	15.1	3.68	.51	.67	.83	49.0	14.4	4.16	.51	.69	.86
COOLING CAPACITY - 13ACD-048 with RFC																												**[C33-62C]**
63°F (17°C)	1400	660	47.0	13.8	2.83	.78	.93	1.00	45.0	13.2	3.17	.80	.95	1.00	43.0	12.6	3.57	.81	.97	1.00	41.0	12.0	4.02	.83	1.00	1.00
	1600	755	48.0	14.1	2.85	.82	.98	1.00	46.0	13.5	3.19	.83	1.00	1.00	44.5	13.0	3.58	.85	1.00	1.00	42.5	12.5	4.05	.88	1.00	1.00
	1800	850	49.5	14.5	2.86	.85	1.00	1.00	47.5	13.9	3.21	.87	1.00	1.00	46.0	13.5	3.61	.89	1.00	1.00	44.0	12.9	4.07	.92	1.00	1.00
67°F (19°C)	1400	660	49.5	14.5	2.87	.62	.76	.90	47.5	13.9	3.21	.63	.77	.92	45.5	13.3	3.60	.64	.79	.94	43.5	12.7	4.06	.65	.81	.97
	1600	755	51.0	14.9	2.88	.64	.80	.95	49.0	14.4	3.23	.65	.81	.97	47.0	13.8	3.62	.66	.83	.99	44.5	13.0	4.08	.68	.85	1.00
	1800	850	52.0	15.2	2.90	.66	.83	.99	50.0	14.7	3.24	.68	.85	1.00	47.5	13.9	3.64	.69	.87	1.00	45.0	13.2	4.09	.70	.90	1.00
71°F (22°C)	1400	660	52.0	15.2	2.91	.47	.60	.73	50.5	14.8	3.25	.47	.61	.75	48.0	14.1	3.64	.48	.62	.77	46.0	13.5	4.10	.48	.64	.79
	1600	755	53.5	15.7	2.93	.48	.63	.77	51.5	15.1	3.27	.48	.64	.79	49.5	14.5	3.66	.49	.65	.81	47.0	13.8	4.12	.50	.66	.83
	1800	850	54.5	16.0	2.95	.49	.65	.81	52.5	15.4	3.29	.50	.66	.83	50.5	14.8	3.68	.50	.68	.85	48.0	14.1	4.13	.51	.69	.87
COOLING CAPACITY - 13ACD-048 with TXV																												**[C33-62D]**
63°F (17°C)	1400	660	47.0	13.8	2.82	.77	.90	1.00	45.5	13.3	3.17	.78	.92	1.00	43.5	12.7	3.58	.79	.94	1.00	41.5	12.2	4.05	.82	.97	1.00
	1600	755	48.5	14.2	2.83	.80	.94	1.00	46.5	13.6	3.19	.81	.96	1.00	44.5	13.0	3.59	.83	.98	1.00	42.5	12.5	4.06	.85	1.00	1.00
	1800	850	49.5	14.5	2.85	.83	.98	1.00	47.5	13.9	3.20	.84	1.00	1.00	46.0	13.5	3.60	.86	1.00	1.00	44.0	12.9	4.08	.88	1.00	1.00
67°F (19°C)	1400	660	49.5	14.5	2.85	.61	.74	.87	48.0	14.1	3.20	.62	.76	.88	46.0	13.5	3.60	.63	.77	.91	44.0	12.9	4.08	.64	.79	.93
	1600	755	51.0	14.9	2.86	.63	.77	.91	49.0	14.4	3.22	.64	.79	.93	47.0	13.8	3.62	.65	.81	.95	45.0	13.2	4.10	.67	.83	.98
	1800	850	52.0	15.2	2.88	.65	.80	.95	50.5	14.8	3.23	.66	.82	.97	48.0	14.1	3.64	.68	.84	.99	46.0	13.5	4.10	.69	.86	1.00
71°F (22°C)	1400	660	52.0	15.2	2.88	.47	.60	.72	50.5	14.8	3.24	.48	.61	.73	48.5	14.2	3.64	.48	.62	.75	46.5	13.6	4.11	.49	.63	.77
	1600	755	53.5	15.7	2.90	.48	.62	.75	51.5	15.1	3.25	.49	.63	.77	49.5	14.5	3.66	.49	.64	.78	47.0	13.8	4.12	.50	.65	.80
	1800	850	54.5	16.0	2.92	.49	.64	.78	52.5	15.4	3.27	.50	.65	.80	50.5	14.8	3.67	.50	.66	.82	48.5	14.2	4.14	.51	.68	.84
COOLING CAPACITY - 13ACD-048 with RFC																												**[C33-62D]**
63°F (17°C)	1400	660	46.0	13.5	2.82	.77	.91	1.00	44.5	13.0	3.16	.79	.93	1.00	42.5	12.5	3.56	.80	.95	1.00	40.5	11.9	4.02	.82	.98	1.00
	1600	755	47.5	13.9	2.83	.80	.95	1.00	45.5	13.3	3.18	.82	.98	1.00	44.0	12.9	3.57	.84	.99	1.00	42.0	12.3	4.04	.86	1.00	1.00
	1800	850	48.5	14.2	2.85	.84	.99	1.00	47.0	13.8	3.20	.86	1.00	1.00	45.0	13.2	3.60	.88	1.00	1.00	43.5	12.7	4.06	.90	1.00	1.00
67°F (19°C)	1400	660	48.5	14.2	2.85	.62	.75	.88	47.0	13.8	3.20	.62	.76	.90	45.0	13.2	3.59	.64	.78	.92	43.0	12.6	4.05	.65	.80	.94
	1600	755	50.0	14.7	2.87	.64	.78	.92	48.0	14.1	3.21	.65	.80	.94	46.0	13.5	3.61	.66	.82	.97	44.0	12.9	4.07	.67	.84	.99
	1800	850	51.0	14.9	2.89	.66	.81	.97	49.0	14.4	3.23	.67	.83	.99	47.0	13.8	3.63	.68	.85	1.00	45.0	13.2	4.08	.70	.88	1.00
71°F (22°C)	1400	660	51.5	15.1	2.89	.47	.60	.73	49.5	14.5	3.24	.48	.61	.74	47.5	13.9	3.63	.48	.62	.76	45.5	13.3	4.09	.49	.63	.78
	1600	755	52.5	15.4	2.91	.48	.62	.76	50.5	14.8	3.26	.49	.64	.78	48.5	14.2	3.65	.49	.65	.79	46.5	13.6	4.11	.50	.66	.82
	1800	850	53.5	15.7	2.93	.50	.65	.79	52.0	15.2	3.27	.50	.66	.81	50.0	14.7	3.67	.50	.67	.83	47.5	13.9	4.13	.51	.69	.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

COOLING CAPACITY - 13ACD-048 with TXV [C33-43C + G60UHV-60C-090]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1460	690	46.0	13.5	2.80	.77	.91	1.00	44.0	12.9	3.14	.78	.93	1.00	42.5	12.5	3.54	.80	.95	1.00	40.5	11.9	4.00	.82	.98	1.00
	1635	770	47.0	13.8	2.81	.80	.95	1.00	45.0	13.2	3.16	.81	.97	1.00	43.5	12.7	3.55	.83	.99	1.00	41.0	12.0	4.01	.85	1.00	1.00
	1845	870	48.0	14.1	2.83	.83	.99	1.00	46.0	13.5	3.17	.85	1.00	1.00	44.5	13.0	3.57	.87	1.00	1.00	42.5	12.5	4.03	.89	1.00	1.00
67°F (19°C)	1460	690	48.0	14.1	2.83	.61	.75	.88	46.5	13.6	3.17	.62	.76	.90	44.5	13.0	3.57	.63	.78	.92	42.5	12.5	4.03	.64	.80	.95
	1635	770	49.5	14.5	2.84	.63	.78	.92	47.5	13.9	3.19	.64	.79	.94	45.5	13.3	3.58	.65	.81	.96	43.5	12.7	4.04	.66	.83	.99
	1845	870	50.5	14.8	2.86	.65	.81	.96	48.5	14.2	3.20	.66	.83	.98	46.5	13.6	3.60	.67	.85	1.00	44.5	13.0	4.05	.69	.87	1.00
71°F (22°C)	1460	690	51.0	14.9	2.86	.47	.60	.73	49.0	14.4	3.21	.47	.61	.74	47.0	13.8	3.61	.48	.62	.75	45.0	13.2	4.07	.48	.63	.77
	1635	770	52.0	15.2	2.88	.48	.62	.75	50.0	14.7	3.22	.48	.63	.77	48.0	14.1	3.62	.49	.64	.79	46.0	13.5	4.08	.49	.65	.81
	1845	870	53.0	15.5	2.89	.49	.64	.79	51.0	14.9	3.24	.49	.65	.80	49.0	14.4	3.64	.50	.66	.82	46.5	13.6	4.09	.51	.68	.85

COOLING CAPACITY - 13ACD-048 with RFC [C33-43C + G60UHV-60C-090]

63°F (17°C)	1460	690	45.5	13.3	2.81	.77	.91	1.00	44.0	12.9	3.16	.79	.93	1.00	42.0	12.3	3.55	.80	.96	1.00	40.0	11.7	4.01	.82	.98	1.00
	1635	770	46.5	13.6	2.82	.80	.95	1.00	45.0	13.2	3.17	.82	.97	1.00	43.0	12.6	3.56	.83	.99	1.00	41.0	12.0	4.03	.86	1.00	1.00
	1845	870	47.5	13.9	2.84	.83	.99	1.00	46.0	13.5	3.18	.85	1.00	1.00	44.0	12.9	3.58	.87	1.00	1.00	42.5	12.5	4.05	.89	1.00	1.00
67°F (19°C)	1460	690	48.0	14.1	2.85	.61	.75	.88	46.0	13.5	3.19	.62	.76	.90	44.5	13.0	3.59	.63	.78	.92	42.5	12.5	4.04	.64	.80	.95
	1635	770	49.0	14.4	2.86	.63	.78	.92	47.0	13.8	3.20	.64	.79	.94	45.0	13.2	3.60	.65	.81	.96	43.0	12.6	4.05	.67	.83	.99
	1845	870	50.0	14.7	2.87	.65	.81	.96	48.0	14.1	3.22	.65	.83	.98	46.0	13.5	3.61	.68	.85	1.00	44.0	12.9	4.07	.69	.87	1.00
71°F (22°C)	1460	690	50.5	14.8	2.88	.47	.60	.73	49.0	14.4	3.23	.47	.61	.74	47.0	13.8	3.62	.48	.62	.75	44.5	13.0	4.08	.48	.63	.77
	1635	770	51.5	15.1	2.90	.48	.62	.75	50.0	14.7	3.24	.48	.63	.77	48.0	14.1	3.64	.49	.64	.79	45.5	13.3	4.10	.49	.65	.81
	1845	870	52.5	15.4	2.92	.49	.64	.79	50.5	14.8	3.25	.49	.65	.80	48.5	14.2	3.65	.50	.66	.82	46.5	13.6	4.11	.50	.68	.85

COOLING CAPACITY - 13ACD-048 with TXV [C33-43C + G60UHV-60C-110]

63°F (17°C)	1395	660	45.5	13.3	2.80	.76	.90	1.00	44.0	12.9	3.15	.77	.91	1.00	42.0	12.3	3.55	.79	.94	1.00	40.0	11.7	4.01	.81	.96	1.00
	1600	755	47.0	13.8	2.81	.79	.94	1.00	45.5	13.3	3.16	.80	.96	1.00	43.5	12.7	3.56	.82	.98	1.00	41.5	12.2	4.03	.84	1.00	1.00
	1780	840	48.0	14.1	2.83	.82	.97	1.00	46.5	13.6	3.18	.83	.99	1.00	44.5	13.0	3.58	.85	1.00	1.00	42.5	12.5	4.04	.88	1.00	1.00
67°F (19°C)	1395	660	48.0	14.1	2.83	.61	.74	.86	46.5	13.6	3.18	.61	.75	.88	44.5	13.0	3.58	.62	.76	.90	42.5	12.5	4.04	.63	.78	.93
	1600	755	49.5	14.5	2.84	.63	.77	.90	47.5	13.9	3.19	.63	.78	.92	45.5	13.3	3.59	.65	.80	.95	43.5	12.7	4.06	.66	.82	.97
	1780	840	50.5	14.8	2.86	.64	.80	.94	48.5	14.2	3.20	.63	.81	.96	46.5	13.6	3.61	.67	.83	.99	44.5	13.0	4.07	.68	.85	1.00
71°F (22°C)	1395	660	51.0	14.9	2.86	.47	.59	.72	49.0	14.4	3.21	.47	.60	.73	47.0	13.8	3.61	.47	.61	.74	45.0	13.2	4.08	.48	.62	.76
	1600	755	52.0	15.2	2.88	.48	.61	.74	50.0	14.7	3.23	.48	.62	.76	48.0	14.1	3.63	.48	.63	.78	46.0	13.5	4.09	.49	.65	.80
	1780	840	53.0	15.5	2.89	.49	.63	.77	51.0	14.9	3.24	.49	.64	.79	49.0	14.4	3.64	.50	.65	.81	47.0	13.8	4.11	.50	.67	.83

COOLING CAPACITY - 13ACD-048 with RFC [C33-43C + G60UHV-60C-110]

63°F (17°C)	1395	660	45.0	13.2	2.81	.77	.90	1.00	43.5	12.7	3.15	.78	.92	1.00	41.5	12.2	3.55	.79	.94	1.00	39.5	11.6	4.01	.81	.97	1.00
	1600	755	46.5	13.6	2.82	.80	.94	1.00	44.5	13.0	3.17	.81	.96	1.00	43.0	12.6	3.56	.83	.99	1.00	41.0	12.0	4.02	.85	1.00	1.00
	1780	840	47.5	13.9	2.84	.82	.98	1.00	45.5	13.3	3.18	.84	1.00	1.00	43.5	12.7	3.58	.86	1.00	1.00	42.0	12.3	4.04	.88	1.00	1.00
67°F (19°C)	1395	660	47.5	13.9	2.84	.61	.74	.87	46.0	13.5	3.18	.62	.75	.89	44.0	12.9	3.58	.62	.77	.91	42.0	12.3	4.04	.64	.79	.93
	1600	755	48.5	14.2	2.85	.63	.77	.91	47.0	13.8	3.20	.64	.79	.93	45.0	13.2	3.60	.65	.80	.96	43.0	12.6	4.06	.66	.83	.98
	1780	840	49.5	14.5	2.87	.65	.80	.95	48.0	14.1	3.21	.66	.82	.97	46.0	13.5	3.61	.67	.84	.99	43.5	12.7	4.07	.68	.86	1.00
71°F (22°C)	1395	660	50.5	14.8	2.88	.47	.59	.72	48.5	14.2	3.22	.47	.60	.73	46.5	13.6	3.62	.47	.61	.74	44.5	13.0	4.08	.48	.62	.76
	1600	755	51.5	15.1	2.89	.48	.61	.75	49.5	14.5	3.24	.48	.62	.76	47.5	13.9	3.63	.49	.64	.78	45.5	13.3	4.09	.49	.65	.80
	1780	840	52.5	15.4	2.91	.49	.64	.78	50.5	14.8	3.25	.49	.65	.79	48.5	14.2	3.65	.50	.66	.81	46.5	13.6	4.11	.50	.67	.84

COOLING CAPACITY - 13ACD-048 with TXV [C33-43C + G61MPV-60C-090] [C33-43C + G71MPP-60C-090]

63°F (17°C)	1380	650	46.0	13.5	2.81	.76	.89	1.00	44.5	13.0	3.17	.77	.91	1.00	42.5	12.5	3.58	.78	.93	1.00	40.5	11.9	4.05	.80	.95	1.00
	1605	760	47.5	13.9	2.83	.79	.93	1.00	46.0	13.5	3.19	.80	.96	1.00	44.0	12.9	3.60	.82	.98	1.00	42.0	12.3	4.07	.84	1.00	1.00
	1755	830	48.5	14.2	2.84	.81	.96	1.00	46.5	13.6	3.20	.83	.98	1.00	44.5	13.0	3.61	.85	1.00	1.00	42.5	12.5	4.08	.87	1.00	1.00
67°F (19°C)	1380	650	48.5	14.2	2.84	.60	.73	.86	46.5	13.6	3.19	.61	.74	.87	44.5	13.0	3.60	.62	.76	.89	42.5	12.5	4.08	.63	.78	.92
	1605	760	50.0	14.7	2.86	.63	.77	.90	48.0	14.1	3.21	.64	.78	.92	46.0	13.5	3.62	.64	.80	.94	44.0	12.9	4.09	.66	.82	.97
	1755	830	51.0	14.9	2.87	.62	.79	.93	49.0	14.4	3.22	.66	.80	.95	47.0	13.8	3.63	.66	.82	.98	44.5	13.0	4.11	.67	.84	1.00
71°F (22°C)	1380	650	51.0	14.9	2.87	.47	.59	.71	49.5	14.5	3.23	.47	.60	.72	47.5	13.9	3.64	.47	.61	.74	45.5	13.3	4.11	.48	.62	.75
	1605	760	52.5	15.4	2.89	.48	.61	.74	50.5	14.8	3.25	.48	.62	.76	48.5	14.2	3.66	.49	.63	.77	46.5	13.6	4.13	.49	.64	.79
	1755	830	53.0	15.5	2.89	.49	.63	.76	51.0	14.9	3.25	.49	.64	.78	49.5	14.5	3.67	.49	.65	.80	47.0	13.8	4.14	.50	.66	.82

COOLING CAPACITY - 13ACD-048 with RFC [C33-43C + G61MPV-60C-090] [C33-43C + G71MPP-60C-090]

63°F (17°C)	1380	650	45.0	13.2	2.81	.76	.90	1.00	43.5	12.7	3.15	.78	.92	1.00	41.5	12.2	3.55	.79	.94	1.00	39.5	11.6	4.01	.81	.96	1.00
	1605	760	46.5	13.6	2.82	.80	.95	1.00	45.0	13.2	3.17	.81	.97	1.00	43.0	12.6	3.56	.83	.99	1.00	41.0	12.0	4.02	.85	1.00	1.00
	1755	830	47.5	13.9	2.83	.82	.98	1.00	45.5	13.3	3.18	.84	.99	1.00	43.5	12.7	3.58	.86	1.00	1.00	42.0	12.3	4.04	.88	1.00	1.00
67°F (19°C)	1380	650	47.5	13.9	2.84	.61	.74	.87	46.0	13.5	3.18	.61	.75	.89	44.0	12.9	3.58	.62	.76	.90	42.0	12.3	4.04	.63	.78	.93
	1605	760	49.0	14.4	2.86	.63	.78	.91	47.0	13.8	3.20	.64	.79	.94	45.0	13.2	3.59	.65	.81	.96	43.0	12.6	4.06	.66	.83	.98
	1755	830	49.5	14.5	2.87	.65	.80	.95	47.5	13.9	3.21	.66	.82	.97	46.0	13.5	3.61	.67	.83	.99	43.5	12.7	4.07	.68	.86	1.00
71°F (22°C)	1380	650	50.0	14.7	2.88	.47	.59	.72	48.5	14.2	3.22	.47	.60	.73	46.5	13.6	3.62	.47	.61	.74	44.5	13.0	4.07	.48	.62	.76
	1605	760	51.5	15.1	2.90	.48	.62	.75	49.5	14.5	3.24	.48	.63	.77	47.5	13.9	3.64	.49	.64	.78	45.5	13.3	4.09	.49	.65	.81
	1755	830	52.5	15.4	2.91	.49	.63	.78	50.5	14.8	3.25	.49	.64	.79	48.5	14.2	3.65	.50	.66	.81	46.0	13.5	4.11	.50	.67	.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.

UP-FLOW INDOOR COIL WITH GAS FURNACES

COOLING CAPACITY - 13ACD-048 with TXV

[C33-43C + G61MPV-60C-110]
[C33-43C + G71MPP-60C-110]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	1405	665	45.5	13.3	2.79	.76	.90	1.00	44.0	12.9	3.14	.78	.92	1.00	42.0	12.3	3.53	.79	.94	1.00	40.0	11.7	3.99	.81	.97	1.00
	1605	760	47.0	13.8	2.81	.79	.94	1.00	45.0	13.2	3.15	.81	.96	1.00	43.5	12.7	3.55	.83	.99	1.00	41.0	12.0	4.01	.85	1.00	1.00
	1790	845	48.0	14.1	2.82	.82	.98	1.00	46.0	13.5	3.17	.84	1.00	1.00	44.0	12.9	3.56	.86	1.00	1.00	42.5	12.5	4.02	.88	1.00	1.00
67°F (19°C)	1405	665	48.0	14.1	2.82	.61	.74	.87	46.0	13.5	3.17	.62	.75	.89	44.0	12.9	3.56	.63	.77	.91	42.0	12.3	4.02	.64	.79	.93
	1605	760	49.5	14.5	2.84	.63	.77	.91	47.5	13.9	3.18	.64	.79	.93	45.5	13.3	3.58	.65	.80	.95	43.5	12.7	4.04	.66	.83	.98
	1790	845	50.0	14.7	2.85	.63	.80	.95	48.5	14.2	3.20	.66	.82	.97	46.5	13.6	3.59	.67	.84	.99	44.0	12.9	4.05	.68	.86	1.00
71°F (22°C)	1405	665	50.5	14.8	2.86	.47	.59	.72	48.5	14.2	3.20	.47	.60	.73	46.5	13.6	3.60	.48	.61	.75	45.0	13.2	4.06	.48	.62	.76
	1605	760	52.0	15.2	2.87	.48	.62	.75	50.0	14.7	3.22	.48	.63	.76	48.0	14.1	3.62	.49	.64	.78	46.0	13.5	4.08	.49	.65	.80
	1790	845	52.5	15.4	2.88	.49	.64	.78	51.0	14.9	3.23	.49	.65	.80	49.0	14.4	3.63	.50	.66	.81	46.5	13.6	4.09	.50	.67	.84

COOLING CAPACITY - 13ACD-048 with RFC

[C33-43C + G61MPV-60C-110]
[C33-43C + G71MPP-60C-110]

63°F (17°C)	1405	665	45.0	13.2	2.81	.77	.91	1.00	43.5	12.7	3.15	.78	.92	1.00	42.0	12.3	3.55	.79	.94	1.00	39.5	11.6	4.01	.81	.97	1.00
	1605	760	46.5	13.6	2.82	.80	.95	1.00	45.0	13.2	3.17	.81	.97	1.00	43.0	12.6	3.56	.83	.99	1.00	41.0	12.0	4.02	.85	1.00	1.00
	1790	845	47.5	13.9	2.84	.82	.98	1.00	45.5	13.3	3.18	.84	1.00	1.00	44.0	12.9	3.58	.86	1.00	1.00	42.0	12.3	4.04	.89	1.00	1.00
67°F (19°C)	1405	665	47.5	13.9	2.84	.61	.74	.87	46.0	13.5	3.18	.62	.75	.89	44.0	12.9	3.58	.63	.77	.91	42.0	12.3	4.04	.64	.79	.93
	1605	760	49.0	14.4	2.86	.63	.78	.91	47.0	13.8	3.20	.64	.79	.94	45.0	13.2	3.59	.65	.81	.96	43.0	12.6	4.06	.66	.83	.98
	1790	845	50.0	14.7	2.87	.65	.80	.95	48.0	14.1	3.21	.66	.82	.97	46.0	13.5	3.61	.67	.84	.99	44.0	12.9	4.07	.69	.86	1.00
71°F (22°C)	1405	665	50.5	14.8	2.88	.47	.60	.72	48.5	14.2	3.22	.47	.60	.73	46.5	13.6	3.62	.47	.61	.75	44.5	13.0	4.08	.48	.62	.76
	1605	760	51.5	15.1	2.90	.48	.62	.75	49.5	14.5	3.24	.48	.63	.77	47.5	13.9	3.64	.49	.64	.78	45.5	13.3	4.09	.49	.65	.81
	1790	845	52.5	15.4	2.91	.49	.64	.78	50.5	14.8	3.25	.49	.65	.80	48.5	14.2	3.65	.50	.66	.82	46.5	13.6	4.11	.50	.68	.84

COOLING CAPACITY - 13ACD-048 with TXV

[C33-49C + G60UHV-60C-090]

63°F (17°C)	1460	690	46.0	13.5	2.80	.77	.91	1.00	44.5	13.0	3.14	.79	.93	1.00	42.5	12.5	3.54	.80	.95	1.00	41.0	12.0	4.00	.82	.98	1.00
	1635	770	47.0	13.8	2.81	.80	.95	1.00	45.5	13.3	3.16	.82	.97	1.00	44.0	12.9	3.56	.83	.99	1.00	42.0	12.3	4.01	.86	1.00	1.00
	1845	870	48.5	14.2	2.83	.83	.99	1.00	47.0	13.8	3.18	.85	1.00	1.00	45.0	13.2	3.58	.87	1.00	1.00	43.5	12.7	4.04	.89	1.00	1.00
67°F (19°C)	1460	690	48.5	14.2	2.83	.62	.75	.88	47.0	13.8	3.18	.63	.76	.89	45.0	13.2	3.57	.63	.78	.92	43.0	12.6	4.03	.65	.80	.95
	1635	770	50.0	14.7	2.85	.63	.78	.91	48.0	14.1	3.19	.64	.79	.94	46.0	13.5	3.59	.65	.81	.96	44.0	12.9	4.05	.67	.83	.99
	1845	870	51.0	14.9	2.86	.65	.81	.96	49.0	14.4	3.21	.66	.83	.98	47.0	13.8	3.60	.68	.85	1.00	45.0	13.2	4.06	.69	.87	1.00
71°F (22°C)	1460	690	51.0	14.9	2.87	.47	.60	.73	49.5	14.5	3.21	.47	.61	.74	47.5	13.9	3.61	.48	.62	.76	45.0	13.2	4.07	.48	.63	.78
	1635	770	52.5	15.4	2.88	.48	.62	.76	50.5	14.8	3.23	.49	.63	.77	48.5	14.2	3.63	.49	.64	.79	46.5	13.6	4.08	.50	.66	.81
	1845	870	53.5	15.7	2.90	.49	.64	.79	51.5	15.1	3.25	.50	.65	.81	49.5	14.5	3.64	.50	.67	.82	47.5	13.9	4.10	.51	.68	.85

COOLING CAPACITY - 13ACD-048 with RFC

[C33-49C + G60UHV-60C-090]

63°F (17°C)	1460	690	46.0	13.5	2.82	.78	.92	1.00	44.5	13.0	3.16	.79	.93	1.00	42.5	12.5	3.56	.81	.96	1.00	40.5	11.9	4.02	.82	.98	1.00
	1635	770	47.0	13.8	2.83	.80	.95	1.00	45.5	13.3	3.18	.82	.97	1.00	43.5	12.7	3.57	.84	.99	1.00	41.5	12.2	4.03	.86	1.00	1.00
	1845	870	48.0	14.1	2.85	.84	.99	1.00	46.5	13.6	3.19	.85	1.00	1.00	45.0	13.2	3.59	.87	1.00	1.00	43.0	12.6	4.06	.90	1.00	1.00
67°F (19°C)	1460	690	48.5	14.2	2.85	.62	.75	.88	46.5	13.6	3.19	.63	.77	.90	45.0	13.2	3.59	.64	.78	.93	43.0	12.6	4.05	.65	.80	.95
	1635	770	49.5	14.5	2.87	.64	.78	.92	47.5	13.9	3.21	.64	.80	.94	46.0	13.5	3.61	.66	.81	.97	43.5	12.7	4.07	.67	.84	.99
	1845	870	50.5	14.8	2.88	.64	.81	.96	49.0	14.4	3.23	.67	.83	.99	47.0	13.8	3.62	.68	.85	1.00	44.5	13.0	4.08	.70	.88	1.00
71°F (22°C)	1460	690	51.0	14.9	2.88	.47	.61	.73	49.0	14.4	3.23	.47	.61	.74	47.0	13.8	3.62	.48	.62	.76	45.0	13.2	4.08	.48	.64	.78
	1635	770	52.0	15.2	2.90	.48	.62	.76	50.0	14.7	3.25	.48	.63	.77	48.0	14.1	3.64	.49	.64	.79	46.0	13.5	4.10	.50	.66	.81
	1845	870	53.0	15.5	2.92	.48	.64	.79	51.0	14.9	3.26	.50	.65	.81	49.0	14.4	3.66	.50	.67	.83	47.0	13.8	4.12	.51	.69	.85

COOLING CAPACITY - 13ACD-048 with TXV

[C33-49C + G60UHV-60C-110]

63°F (17°C)	1395	660	46.5	13.6	2.83	.76	.89	1.00	45.0	13.2	3.19	.77	.91	1.00	43.0	12.6	3.61	.79	.93	1.00	41.0	12.0	4.08	.80	.96	1.00
	1600	755	48.0	14.1	2.84	.79	.93	1.00	46.0	13.5	3.20	.80	.95	1.00	44.5	13.0	3.62	.82	.98	1.00	42.5	12.5	4.10	.84	1.00	1.00
	1780	840	49.0	14.4	2.86	.82	.97	1.00	47.5	13.9	3.21	.83	.99	1.00	45.5	13.3	3.63	.85	1.00	1.00	43.5	12.7	4.11	.88	1.00	1.00
67°F (19°C)	1395	660	49.0	14.4	2.86	.61	.74	.86	47.5	13.9	3.21	.62	.75	.88	45.5	13.3	3.63	.62	.76	.90	43.5	12.7	4.11	.64	.78	.92
	1600	755	50.5	14.8	2.87	.63	.77	.90	48.5	14.2	3.23	.64	.78	.92	47.0	13.8	3.64	.65	.80	.94	44.5	13.0	4.12	.66	.82	.97
	1780	840	51.5	15.1	2.89	.65	.79	.94	49.5	14.5	3.24	.65	.81	.96	47.5	13.9	3.66	.67	.83	.98	45.5	13.3	4.14	.68	.85	1.00
71°F (22°C)	1395	660	51.5	15.1	2.88	.47	.59	.71	49.5	14.5	3.24	.47	.60	.73	48.0	14.1	3.65	.47	.61	.74	45.5	13.3	4.14	.48	.62	.76
	1600	755	53.0	15.5	2.90	.48	.61	.74	51.0	14.9	3.26	.48	.62	.76	49.0	14.4	3.68	.49	.63	.77	47.0	13.8	4.15	.49	.65	.79
	1780	840	54.0	15.8	2.92	.49	.63	.77	52.0	15.2	3.28	.49	.64	.79	50.0	14.7	3.69	.50	.65	.81	48.0	14.1	4.17	.50	.67	.83

COOLING CAPACITY - 13ACD-048 with RFC

[C33-49C + G60UHV-60C-110]

63°F (17°C)	1395	660	45.5	13.3	2.81	.77	.90	1.00	44.0	12.9	3.16	.78	.92	1.00	42.0	12.3	3.55	.80	.94	1.00	40.0	11.7	4.01	.81	.97	1.00
	1600	755	46.5	13.6	2.83	.80	.95	1.00	45.0	13.2	3.17	.81	.97	1.00	43.5	12.7	3.57	.83	.99	1.00	41.5	12.2	4.03	.85	1.00	1.00
	1780	840	48.0	14.1	2.84	.83	.98	1.00	46.0	13.5	3.19	.84	1.00	1.00	44.5	13.0	3.59	.86	1.00	1.00	42.5	12.5	4.05	.89	1.00	1.00
67°F (19°C)	1395	660	48.0	14.1	2.84	.61	.74	.87	46.0	13.5	3.19	.62	.76	.89	44.5	13.0	3.59	.63	.77	.91	42.5	12.5	4.05	.64	.79	.94
	1600	755	49.5	14.5	2.86	.63	.77	.91	47.5	13.9	3.21	.64	.79	.93	45.5	13.3	3.60	.65	.81	.96	43.5	12.7	4.06	.67	.83	.98
	1780	840	50.5	14.8	2.88	.65	.77	.95	48.5	14.2	3.22	.64	.82	.97	46.5	13.6	3.62	.67	.84	.99	44.5	13.0	4.08	.69	.87	1.00
71°F (22°C)	1395	660	50.5	14.8	2.88	.47	.60	.72	48.5	14.2	3.22	.47	.61	.73	46.5	13.6	3.62	.48	.62	.75	44.5	13.0	4.07	.48	.63	.77
	1600	755	52.0	15.2	2.90	.48	.62	.75	50.0	14.7	3.24	.48	.63	.77	48.0	14.1	3.64	.49	.64	.79	45.5	13.3	4.09	.49	.65	.81
	1780	840	53.0	15.5	2.92	.49	.64	.75	51.0	14.9	3.25	.49	.65	.80	49.0	14.4	3.66	.50	.66	.82	46.5	13.6	4.12	.51	.68	.84

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

UP-FLOW INDOOR COIL WITH GAS FURNACES

COOLING CAPACITY - 13ACD-048 with TXV

[C33-49C + G61MPV-60C-090]
[C33-49C + G71MPP-60C-090]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	1380	650	46.5	13.6	2.83	.76	.89	1.00	44.5	13.0	3.19	.77	.91	1.00	43.0	12.6	3.60	.78	.93	1.00	41.0	12.0	4.08	.80	.95	1.00
	1605	760	48.0	14.1	2.84	.79	.94	1.00	46.0	13.5	3.20	.81	.95	1.00	44.5	13.0	3.62	.82	.98	1.00	42.5	12.5	4.10	.84	1.00	1.00
	1755	830	49.0	14.4	2.85	.81	.96	1.00	47.0	13.8	3.21	.83	.98	1.00	45.5	13.3	3.63	.85	1.00	1.00	43.5	12.7	4.11	.87	1.00	1.00
67°F (19°C)	1380	650	49.0	14.4	2.86	.61	.73	.86	47.0	13.8	3.21	.61	.75	.87	45.5	13.3	3.63	.62	.76	.91	43.5	12.7	4.11	.63	.78	.92
	1605	760	50.5	14.8	2.87	.63	.77	.90	48.5	14.2	3.23	.64	.78	.92	47.0	13.8	3.64	.65	.80	.95	44.5	13.0	4.12	.66	.82	.97
	1755	830	51.5	15.1	2.88	.64	.79	.93	49.5	14.5	3.24	.65	.81	.96	47.5	13.9	3.66	.67	.83	.98	45.5	13.3	4.14	.68	.85	1.00
71°F (22°C)	1380	650	51.5	15.1	2.88	.47	.59	.71	49.5	14.5	3.24	.47	.60	.72	47.5	13.9	3.66	.47	.61	.74	45.5	13.3	4.14	.48	.62	.76
	1605	760	53.0	15.5	2.91	.48	.62	.75	51.0	14.9	3.26	.49	.63	.76	49.0	14.4	3.68	.49	.64	.78	47.0	13.8	4.16	.49	.65	.80
	1755	830	54.0	15.8	2.91	.49	.63	.77	52.0	15.2	3.28	.49	.64	.79	50.0	14.7	3.69	.50	.65	.80	48.0	14.1	4.17	.50	.67	.82

COOLING CAPACITY - 13ACD-048 with RFC

[C33-49C + G61MPV-60C-090]
[C33-49C + G71MPP-60C-090]

63°F (17°C)	1380	650	45.5	13.3	2.81	.77	.90	1.00	44.0	12.9	3.16	.78	.92	1.00	42.0	12.3	3.55	.79	.94	1.00	40.0	11.7	4.01	.81	.97	1.00
	1605	760	46.5	13.6	2.83	.80	.95	1.00	45.0	13.2	3.17	.82	.97	1.00	43.5	12.7	3.57	.83	.99	1.00	41.5	12.2	4.03	.86	1.00	1.00
	1755	830	48.0	14.1	2.84	.82	.98	1.00	46.0	13.5	3.19	.84	1.00	1.00	44.5	13.0	3.58	.86	1.00	1.00	42.5	12.5	4.05	.88	1.00	1.00
67°F (19°C)	1380	650	48.0	14.1	2.84	.61	.74	.87	46.0	13.5	3.19	.62	.76	.89	44.5	13.0	3.58	.63	.77	.91	42.5	12.5	4.05	.64	.79	.93
	1605	760	49.5	14.5	2.86	.63	.78	.92	47.5	13.9	3.21	.64	.79	.94	45.5	13.3	3.60	.65	.81	.96	43.5	12.7	4.06	.67	.83	.99
	1755	830	50.0	14.7	2.88	.65	.77	.95	48.5	14.2	3.22	.66	.82	.97	46.5	13.6	3.62	.67	.84	.99	44.5	13.0	4.08	.69	.86	1.00
71°F (22°C)	1380	650	50.5	14.8	2.88	.47	.60	.72	48.5	14.2	3.22	.47	.61	.73	46.5	13.6	3.62	.48	.62	.75	44.5	13.0	4.07	.48	.63	.76
	1605	760	52.0	15.2	2.90	.48	.62	.76	50.0	14.7	3.25	.49	.63	.77	48.0	14.1	3.64	.49	.64	.79	45.5	13.3	4.10	.50	.66	.81
	1755	830	52.5	15.4	2.92	.49	.64	.75	51.0	14.9	3.26	.49	.65	.80	49.0	14.4	3.65	.50	.66	.82	46.5	13.6	4.11	.51	.68	.84

COOLING CAPACITY - 13ACD-048 with TXV

[C33-49C + G61MPV-60C-110]
[C33-49C + G71MPP-60C-110]

63°F (17°C)	1380	650	45.5	13.3	2.81	.77	.90	1.00	44.0	12.9	3.16	.78	.92	1.00	42.0	12.3	3.55	.79	.94	1.00	40.0	11.7	4.01	.81	.97	1.00
	1605	760	46.5	13.6	2.83	.80	.95	1.00	45.0	13.2	3.17	.82	.97	1.00	43.5	12.7	3.57	.83	.99	1.00	41.5	12.2	4.03	.86	1.00	1.00
	1755	830	48.0	14.1	2.84	.82	.98	1.00	46.0	13.5	3.19	.84	1.00	1.00	44.5	13.0	3.58	.86	1.00	1.00	42.5	12.5	4.05	.88	1.00	1.00
67°F (19°C)	1380	650	48.0	14.1	2.84	.61	.74	.87	46.0	13.5	3.19	.62	.76	.89	44.5	13.0	3.58	.63	.77	.91	42.5	12.5	4.05	.64	.79	.93
	1605	760	49.5	14.5	2.86	.63	.78	.92	47.5	13.9	3.21	.64	.79	.94	45.5	13.3	3.61	.65	.81	.96	43.5	12.7	4.06	.67	.83	.99
	1755	830	50.0	14.7	2.88	.65	.77	.95	48.5	14.2	3.22	.66	.82	.97	46.5	13.6	3.62	.67	.84	.99	44.5	13.0	4.08	.69	.86	1.00
71°F (22°C)	1380	650	50.5	14.8	2.88	.47	.60	.72	48.5	14.2	3.22	.47	.61	.73	46.5	13.6	3.62	.48	.62	.75	44.5	13.0	4.07	.48	.63	.77
	1605	760	52.0	15.2	2.90	.48	.62	.76	50.0	14.7	3.25	.49	.63	.77	48.0	14.1	3.64	.49	.64	.79	45.5	13.3	4.10	.50	.66	.81
	1755	830	53.0	15.5	2.92	.49	.64	.75	51.0	14.9	3.26	.49	.65	.80	49.0	14.4	3.65	.50	.66	.82	46.5	13.6	4.11	.51	.68	.84

COOLING CAPACITY - 13ACD-048 with TXV

[C33-49C + G61MPV-60C-110]
[C33-49C + G71MPP-60C-110]

63°F (17°C)	1420	670	46.0	13.5	2.80	.77	.90	1.00	44.5	13.0	3.14	.78	.92	1.00	42.5	12.5	3.54	.80	.95	1.00	40.5	11.9	4.00	.82	.97	1.00
	1625	765	47.0	13.8	2.81	.80	.95	1.00	45.5	13.3	3.16	.82	.97	1.00	44.0	12.9	3.56	.83	.99	1.00	42.0	12.3	4.01	.86	1.00	1.00
	1810	855	48.5	14.2	2.83	.83	.98	1.00	47.0	13.8	3.17	.85	1.00	1.00	45.0	13.2	3.57	.86	1.00	1.00	43.0	12.6	4.03	.89	1.00	1.00
67°F (19°C)	1420	670	48.5	14.2	2.83	.61	.75	.87	47.0	13.8	3.17	.62	.76	.89	45.0	13.2	3.57	.63	.77	.92	43.0	12.6	4.03	.64	.79	.94
	1625	765	50.0	14.7	2.85	.63	.78	.92	48.0	14.1	3.19	.64	.79	.94	46.0	13.5	3.59	.65	.81	.96	44.0	12.9	4.05	.67	.83	.99
	1810	855	51.0	14.9	2.86	.65	.81	.95	49.0	14.4	3.21	.66	.82	.97	47.0	13.8	3.60	.68	.84	1.00	45.0	13.2	4.06	.69	.87	1.00
71°F (22°C)	1420	670	51.0	14.9	2.86	.47	.60	.72	49.0	14.4	3.21	.47	.61	.74	47.0	13.8	3.60	.48	.62	.75	45.0	13.2	4.06	.48	.63	.77
	1625	765	52.5	15.4	2.88	.48	.62	.76	50.5	14.8	3.23	.49	.63	.77	48.5	14.2	3.63	.49	.64	.79	46.5	13.6	4.08	.50	.66	.81
	1810	855	53.5	15.7	2.90	.49	.64	.78	51.5	15.1	3.24	.50	.65	.80	49.5	14.5	3.64	.50	.66	.82	47.0	13.8	4.10	.51	.68	.84

COOLING CAPACITY - 13ACD-048 with TXV

[C33-50/60C + G60UHV-60C-090]

63°F (17°C)	1460	690	46.0	13.5	2.79	.77	.91	1.00	44.0	12.9	3.14	.78	.93	1.00	42.0	12.3	3.53	.80	.95	1.00	40.0	11.7	3.99	.81	.97	1.00
	1635	770	47.0	13.8	2.81	.79	.94	1.00	45.0	13.2	3.15	.81	.96	1.00	43.0	12.6	3.55	.83	.98	1.00	41.0	12.0	4.00	.85	1.00	1.00
	1845	870	48.0	14.1	2.82	.83	.98	1.00	46.0	13.5	3.17	.84	1.00	1.00	44.0	12.9	3.56	.86	1.00	1.00	42.5	12.5	4.02	.89	1.00	1.00
67°F (19°C)	1460	690	48.5	14.2	2.83	.61	.74	.87	46.5	13.6	3.17	.62	.76	.89	44.5	13.0	3.57	.63	.77	.91	42.5	12.5	4.03	.64	.79	.94
	1635	770	49.5	14.5	2.84	.63	.77	.91	47.5	13.9	3.19	.64	.79	.93	45.5	13.3	3.58	.65	.80	.95	43.5	12.7	4.04	.66	.82	.98
	1845	870	50.5	14.8	2.86	.65	.80	.95	48.5	14.2	3.20	.66	.82	.97	46.5	13.6	3.59	.67	.84	.99	44.0	12.9	4.05	.68	.86	1.00
71°F (22°C)	1460	690	51.0	14.9	2.86	.47	.60	.72	49.5	14.5	3.21	.47	.61	.73	47.5	13.9	3.61	.48	.61	.75	45.0	13.2	4.07	.48	.63	.77
	1635	770	52.5	15.4	2.88	.48	.61	.75	50.5	14.8	3.23	.48	.62	.76	48.5	14.2	3.62	.48	.63	.78	46.0	13.5	4.08	.49	.65	.80
	1845	870	53.5	15.7	2.89	.49	.64	.78	51.5	15.1	3.24	.49	.65	.80	49.0	14.4	3.64	.50	.66	.82	47.0	13.8	4.10	.50	.67	.84

COOLING CAPACITY - 13ACD-048 with RFC

[C33-50/60C + G60UHV-60C-090]

63°F (17°C)	1460	690	45.5	13.3	2.81	.77	.91	1.00	43.5	12.7	3.15	.78	.93	1.00	42.0	12.3	3.55	.80	.95	1.00	40.0	11.7	4.01	.82	.98	1.00
	1635	770	46.5	13.6	2.82	.80	.95	1.00	44.5	13.0	3.17	.81	.97	1.00	43.0	12.6	3.56	.83	.99	1.00	41.0	12.0	4.02	.85	1.00	1.00
	1845	870	47.5	13.9	2.84	.83	.99	1.00	45.5	13.3	3.18	.84	1.00	1.00	44.0	12.9	3.58	.86	1.00	1.00	42.0	12.3	4.04	.89	1.00	1.00
67°F (19°C)	1460	690	48.0	14.1	2.84	.61	.75	.88	46.5	13.6	3.19	.62	.76	.90	44.5	13.0	3.59	.63	.77	.92	42.5	12.5	4.05	.64	.79	.94
	1635	770	49.0	14.4	2.86	.63	.77	.92	47.5	13.9	3.20	.64	.79	.93	45.5	13.3	3.60	.65	.80	.96	43.0	12.6	4.05	.66	.83	.98
	1845	870	50.0	14.7	2.87	.65	.81	.96	48.0	14.1	3.22	.66	.82	.98	46.0	13.5	3.61	.67	.84	1.00	44.0	12.9	4.07	.69	.87	1.00
71°F (22°C)	1460	690	50.5	14.8	2.89	.47	.60	.72	49.0	14.4	3.23	.47	.61	.74	47.0	13.8	3.63	.48	.62	.75	45.0	13.2	4.08	.48	.63	.77
	1635	770	52.0	15.2	2.90	.48	.62	.75	50.0	14.7	3.24	.48	.62	.77	48.0	14.1	3.64	.48	.63	.78	45.5	13.3	4.09	.49	.65	.80
	1845	870	53.0	15.5	2.92	.49	.64	.79	51.0	14.9	3.26	.49	.65	.80	49.0	14.4	3.66	.50	.66	.82	46.5	13.6	4.11	.50	.68	.84

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

UP-FLOW INDOOR COIL WITH GAS FURNACES

COOLING CAPACITY - 13ACD-048 with TXV [C33-50/60C + G60UHV-60C-110]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	1420	670	45.5	13.3	2.79	.76	.90	1.00	44.0	12.9	3.14	.78	.92	1.00	42.0	12.3	3.53	.79	.94	1.00	40.0	11.7	3.99	.81	.96	1.00
	1600	755	46.5	13.6	2.80	.79	.94	1.00	45.0	13.2	3.15	.80	.96	1.00	43.0	12.6	3.54	.82	.98	1.00	41.0	12.0	4.00	.84	1.00	1.00
	1805	850	48.0	14.1	2.82	.82	.98	1.00	46.0	13.5	3.16	.84	.99	1.00	44.0	12.9	3.56	.85	1.00	1.00	42.0	12.3	4.02	.88	1.00	1.00
67°F (19°C)	1420	670	48.0	14.1	2.83	.61	.74	.87	46.5	13.6	3.17	.62	.75	.88	44.5	13.0	3.56	.63	.77	.91	42.5	12.5	4.02	.63	.78	.93
	1600	755	49.0	14.4	2.84	.63	.77	.90	47.5	13.9	3.18	.63	.78	.92	45.5	13.3	3.58	.64	.80	.95	43.5	12.7	4.04	.66	.82	.97
	1805	850	50.5	14.8	2.85	.64	.80	.95	48.5	14.2	3.20	.66	.82	.97	46.5	13.6	3.59	.67	.83	.99	44.0	12.9	4.05	.68	.86	1.00
71°F (22°C)	1420	670	51.0	14.9	2.86	.47	.59	.72	49.0	14.4	3.21	.47	.60	.73	47.0	13.8	3.60	.47	.61	.74	45.0	13.2	4.06	.48	.62	.76
	1600	755	52.0	15.2	2.88	.48	.61	.74	50.0	14.7	3.22	.48	.62	.76	48.0	14.1	3.62	.48	.63	.77	46.0	13.5	4.08	.49	.64	.79
	1805	850	53.0	15.5	2.89	.49	.63	.78	51.5	15.1	3.24	.49	.64	.79	49.0	14.4	3.63	.49	.65	.81	47.0	13.8	4.09	.50	.67	.83

COOLING CAPACITY - 13ACD-048 with RFC [C33-50/60C + G60UHV-60C-110]

63°F (17°C)	1420	670	45.0	13.2	2.81	.76	.90	1.00	43.5	12.7	3.15	.78	.92	1.00	41.5	12.2	3.55	.79	.94	1.00	39.5	11.6	4.01	.81	.97	1.00
	1600	755	46.0	13.5	2.82	.79	.94	1.00	44.5	13.0	3.16	.81	.96	1.00	42.5	12.5	3.56	.82	.98	1.00	40.5	11.9	4.02	.84	1.00	1.00
	1805	850	47.5	13.9	2.84	.82	.98	1.00	45.5	13.3	3.18	.84	1.00	1.00	43.5	12.7	3.57	.86	1.00	1.00	42.0	12.3	4.04	.88	1.00	1.00
67°F (19°C)	1420	670	47.5	13.9	2.84	.61	.74	.87	46.0	13.5	3.19	.62	.75	.89	44.0	12.9	3.58	.62	.77	.91	42.0	12.3	4.04	.64	.79	.93
	1600	755	49.0	14.4	2.86	.63	.77	.91	47.0	13.8	3.20	.63	.78	.93	45.0	13.2	3.60	.64	.80	.95	43.0	12.6	4.05	.66	.82	.97
	1805	850	50.0	14.7	2.87	.64	.80	.95	48.0	14.1	3.21	.66	.82	.97	46.0	13.5	3.61	.67	.84	.99	44.0	12.9	4.07	.68	.86	1.00
71°F (22°C)	1420	670	50.5	14.8	2.88	.47	.59	.72	48.5	14.2	3.23	.47	.60	.73	47.0	13.8	3.62	.47	.61	.74	44.5	13.0	4.08	.48	.62	.76
	1600	755	51.5	15.1	2.90	.47	.61	.74	50.0	14.7	3.24	.48	.62	.76	48.0	14.1	3.64	.48	.63	.78	45.5	13.3	4.09	.49	.64	.80
	1805	850	53.0	15.5	2.92	.48	.64	.78	51.0	14.9	3.26	.49	.64	.79	49.0	14.4	3.65	.50	.66	.81	46.5	13.6	4.11	.50	.67	.84

COOLING CAPACITY - 13ACD-048 with TXV [C33-50/60C + G61MPV-60C-090] [C33-50/60C + G71MPP-60C-090]

63°F (17°C)	1380	650	45.5	13.3	2.79	.76	.89	1.00	43.5	12.7	3.13	.77	.91	1.00	41.5	12.2	3.53	.78	.93	1.00	40.0	11.7	3.99	.80	.95	1.00
	1605	760	46.5	13.6	2.80	.79	.94	1.00	45.0	13.2	3.15	.80	.96	1.00	43.0	12.6	3.55	.82	.98	1.00	41.0	12.0	4.00	.84	1.00	1.00
	1755	830	47.5	13.9	2.82	.81	.97	1.00	46.0	13.5	3.16	.83	.99	1.00	43.5	12.7	3.56	.85	1.00	1.00	42.0	12.3	4.02	.87	1.00	1.00
67°F (19°C)	1380	650	48.0	14.1	2.82	.61	.73	.86	46.0	13.5	3.17	.61	.75	.88	44.5	13.0	3.56	.62	.76	.90	42.0	12.3	4.02	.63	.78	.92
	1605	760	49.5	14.5	2.84	.63	.77	.91	47.5	13.9	3.18	.64	.78	.93	45.5	13.3	3.58	.65	.80	.95	43.5	12.7	4.04	.66	.82	.97
	1755	830	50.0	14.7	2.85	.64	.79	.94	48.0	14.1	3.19	.65	.81	.96	46.0	13.5	3.59	.66	.83	.98	44.0	12.9	4.05	.68	.85	1.00
71°F (22°C)	1380	650	50.5	14.8	2.86	.47	.59	.71	49.0	14.4	3.20	.47	.60	.72	47.0	13.8	3.60	.47	.61	.74	44.5	13.0	4.06	.48	.62	.75
	1605	760	52.0	15.2	2.88	.48	.61	.75	50.0	14.7	3.23	.48	.62	.76	48.0	14.1	3.62	.48	.63	.78	46.0	13.5	4.08	.49	.65	.80
	1755	830	53.0	15.5	2.89	.49	.63	.77	51.0	14.9	3.24	.49	.64	.79	49.0	14.4	3.63	.49	.65	.81	46.5	13.6	4.09	.50	.66	.83

COOLING CAPACITY - 13ACD-048 with RFC [C33-50/60C + G61MPV-60C-090] [C33-50/60C + G71MPP-60C-090]

63°F (17°C)	1380	650	45.0	13.2	2.80	.76	.90	1.00	43.0	12.6	3.15	.77	.91	1.00	41.5	12.2	3.54	.79	.94	1.00	39.5	11.6	4.00	.80	.96	1.00
	1605	760	46.0	13.5	2.82	.79	.94	1.00	44.5	13.0	3.17	.81	.96	1.00	42.5	12.5	3.56	.82	.98	1.00	40.5	11.9	4.02	.85	1.00	1.00
	1755	830	47.0	13.8	2.83	.82	.97	1.00	45.5	13.3	3.18	.83	.99	1.00	43.5	12.7	3.57	.85	1.00	1.00	41.5	12.2	4.03	.87	1.00	1.00
67°F (19°C)	1380	650	47.5	13.9	2.84	.60	.73	.86	46.0	13.5	3.18	.61	.75	.88	44.0	12.9	3.58	.62	.76	.90	42.0	12.3	4.04	.63	.78	.92
	1605	760	49.0	14.4	2.86	.63	.77	.91	47.0	13.8	3.20	.64	.79	.93	45.0	13.2	3.60	.65	.80	.95	43.0	12.6	4.05	.66	.82	.98
	1755	830	49.5	14.5	2.87	.64	.79	.94	48.0	14.1	3.21	.65	.81	.96	46.0	13.5	3.61	.66	.83	.98	43.5	12.7	4.07	.68	.85	1.00
71°F (22°C)	1380	650	50.5	14.8	2.88	.47	.59	.71	48.5	14.2	3.22	.47	.60	.72	46.5	13.6	3.62	.47	.61	.74	44.5	13.0	4.08	.48	.62	.76
	1605	760	52.0	15.2	2.90	.48	.61	.75	50.0	14.7	3.24	.48	.62	.76	48.0	14.1	3.64	.49	.63	.78	45.5	13.3	4.09	.49	.65	.80
	1755	830	52.5	15.4	2.91	.48	.63	.77	50.5	14.8	3.25	.49	.64	.79	48.5	14.2	3.65	.50	.65	.81	46.0	13.5	4.11	.50	.67	.83

COOLING CAPACITY - 13ACD-048 with TXV [C33-50/60C + G61MPV-60C-110] [C33-50/60C + G71MPP-60C-110]

63°F (17°C)	1405	665	45.5	13.3	2.79	.76	.90	1.00	44.0	12.9	3.13	.77	.91	1.00	42.0	12.3	3.53	.79	.94	1.00	40.0	11.7	3.99	.81	.96	1.00
	1605	760	46.5	13.6	2.80	.79	.94	1.00	45.0	13.2	3.15	.80	.96	1.00	43.0	12.6	3.55	.82	.98	1.00	41.0	12.0	4.00	.84	1.00	1.00
	1790	845	47.5	13.9	2.82	.82	.97	1.00	46.0	13.5	3.16	.84	.99	1.00	44.0	12.9	3.56	.86	1.00	1.00	42.0	12.3	4.02	.88	1.00	1.00
67°F (19°C)	1405	665	48.0	14.1	2.82	.61	.74	.86	46.5	13.6	3.17	.61	.75	.88	44.5	13.0	3.56	.62	.76	.90	42.5	12.5	4.02	.63	.78	.93
	1605	760	49.5	14.5	2.84	.63	.77	.91	47.5	13.9	3.18	.64	.78	.93	45.5	13.3	3.58	.65	.80	.95	43.5	12.7	4.04	.66	.82	.97
	1790	845	50.5	14.8	2.85	.64	.80	.94	48.5	14.2	3.20	.66	.81	.97	46.5	13.6	3.59	.67	.83	.99	44.0	12.9	4.05	.68	.85	1.00
71°F (22°C)	1405	665	51.0	14.9	2.86	.47	.59	.71	49.0	14.4	3.21	.47	.60	.73	47.0	13.8	3.60	.47	.61	.74	45.0	13.2	4.06	.48	.62	.76
	1605	760	52.0	15.2	2.88	.48	.61	.75	50.0	14.7	3.23	.48	.62	.76	48.0	14.1	3.62	.48	.63	.78	46.0	13.5	4.08	.49	.65	.80
	1790	845	53.0	15.5	2.89	.49	.63	.78	51.0	14.9	3.24	.49	.64	.79	49.0	14.4	3.63	.50	.65	.81	46.5	13.6	4.09	.50	.67	.83

COOLING CAPACITY - 13ACD-048 with RFC [C33-50/60C + G61MPV-60C-110] [C33-50/60C + G71MPP-60C-110]

63°F (17°C)	1405	665	45.0	13.2	2.80	.76	.90	1.00	43.5	12.7	3.15	.77	.92	1.00	41.5	12.2	3.55	.79	.94	1.00	39.5	11.6	4.00	.81	.96	1.00
	1605	760	46.5	13.6	2.82	.79	.94	1.00	44.5	13.0	3.17	.81	.96	1.00	42.5	12.5	3.56	.82	.98	1.00	40.5	11.9	4.02	.85	1.00	1.00
	1790	845	47.5	13.9	2.83	.82	.98	1.00	45.5	13.3	3.18	.84	1.00	1.00	43.5	12.7	3.57	.86	1.00	1.00	42.0	12.3	4.04	.88	1.00	1.00
67°F (19°C)	1405	665	47.5	13.9	2.84	.61	.74	.87	46.0	13.5	3.18	.61	.75	.89	44.0	12.9	3.58	.62	.77	.91	42.0	12.3	4.04	.63	.78	.93
	1605	760	49.0	14.4	2.86	.63	.77	.91	47.0	13.8	3.20	.64	.79	.93	45.0	13.2	3.60	.65	.80	.95	43.0	12.6	4.05	.66	.82	.98
	1790	845	50.0	14.7	2.87	.64	.80	.95	48.0	14.1	3.21	.66	.82	.97	46.0	13.5	3.61	.67	.83	.99	44.0	12.9	4.07	.68	.86	1.00
71°F (22°C)	1405	665	50.5	14.8	2.88	.47	.59	.72	48.5	14.2	3.22	.47	.60	.73	46.5	13.6	3.62	.47	.61	.74	44.5	13.0	4.08	.48	.62	.76
	1605	760	52.0	15.2	2.90	.48	.61	.75	50.0	14.7	3.24	.48	.62	.76	48.0	14.1	3.64	.49	.63	.78	45.5	13.3	4.09	.49	.65	.80
	1790	845	52.5	15.4	2.91	.49	.63	.78	51.0	14.9	3.26	.49	.65	.79	48.5	14.2	3.65	.50	.66	.81	46.5	13.6	4.11	.50	.67	.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.

UP-FLOW INDOOR COIL WITH GAS FURNACES

COOLING CAPACITY - 13ACD-048 with TXV [C33-60D + G60UHV-60D-135]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1370	645	45.5	13.3	2.79	.76	.90	1.00	44.0	12.9	3.14	.77	.91	1.00	42.0	12.3	3.53	.79	.93	1.00	40.0	11.7	3.99	.81	.96	1.00
	1575	745	47.0	13.8	2.81	.79	.94	1.00	45.0	13.2	3.15	.81	.96	1.00	43.5	12.7	3.55	.82	.98	1.00	41.0	12.0	4.01	.84	1.00	1.00
	1745	825	48.0	14.1	2.82	.82	.97	1.00	46.0	13.5	3.17	.83	.99	1.00	44.0	12.9	3.56	.85	1.00	1.00	42.5	12.5	4.02	.88	1.00	1.00
67°F (19°C)	1370	645	48.0	14.1	2.82	.61	.74	.86	46.0	13.5	3.17	.61	.75	.88	44.5	13.0	3.56	.62	.76	.90	42.5	12.5	4.02	.63	.78	.93
	1575	745	49.5	14.5	2.84	.63	.77	.91	47.5	13.9	3.19	.64	.78	.93	45.5	13.3	3.58	.65	.80	.95	43.5	12.7	4.04	.66	.82	.98
	1745	825	50.5	14.8	2.85	.65	.80	.95	48.5	14.2	3.20	.66	.81	.97	46.5	13.6	3.59	.67	.83	.99	44.0	12.9	4.05	.68	.85	1.00
71°F (22°C)	1370	645	50.5	14.8	2.86	.46	.59	.71	49.0	14.4	3.20	.47	.60	.73	47.0	13.8	3.60	.47	.60	.74	45.0	13.2	4.06	.47	.62	.76
	1575	745	52.0	15.2	2.88	.47	.61	.75	50.0	14.7	3.22	.48	.62	.76	48.0	14.1	3.62	.48	.63	.78	46.0	13.5	4.08	.49	.65	.80
	1745	825	53.0	15.5	2.89	.48	.63	.78	51.0	14.9	3.24	.49	.64	.79	49.0	14.4	3.63	.49	.65	.81	46.5	13.6	4.09	.50	.67	.83

COOLING CAPACITY - 13ACD-048 with RFC [C33-60D + G60UHV-60D-135]

63°F (17°C)	1370	645	45.0	13.2	2.81	.76	.90	1.00	43.5	12.7	3.15	.78	.92	1.00	41.5	12.2	3.55	.79	.94	1.00	39.5	11.6	4.01	.81	.96	1.00
	1575	745	46.5	13.6	2.82	.79	.94	1.00	45.0	13.2	3.17	.81	.96	1.00	43.0	12.6	3.56	.83	.99	1.00	41.0	12.0	4.02	.85	1.00	1.00
	1745	825	47.5	13.9	2.84	.82	.98	1.00	45.5	13.3	3.18	.84	1.00	1.00	44.0	12.9	3.58	.86	1.00	1.00	42.0	12.3	4.04	.88	1.00	1.00
67°F (19°C)	1370	645	47.5	13.9	2.84	.61	.74	.87	46.0	13.5	3.18	.61	.75	.88	44.0	12.9	3.58	.62	.77	.90	42.0	12.3	4.04	.63	.78	.93
	1575	745	49.0	14.4	2.86	.63	.77	.91	47.0	13.8	3.20	.64	.79	.93	45.0	13.2	3.60	.65	.80	.95	43.0	12.6	4.05	.65	.82	.98
	1745	825	50.0	14.7	2.87	.65	.80	.95	48.0	14.1	3.21	.65	.82	.97	46.0	13.5	3.61	.66	.83	.99	44.0	12.9	4.07	.68	.86	1.00
71°F (22°C)	1370	645	50.5	14.8	2.88	.46	.59	.72	48.5	14.2	3.22	.47	.60	.73	46.5	13.6	3.62	.47	.61	.74	44.5	13.0	4.07	.48	.62	.76
	1575	745	51.5	15.1	2.90	.47	.61	.75	49.5	14.5	3.24	.48	.62	.76	48.0	14.1	3.64	.48	.63	.78	45.5	13.3	4.09	.49	.65	.80
	1745	825	52.5	15.4	2.91	.48	.63	.78	50.5	14.8	3.26	.49	.64	.79	48.5	14.2	3.65	.49	.66	.81	46.5	13.6	4.11	.50	.67	.84

COOLING CAPACITY - 13ACD-048 with TXV [C33-60D + G61MPV-60D-135] [C33-60D + G71MPP-60D-135]

63°F (17°C)	1400	660	46.0	13.5	2.80	.76	.90	1.00	44.5	13.0	3.15	.78	.92	1.00	42.5	12.5	3.55	.79	.94	1.00	40.5	11.9	4.01	.81	.97	1.00
	1600	755	47.5	13.9	2.82	.80	.94	1.00	45.5	13.3	3.16	.81	.96	1.00	43.5	12.7	3.57	.83	.98	1.00	41.5	12.2	4.03	.85	1.00	1.00
	1780	840	48.5	14.2	2.83	.82	.98	1.00	46.5	13.6	3.18	.84	1.00	1.00	44.5	13.0	3.58	.86	1.00	1.00	43.0	12.6	4.05	.88	1.00	1.00
67°F (19°C)	1400	660	48.5	14.2	2.83	.61	.74	.87	46.5	13.6	3.18	.62	.75	.89	45.0	13.2	3.58	.62	.77	.91	42.5	12.5	4.04	.63	.79	.93
	1600	755	50.0	14.7	2.85	.63	.77	.91	48.0	14.1	3.20	.64	.79	.93	46.0	13.5	3.60	.65	.81	.96	44.0	12.9	4.06	.66	.83	.98
	1780	840	51.0	14.9	2.86	.65	.80	.95	49.0	14.4	3.21	.66	.82	.97	47.0	13.8	3.61	.67	.84	.99	44.5	13.0	4.07	.68	.86	1.00
71°F (22°C)	1400	660	51.5	15.1	2.87	.47	.59	.72	49.5	14.5	3.22	.47	.60	.73	47.5	13.9	3.62	.47	.61	.75	45.5	13.3	4.08	.48	.62	.76
	1600	755	52.5	15.4	2.88	.48	.62	.75	50.5	14.8	3.23	.48	.63	.77	48.5	14.2	3.63	.49	.63	.78	46.5	13.6	4.10	.49	.65	.80
	1780	840	53.5	15.7	2.90	.49	.64	.78	51.5	15.1	3.25	.49	.65	.80	49.5	14.5	3.65	.50	.66	.82	47.0	13.8	4.11	.50	.67	.84

COOLING CAPACITY - 13ACD-048 with RFC [C33-60D + G61MPV-60D-135] [C33-60D + G71MPP-60D-135]

63°F (17°C)	1400	660	45.5	13.3	2.81	.77	.91	1.00	43.5	12.7	3.15	.78	.92	1.00	42.0	12.3	3.55	.80	.95	1.00	40.0	11.7	4.01	.81	.97	1.00
	1600	755	46.5	13.6	2.83	.80	.95	1.00	45.0	13.2	3.17	.81	.97	1.00	43.0	12.6	3.56	.83	.99	1.00	41.0	12.0	4.02	.85	1.00	1.00
	1780	840	47.5	13.9	2.84	.83	.99	1.00	46.0	13.5	3.18	.85	1.00	1.00	44.0	12.9	3.58	.87	1.00	1.00	42.5	12.5	4.05	.89	1.00	1.00
67°F (19°C)	1400	660	48.0	14.1	2.84	.61	.75	.87	46.0	13.5	3.19	.62	.76	.89	44.0	12.9	3.58	.63	.77	.91	42.0	12.3	4.04	.64	.79	.94
	1600	755	49.0	14.4	2.86	.63	.78	.92	47.5	13.9	3.20	.64	.79	.94	45.5	13.3	3.60	.65	.81	.96	43.0	12.6	4.05	.65	.83	.99
	1780	840	50.0	14.7	2.88	.65	.81	.96	48.5	14.2	3.22	.66	.82	.98	46.0	13.5	3.61	.67	.84	1.00	44.0	12.9	4.07	.69	.87	1.00
71°F (22°C)	1400	660	50.5	14.8	2.88	.47	.60	.72	49.0	14.4	3.23	.47	.60	.74	47.0	13.8	3.62	.47	.61	.75	44.5	13.0	4.08	.48	.62	.77
	1600	755	52.0	15.2	2.90	.48	.62	.76	50.0	14.7	3.24	.48	.63	.77	48.0	14.1	3.64	.48	.64	.79	45.5	13.3	4.10	.49	.65	.81
	1780	840	53.0	15.5	2.92	.49	.64	.79	51.0	14.9	3.26	.49	.65	.80	48.5	14.2	3.65	.50	.66	.82	46.5	13.6	4.11	.50	.68	.85

COOLING CAPACITY - 13ACD-048 with TXV [C33-62C + G60UHV-60C-090]

63°F (17°C)	1460	690	47.5	13.9	2.82	.78	.94	1.00	45.5	13.3	3.16	.80	.96	1.00	43.5	12.7	3.56	.82	.98	1.00	41.5	12.2	4.01	.84	1.00	1.00
	1635	770	48.5	14.2	2.83	.82	.98	1.00	46.5	13.6	3.17	.83	1.00	1.00	45.0	13.2	3.57	.85	1.00	1.00	43.0	12.6	4.03	.88	1.00	1.00
	1845	870	50.0	14.7	2.85	.85	1.00	1.00	48.5	14.2	3.20	.87	1.00	1.00	46.5	13.6	3.59	.90	1.00	1.00	44.5	13.0	4.05	.92	1.00	1.00
67°F (19°C)	1460	690	50.0	14.7	2.85	.62	.77	.91	48.5	14.2	3.20	.62	.78	.92	46.5	13.6	3.59	.64	.79	.95	44.0	12.9	4.05	.65	.81	.98
	1635	770	51.5	15.1	2.87	.64	.80	.95	49.5	14.5	3.21	.65	.81	.97	47.5	13.9	3.61	.66	.83	.99	45.0	13.2	4.06	.67	.85	1.00
	1845	870	52.5	15.4	2.88	.67	.84	.99	50.5	14.8	3.22	.68	.85	1.00	48.0	14.1	3.62	.69	.88	1.00	46.0	13.5	4.08	.70	.90	1.00
71°F (22°C)	1460	690	53.0	15.5	2.89	.47	.61	.74	51.0	14.9	3.24	.47	.61	.76	49.0	14.4	3.63	.47	.62	.77	46.5	13.6	4.09	.48	.64	.79
	1635	770	54.0	15.8	2.91	.48	.63	.77	52.0	15.2	3.25	.48	.64	.79	50.0	14.7	3.65	.49	.65	.81	47.5	13.9	4.10	.49	.66	.83
	1845	870	55.0	16.1	2.92	.49	.66	.82	53.0	15.5	3.27	.50	.66	.83	51.0	14.9	3.66	.50	.68	.85	48.5	14.2	4.12	.51	.70	.88

COOLING CAPACITY - 13ACD-048 with RFC [C33-62C + G60UHV-60C-090]

63°F (17°C)	1345	635	46.5	13.6	2.82	.77	.91	1.00	44.5	13.0	3.17	.78	.93	1.00	42.5	12.5	3.56	.80	.95	1.00	40.5	11.9	4.02	.82	.98	1.00
	1520	715	47.5	13.9	2.84	.80	.96	1.00	45.5	13.3	3.18	.81	.98	1.00	43.5	12.7	3.57	.83	1.00	1.00	41.5	12.2	4.04	.85	1.00	1.00
	1730	815	48.5	14.2	2.86	.84	1.00	1.00	47.0	13.8	3.20	.86	1.00	1.00	45.5	13.3	3.60	.88	1.00	1.00	43.5	12.7	4.06	.90	1.00	1.00
67°F (19°C)	1345	635	49.0	14.4	2.86	.61	.74	.88	47.0	13.8	3.20	.61	.76	.90	45.0	13.2	3.60	.62	.77	.92	43.0	12.6	4.05	.64	.79	.95
	1520	715	50.5	14.8	2.88	.62	.77	.92	48.5	14.2	3.22	.63	.79	.94	46.0	13.5	3.61	.64	.81	.97	44.0	12.9	4.07	.66	.83	.99
	1730	815	51.5	15.1	2.90	.65	.82	.98	49.5	14.5	3.24	.66	.83	1.00	47.5	13.9	3.63	.68	.85	1.00	45.0	13.2	4.09	.69	.88	1.00
71°F (22°C)	1345	635	51.5	15.1	2.90	.46	.59	.72	50.0	14.7	3.24	.46	.60	.73	47.5	13.9	3.63	.47	.61	.75	45.5	13.3	4.09	.47	.62	.77
	1520	715	53.0	15.5	2.92	.47	.61	.75	51.0	14.9	3.26	.47	.62	.77	49.0	14.4	3.65	.48	.63	.78	46.5	13.6	4.11	.48	.65	.80
	1730	815	54.5	16.0	2.94	.48	.64	.80	52.0	15.2	3.28	.49	.65	.81	50.0	14.7	3.67	.49	.67	.83	47.5	13.9	4.13	.50	.68	.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.

UP-FLOW INDOOR COIL WITH GAS FURNACES

COOLING CAPACITY - 13ACD-048 with TXV

[C33-62C + G60UHV-60C-110]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	1400	660	45.5	13.3	2.79	.78	.92	1.00	44.0	12.9	3.14	.79	.94	1.00	42.0	12.3	3.53	.81	.96	1.00	40.0	11.7	3.99	.83	.98	1.00
	1600	755	46.5	13.6	2.80	.81	.96	1.00	45.0	13.2	3.15	.83	.98	1.00	43.0	12.6	3.55	.85	.99	1.00	41.0	12.0	4.01	.87	1.00	1.00
	1780	840	47.5	13.9	2.82	.84	.99	1.00	46.0	13.5	3.16	.86	1.00	1.00	44.5	13.0	3.56	.88	1.00	1.00	42.5	12.5	4.02	.91	1.00	1.00
67°F (19°C)	1400	660	48.0	14.1	2.82	.61	.75	.89	46.5	13.6	3.17	.62	.77	.91	44.5	13.0	3.57	.63	.78	.93	42.5	12.5	4.02	.64	.80	.95
	1600	755	49.5	14.5	2.84	.64	.79	.93	47.5	13.9	3.19	.64	.80	.95	45.5	13.3	3.58	.65	.82	.97	43.5	12.7	4.04	.67	.85	.99
	1780	840	50.0	14.7	2.85	.66	.82	.97	48.5	14.2	3.20	.67	.84	.98	46.5	13.6	3.59	.68	.86	.99	44.0	12.9	4.05	.70	.88	1.00
71°F (22°C)	1400	660	50.5	14.8	2.86	.46	.60	.73	49.0	14.4	3.20	.46	.61	.74	47.0	13.8	3.60	.47	.62	.76	45.0	13.2	4.06	.48	.63	.78
	1600	755	52.0	15.2	2.87	.48	.63	.76	50.0	14.7	3.22	.48	.63	.78	48.0	14.1	3.62	.48	.65	.80	46.0	13.5	4.08	.49	.66	.82
	1780	840	53.0	15.5	2.89	.49	.65	.79	51.0	14.9	3.24	.49	.66	.81	49.0	14.4	3.63	.50	.67	.84	46.5	13.6	4.09	.51	.68	.86

COOLING CAPACITY - 13ACD-048 with RFC

[C33-62C + G60UHV-60C-110]

63°F (17°C)	1420	670	47.0	13.8	2.81	.78	.93	1.00	45.5	13.3	3.16	.79	.95	1.00	43.5	12.7	3.55	.81	.97	1.00	41.5	12.2	4.01	.83	1.00	1.00
	1600	755	48.5	14.2	2.83	.81	.97	1.00	46.5	13.6	3.17	.83	.99	1.00	44.5	13.0	3.57	.85	1.00	1.00	42.5	12.5	4.03	.87	1.00	1.00
	1805	850	49.5	14.5	2.84	.85	1.00	1.00	48.0	14.1	3.19	.87	1.00	1.00	46.0	13.5	3.59	.89	1.00	1.00	44.0	12.9	4.05	.92	1.00	1.00
67°F (19°C)	1420	670	50.0	14.7	2.85	.61	.76	.90	48.0	14.1	3.19	.62	.77	.92	46.0	13.5	3.59	.63	.79	.94	44.0	12.9	4.04	.64	.81	.97
	1600	755	51.0	14.9	2.86	.64	.79	.94	49.0	14.4	3.21	.65	.80	.96	47.0	13.8	3.60	.66	.82	.98	45.0	13.2	4.06	.67	.85	1.00
	1805	850	52.0	15.2	2.88	.66	.83	.99	50.5	14.8	3.22	.67	.85	1.00	48.0	14.1	3.62	.68	.87	1.00	45.5	13.3	4.07	.70	.89	1.00
71°F (22°C)	1420	670	52.5	15.4	2.89	.47	.60	.74	50.5	14.8	3.23	.47	.61	.75	48.5	14.2	3.63	.47	.62	.76	46.5	13.6	4.08	.48	.63	.78
	1600	755	54.0	15.8	2.90	.48	.63	.77	52.0	15.2	3.25	.48	.64	.78	49.5	14.5	3.64	.48	.64	.80	47.5	13.9	4.10	.49	.66	.82
	1805	850	55.0	16.1	2.92	.49	.65	.81	53.0	15.5	3.27	.50	.66	.82	50.5	14.8	3.66	.50	.67	.84	48.5	14.2	4.11	.51	.69	.87

COOLING CAPACITY - 13ACD-048 with TXV

[C33-62C + G61MPV-60C-090]
[C33-62C + G71MPP-60C-090]

63°F (17°C)	1380	650	47.0	13.8	2.81	.77	.92	1.00	45.0	13.2	3.15	.79	.94	1.00	43.0	12.6	3.55	.80	.96	1.00	41.0	12.0	4.00	.82	.99	1.00
	1605	760	48.5	14.2	2.83	.82	.97	1.00	46.5	13.6	3.17	.83	.99	1.00	44.5	13.0	3.57	.85	1.00	1.00	42.5	12.5	4.03	.87	1.00	1.00
	1755	830	49.5	14.5	2.84	.84	1.00	1.00	47.5	13.9	3.19	.86	1.00	1.00	46.0	13.5	3.59	.88	1.00	1.00	44.0	12.9	4.04	.91	1.00	1.00
67°F (19°C)	1380	650	50.0	14.7	2.84	.61	.75	.89	48.0	14.1	3.19	.62	.76	.91	46.0	13.5	3.58	.63	.78	.93	43.5	12.7	4.04	.64	.80	.95
	1605	760	51.0	14.9	2.86	.64	.79	.94	49.0	14.4	3.21	.65	.81	.96	47.0	13.8	3.61	.66	.83	.99	45.0	13.2	4.06	.67	.85	1.00
	1755	830	52.0	15.2	2.88	.66	.82	.98	50.0	14.7	3.22	.67	.84	1.00	48.0	14.1	3.61	.68	.86	1.00	45.5	13.3	4.07	.69	.89	1.00
71°F (22°C)	1380	650	52.5	15.4	2.88	.47	.60	.73	50.5	14.8	3.23	.47	.60	.74	48.5	14.2	3.62	.47	.61	.75	46.0	13.5	4.08	.48	.63	.77
	1605	760	54.0	15.8	2.90	.48	.63	.77	52.0	15.2	3.25	.49	.64	.79	50.0	14.7	3.64	.49	.65	.80	47.5	13.9	4.10	.49	.66	.82
	1755	830	54.5	16.0	2.92	.49	.65	.80	52.5	15.4	3.26	.50	.66	.82	50.5	14.8	3.66	.50	.67	.83	48.0	14.1	4.11	.50	.68	.86

COOLING CAPACITY - 13ACD-048 with RFC

[C33-62C + G61MPV-60C-090]
[C33-62C + G71MPP-60C-090]

63°F (17°C)	1380	650	46.5	13.6	2.83	.77	.92	1.00	45.0	13.2	3.17	.79	.94	1.00	43.0	12.6	3.56	.80	.96	1.00	40.5	11.9	4.02	.82	.99	1.00
	1605	760	48.0	14.1	2.85	.82	.98	1.00	46.0	13.5	3.19	.83	1.00	1.00	44.5	13.0	3.58	.85	1.00	1.00	42.5	12.5	4.05	.88	1.00	1.00
	1755	830	49.0	14.4	2.86	.85	1.00	1.00	47.5	13.9	3.20	.86	1.00	1.00	45.5	13.3	3.60	.88	1.00	1.00	43.5	12.7	4.06	.91	1.00	1.00
67°F (19°C)	1380	650	49.5	14.5	2.86	.61	.75	.89	47.5	13.9	3.21	.62	.76	.91	45.5	13.3	3.60	.63	.78	.93	43.0	12.6	4.06	.64	.80	.96
	1605	760	51.0	14.9	2.88	.64	.79	.95	49.0	14.4	3.23	.65	.81	.97	46.5	13.6	3.62	.66	.83	.99	44.5	13.0	4.08	.67	.85	1.00
	1755	830	51.5	15.1	2.90	.66	.82	.98	49.5	14.5	3.24	.67	.84	1.00	47.5	13.9	3.63	.68	.86	1.00	45.0	13.2	4.09	.70	.89	1.00
71°F (22°C)	1380	650	52.0	15.2	2.90	.46	.60	.73	50.0	14.7	3.24	.47	.60	.74	48.0	14.1	3.64	.47	.62	.76	45.5	13.3	4.10	.48	.63	.78
	1605	760	53.5	15.7	2.93	.48	.62	.77	51.5	15.1	3.27	.48	.63	.79	49.5	14.5	3.66	.49	.65	.80	47.0	13.8	4.12	.49	.66	.83
	1755	830	54.5	16.0	2.94	.49	.65	.80	52.5	15.4	3.29	.49	.66	.82	50.0	14.7	3.68	.50	.67	.84	47.5	13.9	4.13	.50	.69	.86

COOLING CAPACITY - 13ACD-048 with TXV

[C33-62C + G61MPV-60C-110]
[C33-62C + G71MPP-60C-110]

63°F (17°C)	1375	650	47.0	13.8	2.81	.77	.92	1.00	45.0	13.2	3.15	.78	.94	1.00	43.0	12.6	3.55	.80	.96	1.00	41.0	12.0	4.00	.82	.99	1.00
	1580	745	48.5	14.2	2.83	.81	.97	1.00	46.5	13.6	3.17	.83	.99	1.00	44.5	13.0	3.56	.84	1.00	1.00	42.5	12.5	4.03	.87	1.00	1.00
	1765	835	49.5	14.5	2.84	.84	1.00	1.00	47.5	13.9	3.19	.86	1.00	1.00	46.0	13.5	3.59	.88	1.00	1.00	44.0	12.9	4.05	.91	1.00	1.00
67°F (19°C)	1375	650	49.5	14.5	2.84	.61	.75	.88	48.0	14.1	3.19	.62	.76	.90	46.0	13.5	3.58	.63	.78	.92	43.5	12.7	4.04	.64	.80	.95
	1580	745	51.0	14.9	2.86	.64	.79	.94	49.0	14.4	3.21	.64	.80	.96	47.0	13.8	3.60	.65	.82	.98	44.5	13.0	4.06	.67	.84	1.00
	1765	835	52.0	15.2	2.88	.66	.82	.98	50.0	14.7	3.22	.67	.84	1.00	48.0	14.1	3.62	.68	.86	1.00	45.5	13.3	4.07	.70	.89	1.00
71°F (22°C)	1375	650	52.5	15.4	2.88	.47	.60	.73	50.5	14.8	3.23	.47	.60	.74	48.5	14.2	3.62	.47	.61	.75	46.0	13.5	4.08	.48	.63	.77
	1580	745	53.5	15.7	2.90	.48	.62	.77	51.5	15.1	3.25	.48	.63	.78	49.5	14.5	3.64	.48	.64	.80	47.5	13.9	4.10	.49	.66	.82
	1765	835	55.0	16.1	2.92	.49	.65	.80	52.5	15.4	3.26	.50	.66	.82	50.5	14.8	3.66	.50	.67	.84	48.0	14.1	4.11	.50	.69	.86

COOLING CAPACITY - 13ACD-048 with RFC

[C33-62C + G61MPV-60C-110]
[C33-62C + G71MPP-60C-110]

63°F (17°C)	1405	665	46.5	13.6	2.83	.78	.93	1.00	45.0	13.2	3.17	.79	.95	1.00	43.0	12.6	3.57	.81	.97	1.00	41.0	12.0	4.02	.83	.99	1.00
	1605	760	48.0	14.1	2.85	.82	.98	1.00	46.0	13.5	3.19	.83	1.00	1.00	44.5	13.0	3.58	.85	1.00	1.00	42.5	12.5	4.05	.88	1.00	1.00
	1790	845	49.0	14.4	2.86	.85	1.00	1.00	47.5	13.9	3.21	.87	1.00	1.00	46.0	13.5	3.60	.89	1.00	1.00	44.0	12.9	4.06	.92	1.00	1.00
67°F (19°C)	1405	665	49.5	14.5	2.87	.61	.75	.89	47.5	13.9	3.21	.62	.77	.91	45.5	13.3	3.60	.63	.78	.94	43.5	12.7	4.06	.64	.80	.96
	1605	760	51.0	14.9	2.88	.64	.79	.95	49.0	14.4	3.23	.65	.81	.97	46.5	13.6	3.62	.66	.83	.99	44.5	13.0	4.08	.67	.85	1.00
	1790	845	51.5	15.1	2.90	.66	.83	.99	50.0	14.7	3.24	.67	.85	1.00	47.5	13.9	3.63	.68	.87	1.00	45.0	13.2	4.09	.70	.89	1.00
71°F (22°C)	1405	665	52.0	15.2	2.91	.46	.60	.73	50.0	14.7	3.25	.47	.61	.74	48.0	14.1	3.64	.47	.62	.76	46.0	13.5	4.10	.48	.63	.78
	1605	760	53.5	15.7	2.93	.48	.62	.77	51.5	15.1	3.27	.48	.63	.79	49.5	14.5	3.66	.49	.65	.80	47.0	13.8	4.12	.49	.66	.83
	1790	845	54.5	16.0	2.95	.49	.65	.81	52.5	15.4	3.29	.49	.66	.83	50.5	14.8	3.68	.50	.67	.85	48.0	14.1	4.13	.51	.69	.87

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

UP-FLOW INDOOR COIL WITH GAS FURNACES

COOLING CAPACITY - 13ACD-048 with TXV [C33-62D + G60UHV-60D-135]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	1430	675	47.0	13.8	2.81	.77	.90	1.00	45.0	13.2	3.16	.78	.92	1.00	43.0	12.6	3.56	.80	.94	1.00	41.0	12.0	4.02	.82	.97	1.00
	1575	745	47.5	13.9	2.82	.79	.93	1.00	46.0	13.5	3.17	.81	.96	1.00	44.0	12.9	3.57	.82	.98	1.00	42.0	12.3	4.03	.84	1.00	1.00
	1695	800	48.5	14.2	2.83	.81	.96	1.00	46.5	13.6	3.18	.83	.98	1.00	45.0	13.2	3.58	.84	1.00	1.00	43.0	12.6	4.05	.87	1.00	1.00
67°F (19°C)	1430	675	49.5	14.5	2.84	.61	.74	.87	47.5	13.9	3.19	.62	.76	.89	45.5	13.3	3.59	.62	.77	.91	43.5	12.7	4.06	.64	.79	.94
	1575	745	50.5	14.8	2.85	.63	.77	.90	48.5	14.2	3.20	.63	.78	.92	46.5	13.6	3.60	.64	.80	.95	44.5	13.0	4.07	.66	.82	.97
	1695	800	51.0	14.9	2.86	.64	.79	.93	49.5	14.5	3.21	.65	.80	.95	47.5	13.9	3.61	.66	.82	.97	45.0	13.2	4.07	.67	.84	1.00
71°F (22°C)	1430	675	52.0	15.2	2.88	.47	.60	.72	50.0	14.7	3.23	.47	.61	.73	48.0	14.1	3.63	.47	.62	.75	46.0	13.5	4.09	.48	.63	.77
	1575	745	53.0	15.5	2.89	.48	.61	.74	51.0	14.9	3.24	.48	.62	.76	49.0	14.4	3.64	.48	.63	.78	47.0	13.8	4.10	.49	.65	.80
	1695	800	54.0	15.8	2.90	.48	.63	.76	51.5	15.1	3.25	.48	.61	.78	49.5	14.5	3.65	.49	.65	.80	47.5	13.9	4.11	.50	.66	.82

COOLING CAPACITY - 13ACD-048 with RFC [C33-62D + G60UHV-60D-135]

63°F (17°C)	1370	645	45.5	13.3	2.81	.76	.90	1.00	44.0	12.9	3.16	.77	.91	1.00	42.0	12.3	3.55	.79	.94	1.00	40.0	11.7	4.02	.81	.96	1.00
	1575	745	47.0	13.8	2.83	.79	.94	1.00	45.5	13.3	3.17	.81	.96	1.00	43.5	12.7	3.57	.83	.98	1.00	41.5	12.2	4.03	.85	1.00	1.00
	1745	825	48.0	14.1	2.84	.82	.98	1.00	46.5	13.6	3.19	.84	1.00	1.00	44.5	13.0	3.58	.86	1.00	1.00	42.5	12.5	4.05	.88	1.00	1.00
67°F (19°C)	1370	645	48.0	14.1	2.85	.61	.74	.86	46.5	13.6	3.19	.61	.75	.88	44.5	13.0	3.59	.62	.77	.90	42.5	12.5	4.05	.63	.79	.93
	1575	745	49.5	14.5	2.87	.63	.77	.91	48.0	14.1	3.21	.64	.79	.93	46.0	13.5	3.60	.65	.80	.95	43.5	12.7	4.06	.66	.83	.98
	1745	825	50.5	14.8	2.88	.65	.80	.95	49.0	14.4	3.23	.65	.82	.97	47.0	13.8	3.62	.67	.84	.99	44.5	13.0	4.08	.68	.86	1.00
71°F (22°C)	1370	645	51.0	14.9	2.89	.46	.59	.72	49.0	14.4	3.23	.47	.60	.73	47.5	13.9	3.63	.47	.61	.74	45.0	13.2	4.09	.47	.62	.76
	1575	745	52.5	15.4	2.91	.47	.61	.75	50.5	14.8	3.25	.48	.62	.76	48.5	14.2	3.65	.48	.64	.78	46.5	13.6	4.11	.49	.65	.80
	1745	825	53.5	15.7	2.92	.48	.63	.78	51.5	15.1	3.26	.49	.64	.79	49.5	14.5	3.66	.49	.66	.81	47.0	13.8	4.12	.50	.67	.84

COOLING CAPACITY - 13ACD-048 with TXV [C33-62D + G61MPV-60D-135] [C33-62D + G71MPP-60D-135]

63°F (17°C)	1400	660	46.5	13.6	2.80	.77	.90	1.00	44.5	13.0	3.14	.78	.92	1.00	42.5	12.5	3.54	.79	.94	1.00	41.0	12.0	4.00	.81	.97	1.00
	1600	755	47.5	13.9	2.82	.80	.95	1.00	46.0	13.5	3.16	.81	.97	1.00	44.0	12.9	3.56	.83	.99	1.00	42.0	12.3	4.02	.85	1.00	1.00
	1780	840	48.5	14.2	2.83	.83	.98	1.00	47.0	13.8	3.18	.84	1.00	1.00	45.0	13.2	3.57	.86	1.00	1.00	43.0	12.6	4.03	.89	1.00	1.00
67°F (19°C)	1400	660	49.0	14.4	2.83	.61	.74	.87	47.0	13.8	3.18	.62	.76	.89	45.0	13.2	3.57	.62	.77	.91	43.0	12.6	4.03	.64	.79	.94
	1600	755	50.0	14.7	2.85	.63	.77	.91	48.5	14.2	3.20	.64	.79	.93	46.5	13.6	3.60	.65	.81	.96	44.0	12.9	4.05	.66	.83	.98
	1780	840	51.5	15.1	2.87	.65	.80	.95	49.5	14.5	3.21	.66	.82	.97	47.5	13.9	3.61	.67	.84	1.00	45.0	13.2	4.06	.69	.86	1.00
71°F (22°C)	1400	660	51.5	15.1	2.87	.47	.59	.72	49.5	14.5	3.21	.47	.60	.73	47.5	13.9	3.61	.47	.61	.75	45.5	13.3	4.07	.48	.63	.77
	1600	755	52.5	15.4	2.89	.48	.62	.75	51.0	14.9	3.24	.48	.63	.77	49.0	14.4	3.63	.49	.64	.79	46.5	13.6	4.09	.49	.65	.81
	1780	840	54.0	15.8	2.90	.49	.64	.78	52.0	15.2	3.25	.49	.65	.80	49.5	14.5	3.64	.50	.66	.82	47.5	13.9	4.10	.50	.68	.84

COOLING CAPACITY - 13ACD-048 with RFC [C33-62D + G61MPV-60D-135] [C33-62D + G71MPP-60D-135]

63°F (17°C)	1400	660	46.0	13.5	2.82	.77	.90	1.00	44.5	13.0	3.16	.78	.92	1.00	42.5	12.5	3.56	.80	.95	1.00	40.5	11.9	4.01	.82	.97	1.00
	1600	755	47.5	13.9	2.83	.80	.95	1.00	45.5	13.3	3.18	.81	.97	1.00	43.5	12.7	3.57	.83	.99	1.00	41.5	12.2	4.04	.86	1.00	1.00
	1780	840	48.5	14.2	2.85	.83	.98	1.00	46.5	13.6	3.19	.85	1.00	1.00	45.0	13.2	3.59	.87	1.00	1.00	43.0	12.6	4.05	.89	1.00	1.00
67°F (19°C)	1400	660	48.5	14.2	2.85	.61	.74	.87	46.5	13.6	3.20	.62	.76	.89	44.5	13.0	3.59	.63	.77	.91	42.5	12.5	4.05	.64	.79	.94
	1600	755	50.0	14.7	2.87	.63	.78	.92	48.0	14.1	3.21	.64	.79	.94	46.0	13.5	3.61	.65	.81	.96	44.0	12.9	4.07	.67	.83	.99
	1780	840	51.0	14.9	2.89	.65	.81	.96	49.0	14.4	3.23	.66	.83	.98	47.0	13.8	3.62	.68	.85	1.00	44.5	13.0	4.08	.69	.87	1.00
71°F (22°C)	1400	660	51.0	14.9	2.89	.47	.60	.72	49.5	14.5	3.24	.47	.60	.74	47.5	13.9	3.63	.47	.61	.75	45.5	13.3	4.09	.48	.63	.77
	1600	755	52.5	15.4	2.91	.48	.62	.75	50.5	14.8	3.25	.48	.63	.77	48.5	14.2	3.65	.49	.64	.79	46.5	13.6	4.11	.49	.65	.81
	1780	840	53.5	15.7	2.93	.49	.64	.78	51.5	15.1	3.27	.49	.65	.80	49.5	14.5	3.67	.50	.66	.82	47.5	13.9	4.12	.50	.68	.85

DOWN-FLOW INDOOR COILS

COOLING CAPACITY - 13ACD-048 with TXV [CR33-50/60C-F]

63°F (17°C)	1400	660	45.5	13.3	2.79	.78	.93	1.00	44.0	12.9	3.14	.80	.95	1.00	42.0	12.3	3.53	.81	.96	1.00	40.0	11.7	3.99	.83	.98	1.00
	1600	755	47.0	13.8	2.81	.82	.97	1.00	45.0	13.2	3.15	.83	.98	1.00	43.5	12.7	3.55	.85	.99	1.00	41.5	12.2	4.01	.87	1.00	1.00
	1800	850	48.0	14.1	2.82	.85	.99	1.00	46.0	13.5	3.17	.87	1.00	1.00	44.5	13.0	3.57	.89	1.00	1.00	42.5	12.5	4.03	.91	1.00	1.00
67°F (19°C)	1400	660	48.0	14.1	2.82	.62	.76	.89	46.5	13.6	3.17	.63	.77	.91	44.5	13.0	3.57	.64	.79	.93	42.5	12.5	4.02	.65	.81	.96
	1600	755	49.5	14.5	2.84	.64	.79	.94	47.5	13.9	3.19	.65	.81	.96	45.5	13.3	3.58	.66	.83	.98	43.5	12.7	4.04	.68	.85	.99
	1800	850	50.5	14.8	2.85	.66	.83	.97	48.5	14.2	3.20	.68	.85	.99	46.5	13.6	3.60	.69	.87	1.00	44.5	13.0	4.05	.70	.89	1.00
71°F (22°C)	1400	660	50.5	14.8	2.86	.47	.61	.74	49.0	14.4	3.20	.47	.62	.75	47.0	13.8	3.60	.48	.63	.77	45.0	13.2	4.06	.49	.64	.79
	1600	755	52.0	15.2	2.87	.48	.63	.77	50.0	14.7	3.22	.49	.64	.79	48.0	14.1	3.62	.49	.65	.81	46.0	13.5	4.08	.50	.67	.83
	1800	850	53.0	15.5	2.89	.49	.65	.80	51.0	14.9	3.24	.50	.66	.82	49.0	14.4	3.63	.50	.68	.84	46.5	13.6	4.09	.51	.69	.87

COOLING CAPACITY - 13ACD-048 with TXV [CR33-60D-F]

63°F (17°C)	1400	660	45.5	13.3	2.79	.78	.93	1.00	44.0	12.9	3.14	.80	.95	1.00	42.0	12.3	3.53	.81	.96	1.00	40.0	11.7	3.99	.83	.98	1.00
	1600	755	47.0	13.8	2.81	.82	.97	1.00	45.0	13.2	3.15	.83	.98	1.00	43.5	12.7	3.55	.85	.99	1.00	41.5	12.2	4.01	.87	1.00	1.00
	1800	850	48.0	14.1	2.82	.85	.99	1.00	46.0	13.5	3.17	.87	1.00	1.00	44.5	13.0	3.57	.89	1.00	1.00	42.5	12.5	4.03	.91	1.00	1.00
67°F (19°C)	1400	660	48.0	14.1	2.82	.62	.76	.89	46.5	13.6	3.17	.63	.77	.91	44.5	13.0	3.57	.64	.79	.93	42.5	12.5	4.02	.65	.81	.96
	1600	755	49.5	14.5	2.84	.64	.79	.94	47.5	13.9	3.19	.65	.81	.96	45.5	13.3	3.58	.66	.83	.98	43.5	12.7	4.04	.68	.85	.99
	1800	850	50.5	14.8	2.85	.66	.83	.97	48.5	14.2	3.20	.68	.85	.99	46.5	13.6	3.60	.69	.87	1.00	44.5	13.0	4.05	.70	.89	1.00
71°F (22°C)	1400	660	50.5	14.8	2.86	.47	.61	.74	49.0	14.4	3.20	.47	.62	.75	47.0	13.8	3.60	.48	.63	.77	45.0	13.2	4.06	.49	.64	.79
	1600	755	52.0	15.2	2.87	.48	.63	.77	50.0	14.7	3.22	.49	.64	.79	48.0	14.1	3.62	.49	.65	.81	46.0	13.5	4.08	.50	.67	.83
	1800	850	53.0	15.5	2.89	.49	.65	.80	51.0	14.9	3.24	.50	.66	.82	49.0	14.4	3.63	.50	.68	.84	46.5	13.6	4.09	.51	.69	.87

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		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - 13ACD-048 with TXV																										**[CR33-50/60C-F + G60DFV-60C-090]**
63°F (17°C)	1505	710	46.0	13.5	2.80	.79	.94	1.00	44.5	13.0	3.15	.81	.96	1.00	42.5	12.5	3.54	.83	.98	1.00	40.5	11.9	4.00	.85	.99	1.00
	1685	795	47.0	13.8	2.81	.82	.98	1.00	45.5	13.3	3.16	.84	.99	1.00	43.5	12.7	3.55	.86	1.00	1.00	42.0	12.3	4.01	.88	1.00	1.00
	1860	880	48.0	14.1	2.82	.85	.99	1.00	46.5	13.6	3.17	.87	1.00	1.00	45.0	13.2	3.57	.90	1.00	1.00	43.0	12.6	4.03	.92	1.00	1.00
67°F (19°C)	1505	710	48.5	14.2	2.83	.63	.77	.91	47.0	13.8	3.18	.63	.79	.93	45.0	13.2	3.58	.64	.80	.95	43.0	12.6	4.03	.66	.82	.97
	1685	795	49.5	14.5	2.84	.65	.80	.95	48.0	14.1	3.19	.65	.82	.97	46.0	13.5	3.59	.67	.84	.98	43.5	12.7	4.04	.68	.86	1.00
	1860	880	50.5	14.8	2.86	.67	.83	.98	48.5	14.2	3.20	.68	.85	.99	46.5	13.6	3.60	.69	.87	1.00	44.5	13.0	4.05	.70	.90	1.00
71°F (22°C)	1505	710	51.0	14.9	2.87	.47	.61	.75	49.5	14.5	3.21	.47	.62	.76	47.5	13.9	3.61	.48	.63	.78	45.5	13.3	4.07	.48	.64	.80
	1685	795	52.0	15.2	2.88	.48	.63	.78	50.5	14.8	3.23	.48	.64	.80	48.5	14.2	3.63	.49	.66	.82	46.0	13.5	4.08	.50	.67	.84
	1860	880	53.0	15.5	2.89	.49	.65	.81	51.0	14.9	3.24	.50	.67	.83	49.0	14.4	3.64	.50	.68	.85	47.0	13.8	4.09	.51	.70	.88
COOLING CAPACITY - 13ACD-048 with TXV																										**[CR33-50/60C-F + G60DFV-60C-110]**
63°F (17°C)	1450	685	46.0	13.5	2.79	.78	.93	1.00	44.0	12.9	3.14	.80	.95	1.00	42.5	12.5	3.54	.81	.97	1.00	40.0	11.7	3.99	.84	.99	1.00
	1645	775	47.0	13.8	2.81	.82	.97	1.00	45.5	13.3	3.15	.84	.98	1.00	43.5	12.7	3.55	.85	1.00	1.00	41.5	12.2	4.01	.88	1.00	1.00
	1845	870	48.0	14.1	2.82	.85	.99	1.00	46.5	13.6	3.17	.87	1.00	1.00	45.0	13.2	3.57	.89	1.00	1.00	43.0	12.6	4.03	.92	1.00	1.00
67°F (19°C)	1450	685	48.5	14.2	2.83	.62	.76	.90	46.5	13.6	3.17	.63	.77	.92	45.0	13.2	3.57	.64	.79	.94	42.5	12.5	4.03	.65	.81	.96
	1645	775	49.5	14.5	2.84	.64	.79	.94	48.0	14.1	3.19	.65	.81	.96	45.5	13.3	3.58	.66	.83	.98	43.5	12.7	4.04	.68	.86	.99
	1845	870	50.5	14.8	2.85	.66	.83	.98	48.5	14.2	3.20	.68	.85	.99	46.5	13.6	3.59	.69	.87	1.00	44.5	13.0	4.05	.70	.90	1.00
71°F (22°C)	1450	685	51.0	14.9	2.86	.47	.61	.74	49.0	14.4	3.21	.47	.61	.75	47.0	13.8	3.61	.47	.62	.77	45.0	13.2	4.06	.48	.63	.79
	1645	775	52.0	15.2	2.88	.48	.63	.77	50.0	14.7	3.22	.48	.64	.79	48.5	14.2	3.62	.48	.65	.81	46.0	13.5	4.08	.49	.66	.83
	1845	870	53.0	15.5	2.89	.49	.65	.81	51.0	14.9	3.24	.50	.66	.83	49.0	14.4	3.64	.50	.68	.85	46.5	13.6	4.09	.51	.69	.87
COOLING CAPACITY - 13ACD-048 with TXV																										**[CR33-50/60C-F + G61MPV-60C-090]** **[CR33-50/60C-F + G71MPP-60C-090]**
63°F (17°C)	1380	650	45.5	13.3	2.79	.77	.92	1.00	44.0	12.9	3.13	.79	.94	1.00	42.0	12.3	3.53	.80	.96	1.00	40.0	11.7	3.99	.82	.98	1.00
	1605	760	47.0	13.8	2.81	.81	.97	1.00	45.0	13.2	3.15	.83	.98	1.00	43.5	12.7	3.55	.85	.99	1.00	41.5	12.2	4.01	.87	1.00	1.00
	1755	830	47.5	13.9	2.81	.84	.99	1.00	46.0	13.5	3.16	.86	1.00	1.00	44.0	12.9	3.56	.88	1.00	1.00	42.5	12.5	4.02	.90	1.00	1.00
67°F (19°C)	1380	650	48.0	14.1	2.82	.61	.75	.88	46.5	13.6	3.17	.62	.77	.90	44.5	13.0	3.57	.63	.78	.92	42.0	12.3	4.02	.64	.80	.95
	1605	760	49.5	14.5	2.84	.64	.79	.94	47.5	13.9	3.19	.65	.81	.96	45.5	13.3	3.58	.66	.83	.97	43.5	12.7	4.04	.67	.85	.99
	1755	830	50.0	14.7	2.85	.66	.82	.97	48.5	14.2	3.20	.67	.84	.98	46.5	13.6	3.59	.68	.86	.99	44.0	12.9	4.05	.69	.88	1.00
71°F (22°C)	1380	650	50.5	14.8	2.85	.46	.60	.73	48.5	14.2	3.20	.46	.61	.74	47.0	13.8	3.60	.47	.62	.76	44.5	13.0	4.06	.48	.62	.78
	1605	760	52.0	15.2	2.87	.47	.63	.77	50.0	14.7	3.22	.48	.64	.78	48.0	14.1	3.62	.48	.65	.80	46.0	13.5	4.08	.49	.66	.82
	1755	830	52.5	15.4	2.89	.49	.65	.79	51.0	14.9	3.23	.49	.66	.81	49.0	14.4	3.63	.50	.67	.83	46.5	13.6	4.09	.51	.68	.86
COOLING CAPACITY - 13ACD-048 with TXV																										**[CR33-50/60C-F + G61MPV-60C-110]** **[CR33-50/60C-F + G71MPP-60C-110]**
63°F (17°C)	1405	665	45.5	13.3	2.79	.78	.92	1.00	44.0	12.9	3.14	.79	.94	1.00	42.0	12.3	3.53	.81	.96	1.00	40.0	11.7	3.99	.83	.98	1.00
	1605	760	47.0	13.8	2.81	.81	.97	1.00	45.0	13.2	3.15	.83	.98	1.00	43.5	12.7	3.55	.85	.99	1.00	41.5	12.2	4.01	.87	1.00	1.00
	1790	845	47.5	13.9	2.82	.85	.99	1.00	46.0	13.5	3.16	.86	1.00	1.00	44.5	13.0	3.56	.89	1.00	1.00	42.5	12.5	4.02	.91	1.00	1.00
67°F (19°C)	1405	665	48.0	14.1	2.82	.62	.75	.89	46.5	13.6	3.17	.62	.77	.91	44.5	13.0	3.57	.63	.78	.93	42.5	12.5	4.02	.64	.80	.95
	1605	760	49.5	14.5	2.84	.64	.79	.94	47.5	13.9	3.19	.65	.81	.96	45.5	13.3	3.58	.66	.83	.97	43.5	12.7	4.04	.67	.85	.99
	1790	845	50.0	14.7	2.85	.66	.82	.97	48.5	14.2	3.20	.67	.84	.98	46.5	13.6	3.59	.68	.86	1.00	44.0	12.9	4.05	.70	.89	1.00
71°F (22°C)	1405	665	50.5	14.8	2.86	.46	.60	.73	49.0	14.4	3.20	.47	.61	.75	47.0	13.8	3.60	.47	.62	.76	45.0	13.2	4.06	.48	.63	.78
	1605	760	52.0	15.2	2.87	.47	.63	.77	50.0	14.7	3.22	.48	.64	.78	48.0	14.1	3.62	.48	.65	.80	46.0	13.5	4.08	.49	.66	.82
	1790	845	53.0	15.5	2.89	.49	.65	.80	51.0	14.9	3.24	.49	.66	.82	49.0	14.4	3.63	.50	.67	.84	46.5	13.6	4.09	.51	.69	.86
COOLING CAPACITY - 13ACD-048 with TXV																										**[CR33-60D-F + G60DFV-60D-135]**
63°F (17°C)	1440	680	46.0	13.5	2.79	.78	.93	1.00	44.0	12.9	3.14	.80	.95	1.00	42.5	12.5	3.54	.81	.97	1.00	40.0	11.7	3.99	.83	.98	1.00
	1645	775	47.0	13.8	2.81	.82	.97	1.00	45.5	13.3	3.16	.83	.98	1.00	43.5	12.7	3.55	.85	.99	1.00	41.5	12.2	4.01	.88	1.00	1.00
	1865	880	48.0	14.1	2.82	.85	.99	1.00	46.5	13.6	3.17	.87	1.00	1.00	45.0	13.2	3.57	.90	1.00	1.00	43.0	12.6	4.03	.92	1.00	1.00
67°F (19°C)	1440	680	48.5	14.2	2.83	.62	.76	.90	46.5	13.6	3.17	.63	.77	.92	44.5	13.0	3.57	.64	.79	.94	42.5	12.5	4.03	.65	.81	.96
	1645	775	49.5	14.5	2.84	.64	.79	.94	47.5	13.9	3.19	.65	.81	.96	45.5	13.3	3.58	.66	.83	.98	43.5	12.7	4.04	.68	.85	.99
	1865	880	50.5	14.8	2.86	.67	.83	.98	48.5	14.2	3.20	.68	.85	.99	46.5	13.6	3.60	.69	.87	1.00	44.5	13.0	4.05	.70	.90	1.00
71°F (22°C)	1440	680	51.0	14.9	2.86	.47	.61	.74	49.0	14.4	3.21	.47	.61	.75	47.0	13.8	3.60	.47	.62	.77	45.0	13.2	4.06	.48	.64	.79
	1645	775	52.0	15.2	2.88	.48	.63	.77	50.0	14.7	3.22	.48	.64	.79	48.0	14.1	3.62	.48	.65	.81	46.0	13.5	4.08	.49	.66	.83
	1865	880	53.0	15.5	2.89	.49	.65	.81	51.5	15.1	3.24	.50	.67	.83	49.0	14.4	3.64	.50	.68	.85	47.0	13.8	4.09	.51	.70	.88
COOLING CAPACITY - 13ACD-048 with TXV																										**[CR33-60D-F + G61MPV-60D-135]** **[CR33-60D-F + G71MPP-60D-135]**
63°F (17°C)	1400	660	45.5	13.3	2.79	.78	.92	1.00	44.0	12.9	3.14	.79	.94	1.00	42.0	12.3	3.53	.81	.96	1.00	40.0	11.7	3.99	.83	.98	1.00
	1600	755	46.5	13.6	2.80	.81	.96	1.00	45.0	13.2	3.15	.83	.98	1.00	43.0	12.6	3.55	.85	.99	1.00	41.0	12.0	4.01	.87	1.00	1.00
	1780	840	47.5	13.9	2.82	.84	.99	1.00	46.0	13.5	3.16	.86	1.00	1.00	44.5	13.0	3.56	.88	1.00	1.00	42.5	12.5	4.02	.91	1.00	1.00
67°F (19°C)	1400	660	48.0	14.1	2.82	.61	.75	.89	46.5	13.6	3.17	.62	.77	.91	44.5	13.0	3.57	.63	.78	.93	42.5	12.5	4.02	.64	.80	.95
	1600	755	49.5	14.5	2.84	.64	.79	.93	47.5	13.9	3.19	.64	.80	.95	45.5	13.3	3.58	.65	.82	.97	43.5	12.7	4.04	.67	.85	.99
	1780	840	50.0	14.7	2.85	.66	.82	.97	48.5	14.2	3.20	.67	.84	.98	46.5	13.6	3.59	.68	.86	.99	44.0	12.9	4.05	.70	.88	1.00
71°F (22°C)	1400	660	50.5	14.8	2.86	.46	.60	.73	49.0	14.4	3.20	.46	.61	.74	47.0	13.8	3.60	.47	.62	.76	45.0	13.2	4.06	.48	.63	.78
	1600	755	52.0	15.2	2.87	.48	.63	.76	50.0	14.7	3.22	.48	.63	.78	48.0	14.1	3.62	.48	.65	.80	46.0	13.5	4.08	.49	.66	.82
	1780	840	53.0	15.5	2.89	.49	.65	.79	51.0	14.9	3.24	.49	.66	.81	49.0	14.4	3.63	.50	.67	.84	46.5	13.6	4.09	.51	.68	.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.

HORIZONTAL INDOOR COILS

COOLING CAPACITY - 13ACD-048 with TXV [CH23-68]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	46.5	13.6	2.80	.78	.92	1.00	44.5	13.0	3.15	.79	.94	1.00	43.0	12.6	3.54	.81	.96	1.00	41.0	12.0	4.00	.83	.98	1.00
	1600	755	47.5	13.9	2.82	.81	.96	1.00	46.0	13.5	3.16	.83	.98	1.00	44.0	12.9	3.56	.85	1.00	1.00	42.5	12.5	4.02	.87	1.00	1.00
	1800	850	49.0	14.4	2.83	.85	.99	1.00	47.5	13.9	3.18	.86	1.00	1.00	45.5	13.3	3.58	.89	1.00	1.00	43.5	12.7	4.04	.91	1.00	1.00
67°F (19°C)	1400	660	49.0	14.4	2.84	.62	.76	.89	47.5	13.9	3.18	.63	.77	.91	45.5	13.3	3.58	.64	.79	.93	43.0	12.6	4.04	.65	.81	.95
	1600	755	50.5	14.8	2.85	.64	.79	.93	48.5	14.2	3.20	.65	.81	.95	46.5	13.6	3.59	.66	.83	.97	44.0	12.9	4.05	.68	.85	.99
	1800	850	51.5	15.1	2.87	.66	.83	.97	49.5	14.5	3.21	.67	.84	.99	47.5	13.9	3.61	.69	.87	1.00	45.0	13.2	4.06	.70	.89	1.00
71°F (22°C)	1400	660	52.0	15.2	2.88	.47	.61	.73	50.0	14.7	3.22	.48	.61	.75	48.0	14.1	3.62	.48	.62	.76	46.0	13.5	4.08	.49	.64	.78
	1600	755	53.5	15.7	2.90	.48	.63	.77	51.5	15.1	3.24	.49	.64	.78	49.5	14.5	3.64	.49	.65	.80	47.0	13.8	4.09	.50	.66	.82
	1800	850	54.5	16.0	2.91	.49	.65	.80	52.5	15.4	3.26	.50	.66	.82	50.0	14.7	3.65	.51	.68	.84	47.5	13.9	4.11	.51	.69	.87

COOLING CAPACITY - 13ACD-048 with RFC [CH23-68]

63°F (17°C)	1400	660	46.0	13.5	2.82	.78	.92	1.00	44.5	13.0	3.16	.80	.94	1.00	42.5	12.5	3.56	.81	.96	1.00	40.5	11.9	4.02	.83	.98	1.00
	1600	755	47.5	13.9	2.84	.82	.97	1.00	45.5	13.3	3.18	.83	.98	1.00	44.0	12.9	3.58	.85	1.00	1.00	42.0	12.3	4.04	.88	1.00	1.00
	1800	850	48.5	14.2	2.85	.85	1.00	1.00	47.0	13.8	3.20	.87	1.00	1.00	45.5	13.3	3.60	.89	1.00	1.00	43.5	12.7	4.06	.92	1.00	1.00
67°F (19°C)	1400	660	49.0	14.4	2.85	.62	.76	.89	47.0	13.8	3.20	.63	.77	.91	45.0	13.2	3.59	.64	.79	.93	43.0	12.6	4.05	.65	.81	.96
	1600	755	50.0	14.7	2.87	.64	.80	.94	48.0	14.1	3.22	.65	.81	.96	46.0	13.5	3.61	.66	.83	.98	44.0	12.9	4.07	.68	.85	1.00
	1800	850	51.0	14.9	2.89	.67	.83	.98	49.0	14.4	3.23	.67	.85	.99	47.0	13.8	3.63	.69	.87	1.00	44.5	13.0	4.08	.70	.90	1.00
71°F (22°C)	1400	660	51.5	15.1	2.90	.47	.61	.74	50.0	14.7	3.24	.48	.62	.75	47.5	13.9	3.64	.48	.62	.77	45.5	13.3	4.09	.48	.64	.79
	1600	755	53.0	15.5	2.92	.48	.63	.77	51.0	14.9	3.26	.49	.64	.79	49.0	14.4	3.66	.49	.65	.81	46.5	13.6	4.11	.50	.66	.83
	1800	850	54.0	15.8	2.94	.49	.65	.81	52.0	15.2	3.28	.50	.66	.83	50.0	14.7	3.67	.50	.68	.85	47.5	13.9	4.13	.51	.69	.87

COOLING CAPACITY - 13ACD-048 with TXV [CH33-48C-2F]

63°F (17°C)	1400	660	45.5	13.3	2.79	.76	.90	1.00	44.0	12.9	3.14	.78	.92	1.00	42.0	12.3	3.53	.79	.94	1.00	40.0	11.7	3.99	.81	.96	1.00
	1600	755	47.0	13.8	2.81	.79	.94	1.00	45.0	13.2	3.15	.81	.96	1.00	43.0	12.6	3.55	.83	.98	1.00	41.0	12.0	4.00	.85	1.00	1.00
	1800	850	48.0	14.1	2.82	.82	.98	1.00	46.0	13.5	3.16	.84	1.00	1.00	44.0	12.9	3.56	.86	1.00	1.00	42.5	12.5	4.02	.88	1.00	1.00
67°F (19°C)	1400	660	48.5	14.2	2.83	.61	.74	.87	46.5	13.6	3.17	.62	.75	.89	44.5	13.0	3.57	.63	.77	.91	42.5	12.5	4.02	.64	.79	.93
	1600	755	49.5	14.5	2.84	.63	.77	.91	47.5	13.9	3.19	.64	.79	.93	46.0	13.5	3.58	.65	.80	.95	43.5	12.7	4.04	.66	.82	.98
	1800	850	50.5	14.8	2.86	.65	.80	.95	48.5	14.2	3.20	.66	.82	.97	46.5	13.6	3.60	.67	.84	.99	44.5	13.0	4.05	.68	.86	1.00
71°F (22°C)	1400	660	51.0	14.9	2.86	.47	.60	.72	49.0	14.4	3.21	.47	.60	.73	47.0	13.8	3.60	.48	.61	.75	45.0	13.2	4.06	.48	.62	.76
	1600	755	52.5	15.4	2.88	.48	.62	.75	50.5	14.8	3.23	.48	.63	.76	48.5	14.2	3.62	.49	.64	.78	46.0	13.5	4.08	.49	.65	.80
	1800	850	53.5	15.7	2.90	.49	.64	.78	51.5	15.1	3.24	.49	.65	.79	49.5	14.5	3.64	.50	.66	.81	47.0	13.8	4.10	.50	.67	.83

COOLING CAPACITY - 13ACD-048 with RFC [CH33-48C-2F]

63°F (17°C)	1400	660	45.5	13.3	2.81	.77	.90	1.00	43.5	12.7	3.15	.78	.92	1.00	41.5	12.2	3.55	.79	.94	1.00	39.5	11.6	4.01	.81	.97	1.00
	1600	755	46.5	13.6	2.82	.80	.95	1.00	44.5	13.0	3.17	.81	.96	1.00	43.0	12.6	3.56	.83	.99	1.00	40.5	11.9	4.02	.85	1.00	1.00
	1800	850	47.5	13.9	2.84	.83	.98	1.00	45.5	13.3	3.18	.84	1.00	1.00	44.0	12.9	3.57	.86	1.00	1.00	42.0	12.3	4.04	.88	1.00	1.00
67°F (19°C)	1400	660	48.0	14.1	2.84	.61	.74	.87	46.0	13.5	3.19	.62	.76	.89	44.5	13.0	3.58	.63	.77	.91	42.0	12.3	4.04	.64	.79	.93
	1600	755	49.0	14.4	2.86	.63	.77	.91	47.5	13.9	3.21	.64	.79	.93	45.5	13.3	3.60	.65	.80	.95	43.0	12.6	4.05	.66	.82	.98
	1800	850	50.0	14.7	2.87	.65	.80	.95	48.0	14.1	3.22	.66	.82	.97	46.0	13.5	3.61	.67	.84	.99	44.0	12.9	4.07	.68	.86	1.00
71°F (22°C)	1400	660	50.5	14.8	2.88	.47	.60	.72	48.5	14.2	3.23	.48	.61	.73	47.0	13.8	3.62	.48	.61	.75	44.5	13.0	4.08	.48	.63	.76
	1600	755	52.0	15.2	2.90	.48	.62	.75	50.0	14.7	3.25	.48	.63	.76	48.0	14.1	3.64	.49	.64	.78	45.5	13.3	4.09	.49	.65	.80
	1800	850	53.0	15.5	2.92	.49	.64	.78	51.0	14.9	3.26	.49	.65	.80	49.0	14.4	3.65	.50	.66	.81	46.5	13.6	4.11	.51	.67	.84

COOLING CAPACITY - 13ACD-048 with TXV [CH33-50/60C-2F]

63°F (17°C)	1400	660	46.0	13.5	2.80	.77	.91	1.00	44.5	13.0	3.14	.78	.93	1.00	42.5	12.5	3.54	.80	.95	1.00	40.5	11.9	4.00	.82	.97	1.00
	1600	755	47.5	13.9	2.81	.80	.95	1.00	45.5	13.3	3.16	.82	.97	1.00	43.5	12.7	3.55	.83	.99	1.00	41.5	12.2	4.01	.85	1.00	1.00
	1800	850	48.5	14.2	2.83	.83	.99	1.00	46.5	13.6	3.17	.85	1.00	1.00	45.0	13.2	3.57	.87	1.00	1.00	43.0	12.6	4.03	.89	1.00	1.00
67°F (19°C)	1400	660	49.0	14.4	2.83	.61	.75	.88	47.0	13.8	3.18	.62	.76	.90	45.0	13.2	3.57	.63	.77	.92	43.0	12.6	4.03	.64	.79	.94
	1600	755	50.0	14.7	2.85	.63	.78	.92	48.5	14.2	3.20	.64	.79	.94	46.0	13.5	3.59	.65	.81	.96	44.0	12.9	4.05	.67	.83	.99
	1800	850	51.0	14.9	2.87	.65	.81	.96	49.0	14.4	3.21	.66	.83	.98	47.0	13.8	3.60	.67	.84	1.00	44.5	13.0	4.06	.69	.87	1.00
71°F (22°C)	1400	660	51.5	15.1	2.87	.47	.60	.72	49.5	14.5	3.22	.48	.61	.74	47.5	13.9	3.61	.48	.62	.75	45.5	13.3	4.07	.49	.63	.77
	1600	755	53.0	15.5	2.89	.48	.62	.75	51.0	14.9	3.24	.49	.63	.77	49.0	14.4	3.63	.49	.64	.79	46.5	13.6	4.09	.50	.65	.81
	1800	850	54.0	15.8	2.91	.49	.64	.79	52.0	15.2	3.25	.49	.65	.80	50.0	14.7	3.65	.50	.66	.82	47.5	13.9	4.10	.51	.68	.84

COOLING CAPACITY - 13ACD-048 with RFC [CH33-50/60C-2F]

63°F (17°C)	1400	660	45.5	13.3	2.81	.77	.91	1.00	44.0	12.9	3.16	.78	.93	1.00	42.0	12.3	3.55	.80	.95	1.00	40.0	11.7	4.01	.82	.98	1.00
	1600	755	47.0	13.8	2.83	.80	.96	1.00	45.0	13.2	3.17	.82	.97	1.00	43.0	12.6	3.57	.83	.99	1.00	41.0	12.0	4.03	.86	1.00	1.00
	1800	850	48.0	14.1	2.85	.83	.99	1.00	46.0	13.5	3.19	.85	1.00	1.00	44.5	13.0	3.59	.87	1.00	1.00	42.5	12.5	4.05	.89	1.00	1.00
67°F (19°C)	1400	660	48.5	14.2	2.85	.62	.75	.88	46.5	13.6	3.19	.62	.76	.90	44.5	13.0	3.59	.63	.78	.92	42.5	12.5	4.05	.64	.79	.94
	1600	755	49.5	14.5	2.87	.63	.78	.92	48.0	14.1	3.21	.64	.79	.94	46.0	13.5	3.60	.65	.81	.97	43.5	12.7	4.06	.67	.83	.99
	1800	850	51.0	14.9	2.88	.65	.81	.96	49.0	14.4	3.23	.66	.83	.98	46.5	13.6	3.62	.68	.85	1.00	44.5	13.0	4.07	.69	.87	1.00
71°F (22°C)	1400	660	51.0	14.9	2.89	.47	.60	.73	49.5	14.5	3.23	.48	.61	.74	47.0	13.8	3.63	.48	.62	.75	45.0	13.2	4.09	.49	.63	.77
	1600	755	52.5	15.4	2.91	.48	.62	.76	50.5	14.8	3.25	.49	.63	.77	48.5	14.2	3.65	.49	.64	.79	46.0	13.5	4.10	.50	.65	.81
	1800	850	53.5	15.7	2.93	.49	.64	.79	51.5	15.1	3.27	.50	.65	.81	49.5	14.5	3.66	.50	.66	.82	47.0	13.8	4.12	.51	.68	.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.

HORIZONTAL INDOOR COILS

COOLING CAPACITY - 13ACD-048 with TXV [CH33-60D-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		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	46.0	13.5	2.79	.77	.90	1.00	44.0	12.9	3.14	.78	.92	1.00	42.0	12.3	3.54	.79	.95	1.00	40.5	11.9	3.99	.81	.97	1.00
	1600	755	47.0	13.8	2.81	.80	.95	1.00	45.5	13.3	3.16	.81	.97	1.00	43.5	12.7	3.55	.83	.99	1.00	41.5	12.2	4.01	.85	1.00	1.00
	1800	850	48.0	14.1	2.82	.83	.98	1.00	46.5	13.6	3.17	.84	1.00	1.00	44.5	13.0	3.57	.86	1.00	1.00	42.5	12.5	4.03	.89	1.00	1.00
67°F (19°C)	1400	660	48.5	14.2	2.83	.61	.74	.87	47.0	13.8	3.18	.62	.76	.89	45.0	13.2	3.57	.63	.77	.91	43.0	12.6	4.03	.64	.79	.94
	1600	755	50.0	14.7	2.85	.63	.77	.91	48.0	14.1	3.19	.64	.79	.93	46.0	13.5	3.59	.65	.81	.96	43.5	12.7	4.04	.66	.83	.98
	1800	850	51.0	14.9	2.86	.65	.80	.95	49.0	14.4	3.21	.66	.82	.97	47.0	13.8	3.60	.67	.84	1.00	44.5	13.0	4.06	.69	.86	1.00
71°F (22°C)	1400	660	51.0	14.9	2.86	.47	.60	.72	49.5	14.5	3.21	.48	.61	.73	47.5	13.9	3.61	.48	.62	.75	45.0	13.2	4.07	.48	.63	.77
	1600	755	52.5	15.4	2.88	.48	.62	.75	50.5	14.8	3.23	.48	.63	.77	48.5	14.2	3.63	.49	.64	.78	46.5	13.6	4.08	.49	.65	.80
	1800	850	53.5	15.7	2.90	.49	.64	.78	51.5	15.1	3.25	.49	.65	.80	49.5	14.5	3.64	.50	.66	.82	47.0	13.8	4.10	.51	.67	.84

COOLING CAPACITY - 13ACD-048 with RFC [CH33-60D-2F]

63°F (17°C)	1400	660	45.5	13.3	2.81	.77	.91	1.00	44.0	12.9	3.16	.78	.93	1.00	42.0	12.3	3.55	.80	.95	1.00	40.0	11.7	4.01	.82	.97	1.00
	1600	755	46.5	13.6	2.83	.80	.95	1.00	45.0	13.2	3.17	.81	.97	1.00	43.0	12.6	3.57	.83	.99	1.00	41.0	12.0	4.03	.85	1.00	1.00
	1800	850	47.5	13.9	2.84	.83	.99	1.00	46.0	13.5	3.18	.85	1.00	1.00	44.0	12.9	3.58	.86	1.00	1.00	42.5	12.5	4.04	.89	1.00	1.00
67°F (19°C)	1400	660	48.0	14.1	2.85	.61	.75	.88	46.5	13.6	3.19	.62	.76	.89	44.5	13.0	3.59	.63	.77	.91	42.5	12.5	4.05	.64	.79	.94
	1600	755	49.5	14.5	2.86	.63	.78	.92	47.5	13.9	3.21	.64	.79	.94	45.5	13.3	3.60	.65	.81	.96	43.5	12.7	4.06	.66	.83	.99
	1800	850	50.5	14.8	2.88	.65	.81	.96	48.5	14.2	3.22	.66	.82	.98	46.5	13.6	3.62	.67	.84	1.00	44.0	12.9	4.07	.69	.87	1.00
71°F (22°C)	1400	660	51.0	14.9	2.88	.47	.60	.72	49.0	14.4	3.23	.48	.61	.73	47.0	13.8	3.63	.48	.62	.75	45.0	13.2	4.09	.48	.63	.77
	1600	755	52.0	15.2	2.91	.48	.62	.75	50.5	14.8	3.25	.48	.63	.77	48.0	14.1	3.65	.49	.64	.78	46.0	13.5	4.10	.50	.65	.81
	1800	850	53.5	15.7	2.92	.49	.64	.78	51.5	15.1	3.27	.49	.65	.80	49.0	14.4	3.66	.50	.66	.82	47.0	13.8	4.12	.51	.68	.84

COOLING CAPACITY - 13ACD-048 with TXV [CH33-62D-2F]

63°F (17°C)	1400	660	46.0	13.5	2.80	.77	.90	1.00	44.5	13.0	3.14	.78	.92	1.00	42.5	12.5	3.54	.79	.94	1.00	40.5	11.9	4.00	.81	.96	1.00
	1600	755	47.5	13.9	2.81	.79	.94	1.00	45.5	13.3	3.16	.81	.96	1.00	43.5	12.7	3.55	.82	.98	1.00	41.5	12.2	4.01	.85	1.00	1.00
	1800	850	48.5	14.2	2.83	.82	.98	1.00	46.5	13.6	3.17	.84	.99	1.00	44.5	13.0	3.57	.86	1.00	1.00	43.0	12.6	4.03	.88	1.00	1.00
67°F (19°C)	1400	660	48.5	14.2	2.83	.61	.74	.87	47.0	13.8	3.18	.62	.76	.88	45.0	13.2	3.57	.63	.77	.90	43.0	12.6	4.03	.64	.79	.93
	1600	755	50.0	14.7	2.85	.63	.77	.91	48.0	14.1	3.19	.64	.79	.93	46.0	13.5	3.59	.65	.80	.95	44.0	12.9	4.05	.66	.82	.98
	1800	850	51.0	14.9	2.86	.65	.80	.95	49.0	14.4	3.21	.66	.82	.97	47.0	13.8	3.60	.67	.84	.99	45.0	13.2	4.06	.69	.86	1.00
71°F (22°C)	1400	660	51.0	14.9	2.86	.47	.60	.72	49.0	14.4	3.21	.48	.61	.73	47.5	13.9	3.61	.48	.62	.75	45.0	13.2	4.06	.49	.63	.76
	1600	755	52.5	15.4	2.88	.48	.62	.75	50.5	14.8	3.23	.49	.63	.76	48.5	14.2	3.63	.49	.64	.78	46.0	13.5	4.08	.50	.65	.80
	1800	850	53.5	15.7	2.90	.49	.64	.78	51.5	15.1	3.25	.49	.65	.79	49.5	14.5	3.64	.50	.66	.81	47.0	13.8	4.10	.51	.68	.83

COOLING CAPACITY - 13ACD-048 with RFC [CH33-62D-2F]

63°F (17°C)	1400	660	45.5	13.3	2.81	.77	.90	1.00	44.0	12.9	3.16	.78	.92	1.00	42.0	12.3	3.55	.80	.94	1.00	40.0	11.7	4.01	.81	.97	1.00
	1600	755	47.0	13.8	2.83	.80	.94	1.00	45.0	13.2	3.17	.81	.96	1.00	43.5	12.7	3.57	.83	.98	1.00	41.5	12.2	4.03	.85	1.00	1.00
	1800	850	48.0	14.1	2.84	.83	.98	1.00	46.0	13.5	3.19	.84	1.00	1.00	44.0	12.9	3.58	.86	1.00	1.00	42.5	12.5	4.05	.89	1.00	1.00
67°F (19°C)	1400	660	48.0	14.1	2.85	.61	.74	.87	46.5	13.6	3.19	.62	.76	.89	44.5	13.0	3.58	.63	.77	.91	42.5	12.5	4.05	.64	.79	.93
	1600	755	49.5	14.5	2.87	.63	.77	.91	47.5	13.9	3.21	.64	.79	.93	46.0	13.5	3.60	.65	.81	.95	43.5	12.7	4.06	.66	.83	.98
	1800	850	50.5	14.8	2.88	.65	.80	.95	49.0	14.4	3.23	.66	.82	.97	46.5	13.6	3.62	.67	.84	.99	44.5	13.0	4.08	.69	.86	1.00
71°F (22°C)	1400	660	50.5	14.8	2.88	.47	.60	.72	49.0	14.4	3.23	.48	.61	.73	47.0	13.8	3.62	.48	.62	.75	45.0	13.2	4.08	.49	.63	.77
	1600	755	52.0	15.2	2.90	.48	.62	.75	50.0	14.7	3.25	.49	.63	.77	48.0	14.1	3.64	.49	.64	.78	46.0	13.5	4.10	.50	.65	.80
	1800	850	53.5	15.7	2.92	.49	.64	.78	51.0	14.9	3.26	.50	.65	.80	49.0	14.4	3.66	.50	.66	.82	47.0	13.8	4.12	.51	.68	.84

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

HORIZONTAL INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - 13ACD-048 with TXV [CH23-68 + G60UHV-60D-135]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1370	645	46.0	13.5	2.80	.77	.91	1.00	44.0	12.9	3.14	.78	.92	1.00	42.5	12.5	3.54	.79	.94	1.00	40.5	11.9	4.00	.81	.97	1.00
	1575	745	47.5	13.9	2.81	.80	.95	1.00	45.5	13.3	3.16	.82	.97	1.00	44.0	12.9	3.56	.84	.99	1.00	42.0	12.3	4.02	.86	1.00	1.00
	1745	825	48.5	14.2	2.83	.83	.98	1.00	46.5	13.6	3.17	.85	1.00	1.00	45.0	13.2	3.57	.87	1.00	1.00	43.0	12.6	4.03	.89	1.00	1.00
67°F (19°C)	1370	645	48.5	14.2	2.83	.61	.74	.88	47.0	13.8	3.18	.62	.76	.89	45.0	13.2	3.57	.62	.77	.91	43.0	12.6	4.03	.63	.79	.94
	1575	745	50.0	14.7	2.85	.63	.78	.92	48.5	14.2	3.20	.64	.79	.94	46.0	13.5	3.59	.65	.81	.96	44.0	12.9	4.05	.66	.83	.98
	1745	825	51.0	14.9	2.86	.65	.81	.96	49.0	14.4	3.21	.66	.83	.98	47.0	13.8	3.60	.67	.85	.99	44.5	13.0	4.06	.69	.87	1.00
71°F (22°C)	1370	645	51.5	15.1	2.87	.46	.59	.72	49.5	14.5	3.22	.47	.60	.73	47.5	13.9	3.61	.47	.61	.75	45.5	13.3	4.07	.47	.62	.77
	1575	745	53.0	15.5	2.89	.48	.62	.76	51.0	14.9	3.24	.48	.63	.77	49.0	14.4	3.63	.48	.64	.79	46.5	13.6	4.09	.49	.65	.81
	1745	825	54.0	15.8	2.91	.48	.64	.79	52.0	15.2	3.25	.49	.65	.81	50.0	14.7	3.65	.49	.66	.82	47.5	13.9	4.10	.50	.68	.85

COOLING CAPACITY - 13ACD-048 with RFC [CH23-68 + G60UHV-60D-135]

63°F (17°C)	1370	645	45.5	13.3	2.81	.77	.91	1.00	44.0	12.9	3.16	.78	.93	1.00	42.0	12.3	3.55	.80	.95	1.00	40.0	11.7	4.01	.82	.97	1.00
	1575	745	47.0	13.8	2.83	.81	.96	1.00	45.5	13.3	3.18	.82	.98	1.00	43.5	12.7	3.57	.84	.99	1.00	41.5	12.2	4.03	.86	1.00	1.00
	1745	825	48.0	14.1	2.85	.84	.99	1.00	46.5	13.6	3.19	.85	1.00	1.00	44.5	13.0	3.59	.87	1.00	1.00	43.0	12.6	4.05	.90	1.00	1.00
67°F (19°C)	1370	645	48.5	14.2	2.85	.61	.75	.88	46.5	13.6	3.19	.62	.76	.90	44.5	13.0	3.59	.62	.77	.92	42.5	12.5	4.05	.63	.79	.94
	1575	745	49.5	14.5	2.87	.63	.78	.93	48.0	14.1	3.21	.64	.80	.95	46.0	13.5	3.61	.65	.82	.97	43.5	12.7	4.07	.66	.84	.99
	1745	825	50.5	14.8	2.88	.65	.81	.96	48.5	14.2	3.22	.66	.83	.98	46.5	13.6	3.62	.67	.85	1.00	44.5	13.0	4.08	.69	.88	1.00
71°F (22°C)	1370	645	51.0	14.9	2.89	.46	.60	.72	49.5	14.5	3.24	.47	.60	.73	47.5	13.9	3.63	.47	.61	.75	45.0	13.2	4.09	.47	.62	.77
	1575	745	52.5	15.4	2.91	.48	.62	.76	50.5	14.8	3.26	.48	.63	.78	48.5	14.2	3.65	.48	.64	.79	46.5	13.6	4.11	.48	.65	.82
	1745	825	53.5	15.7	2.93	.49	.64	.79	51.5	15.1	3.27	.49	.65	.81	49.5	14.5	3.66	.49	.66	.83	47.0	13.8	4.12	.50	.68	.85

COOLING CAPACITY - 13ACD-048 with TXV [CH23-68 + G61MPV-60D-135] [CH23-68 + G71MPP-60D-135]

63°F (17°C)	1400	660	46.5	13.6	2.80	.77	.91	1.00	44.5	13.0	3.14	.79	.93	1.00	42.5	12.5	3.54	.80	.95	1.00	40.5	11.9	4.00	.82	.98	1.00
	1600	755	47.5	13.9	2.82	.81	.96	1.00	46.0	13.5	3.16	.82	.98	1.00	44.0	12.9	3.56	.84	.99	1.00	42.0	12.3	4.02	.87	1.00	1.00
	1780	840	48.5	14.2	2.83	.84	.99	1.00	47.0	13.8	3.18	.86	1.00	1.00	45.5	13.3	3.58	.88	1.00	1.00	43.5	12.7	4.04	.90	1.00	1.00
67°F (19°C)	1400	660	49.0	14.4	2.84	.61	.75	.88	47.0	13.8	3.18	.62	.76	.90	45.0	13.2	3.57	.63	.78	.92	43.0	12.6	4.03	.64	.80	.95
	1600	755	50.5	14.8	2.85	.64	.79	.93	48.5	14.2	3.20	.64	.80	.95	46.5	13.6	3.59	.65	.82	.97	44.0	12.9	4.05	.67	.84	.99
	1780	840	51.5	15.1	2.87	.66	.82	.97	49.5	14.5	3.21	.67	.84	.98	47.0	13.8	3.60	.68	.86	1.00	45.0	13.2	4.06	.70	.88	1.00
71°F (22°C)	1400	660	52.0	15.2	2.88	.46	.60	.73	50.0	14.7	3.22	.47	.61	.74	48.0	14.1	3.62	.47	.62	.76	45.5	13.3	4.07	.48	.63	.78
	1600	755	53.0	15.5	2.89	.48	.62	.76	51.5	15.1	3.24	.48	.63	.78	49.0	14.4	3.64	.49	.64	.80	47.0	13.8	4.09	.49	.66	.82
	1780	840	54.0	15.8	2.91	.49	.64	.80	52.0	15.2	3.25	.49	.66	.81	50.0	14.7	3.65	.50	.67	.83	47.5	13.9	4.11	.51	.69	.86

COOLING CAPACITY - 13ACD-048 with RFC [CH23-68 + G61MPV-60D-135] [CH23-68 + G71MPP-60D-135]

63°F (17°C)	1400	660	46.0	13.5	2.82	.78	.92	1.00	44.5	13.0	3.16	.79	.94	1.00	42.5	12.5	3.55	.81	.96	1.00	40.5	11.9	4.02	.82	.98	1.00
	1600	755	47.0	13.8	2.84	.81	.96	1.00	45.5	13.3	3.18	.83	.98	1.00	44.0	12.9	3.58	.85	1.00	1.00	42.0	12.3	4.04	.87	1.00	1.00
	1780	840	48.5	14.2	2.85	.84	.99	1.00	46.5	13.6	3.20	.86	1.00	1.00	45.0	13.2	3.59	.88	1.00	1.00	43.0	12.6	4.06	.91	1.00	1.00
67°F (19°C)	1400	660	48.5	14.2	2.85	.61	.75	.89	47.0	13.8	3.20	.62	.77	.90	45.0	13.2	3.59	.63	.78	.93	42.5	12.5	4.05	.64	.80	.95
	1600	755	50.0	14.7	2.87	.64	.79	.93	48.0	14.1	3.21	.65	.80	.95	46.0	13.5	3.61	.66	.82	.97	43.5	12.7	4.07	.67	.85	.99
	1780	840	51.0	14.9	2.89	.66	.82	.97	49.0	14.4	3.23	.67	.84	.99	47.0	13.8	3.62	.68	.86	1.00	44.5	13.0	4.08	.69	.89	1.00
71°F (22°C)	1400	660	51.5	15.1	2.90	.47	.60	.73	49.5	14.5	3.24	.47	.61	.74	47.5	13.9	3.64	.47	.62	.76	45.5	13.3	4.09	.47	.63	.78
	1600	755	53.0	15.5	2.92	.48	.63	.77	51.0	14.9	3.26	.48	.63	.78	49.0	14.4	3.65	.48	.64	.80	46.5	13.6	4.11	.48	.66	.82
	1780	840	54.0	15.8	2.93	.49	.65	.80	52.0	15.2	3.27	.49	.66	.82	49.5	14.5	3.67	.50	.67	.84	47.5	13.9	4.12	.50	.68	.86

COOLING CAPACITY - 13ACD-048 with TXV [CH33-48C-2F + G60UHV-60C-090]

63°F (17°C)	1460	690	46.0	13.5	2.80	.77	.91	1.00	44.0	12.9	3.14	.78	.93	1.00	42.5	12.5	3.54	.80	.95	1.00	40.5	11.9	3.99	.82	.97	1.00
	1635	770	47.0	13.8	2.81	.79	.94	1.00	45.0	13.2	3.15	.81	.96	1.00	43.5	12.7	3.55	.83	.99	1.00	41.0	12.0	4.00	.85	1.00	1.00
	1845	870	48.0	14.1	2.82	.83	.98	1.00	46.5	13.6	3.17	.84	1.00	1.00	44.5	13.0	3.56	.86	1.00	1.00	42.5	12.5	4.02	.88	1.00	1.00
67°F (19°C)	1460	690	48.5	14.2	2.83	.61	.75	.88	47.0	13.8	3.18	.62	.76	.89	45.0	13.2	3.57	.63	.77	.92	42.5	12.5	4.03	.64	.79	.94
	1635	770	50.0	14.7	2.84	.63	.77	.91	48.0	14.1	3.19	.64	.79	.93	46.0	13.5	3.58	.65	.80	.96	43.5	12.7	4.04	.66	.82	.98
	1845	870	51.0	14.9	2.86	.65	.80	.95	49.0	14.4	3.20	.66	.82	.97	46.5	13.6	3.60	.67	.84	.99	44.5	13.0	4.05	.68	.86	1.00
71°F (22°C)	1460	690	51.5	15.1	2.87	.47	.60	.72	49.5	14.5	3.21	.47	.61	.73	47.5	13.9	3.61	.48	.62	.75	45.0	13.2	4.06	.48	.63	.77
	1635	770	52.5	15.4	2.88	.48	.62	.75	50.5	14.8	3.23	.48	.62	.76	48.5	14.2	3.62	.49	.63	.78	46.0	13.5	4.08	.49	.65	.80
	1845	870	53.5	15.7	2.90	.49	.64	.78	51.5	15.1	3.24	.49	.65	.80	49.5	14.5	3.64	.50	.66	.82	47.0	13.8	4.10	.50	.67	.84

COOLING CAPACITY - 13ACD-048 with RFC [CH33-48C-2F + G60UHV-60C-090]

63°F (17°C)	1460	690	45.5	13.3	2.81	.77	.91	1.00	44.0	12.9	3.15	.78	.93	1.00	42.0	12.3	3.55	.80	.95	1.00	40.0	11.7	4.01	.82	.98	1.00
	1635	770	46.5	13.6	2.83	.80	.95	1.00	45.0	13.2	3.17	.81	.97	1.00	43.0	12.6	3.56	.83	.99	1.00	41.0	12.0	4.02	.85	1.00	1.00
	1845	870	47.5	13.9	2.84	.83	.99	1.00	46.0	13.5	3.18	.84	1.00	1.00	44.0	12.9	3.58	.86	1.00	1.00	42.0	12.3	4.04	.89	1.00	1.00
67°F (19°C)	1460	690	48.0	14.1	2.85	.61	.75	.88	46.5	13.6	3.19	.62	.76	.90	44.5	13.0	3.59	.63	.78	.92	42.5	12.5	4.05	.64	.79	.94
	1635	770	49.5	14.5	2.86	.63	.77	.92	47.5	13.9	3.20	.64	.79	.94	45.5	13.3	3.60	.65	.81	.96	43.0	12.6	4.06	.66	.83	.98
	1845	870	50.5	14.8	2.88	.65	.81	.96	48.5	14.2	3.22	.66	.82	.98	46.5	13.6	3.61	.67	.84	1.00	44.0	12.9	4.07	.69	.87	1.00
71°F (22°C)	1460	690	51.0	14.9	2.88	.47	.60	.72	49.0	14.4	3.23	.47	.61	.74	47.0	13.8	3.63	.48	.62	.75	45.0	13.2	4.08	.48	.63	.77
	1635	770	52.0	15.2	2.90	.48	.62	.75	50.0	14.7	3.25	.48	.63	.77	48.0	14.1	3.64	.49	.64	.78	45.5	13.3	4.10	.49	.65	.80
	1845	870	53.0	15.5	2.92	.49	.64	.78	51.0	14.9	3.26	.49	.65	.80	49.0	14.4	3.66	.50	.66	.82	46.5	13.6	4.11	.50	.67	.84

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

HORIZONTAL INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - 13ACD-048 with TXV [CH33-48C-2F + G60UHV-60C-110]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	1420	670	45.5	13.3	2.79	.76	.90	1.00	44.0	12.9	3.14	.78	.92	1.00	42.0	12.3	3.53	.79	.94	1.00	40.0	11.7	3.99	.81	.97	1.00
	1600	755	47.0	13.8	2.81	.79	.94	1.00	45.0	13.2	3.15	.80	.96	1.00	43.0	12.6	3.54	.82	.98	1.00	41.0	12.0	4.00	.84	1.00	1.00
	1805	850	48.0	14.1	2.82	.82	.98	1.00	46.0	13.5	3.16	.84	1.00	1.00	44.0	12.9	3.56	.86	1.00	1.00	42.0	12.3	4.02	.88	1.00	1.00
67°F (19°C)	1420	670	48.5	14.2	2.83	.61	.74	.87	46.5	13.6	3.17	.62	.75	.89	44.5	13.0	3.57	.63	.77	.91	42.5	12.5	4.03	.64	.79	.93
	1600	755	49.5	14.5	2.84	.63	.77	.91	47.5	13.9	3.19	.63	.78	.92	45.5	13.3	3.58	.64	.80	.95	43.5	12.7	4.04	.66	.82	.97
	1805	850	50.5	14.8	2.86	.65	.80	.95	48.5	14.2	3.20	.66	.81	.97	46.5	13.6	3.60	.67	.83	.99	44.0	12.9	4.05	.68	.86	1.00
71°F (22°C)	1420	670	51.0	14.9	2.86	.47	.59	.72	49.0	14.4	3.21	.47	.60	.73	47.0	13.8	3.60	.48	.61	.74	45.0	13.2	4.06	.48	.62	.76
	1600	755	52.0	15.2	2.88	.48	.61	.74	50.5	14.8	3.23	.48	.62	.76	48.0	14.1	3.62	.48	.63	.77	46.0	13.5	4.08	.49	.64	.79
	1805	850	53.5	15.7	2.90	.49	.63	.78	51.5	15.1	3.24	.49	.64	.79	49.0	14.4	3.64	.50	.66	.81	47.0	13.8	4.10	.50	.67	.83

COOLING CAPACITY - 13ACD-048 with TXV [CH33-48C-2F + G60UHV-60C-110]

63°F (17°C)	1420	670	45.5	13.3	2.81	.77	.90	1.00	43.5	12.7	3.15	.78	.92	1.00	42.0	12.3	3.55	.79	.94	1.00	39.5	11.6	4.01	.81	.97	1.00
	1600	755	46.5	13.6	2.82	.79	.94	1.00	44.5	13.0	3.17	.81	.96	1.00	42.5	12.5	3.56	.82	.98	1.00	40.5	11.9	4.02	.84	1.00	1.00
	1805	850	47.5	13.9	2.84	.82	.98	1.00	45.5	13.3	3.18	.84	1.00	1.00	43.5	12.7	3.57	.86	1.00	1.00	42.0	12.3	4.04	.88	1.00	1.00
67°F (19°C)	1420	670	48.0	14.1	2.84	.61	.74	.87	46.0	13.5	3.19	.62	.75	.89	44.5	13.0	3.58	.63	.77	.91	42.0	12.3	4.04	.64	.79	.93
	1600	755	49.0	14.4	2.86	.63	.77	.91	47.5	13.9	3.20	.63	.78	.93	45.5	13.3	3.60	.64	.80	.95	43.0	12.6	4.05	.66	.82	.98
	1805	850	50.0	14.7	2.87	.65	.80	.95	48.0	14.1	3.22	.66	.82	.97	46.0	13.5	3.61	.67	.84	.99	44.0	12.9	4.07	.68	.86	1.00
71°F (22°C)	1420	670	50.5	14.8	2.88	.47	.60	.72	49.0	14.4	3.23	.47	.60	.73	47.0	13.8	3.62	.48	.61	.75	44.5	13.0	4.08	.48	.62	.76
	1600	755	52.0	15.2	2.90	.48	.61	.75	50.0	14.7	3.24	.48	.62	.76	48.0	14.1	3.64	.48	.63	.78	45.5	13.3	4.09	.49	.64	.80
	1805	850	53.0	15.5	2.92	.49	.63	.78	51.0	14.9	3.26	.49	.65	.80	49.0	14.4	3.65	.50	.66	.81	46.5	13.6	4.11	.50	.67	.84

COOLING CAPACITY - 13ACD-048 with TXV [CH33-48C-2F + G61MPV-60C-090] [CH33-48C-2F + G71MPP-60C-090]

63°F (17°C)	1400	660	45.5	13.3	2.79	.76	.90	1.00	44.0	12.9	3.14	.77	.92	1.00	42.0	12.3	3.53	.79	.94	1.00	40.0	11.7	3.99	.81	.96	1.00
	1605	760	47.0	13.8	2.81	.79	.94	1.00	45.0	13.2	3.15	.81	.96	1.00	43.0	12.6	3.55	.82	.98	1.00	41.0	12.0	4.00	.84	1.00	1.00
	1790	845	48.0	14.1	2.82	.82	.98	1.00	46.0	13.5	3.16	.84	.99	1.00	44.0	12.9	3.56	.86	1.00	1.00	42.0	12.3	4.02	.88	1.00	1.00
67°F (19°C)	1400	660	48.5	14.2	2.83	.61	.74	.87	46.5	13.6	3.17	.61	.75	.88	44.5	13.0	3.56	.62	.76	.90	42.5	12.5	4.02	.63	.78	.93
	1605	760	49.5	14.5	2.84	.63	.77	.91	48.0	14.1	3.19	.64	.78	.93	46.0	13.5	3.58	.65	.80	.95	43.5	12.7	4.04	.66	.82	.98
	1790	845	50.5	14.8	2.86	.65	.80	.95	48.5	14.2	3.20	.66	.81	.97	46.5	13.6	3.60	.67	.83	.99	44.5	13.0	4.05	.68	.85	1.00
71°F (22°C)	1400	660	51.0	14.9	2.86	.47	.59	.71	49.0	14.4	3.21	.47	.60	.73	47.0	13.8	3.60	.47	.61	.74	45.0	13.2	4.06	.48	.62	.76
	1605	760	52.5	15.4	2.88	.48	.61	.75	50.5	14.8	3.23	.48	.62	.76	48.5	14.2	3.62	.49	.63	.78	46.0	13.5	4.08	.49	.65	.80
	1790	845	53.5	15.7	2.89	.49	.63	.78	51.5	15.1	3.24	.49	.64	.79	49.0	14.4	3.64	.50	.66	.81	47.0	13.8	4.09	.50	.67	.83

COOLING CAPACITY - 13ACD-048 with RFC [CH33-48C-2F + G61MPV-60C-090] [CH33-48C-2F + G71MPP-60C-090]

63°F (17°C)	1400	660	45.0	13.2	2.81	.76	.90	1.00	43.5	12.7	3.15	.78	.92	1.00	41.5	12.2	3.55	.79	.94	1.00	39.5	11.6	4.00	.81	.96	1.00
	1605	760	46.5	13.6	2.82	.79	.94	1.00	44.5	13.0	3.17	.81	.96	1.00	42.5	12.5	3.56	.83	.98	1.00	40.5	11.9	4.02	.85	1.00	1.00
	1790	845	47.5	13.9	2.84	.82	.98	1.00	45.5	13.3	3.18	.84	1.00	1.00	43.5	12.7	3.57	.86	1.00	1.00	42.0	12.3	4.04	.88	1.00	1.00
67°F (19°C)	1400	660	48.0	14.1	2.84	.61	.74	.87	46.0	13.5	3.19	.62	.75	.89	44.0	12.9	3.58	.62	.77	.91	42.0	12.3	4.04	.64	.78	.93
	1605	760	49.0	14.4	2.86	.63	.77	.91	47.5	13.9	3.21	.64	.79	.93	45.5	13.3	3.60	.65	.80	.95	43.0	12.6	4.05	.66	.82	.98
	1790	845	50.0	14.7	2.87	.65	.80	.95	48.0	14.1	3.22	.66	.82	.97	46.0	13.5	3.61	.67	.83	.99	44.0	12.9	4.07	.68	.86	1.00
71°F (22°C)	1400	660	50.5	14.8	2.88	.47	.59	.72	48.5	14.2	3.22	.47	.60	.73	46.5	13.6	3.62	.47	.61	.74	44.5	13.0	4.08	.48	.62	.76
	1605	760	52.0	15.2	2.90	.48	.62	.75	50.0	14.7	3.24	.48	.62	.76	48.0	14.1	3.64	.49	.63	.78	45.5	13.3	4.09	.49	.65	.80
	1790	845	53.0	15.5	2.92	.49	.63	.78	51.0	14.9	3.26	.49	.64	.79	49.0	14.4	3.65	.50	.66	.81	46.5	13.6	4.11	.50	.67	.83

COOLING CAPACITY - 13ACD-048 with TXV [CH33-48C-2F + G61MPV-60C-110] [CH33-48C-2F + G71MPP-60C-110]

63°F (17°C)	1420	670	45.5	13.3	2.79	.76	.90	1.00	44.0	12.9	3.14	.78	.92	1.00	42.0	12.3	3.53	.79	.94	1.00	40.0	11.7	3.99	.81	.97	1.00
	1600	755	47.0	13.8	2.81	.79	.94	1.00	45.0	13.2	3.15	.80	.96	1.00	43.0	12.6	3.54	.82	.98	1.00	41.0	12.0	4.00	.84	1.00	1.00
	1805	850	48.0	14.1	2.82	.82	.98	1.00	46.0	13.5	3.16	.84	1.00	1.00	44.0	12.9	3.56	.86	1.00	1.00	42.0	12.3	4.02	.88	1.00	1.00
67°F (19°C)	1420	670	48.5	14.2	2.83	.61	.74	.87	46.5	13.6	3.17	.62	.75	.89	44.5	13.0	3.57	.63	.77	.91	42.5	12.5	4.03	.64	.79	.93
	1600	755	49.5	14.5	2.84	.63	.77	.91	47.5	13.9	3.19	.63	.78	.92	45.5	13.3	3.58	.64	.80	.95	43.5	12.7	4.04	.66	.82	.97
	1805	850	50.5	14.8	2.86	.65	.80	.95	48.5	14.2	3.20	.66	.81	.97	46.5	13.6	3.60	.67	.83	.99	44.0	12.9	4.05	.68	.86	1.00
71°F (22°C)	1420	670	51.0	14.9	2.86	.47	.59	.72	49.0	14.4	3.21	.47	.60	.73	47.0	13.8	3.60	.48	.61	.74	45.0	13.2	4.06	.48	.62	.76
	1600	755	52.0	15.2	2.88	.48	.61	.74	50.5	14.8	3.23	.48	.62	.76	48.0	14.1	3.62	.48	.63	.77	46.0	13.5	4.08	.49	.64	.79
	1805	850	53.5	15.7	2.90	.49	.63	.78	51.5	15.1	3.24	.49	.64	.79	49.0	14.4	3.64	.50	.66	.81	47.0	13.8	4.10	.50	.67	.83

COOLING CAPACITY - 13ACD-048 with RFC [CH33-48C-2F + G61MPV-60C-110] [CH33-48C-2F + G71MPP-60C-110]

63°F (17°C)	1420	670	45.5	13.3	2.81	.77	.90	1.00	43.5	12.7	3.15	.78	.92	1.00	42.0	12.3	3.55	.79	.94	1.00	39.5	11.6	4.01	.81	.97	1.00
	1600	755	46.5	13.6	2.82	.79	.94	1.00	44.5	13.0	3.17	.81	.96	1.00	42.5	12.5	3.56	.82	.98	1.00	40.5	11.9	4.02	.84	1.00	1.00
	1805	850	47.5	13.9	2.84	.82	.98	1.00	45.5	13.3	3.18	.84	1.00	1.00	43.5	12.7	3.57	.86	1.00	1.00	42.0	12.3	4.04	.88	1.00	1.00
67°F (19°C)	1420	670	48.0	14.1	2.84	.61	.74	.87	46.0	13.5	3.19	.62	.75	.89	44.5	13.0	3.58	.63	.77	.91	42.0	12.3	4.04	.64	.79	.93
	1600	755	49.0	14.4	2.86	.63	.77	.91	47.5	13.9	3.20	.63	.78	.93	45.5	13.3	3.60	.64	.80	.95	43.0	12.6	4.05	.66	.82	.98
	1805	850	50.0	14.7	2.87	.65	.80	.95	48.0	14.1	3.22	.66	.82	.97	46.0	13.5	3.61	.67	.84	.99	44.0	12.9	4.07	.68	.86	1.00
71°F (22°C)	1420	670	50.5	14.8	2.88	.47	.60	.72	49.0	14.4	3.23	.47	.60	.73	47.0	13.8	3.62	.48	.61	.75	44.5	13.0	4.08	.48	.62	.76
	1600	755	52.0	15.2	2.90	.48	.61	.75	50.0	14.7	3.24	.48	.62	.76	48.0	14.1	3.64	.48	.63	.78	45.5	13.3	4.09	.49	.64	.80
	1805	850	53.0	15.5	2.92	.49	.63	.78	51.0	14.9	3.26	.49	.65	.80	49.0	14.4	3.65	.50	.66	.81	46.5	13.6	4.11	.50	.67	.84

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

HORIZONTAL INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - 13ACD-048 with TXV [CH33-50/60C-2F + G60UHV-60C-090]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1460	690	46.5	13.6	2.80	.77	.92	1.00	44.5	13.0	3.15	.79	.94	1.00	43.0	12.6	3.54	.80	.96	1.00	40.5	11.9	4.00	.82	.98	1.00
	1635	770	47.5	13.9	2.82	.80	.96	1.00	45.5	13.3	3.16	.82	.98	1.00	43.5	12.7	3.55	.83	.99	1.00	41.5	12.2	4.01	.86	1.00	1.00
	1845	870	48.5	14.2	2.83	.84	.99	1.00	46.5	13.6	3.17	.85	1.00	1.00	45.0	13.2	3.57	.87	1.00	1.00	43.0	12.6	4.03	.90	1.00	1.00
67°F (19°C)	1460	690	49.0	14.4	2.84	.61	.75	.88	47.5	13.9	3.18	.62	.76	.90	45.5	13.3	3.58	.63	.78	.92	43.0	12.6	4.03	.64	.80	.95
	1635	770	50.5	14.8	2.85	.63	.78	.92	48.5	14.2	3.20	.64	.79	.94	46.5	13.6	3.59	.65	.81	.97	44.0	12.9	4.05	.66	.83	.99
	1845	870	51.5	15.1	2.87	.65	.81	.97	49.5	14.5	3.21	.66	.83	.99	47.0	13.8	3.61	.68	.85	1.00	45.0	13.2	4.06	.69	.87	1.00
71°F (22°C)	1460	690	52.0	15.2	2.88	.47	.60	.73	50.0	14.7	3.22	.47	.61	.74	48.0	14.1	3.62	.48	.62	.76	45.5	13.3	4.07	.48	.63	.77
	1635	770	53.0	15.5	2.89	.48	.62	.76	51.0	14.9	3.24	.48	.63	.77	49.0	14.4	3.63	.49	.64	.79	46.5	13.6	4.09	.49	.65	.81
	1845	870	54.0	15.8	2.91	.49	.64	.79	52.0	15.2	3.25	.49	.65	.81	50.0	14.7	3.65	.50	.67	.83	47.5	13.9	4.10	.51	.68	.85

COOLING CAPACITY - 13ACD-048 with RFC [CH33-50/60C-2F + G60UHV-60C-090]

63°F (17°C)	1460	690	46.0	13.5	2.82	.78	.92	1.00	44.0	12.9	3.16	.79	.94	1.00	42.5	12.5	3.56	.80	.96	1.00	40.5	11.9	4.01	.82	.99	1.00
	1635	770	47.0	13.8	2.83	.80	.96	1.00	45.0	13.2	3.17	.82	.98	1.00	43.5	12.7	3.57	.84	1.00	1.00	41.5	12.2	4.03	.86	1.00	1.00
	1845	870	48.0	14.1	2.85	.84	1.00	1.00	46.5	13.6	3.19	.85	1.00	1.00	44.5	13.0	3.59	.87	1.00	1.00	42.5	12.5	4.05	.90	1.00	1.00
67°F (19°C)	1460	690	48.5	14.2	2.86	.62	.75	.89	47.0	13.8	3.20	.62	.77	.91	45.0	13.2	3.59	.63	.78	.93	43.0	12.6	4.05	.64	.80	.95
	1635	770	50.0	14.7	2.87	.63	.78	.93	48.0	14.1	3.21	.64	.80	.95	46.0	13.5	3.61	.65	.81	.97	43.5	12.7	4.07	.67	.83	.99
	1845	870	51.0	14.9	2.89	.65	.82	.97	49.0	14.4	3.23	.66	.83	.99	47.0	13.8	3.62	.68	.85	1.00	44.5	13.0	4.08	.69	.88	1.00
71°F (22°C)	1460	690	51.5	15.1	2.89	.47	.60	.73	49.5	14.5	3.24	.47	.61	.74	47.5	13.9	3.63	.48	.62	.76	45.5	13.3	4.09	.48	.63	.78
	1635	770	52.5	15.4	2.91	.48	.62	.76	50.5	14.8	3.25	.48	.63	.77	48.5	14.2	3.65	.49	.64	.79	46.0	13.5	4.11	.49	.65	.81
	1845	870	53.5	15.7	2.93	.49	.64	.79	51.5	15.1	3.27	.49	.65	.81	49.5	14.5	3.67	.50	.67	.83	47.0	13.8	4.12	.51	.68	.85

COOLING CAPACITY - 13ACD-048 with TXV [CH33-50/60C-2F + G60UHV-60C-110]

63°F (17°C)	1400	660	46.0	13.5	2.80	.77	.91	1.00	44.5	13.0	3.14	.78	.92	1.00	42.5	12.5	3.54	.79	.95	1.00	40.5	11.9	4.00	.81	.97	1.00
	1605	760	47.5	13.9	2.81	.80	.95	1.00	45.5	13.3	3.16	.81	.97	1.00	43.5	12.7	3.55	.83	.99	1.00	41.5	12.2	4.01	.85	1.00	1.00
	1790	845	48.5	14.2	2.83	.83	.99	1.00	46.5	13.6	3.17	.84	1.00	1.00	44.5	13.0	3.57	.86	1.00	1.00	43.0	12.6	4.03	.89	1.00	1.00
67°F (19°C)	1400	660	49.0	14.4	2.83	.61	.74	.87	47.0	13.8	3.18	.62	.76	.89	45.0	13.2	3.57	.63	.77	.91	43.0	12.6	4.03	.64	.79	.94
	1605	760	50.0	14.7	2.85	.63	.78	.92	48.5	14.2	3.20	.64	.79	.94	46.0	13.5	3.59	.65	.81	.96	44.0	12.9	4.05	.66	.83	.99
	1790	845	51.0	14.9	2.86	.65	.81	.96	49.0	14.4	3.21	.66	.82	.98	47.0	13.8	3.60	.67	.84	1.00	44.5	13.0	4.06	.69	.86	1.00
71°F (22°C)	1400	660	51.5	15.1	2.87	.47	.60	.72	49.5	14.5	3.22	.47	.60	.73	47.5	13.9	3.61	.48	.61	.75	45.5	13.3	4.07	.48	.62	.76
	1605	760	53.0	15.5	2.89	.48	.62	.75	51.0	14.9	3.24	.48	.63	.77	49.0	14.4	3.63	.49	.64	.78	46.5	13.6	4.09	.49	.65	.81
	1790	845	54.0	15.8	2.90	.49	.64	.78	52.0	15.2	3.25	.49	.65	.80	49.5	14.5	3.65	.50	.66	.82	47.5	13.9	4.10	.51	.68	.84

COOLING CAPACITY - 13ACD-048 with RFC [CH33-50/60C-2F + G60UHV-60C-110]

63°F (17°C)	1420	670	45.5	13.3	2.82	.77	.91	1.00	44.0	12.9	3.16	.78	.93	1.00	42.0	12.3	3.55	.80	.95	1.00	40.0	11.7	4.01	.82	.98	1.00
	1600	755	47.0	13.8	2.83	.80	.95	1.00	45.0	13.2	3.17	.81	.97	1.00	43.0	12.6	3.57	.83	.99	1.00	41.0	12.0	4.02	.85	1.00	1.00
	1805	850	48.0	14.1	2.85	.83	.99	1.00	46.0	13.5	3.19	.85	1.00	1.00	44.5	13.0	3.58	.87	1.00	1.00	42.5	12.5	4.05	.89	1.00	1.00
67°F (19°C)	1420	670	48.5	14.2	2.85	.61	.75	.88	46.5	13.6	3.19	.62	.76	.90	45.0	13.2	3.59	.63	.78	.92	42.5	12.5	4.05	.64	.79	.94
	1600	755	49.5	14.5	2.87	.63	.78	.92	47.5	13.9	3.21	.64	.79	.94	45.5	13.3	3.60	.65	.81	.96	43.5	12.7	4.06	.66	.83	.99
	1805	850	50.5	14.8	2.88	.65	.81	.96	49.0	14.4	3.23	.66	.83	.98	46.5	13.6	3.62	.67	.85	1.00	44.5	13.0	4.07	.69	.87	1.00
71°F (22°C)	1420	670	51.0	14.9	2.89	.47	.60	.72	49.5	14.5	3.23	.47	.61	.74	47.0	13.8	3.63	.48	.62	.75	45.0	13.2	4.09	.48	.63	.77
	1600	755	52.5	15.4	2.91	.48	.62	.75	50.5	14.8	3.25	.48	.63	.77	48.5	14.2	3.65	.49	.64	.78	46.0	13.5	4.10	.49	.65	.80
	1805	850	53.5	15.7	2.93	.49	.64	.79	51.5	15.1	3.27	.49	.65	.80	49.5	14.5	3.66	.50	.66	.82	47.0	13.8	4.12	.51	.68	.85

COOLING CAPACITY - 13ACD-048 with TXV [CH33-50/60C-2F + G61MPV-60C-090] [CH33-50/60C-2F + G71MPP-60C-090]

63°F (17°C)	1400	660	46.0	13.5	2.80	.77	.91	1.00	44.5	13.0	3.14	.78	.92	1.00	42.5	12.5	3.54	.79	.95	1.00	40.5	11.9	4.00	.81	.97	1.00
	1605	760	47.5	13.9	2.81	.80	.95	1.00	45.5	13.3	3.16	.81	.97	1.00	43.5	12.7	3.55	.83	.99	1.00	41.5	12.2	4.01	.85	1.00	1.00
	1790	845	48.5	14.2	2.83	.83	.99	1.00	46.5	13.6	3.17	.84	1.00	1.00	44.5	13.0	3.57	.86	1.00	1.00	43.0	12.6	4.03	.89	1.00	1.00
67°F (19°C)	1400	660	49.0	14.4	2.83	.61	.74	.87	47.0	13.8	3.18	.62	.76	.89	45.0	13.2	3.57	.63	.77	.91	43.0	12.6	4.03	.64	.79	.94
	1605	760	50.0	14.7	2.85	.63	.78	.92	48.5	14.2	3.20	.64	.79	.94	46.0	13.5	3.59	.65	.81	.96	44.0	12.9	4.05	.66	.83	.99
	1790	845	51.0	14.9	2.86	.65	.81	.96	49.0	14.4	3.21	.66	.82	.98	47.0	13.8	3.60	.67	.84	1.00	44.5	13.0	4.06	.69	.86	1.00
71°F (22°C)	1400	660	51.5	15.1	2.87	.47	.60	.72	49.5	14.5	3.22	.47	.60	.73	47.5	13.9	3.61	.48	.61	.75	45.5	13.3	4.07	.48	.62	.76
	1605	760	53.0	15.5	2.89	.48	.62	.75	51.0	14.9	3.24	.48	.63	.77	49.0	14.4	3.63	.49	.64	.78	46.5	13.6	4.09	.49	.65	.81
	1790	845	54.0	15.8	2.90	.49	.64	.78	52.0	15.2	3.25	.49	.65	.80	49.5	14.5	3.65	.50	.66	.82	47.5	13.9	4.10	.51	.68	.84

COOLING CAPACITY - 13ACD-048 with RFC [CH33-50/60C-2F + G61MPV-60C-090] [CH33-50/60C-2F + G71MPP-60C-090]

63°F (17°C)	1400	660	45.5	13.3	2.81	.77	.91	1.00	44.0	12.9	3.16	.78	.93	1.00	42.0	12.3	3.55	.80	.95	1.00	40.0	11.7	4.01	.81	.97	1.00
	1605	760	47.0	13.8	2.83	.80	.95	1.00	45.0	13.2	3.17	.82	.97	1.00	43.0	12.6	3.57	.83	.99	1.00	41.0	12.0	4.03	.85	1.00	1.00
	1790	845	48.0	14.1	2.84	.83	.99	1.00	46.0	13.5	3.19	.85	1.00	1.00	44.5	13.0	3.58	.87	1.00	1.00	42.5	12.5	4.05	.89	1.00	1.00
67°F (19°C)	1400	660	48.5	14.2	2.85	.61	.75	.88	46.5	13.6	3.19	.62	.76	.89	44.5	13.0	3.59	.63	.77	.91	42.5	12.5	4.05	.64	.79	.94
	1605	760	49.5	14.5	2.87	.63	.78	.92	48.0	14.1	3.21	.64	.79	.94	46.0	13.5	3.60	.65	.81	.96	43.5	12.7	4.06	.66	.83	.99
	1790	845	50.5	14.8	2.88	.65	.81	.96	48.5	14.2	3.22	.66	.82	.98	46.5	13.6	3.62	.67	.84	1.00	44.5	13.0	4.07	.69	.87	1.00
71°F (22°C)	1400	660	51.0	14.9	2.89	.47	.60	.72	49.0	14.4	3.23	.47	.60	.73	47.0	13.8	3.63	.48	.61	.75	45.0	13.2	4.09	.48	.63	.77
	1605	760	52.5	15.4	2.91	.48	.62	.76	50.5	14.8	3.25	.48	.63	.77	48.5	14.2	3.65	.49	.64	.79	46.0	13.5	4.10	.49	.65	.81
	1790	845	53.5	15.7	2.93	.49	.64	.79	51.5	15.1	3.27	.49	.65	.80	49.5	14.5	3.66	.50	.66	.82	47.0	13.8	4.12	.51	.68	.84

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

HORIZONTAL INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - 13ACD-048 with TXV

[CH33-50/60C-2F + G61MPV-60C-110]
[CH33-50/60C-2F + G71MPP-60C-110]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	1405	665	46.0	13.5	2.80	.77	.91	1.00	44.5	13.0	3.14	.78	.92	1.00	42.5	12.5	3.54	.79	.95	1.00	40.5	11.9	4.00	.81	.97	1.00
	1605	760	47.5	13.9	2.81	.80	.95	1.00	45.5	13.3	3.16	.81	.97	1.00	43.5	12.7	3.55	.83	.99	1.00	41.5	12.2	4.01	.85	1.00	1.00
	1790	845	48.5	14.2	2.83	.83	.99	1.00	46.5	13.6	3.17	.84	1.00	1.00	44.5	13.0	3.57	.86	1.00	1.00	43.0	12.6	4.03	.89	1.00	1.00
67°F (19°C)	1405	665	49.0	14.4	2.83	.61	.74	.87	47.0	13.8	3.18	.62	.76	.89	45.0	13.2	3.57	.63	.77	.91	43.0	12.6	4.03	.64	.79	.94
	1605	760	50.0	14.7	2.85	.63	.78	.92	48.5	14.2	3.20	.64	.79	.94	46.0	13.5	3.59	.65	.81	.96	44.0	12.9	4.05	.66	.83	.99
	1790	845	51.0	14.9	2.86	.65	.81	.96	49.0	14.4	3.21	.66	.82	.98	47.0	13.8	3.60	.67	.84	1.00	44.5	13.0	4.06	.69	.87	1.00
71°F (22°C)	1405	665	51.5	15.1	2.87	.47	.60	.72	49.5	14.5	3.22	.47	.60	.73	47.5	13.9	3.61	.48	.61	.75	45.5	13.3	4.07	.48	.62	.76
	1605	760	53.0	15.5	2.89	.48	.62	.75	51.0	14.9	3.24	.48	.63	.77	49.0	14.4	3.63	.49	.64	.78	46.5	13.6	4.09	.49	.65	.81
	1790	845	54.0	15.8	2.90	.49	.64	.78	52.0	15.2	3.25	.49	.65	.80	50.0	14.7	3.65	.50	.66	.82	47.5	13.9	4.10	.51	.68	.84

COOLING CAPACITY - 13ACD-048 with RFC

[CH33-50/60C-2F + G61MPV-60C-110]
[CH33-50/60C-2F + G71MPP-60C-110]

63°F (17°C)	1405	665	45.5	13.3	2.81	.77	.91	1.00	44.0	12.9	3.16	.78	.93	1.00	42.0	12.3	3.55	.80	.95	1.00	40.0	11.7	4.01	.81	.97	1.00
	1605	760	47.0	13.8	2.83	.80	.95	1.00	45.0	13.2	3.17	.82	.97	1.00	43.0	12.6	3.57	.83	.99	1.00	41.0	12.0	4.03	.85	1.00	1.00
	1790	845	48.0	14.1	2.84	.83	.99	1.00	46.0	13.5	3.19	.85	1.00	1.00	44.5	13.0	3.58	.87	1.00	1.00	42.5	12.5	4.05	.89	1.00	1.00
67°F (19°C)	1405	665	48.5	14.2	2.85	.61	.75	.88	46.5	13.6	3.19	.62	.76	.89	44.5	13.0	3.59	.63	.77	.91	42.5	12.5	4.05	.64	.79	.94
	1605	760	49.5	14.5	2.87	.63	.78	.92	48.0	14.1	3.21	.64	.79	.94	46.0	13.5	3.60	.65	.81	.96	43.5	12.7	4.06	.66	.83	.99
	1790	845	50.5	14.8	2.88	.65	.81	.96	48.5	14.2	3.22	.66	.83	.98	46.5	13.6	3.62	.67	.84	1.00	44.5	13.0	4.07	.69	.87	1.00
71°F (22°C)	1405	665	51.0	14.9	2.89	.47	.60	.72	49.0	14.4	3.23	.47	.60	.73	47.0	13.8	3.63	.48	.61	.75	45.0	13.2	4.09	.48	.63	.77
	1605	760	52.5	15.4	2.91	.48	.62	.76	50.5	14.8	3.25	.48	.63	.77	48.5	14.2	3.65	.49	.64	.79	46.0	13.5	4.10	.49	.65	.81
	1790	845	53.5	15.7	2.93	.49	.64	.79	51.5	15.1	3.27	.49	.65	.80	49.5	14.5	3.66	.50	.66	.82	47.0	13.8	4.12	.51	.68	.84

COOLING CAPACITY - 13ACD-048 with TXV

[CH33-60D-2F + G60UHV-60D-135]

63°F (17°C)	1370	645	45.5	13.3	2.79	.75	.89	1.00	44.0	12.9	3.14	.77	.91	1.00	42.0	12.3	3.53	.78	.93	1.00	40.0	11.7	3.99	.80	.95	1.00
	1575	745	47.0	13.8	2.81	.79	.94	1.00	45.0	13.2	3.15	.80	.95	1.00	43.0	12.6	3.55	.82	.98	1.00	41.0	12.0	4.00	.84	1.00	1.00
	1745	825	48.0	14.1	2.82	.81	.97	1.00	46.0	13.5	3.16	.83	.99	1.00	44.0	12.9	3.56	.85	1.00	1.00	42.0	12.3	4.02	.87	1.00	1.00
67°F (19°C)	1370	645	48.0	14.1	2.82	.60	.73	.86	46.5	13.6	3.17	.61	.74	.88	44.5	13.0	3.57	.62	.76	.90	42.5	12.5	4.02	.63	.77	.92
	1575	745	49.5	14.5	2.84	.62	.76	.90	47.5	13.9	3.19	.63	.78	.92	45.5	13.3	3.58	.64	.79	.94	43.5	12.7	4.04	.65	.81	.97
	1745	825	50.5	14.8	2.85	.64	.79	.94	48.5	14.2	3.20	.65	.81	.96	46.5	13.6	3.59	.66	.82	.98	44.0	12.9	4.05	.67	.85	1.00
71°F (22°C)	1370	645	51.0	14.9	2.86	.46	.59	.71	49.0	14.4	3.21	.47	.60	.72	47.0	13.8	3.60	.47	.60	.73	45.0	13.2	4.06	.47	.61	.75
	1575	745	52.5	15.4	2.88	.47	.61	.74	50.5	14.8	3.23	.48	.62	.75	48.5	14.2	3.62	.48	.63	.77	46.0	13.5	4.08	.49	.64	.79
	1745	825	53.0	15.5	2.89	.48	.63	.77	51.5	15.1	3.24	.48	.64	.78	49.0	14.4	3.64	.49	.65	.80	47.0	13.8	4.09	.49	.66	.82

COOLING CAPACITY - 13ACD-048 with RFC

[CH33-60D-2F + G60UHV-60D-135]

63°F (17°C)	1335	630	45.0	13.2	2.80	.75	.89	1.00	43.0	12.6	3.15	.76	.91	1.00	41.5	12.2	3.54	.78	.92	1.00	39.5	11.6	4.00	.80	.95	1.00
	1540	725	46.0	13.5	2.82	.78	.93	1.00	44.5	13.0	3.16	.80	.95	1.00	42.5	12.5	3.56	.81	.97	1.00	40.5	11.9	4.02	.83	1.00	1.00
	1710	805	47.0	13.8	2.83	.81	.97	1.00	45.5	13.3	3.18	.83	.99	1.00	43.5	12.7	3.57	.84	1.00	1.00	41.5	12.2	4.03	.87	1.00	1.00
67°F (19°C)	1335	630	47.5	13.9	2.84	.60	.73	.85	46.0	13.5	3.18	.61	.74	.87	44.0	12.9	3.58	.62	.75	.89	42.0	12.3	4.04	.63	.77	.91
	1540	725	49.0	14.4	2.86	.62	.76	.90	47.0	13.8	3.20	.63	.77	.92	45.0	13.2	3.60	.64	.79	.94	43.0	12.6	4.06	.65	.81	.97
	1710	805	50.0	14.7	2.87	.64	.79	.94	48.0	14.1	3.21	.65	.80	.96	46.0	13.5	3.61	.66	.82	.98	43.5	12.7	4.07	.67	.84	1.00
71°F (22°C)	1335	630	50.0	14.7	2.88	.46	.59	.70	48.5	14.2	3.22	.46	.59	.72	46.5	13.6	3.62	.47	.60	.73	44.5	13.0	4.08	.47	.61	.75
	1540	725	51.5	15.1	2.90	.47	.61	.74	50.0	14.7	3.24	.47	.61	.75	48.0	14.1	3.64	.48	.62	.77	45.5	13.3	4.09	.48	.64	.79
	1710	805	52.5	15.4	2.91	.48	.62	.76	50.5	14.8	3.26	.48	.63	.78	48.5	14.2	3.65	.49	.65	.80	46.5	13.6	4.11	.49	.66	.82

COOLING CAPACITY - 13ACD-048 with TXV

[CH33-60D-2F + G61MPV-60D-135]
[CH33-60D-2F + G71MPP-60D-135]

63°F (17°C)	1400	660	46.0	13.5	2.79	.76	.90	1.00	44.0	12.9	3.14	.77	.92	1.00	42.0	12.3	3.53	.79	.94	1.00	40.0	11.7	3.99	.81	.96	1.00
	1600	755	47.0	13.8	2.81	.79	.94	1.00	45.0	13.2	3.15	.81	.96	1.00	43.5	12.7	3.55	.82	.98	1.00	41.0	12.0	4.00	.84	1.00	1.00
	1780	840	48.0	14.1	2.82	.82	.98	1.00	46.0	13.5	3.17	.84	1.00	1.00	44.0	12.9	3.56	.86	1.00	1.00	42.5	12.5	4.02	.88	1.00	1.00
67°F (19°C)	1400	660	48.5	14.2	2.83	.61	.74	.87	46.5	13.6	3.17	.61	.75	.88	45.0	13.2	3.57	.62	.76	.90	42.5	12.5	4.03	.63	.78	.93
	1600	755	49.5	14.5	2.84	.63	.77	.91	48.0	14.1	3.19	.63	.78	.93	46.0	13.5	3.59	.65	.80	.95	43.5	12.7	4.04	.66	.82	.98
	1780	840	50.5	14.8	2.86	.64	.80	.95	49.0	14.4	3.20	.65	.81	.97	46.5	13.6	3.60	.66	.83	.99	44.5	13.0	4.05	.68	.86	1.00
71°F (22°C)	1400	660	51.0	14.9	2.86	.47	.59	.71	49.5	14.5	3.21	.47	.60	.73	47.5	13.9	3.61	.47	.61	.74	45.0	13.2	4.06	.48	.62	.76
	1600	755	52.5	15.4	2.88	.48	.61	.75	50.5	14.8	3.23	.48	.62	.76	48.5	14.2	3.62	.48	.63	.78	46.5	13.6	4.08	.49	.65	.80
	1780	840	53.5	15.7	2.90	.48	.63	.78	51.5	15.1	3.24	.49	.64	.79	49.5	14.5	3.64	.49	.65	.81	47.0	13.8	4.10	.50	.67	.83

COOLING CAPACITY - 13ACD-048 with RFC

[CH33-60D-2F + G61MPV-60D-135]
[CH33-60D-2F + G71MPP-60D-135]

63°F (17°C)	1400	660	45.5	13.3	2.81	.76	.90	1.00	43.5	12.7	3.15	.78	.92	1.00	42.0	12.3	3.55	.79	.94	1.00	39.5	11.6	4.01	.81	.97	1.00
	1600	755	46.5	13.6	2.83	.79	.95	1.00	45.0	13.2	3.17	.81	.96	1.00	43.0	12.6	3.56	.83	.99	1.00	41.0	12.0	4.02	.85	1.00	1.00
	1780	840	47.5	13.9	2.84	.82	.98	1.00	45.5	13.3	3.18	.84	1.00	1.00	44.0	12.9	3.58	.86	1.00	1.00	42.0	12.3	4.04	.88	1.00	1.00
67°F (19°C)	1400	660	48.0	14.1	2.85	.61	.74	.87	46.5	13.6	3.19	.61	.75	.89	44.5	13.0	3.59	.62	.77	.91	42.5	12.5	4.05	.63	.78	.93
	1600	755	49.5	14.5	2.86	.63	.77	.91	47.5	13.9	3.21	.64	.79	.93	45.5	13.3	3.60	.65	.80	.96	43.5	12.7	4.06	.66	.82	.98
	1780	840	50.5	14.8	2.88	.65	.80	.95	48.5	14.2	3.22	.65	.82	.97	46.5	13.6	3.61	.67	.83	.99	44.0	12.9	4.07	.67	.86	1.00
71°F (22°C)	1400	660	51.0	14.9	2.88	.47	.59	.72	49.0	14.4	3.23	.47	.60	.73	47.0	13.8	3.63	.47	.61	.74	45.0	13.2	4.08	.48	.62	.76
	1600	755	52.0	15.2	2.91	.48	.61	.75	50.0	14.7	3.25	.48	.62	.76	48.0	14.1	3.64	.48	.63	.78	46.0	13.5	4.10	.49	.65	.80
	1780	840	53.0	15.5	2.92	.49	.63	.78	51.0	14.9	3.26	.49	.64	.79	49.0	14.4	3.66	.49	.66	.81	46.5	13.6	4.12	.50	.67	.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

COOLING CAPACITY - 13ACD-048 with TXV [CH33-62D-2F + G60UHV-60D-135]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1370	645	45.5	13.3	2.81	.76	.89	1.00	43.5	12.7	3.15	.77	.91	1.00	42.0	12.3	3.55	.78	.93	1.00	40.0	11.7	4.01	.80	.95	1.00
	1575	745	46.5	13.6	2.83	.79	.93	1.00	45.0	13.2	3.17	.80	.95	1.00	43.0	12.6	3.57	.82	.97	1.00	41.0	12.0	4.02	.84	1.00	1.00
	1745	825	47.5	13.9	2.84	.81	.96	1.00	46.0	13.5	3.18	.83	.98	1.00	44.0	12.9	3.58	.85	1.00	1.00	42.0	12.3	4.04	.87	1.00	1.00
67°F (19°C)	1370	645	48.0	14.1	2.84	.60	.73	.86	46.0	13.5	3.19	.61	.75	.87	44.0	12.9	3.58	.62	.76	.89	42.0	12.3	4.04	.63	.78	.92
	1575	745	49.0	14.4	2.86	.62	.76	.90	47.5	13.9	3.20	.63	.78	.92	45.5	13.3	3.60	.64	.79	.94	43.0	12.6	4.06	.65	.82	.97
	1745	825	50.0	14.7	2.88	.64	.79	.93	48.5	14.2	3.22	.65	.80	.95	46.5	13.6	3.61	.66	.82	.98	44.0	12.9	4.07	.68	.85	1.00
71°F (22°C)	1370	645	50.5	14.8	2.88	.46	.59	.71	48.5	14.2	3.22	.47	.60	.72	46.5	13.6	3.62	.47	.61	.74	44.5	13.0	4.08	.47	.62	.75
	1575	745	52.0	15.2	2.90	.47	.61	.74	50.0	14.7	3.24	.48	.62	.76	48.0	14.1	3.64	.48	.63	.77	45.5	13.3	4.10	.49	.64	.79
	1745	825	53.0	15.5	2.91	.48	.63	.77	51.0	14.9	3.26	.49	.64	.78	49.0	14.4	3.65	.49	.65	.80	46.5	13.6	4.11	.50	.66	.82

COOLING CAPACITY - 13ACD-048 with RFC [CH33-62D-2F + G60UHV-60D-135]

63°F (17°C)	1370	645	45.5	13.3	2.81	.76	.89	1.00	43.5	12.7	3.15	.77	.91	1.00	42.0	12.3	3.55	.78	.93	1.00	40.0	11.7	4.01	.80	.95	1.00
	1575	745	46.5	13.6	2.83	.79	.93	1.00	45.0	13.2	3.17	.80	.95	1.00	43.0	12.6	3.57	.82	.97	1.00	41.0	12.0	4.02	.84	1.00	1.00
	1745	825	47.5	13.9	2.84	.81	.96	1.00	46.0	13.5	3.18	.83	.98	1.00	44.0	12.9	3.58	.85	1.00	1.00	42.0	12.3	4.04	.87	1.00	1.00
67°F (19°C)	1370	645	48.0	14.1	2.84	.60	.73	.86	46.0	13.5	3.19	.61	.75	.87	44.0	12.9	3.58	.62	.76	.89	42.0	12.3	4.04	.63	.78	.92
	1575	745	49.0	14.4	2.86	.62	.76	.90	47.5	13.9	3.20	.63	.78	.92	45.5	13.3	3.60	.64	.79	.94	43.0	12.6	4.06	.65	.82	.97
	1745	825	50.0	14.7	2.88	.64	.79	.93	48.5	14.2	3.22	.65	.80	.95	46.5	13.6	3.61	.66	.82	.98	44.0	12.9	4.07	.68	.85	1.00
71°F (22°C)	1370	645	50.5	14.8	2.88	.46	.59	.71	48.5	14.2	3.22	.47	.60	.72	46.5	13.6	3.62	.47	.61	.74	44.5	13.0	4.08	.47	.62	.75
	1575	745	52.0	15.2	2.90	.47	.61	.74	50.0	14.7	3.24	.48	.62	.76	48.0	14.1	3.64	.48	.63	.77	45.5	13.3	4.10	.49	.64	.79
	1745	825	53.0	15.5	2.91	.48	.63	.77	51.0	14.9	3.26	.49	.64	.78	49.0	14.4	3.65	.49	.65	.80	46.5	13.6	4.11	.50	.66	.82

COOLING CAPACITY - 13ACD-048 with TXV [CH33-62D-2F + G61MPV-60D-135] [CH33-62D-2F + G71MPP-60D-135]

63°F (17°C)	1380	650	45.0	13.2	2.80	.76	.89	1.00	43.5	12.7	3.14	.77	.91	1.00	41.5	12.2	3.53	.79	.93	1.00	39.5	11.6	3.99	.81	.96	1.00
	1580	745	46.5	13.6	2.82	.79	.94	1.00	45.0	13.2	3.16	.80	.96	1.00	43.0	12.6	3.55	.82	.98	1.00	41.0	12.0	4.00	.84	1.00	1.00
	1760	830	47.5	13.9	2.83	.82	.97	1.00	45.5	13.3	3.17	.83	.99	1.00	44.0	12.9	3.56	.85	1.00	1.00	42.0	12.3	4.02	.88	1.00	1.00
67°F (19°C)	1380	650	47.5	13.9	2.84	.61	.74	.86	46.0	13.5	3.18	.61	.75	.88	44.0	12.9	3.57	.62	.76	.90	42.0	12.3	4.02	.63	.78	.92
	1580	745	49.0	14.4	2.86	.63	.77	.90	47.5	13.9	3.20	.64	.78	.92	45.5	13.3	3.59	.65	.80	.95	43.0	12.6	4.04	.66	.82	.97
	1760	830	50.0	14.7	2.87	.65	.80	.94	48.0	14.1	3.21	.65	.81	.96	46.0	13.5	3.60	.67	.83	.98	44.0	12.9	4.05	.68	.85	1.00
71°F (22°C)	1380	650	50.0	14.7	2.87	.47	.59	.71	48.5	14.2	3.22	.47	.60	.73	46.5	13.6	3.60	.47	.61	.74	44.5	13.0	4.06	.48	.62	.76
	1580	745	51.5	15.1	2.89	.48	.61	.75	49.5	14.5	3.23	.48	.62	.76	47.5	13.9	3.62	.48	.63	.78	45.5	13.3	4.08	.49	.65	.80
	1760	830	52.5	15.4	2.91	.49	.63	.77	50.5	14.8	3.25	.49	.64	.79	48.5	14.2	3.64	.50	.66	.81	46.5	13.6	4.09	.50	.67	.83

COOLING CAPACITY - 13ACD-048 with RFC [CH33-62D-2F + G61MPV-60D-135] [CH33-62D-2F + G71MPP-60D-135]

63°F (17°C)	1380	650	46.0	13.5	2.80	.76	.89	1.00	44.5	13.0	3.15	.77	.90	1.00	42.5	12.5	3.55	.78	.92	1.00	40.5	11.9	4.01	.80	.95	1.00
	1580	745	47.5	13.9	2.82	.78	.93	1.00	45.5	13.3	3.17	.80	.95	1.00	43.5	12.7	3.57	.81	.97	1.00	41.5	12.2	4.03	.83	.99	1.00
	1760	830	48.5	14.2	2.83	.81	.96	1.00	46.5	13.6	3.18	.83	.98	1.00	44.5	13.0	3.58	.84	1.00	1.00	42.5	12.5	4.04	.87	1.00	1.00
67°F (19°C)	1380	650	48.5	14.2	2.83	.60	.73	.85	47.0	13.8	3.18	.61	.74	.87	45.0	13.2	3.58	.62	.76	.89	43.0	12.6	4.04	.63	.78	.91
	1580	745	50.0	14.7	2.85	.62	.76	.89	48.0	14.1	3.20	.63	.77	.91	46.0	13.5	3.60	.64	.79	.94	44.0	12.9	4.06	.65	.81	.96
	1760	830	51.0	14.9	2.87	.64	.79	.93	49.0	14.4	3.21	.65	.80	.95	47.0	13.8	3.61	.66	.82	.98	45.0	13.2	4.08	.67	.84	1.00
71°F (22°C)	1380	650	51.0	14.9	2.87	.47	.59	.71	49.0	14.4	3.21	.47	.60	.72	47.5	13.9	3.61	.47	.61	.74	45.0	13.2	4.08	.48	.62	.75
	1580	745	52.5	15.4	2.89	.48	.61	.74	50.5	14.8	3.23	.48	.62	.75	48.5	14.2	3.63	.48	.63	.77	46.5	13.6	4.10	.49	.64	.79
	1760	830	53.5	15.7	2.90	.48	.63	.77	51.5	15.1	3.25	.49	.64	.78	49.5	14.5	3.65	.49	.65	.80	47.0	13.8	4.11	.50	.67	.82

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		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - 13ACD-048 with TXV																											**[CB26UH-048]**
63°F (17°C)	1400	660	46.5	13.6	2.80	.78	.92	1.00	45.0	13.2	3.15	.79	.94	1.00	43.0	12.6	3.54	.81	.96	1.00	41.0	12.0	4.00	.83	.98	1.00
	1600	755	48.0	14.1	2.82	.81	.96	1.00	46.0	13.5	3.16	.82	.98	1.00	44.0	12.9	3.56	.84	1.00	1.00	42.0	12.3	4.02	.86	1.00	1.00
67°F (19°C)	1400	660	49.5	14.5	2.84	.62	.75	.89	47.5	13.9	3.18	.63	.77	.90	45.5	13.3	3.58	.64	.78	.92	43.0	12.6	4.03	.65	.80	.95
	1600	755	50.5	14.8	2.85	.64	.78	.93	48.5	14.2	3.20	.65	.80	.95	46.5	13.6	3.59	.66	.82	.97	44.0	12.9	4.05	.67	.84	1.00
71°F (22°C)	1400	660	52.0	15.2	2.87	.47	.60	.73	50.0	14.7	3.22	.48	.61	.74	48.0	14.1	3.61	.48	.62	.76	45.5	13.3	4.07	.49	.63	.78
	1600	755	53.0	15.5	2.89	.48	.62	.76	51.0	14.9	3.24	.49	.63	.78	49.0	14.4	3.63	.49	.64	.80	46.5	13.6	4.09	.50	.66	.82
COOLING CAPACITY - 13ACD-048 with TXV																											**[CB30M-46]**
63°F (17°C)	1400	660	47.0	13.8	2.81	.78	.93	1.00	45.5	13.3	3.15	.79	.95	1.00	43.5	12.7	3.55	.81	.97	1.00	41.0	12.0	4.01	.83	.99	1.00
	1600	755	48.5	14.2	2.83	.82	.98	1.00	46.5	13.6	3.17	.83	.99	1.00	44.5	13.0	3.57	.85	1.00	1.00	43.0	12.6	4.03	.87	1.00	1.00
67°F (19°C)	1400	660	50.0	14.7	2.85	.62	.76	.90	48.0	14.1	3.19	.62	.77	.91	46.0	13.5	3.59	.63	.79	.94	43.5	12.7	4.04	.65	.81	.96
	1600	755	51.0	14.9	2.86	.64	.80	.95	49.0	14.4	3.21	.65	.81	.97	47.0	13.8	3.60	.66	.83	.99	44.5	13.0	4.06	.67	.85	1.00
71°F (22°C)	1400	660	52.5	15.4	2.88	.47	.60	.74	50.5	14.8	3.23	.47	.61	.75	48.5	14.2	3.62	.47	.62	.76	46.0	13.5	4.08	.48	.63	.78
	1600	755	54.0	15.8	2.90	.48	.63	.77	52.0	15.2	3.25	.48	.64	.79	49.5	14.5	3.64	.49	.65	.81	47.0	13.8	4.10	.49	.66	.83
COOLING CAPACITY - 13ACD-048 with TXV																											**[CB30M-51]**
63°F (17°C)	1400	660	45.5	13.3	2.79	.78	.93	1.00	44.0	12.9	3.14	.80	.95	1.00	42.0	12.3	3.53	.81	.97	1.00	40.0	11.7	3.99	.83	.99	1.00
	1600	755	47.0	13.8	2.81	.82	.97	1.00	45.0	13.2	3.15	.83	.99	1.00	43.0	12.6	3.55	.85	1.00	1.00	41.5	12.2	4.01	.87	1.00	1.00
67°F (19°C)	1400	660	48.5	14.2	2.83	.62	.76	.90	46.5	13.6	3.17	.63	.77	.92	44.5	13.0	3.56	.64	.79	.94	42.5	12.5	4.02	.65	.81	.96
	1600	755	49.5	14.5	2.84	.64	.79	.94	47.5	13.9	3.19	.65	.81	.96	45.5	13.3	3.58	.66	.83	.98	43.5	12.7	4.04	.67	.85	1.00
71°F (22°C)	1400	660	51.0	14.9	2.86	.47	.60	.74	49.0	14.4	3.21	.47	.61	.75	47.0	13.8	3.60	.48	.62	.76	44.5	13.0	4.06	.48	.64	.79
	1600	755	52.0	15.2	2.88	.48	.63	.77	50.0	14.7	3.22	.48	.64	.79	48.0	14.1	3.62	.49	.65	.80	45.5	13.3	4.08	.49	.66	.83
COOLING CAPACITY - 13ACD-048 with TXV																											**[CB30M-65]**
63°F (17°C)	1400	660	46.5	13.6	2.80	.78	.92	1.00	44.5	13.0	3.15	.79	.94	1.00	42.5	12.5	3.54	.81	.96	1.00	40.5	11.9	4.00	.83	.98	1.00
	1600	755	47.5	13.9	2.82	.81	.96	1.00	46.0	13.5	3.16	.83	.98	1.00	44.0	12.9	3.56	.84	.99	1.00	42.0	12.3	4.02	.87	1.00	1.00
	1800	850	48.5	14.2	2.83	.84	.99	1.00	47.0	13.8	3.18	.86	1.00	1.00	45.0	13.2	3.58	.88	1.00	1.00	43.0	12.6	4.03	.91	1.00	1.00
67°F (19°C)	1400	660	48.5	14.2	2.83	.62	.75	.89	47.0	13.8	3.18	.63	.77	.90	45.0	13.2	3.57	.64	.78	.92	43.0	12.6	4.03	.65	.80	.95
	1600	755	50.0	14.7	2.85	.64	.79	.93	48.0	14.1	3.19	.65	.80	.95	46.0	13.5	3.59	.66	.82	.97	44.0	12.9	4.04	.67	.84	.99
	1800	850	51.0	14.9	2.86	.66	.82	.97	49.0	14.4	3.21	.67	.84	.98	47.0	13.8	3.60	.68	.86	1.00	45.0	13.2	4.06	.70	.88	1.00
71°F (22°C)	1400	660	51.0	14.9	2.87	.47	.61	.73	49.5	14.5	3.21	.48	.61	.74	47.5	13.9	3.61	.48	.62	.76	45.0	13.2	4.07	.49	.63	.78
	1600	755	52.5	15.4	2.89	.48	.63	.77	50.5	14.8	3.23	.49	.64	.78	48.5	14.2	3.63	.49	.65	.80	46.5	13.6	4.08	.50	.66	.82
	1800	850	54.0	15.8	2.90	.50	.65	.80	51.5	15.1	3.25	.50	.66	.82	49.5	14.5	3.64	.51	.67	.84	47.0	13.8	4.10	.51	.69	.86
COOLING CAPACITY - 13ACD-048 with TXV																											**[CBX32MV-048] [CBX40UHV-048]**
63°F (17°C)	1425	675	46.0	13.5	2.79	.78	.93	1.00	44.0	12.9	3.14	.80	.95	1.00	42.0	12.3	3.53	.82	.97	1.00	40.0	11.7	3.99	.84	.99	1.00
	1625	765	47.0	13.8	2.81	.82	.98	1.00	45.0	13.2	3.15	.84	.99	1.00	43.5	12.7	3.55	.86	1.00	1.00	41.5	12.2	4.01	.88	1.00	1.00
	1820	860	48.0	14.1	2.82	.86	1.00	1.00	46.5	13.6	3.17	.88	1.00	1.00	44.5	13.0	3.57	.90	1.00	1.00	43.0	12.6	4.03	.92	1.00	1.00
67°F (19°C)	1425	675	48.5	14.2	2.83	.62	.76	.90	46.5	13.6	3.17	.63	.78	.92	44.5	13.0	3.57	.64	.79	.94	42.5	12.5	4.03	.65	.81	.97
	1625	765	49.5	14.5	2.84	.64	.80	.95	47.5	13.9	3.19	.65	.81	.97	45.5	13.3	3.58	.66	.83	.99	43.5	12.7	4.04	.68	.86	1.00
	1820	860	50.5	14.8	2.86	.67	.83	.99	48.5	14.2	3.20	.68	.85	1.00	46.5	13.6	3.60	.69	.88	1.00	44.0	12.9	4.05	.71	.90	1.00
71°F (22°C)	1425	675	51.0	14.9	2.86	.47	.61	.74	49.0	14.4	3.21	.47	.61	.75	47.0	13.8	3.60	.48	.62	.77	45.0	13.2	4.06	.48	.64	.79
	1625	765	52.5	15.4	2.88	.48	.63	.78	50.5	14.8	3.22	.48	.64	.79	48.0	14.1	3.62	.49	.65	.81	46.0	13.5	4.08	.49	.67	.83
	1820	860	53.5	15.7	2.90	.49	.66	.81	51.5	15.1	3.24	.50	.67	.83	49.0	14.4	3.64	.50	.68	.85	46.5	13.6	4.09	.51	.70	.88
COOLING CAPACITY - 13ACD-048 with TXV																											**[CBX32MV-060] [CBX40UHV-060]**
63°F (17°C)	1425	675	46.5	13.6	2.80	.78	.92	1.00	44.5	13.0	3.15	.79	.94	1.00	42.5	12.5	3.54	.81	.96	1.00	40.5	11.9	4.00	.83	.98	1.00
	1625	765	47.5	13.9	2.82	.81	.96	1.00	46.0	13.5	3.16	.83	.98	1.00	44.0	12.9	3.56	.85	1.00	1.00	42.0	12.3	4.02	.87	1.00	1.00
	1820	860	49.0	14.4	2.83	.85	.99	1.00	47.0	13.8	3.18	.86	1.00	1.00	45.0	13.2	3.58	.88	1.00	1.00	43.5	12.7	4.03	.91	1.00	1.00
67°F (19°C)	1425	675	49.0	14.4	2.83	.62	.76	.89	47.0	13.8	3.18	.63	.77	.91	45.0	13.2	3.57	.64	.79	.93	43.0	12.6	4.03	.65	.80	.95
	1625	765	50.0	14.7	2.85	.64	.79	.93	48.0	14.1	3.19	.65	.81	.95	46.0	13.5	3.59	.66	.82	.97	44.0	12.9	4.04	.67	.84	.99
	1820	860	51.0	14.9	2.86	.66	.82	.97	49.5	14.5	3.21	.67	.84	.99	47.0	13.8	3.60	.69	.86	1.00	45.0	13.2	4.06	.70	.89	1.00
71°F (22°C)	1425	675	51.5	15.1	2.87	.47	.61	.73	49.5	14.5	3.21	.47	.61	.75	47.5	13.9	3.61	.48	.62	.76	45.5	13.3	4.07	.48	.63	.78
	1625	765	52.5	15.4	2.89	.48	.63	.77	51.0	14.9	3.23	.49	.64	.78	48.5	14.2	3.63	.49	.65	.80	46.5	13.6	4.08	.50	.66	.82
	1820	860	54.0	15.8	2.90	.50	.65	.80	52.0	15.2	3.25	.50	.66	.82	49.5	14.5	3.64	.51	.68	.84	47.0	13.8	4.10	.51	.69	.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.

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		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - 13ACD-060 with TXV																										**[C33-49C]**
63°F (17°C)	1550	730	57.5	16.9	3.75	.74	.87	.98	55.0	16.1	4.19	.76	.89	1.00	53.0	15.5	4.71	.77	.91	1.00	50.5	14.8	5.31	.79	.93	1.00
	1750	825	59.0	17.3	3.77	.77	.90	1.00	56.5	16.6	4.22	.78	.92	1.00	54.0	15.8	4.73	.80	.94	1.00	51.5	15.1	5.33	.81	.97	1.00
	1950	920	60.0	17.6	3.79	.79	.93	1.00	58.0	17.0	4.23	.80	.95	1.00	55.5	16.3	4.75	.82	.98	1.00	52.5	15.4	5.36	.84	1.00	1.00
67°F (19°C)	1550	730	60.5	17.7	3.79	.60	.72	.84	58.0	17.0	4.24	.61	.73	.85	55.5	16.3	4.76	.62	.75	.87	53.0	15.5	5.36	.63	.76	.89
	1750	825	62.0	18.2	3.82	.62	.75	.87	59.5	17.4	4.27	.62	.76	.89	57.0	16.7	4.78	.63	.77	.91	54.5	16.0	5.39	.65	.79	.93
	1950	920	63.5	18.6	3.84	.63	.77	.90	61.0	17.9	4.28	.64	.78	.92	58.5	17.1	4.80	.65	.80	.95	55.5	16.3	5.41	.66	.82	.97
71°F (22°C)	1550	730	63.0	18.5	3.84	.47	.59	.70	61.0	17.9	4.29	.47	.59	.71	58.0	17.0	4.80	.47	.60	.72	55.5	16.3	5.41	.48	.61	.74
	1750	825	65.0	19.0	3.86	.48	.60	.72	62.5	18.3	4.31	.48	.61	.74	60.0	17.6	4.83	.48	.62	.75	57.0	16.7	5.44	.49	.63	.77
	1950	920	66.0	19.3	3.88	.48	.62	.75	63.5	18.6	4.33	.49	.63	.76	61.0	17.9	4.84	.49	.64	.78	58.0	17.0	5.46	.50	.65	.80
COOLING CAPACITY - 13ACD-060 with RFC																										**[C33-49C]**
63°F (17°C)	1550	730	57.5	16.9	3.74	.74	.87	.98	55.5	16.3	4.18	.75	.88	1.00	53.0	15.5	4.70	.77	.90	1.00	50.5	14.8	5.30	.78	.92	1.00
	1750	825	59.0	17.3	3.76	.77	.90	1.00	56.5	16.6	4.21	.78	.92	1.00	54.5	16.0	4.72	.79	.94	1.00	52.0	15.2	5.32	.81	.96	1.00
	1950	920	60.0	17.6	3.78	.79	.93	1.00	58.0	17.0	4.23	.80	.95	1.00	55.5	16.3	4.74	.82	.97	1.00	53.0	15.5	5.35	.84	.99	1.00
67°F (19°C)	1550	730	60.5	17.7	3.79	.60	.72	.83	58.5	17.1	4.23	.61	.73	.85	56.0	16.4	4.75	.61	.74	.87	53.5	15.7	5.35	.63	.76	.89
	1750	825	62.0	18.2	3.81	.61	.74	.87	60.0	17.6	4.25	.62	.76	.88	57.5	16.9	4.77	.63	.77	.90	54.5	16.0	5.38	.64	.79	.93
	1950	920	63.5	18.6	3.83	.63	.76	.90	61.0	17.9	4.27	.64	.78	.92	58.5	17.1	4.79	.65	.80	.94	56.0	16.4	5.40	.66	.82	.97
71°F (22°C)	1550	730	63.5	18.6	3.83	.47	.59	.70	61.0	17.9	4.27	.47	.59	.71	58.5	17.1	4.79	.47	.60	.72	56.0	16.4	5.40	.48	.61	.74
	1750	825	65.0	19.0	3.85	.48	.60	.72	62.5	18.3	4.30	.47	.61	.73	60.0	17.6	4.82	.48	.62	.75	57.5	16.9	5.42	.49	.63	.76
	1950	920	66.0	19.3	3.88	.48	.62	.74	64.0	18.8	4.32	.48	.62	.76	61.5	18.0	4.84	.49	.64	.76	58.5	17.1	5.45	.49	.65	.79
COOLING CAPACITY - 13ACD-060 with TXV																										**[C33-60D]**
63°F (17°C)	1550	730	57.0	16.7	3.73	.75	.87	.99	55.0	16.1	4.17	.76	.89	1.00	52.5	15.4	4.69	.77	.91	1.00	50.0	14.7	5.29	.79	.93	1.00
	1750	825	58.5	17.1	3.75	.77	.90	1.00	56.0	16.4	4.20	.78	.92	1.00	54.0	15.8	4.71	.80	.94	1.00	51.5	15.1	5.31	.82	.97	1.00
	1950	920	60.0	17.6	3.78	.79	.93	1.00	57.5	16.9	4.22	.81	.95	1.00	55.0	16.1	4.73	.82	.98	1.00	52.5	15.4	5.34	.84	1.00	1.00
67°F (19°C)	1550	730	60.0	17.6	3.78	.60	.72	.84	57.5	16.9	4.22	.61	.73	.85	55.0	16.1	4.74	.61	.75	.87	52.5	15.4	5.34	.62	.76	.90
	1750	825	61.5	18.0	3.80	.61	.75	.87	59.0	17.3	4.24	.62	.76	.89	57.0	16.7	4.76	.63	.77	.91	54.0	15.8	5.36	.64	.79	.93
	1950	920	63.0	18.5	3.82	.63	.77	.90	60.5	17.7	4.26	.63	.78	.92	58.0	17.0	4.78	.65	.80	.95	55.0	16.1	5.39	.66	.82	.97
71°F (22°C)	1550	730	63.5	18.6	3.83	.47	.58	.70	61.0	17.9	4.28	.47	.59	.71	59.0	17.3	4.80	.47	.60	.72	56.0	16.4	5.40	.48	.61	.74
	1750	825	65.0	19.0	3.85	.47	.60	.72	62.5	18.3	4.30	.48	.61	.74	60.0	17.6	4.82	.48	.62	.75	57.0	16.7	5.43	.49	.63	.77
	1950	920	66.0	19.3	3.87	.48	.62	.75	64.0	18.8	4.32	.48	.62	.76	61.0	17.9	4.84	.49	.64	.78	58.5	17.1	5.45	.49	.65	.80
COOLING CAPACITY - 13ACD-060 with RFC																										**[C33-60D]**
63°F (17°C)	1500	710	56.5	16.6	3.73	.74	.86	.98	54.0	15.8	4.18	.75	.88	1.00	52.0	15.2	4.69	.76	.90	1.00	49.5	14.5	5.29	.78	.92	1.00
	1700	800	58.0	17.0	3.76	.77	.90	1.00	55.5	16.3	4.20	.78	.92	1.00	53.5	15.7	4.72	.79	.94	1.00	51.0	14.9	5.32	.81	.96	1.00
	1900	895	59.5	17.4	3.78	.79	.93	1.00	57.0	16.7	4.22	.80	.95	1.00	54.5	16.0	4.74	.82	.97	1.00	52.0	15.2	5.34	.84	1.00	1.00
67°F (19°C)	1500	710	59.5	17.4	3.78	.60	.72	.83	57.5	16.9	4.23	.60	.73	.85	55.0	16.1	4.75	.61	.74	.87	52.5	15.4	5.35	.62	.76	.89
	1700	800	61.0	17.9	3.80	.61	.74	.86	58.5	17.1	4.25	.62	.75	.88	56.0	16.4	4.77	.63	.77	.91	53.5	15.7	5.37	.64	.79	.93
	1900	895	62.5	18.3	3.83	.63	.77	.90	60.0	17.6	4.27	.64	.78	.92	57.5	16.9	4.79	.65	.80	.94	54.5	16.0	5.39	.66	.82	.97
71°F (22°C)	1500	710	63.0	18.5	3.84	.47	.58	.69	60.5	17.7	4.28	.47	.59	.70	58.0	17.0	4.80	.47	.60	.72	55.5	16.3	5.41	.48	.60	.73
	1700	800	64.5	18.9	3.86	.47	.60	.72	62.0	18.2	4.30	.48	.61	.73	59.5	17.4	4.83	.48	.62	.75	56.5	16.6	5.43	.48	.63	.77
	1900	895	66.0	19.3	3.88	.48	.61	.74	63.5	18.6	4.32	.48	.62	.76	61.0	17.9	4.84	.49	.63	.78	58.0	17.0	5.45	.49	.64	.79
COOLING CAPACITY - 13ACD-060 with TXV																										**[C33-62C]**
63°F (17°C)	1550	730	59.0	17.3	3.76	.75	.88	1.00	56.5	16.6	4.20	.76	.90	1.00	54.0	15.8	4.72	.78	.92	1.00	51.5	15.1	5.32	.79	.95	1.00
	1750	825	60.5	17.7	3.78	.78	.92	1.00	58.0	17.0	4.23	.79	.94	1.00	55.5	16.3	4.74	.81	.97	1.00	52.5	15.4	5.34	.83	.99	1.00
	1950	920	61.5	18.0	3.80	.81	.96	1.00	59.0	17.3	4.24	.82	.98	1.00	56.5	16.6	4.76	.84	1.00	1.00	54.0	15.8	5.37	.86	1.00	1.00
67°F (19°C)	1550	730	62.0	18.2	3.81	.60	.72	.85	60.0	17.6	4.26	.60	.74	.87	57.5	16.9	4.77	.61	.75	.89	54.5	16.0	5.37	.62	.77	.91
	1750	825	64.0	18.8	3.84	.62	.75	.89	61.5	18.0	4.28	.63	.77	.91	58.5	17.1	4.79	.63	.78	.93	56.0	16.4	5.40	.65	.80	.96
	1950	920	65.0	19.0	3.86	.63	.78	.93	62.5	18.3	4.30	.64	.80	.95	60.0	17.6	4.81	.65	.82	.98	57.0	16.7	5.42	.67	.84	1.00
71°F (22°C)	1550	730	65.0	19.0	3.86	.46	.58	.70	63.0	18.5	4.30	.46	.59	.71	60.5	17.7	4.82	.47	.60	.73	57.5	16.9	5.43	.47	.61	.74
	1750	825	67.0	19.6	3.89	.47	.60	.73	64.5	18.9	4.32	.47	.61	.74	62.0	18.2	4.84	.48	.62	.76	59.0	17.3	5.45	.48	.63	.78
	1950	920	68.0	19.9	3.90	.48	.62	.76	66.0	19.3	4.34	.48	.63	.78	63.0	18.5	4.85	.49	.64	.79	60.0	17.6	5.47	.49	.66	.82
COOLING CAPACITY - 13ACD-060 with RFC																										**[C33-62C]**
63°F (17°C)	1550	730	58.5	17.1	3.77	.75	.88	1.00	56.0	16.4	4.21	.76	.90	1.00	53.5	15.7	4.73	.78	.93	1.00	51.0	14.9	5.33	.80	.95	1.00
	1750	825	60.0	17.6	3.79	.78	.93	1.00	57.5	16.9	4.23	.79	.95	1.00	55.0	16.1	4.75	.81	.97	1.00	52.5	15.4	5.35	.83	1.00	1.00
	1950	920	61.5	18.0	3.81	.81	.96	1.00	59.0	17.3	4.25	.82	.99	1.00	56.0	16.4	4.77	.84	1.00	1.00	53.5	15.7	5.38	.86	1.00	1.00
67°F (19°C)	1550	730	62.0	18.2	3.82	.60	.73	.85	59.5	17.4	4.26	.61	.74	.87	57.0	16.7	4.78	.62	.75	.89	54.0	15.8	5.39	.63	.77	.92
	1750	825	63.5	18.6	3.85	.62	.75	.89	61.0	17.9	4.29	.62	.77	.91	58.5	17.1	4.80	.64	.79	.94	55.5	16.3	5.41	.65	.81	.96
	1950	920	65.0	19.0	3.87	.63	.78	.93	62.0	18.2	4.30	.64	.80	.95	59.5	17.4	4.82	.65	.82	.98	56.5	16.6	5.43	.67	.84	1.00
71°F (22°C)	1550	730	65.0	19.0	3.87	.46	.58	.70	62.5	18.3	4.31	.46	.59	.71	60.0	17.6	4.83	.47	.60	.73	57.0	16.7	5.44	.47	.61	.75
	1750	825	67.0	19.6	3.90	.47	.60	.73	64.5	18.9	4.33	.47	.61	.75	61.5	18.0	4.85	.48	.62	.76	58.5	17.1	5.46	.48	.64	.78
	1950	920	68.0	19.9	3.91	.48	.62	.76	65.0	19.0	4.35	.48	.63	.78	62.5	18.3	4.87	.49	.64	.80	59.5	17.4	5.48	.49	.66	.82

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		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - 13ACD-060 with TXV																										**[C33-62D]**
63°F (17°C)	1550	730	58.0	17.0	3.74	.74	.87	.99	56.0	16.4	4.19	.76	.88	1.00	53.5	15.7	4.71	.77	.90	1.00	51.0	14.9	5.31	.78	.93	1.00
	1750	825	59.5	17.4	3.77	.77	.90	1.00	57.5	16.9	4.21	.78	.92	1.00	55.0	16.1	4.73	.79	.94	1.00	52.0	15.2	5.34	.82	.97	1.00
	1950	920	61.0	17.9	3.79	.79	.93	1.00	58.5	17.1	4.23	.80	.95	1.00	56.0	16.4	4.75	.82	.98	1.00	53.5	15.7	5.36	.84	1.00	1.00
67°F (19°C)	1550	730	61.0	17.9	3.79	.60	.72	.83	59.0	17.3	4.24	.61	.73	.85	56.5	16.6	4.76	.61	.75	.87	54.0	15.8	5.36	.62	.76	.89
	1750	825	62.5	18.3	3.82	.61	.74	.87	60.5	17.7	4.26	.62	.76	.89	58.0	17.0	4.78	.63	.77	.91	55.0	16.1	5.39	.64	.79	.93
	1950	920	64.0	18.8	3.84	.63	.77	.90	61.5	18.0	4.28	.63	.78	.92	59.0	17.3	4.80	.64	.80	.94	56.5	16.6	5.41	.66	.82	.97
71°F (22°C)	1550	730	64.5	18.9	3.85	.47	.59	.70	62.0	18.2	4.29	.47	.59	.71	59.5	17.4	4.81	.47	.60	.72	57.0	16.7	5.42	.48	.61	.74
	1750	825	66.0	19.3	3.87	.47	.60	.72	63.5	18.6	4.31	.48	.61	.74	61.0	17.9	4.83	.48	.62	.75	58.5	17.1	5.44	.49	.63	.77
	1950	920	67.0	19.6	3.89	.48	.61	.75	65.0	19.0	4.33	.48	.62	.76	62.0	18.2	4.85	.49	.63	.78	59.5	17.4	5.46	.50	.65	.80
COOLING CAPACITY - 13ACD-060 with RFC																										**[C33-62D]**
63°F (17°C)	1550	730	58.0	17.0	3.76	.74	.87	.99	55.5	16.3	4.20	.76	.89	1.00	53.5	15.7	4.72	.77	.91	1.00	51.0	14.9	5.32	.79	.93	1.00
	1750	825	59.5	17.4	3.78	.77	.91	1.00	57.0	16.7	4.22	.78	.92	1.00	54.5	16.0	4.74	.80	.95	1.00	52.0	15.2	5.34	.82	.97	1.00
	1950	920	60.5	17.7	3.80	.79	.94	1.00	58.5	17.1	4.24	.81	.96	1.00	56.0	16.4	4.76	.82	.98	1.00	53.0	15.5	5.37	.84	1.00	1.00
67°F (19°C)	1550	730	61.0	17.9	3.81	.60	.72	.84	59.0	17.3	4.25	.61	.73	.85	56.5	16.6	4.77	.61	.75	.88	54.0	15.8	5.38	.62	.76	.90
	1750	825	62.5	18.3	3.83	.62	.75	.87	60.5	17.7	4.28	.62	.76	.89	58.0	17.0	4.79	.63	.78	.91	55.0	16.1	5.40	.64	.79	.94
	1950	920	64.0	18.8	3.85	.63	.77	.91	61.5	18.0	4.29	.64	.79	.93	59.0	17.3	4.81	.65	.80	.95	56.0	16.4	5.42	.66	.82	.98
71°F (22°C)	1550	730	64.5	18.9	3.86	.47	.58	.70	62.0	18.2	4.30	.47	.59	.71	59.5	17.4	4.83	.47	.60	.73	57.0	16.7	5.43	.48	.61	.74
	1750	825	66.0	19.3	3.89	.47	.60	.73	63.5	18.6	4.33	.48	.61	.74	61.0	17.9	4.85	.48	.62	.75	58.0	17.0	5.46	.48	.63	.77
	1950	920	67.0	19.6	3.90	.48	.62	.75	65.0	19.0	4.34	.48	.63	.76	62.0	18.2	4.86	.49	.64	.78	59.5	17.4	5.48	.49	.65	.80

UP-FLOW INDOOR COIL WITH GAS FURNACES

COOLING CAPACITY - 13ACD-060 with TXV																										**[C33-49C + G60UHV-60C-090]**
63°F (17°C)	1635	770	58.0	17.0	3.75	.75	.88	.99	56.0	16.4	4.19	.76	.89	1.00	53.5	15.7	4.71	.78	.91	1.00	51.0	14.9	5.31	.79	.94	1.00
	1855	875	59.5	17.4	3.77	.77	.91	1.00	57.5	16.9	4.21	.79	.93	1.00	55.0	16.1	4.73	.80	.95	1.00	52.5	15.4	5.34	.82	.98	1.00
	2015	950	60.5	17.7	3.79	.79	.94	1.00	58.5	17.1	4.23	.81	.96	1.00	56.0	16.4	4.75	.83	.98	1.00	53.5	15.7	5.35	.85	1.00	1.00
67°F (19°C)	1635	770	61.0	17.9	3.80	.60	.73	.84	59.0	17.3	4.24	.61	.74	.86	56.5	16.6	4.76	.62	.75	.88	54.0	15.8	5.36	.63	.77	.90
	1855	875	62.5	18.3	3.82	.62	.75	.88	60.5	17.7	4.26	.63	.77	.90	58.0	17.0	4.78	.64	.78	.92	55.0	16.1	5.39	.65	.80	.95
	2015	950	64.0	18.8	3.84	.63	.77	.91	61.5	18.0	4.28	.64	.79	.93	59.0	17.3	4.80	.65	.80	.95	56.0	16.4	5.40	.67	.83	.98
71°F (22°C)	1635	770	64.0	18.8	3.84	.47	.59	.70	61.5	18.0	4.28	.47	.60	.72	59.0	17.3	4.81	.47	.61	.73	56.5	16.6	5.41	.48	.62	.75
	1855	875	66.0	19.3	3.86	.48	.61	.73	63.5	18.6	4.30	.48	.61	.74	60.5	17.7	4.83	.48	.63	.76	58.0	17.0	5.44	.49	.64	.78
	2015	950	67.0	19.6	3.88	.48	.62	.75	64.5	18.9	4.32	.49	.63	.77	61.5	18.0	4.84	.49	.64	.78	59.0	17.3	5.45	.50	.66	.80
COOLING CAPACITY - 13ACD-060 with RFC																										**[C33-49C + G60UHV-60C-090]**
63°F (17°C)	1635	770	58.0	17.0	3.76	.75	.88	1.00	55.5	16.3	4.20	.76	.90	1.00	53.5	15.7	4.72	.78	.92	1.00	51.0	14.9	5.32	.80	.94	1.00
	1855	875	59.5	17.4	3.78	.78	.92	1.00	57.0	16.7	4.23	.79	.94	1.00	54.5	16.0	4.74	.81	.96	1.00	52.0	15.2	5.35	.83	.98	1.00
	2015	950	60.5	17.7	3.80	.80	.94	1.00	58.0	17.0	4.24	.81	.97	1.00	55.5	16.3	4.76	.83	.99	1.00	53.0	15.5	5.36	.85	1.00	1.00
67°F (19°C)	1635	770	61.0	17.9	3.80	.61	.73	.85	58.5	17.1	4.25	.61	.74	.87	56.0	16.4	4.77	.62	.76	.89	53.5	15.7	5.38	.63	.77	.91
	1855	875	62.5	18.3	3.83	.62	.76	.88	60.0	17.6	4.27	.63	.77	.90	57.5	16.9	4.79	.64	.78	.93	55.0	16.1	5.40	.65	.80	.95
	2015	950	63.5	18.6	3.85	.64	.78	.91	61.5	18.0	4.29	.64	.79	.93	58.5	17.1	4.81	.66	.81	.96	56.0	16.4	5.42	.67	.83	.98
71°F (22°C)	1635	770	63.5	18.6	3.84	.47	.59	.71	61.5	18.0	4.29	.47	.60	.72	58.5	17.1	4.81	.47	.61	.73	56.0	16.4	5.43	.48	.62	.75
	1855	875	65.0	19.0	3.87	.48	.61	.73	63.0	18.5	4.32	.48	.62	.75	60.5	17.7	4.84	.48	.63	.76	57.5	16.9	5.44	.49	.64	.78
	2015	950	67.0	19.6	3.89	.48	.62	.75	64.0	18.8	4.33	.49	.63	.77	61.5	18.0	4.85	.49	.64	.79	58.5	17.1	5.46	.50	.66	.81
COOLING CAPACITY - 13ACD-060 with TXV																										**[C33-49C + G60UHV-60C-110]**
63°F (17°C)	1555	735	57.5	16.9	3.74	.74	.87	.98	55.5	16.3	4.18	.76	.88	1.00	53.0	15.5	4.70	.77	.90	1.00	50.5	14.8	5.30	.78	.92	1.00
	1780	840	59.0	17.3	3.77	.77	.90	1.00	57.0	16.7	4.21	.78	.92	1.00	54.5	16.0	4.72	.80	.94	1.00	52.0	15.2	5.33	.81	.97	1.00
	1820	860	59.5	17.4	3.77	.78	.91	1.00	57.5	16.9	4.22	.79	.93	1.00	55.0	16.1	4.73	.80	.95	1.00	52.5	15.4	5.33	.83	.98	1.00
67°F (19°C)	1555	735	60.5	17.7	3.78	.60	.72	.84	58.5	17.1	4.23	.61	.73	.85	56.0	16.4	4.75	.61	.74	.87	53.5	15.7	5.35	.63	.76	.89
	1780	840	62.0	18.2	3.81	.62	.74	.87	60.0	17.6	4.25	.62	.76	.89	57.5	16.9	4.78	.63	.77	.91	54.5	16.0	5.38	.64	.79	.94
	1820	860	62.5	18.3	3.82	.62	.75	.88	60.0	17.6	4.26	.63	.77	.90	58.0	17.0	4.78	.64	.78	.92	55.0	16.1	5.39	.65	.80	.95
71°F (22°C)	1555	735	63.5	18.6	3.83	.47	.59	.70	61.0	17.9	4.28	.47	.59	.71	58.5	17.1	4.79	.47	.60	.72	56.0	16.4	5.40	.48	.61	.74
	1780	840	65.0	19.0	3.86	.47	.60	.72	63.0	18.5	4.30	.48	.61	.73	60.0	17.6	4.82	.48	.62	.75	57.5	16.9	5.43	.49	.63	.77
	1820	860	66.0	19.3	3.86	.48	.61	.73	63.0	18.5	4.30	.48	.62	.74	60.5	17.7	4.83	.49	.63	.76	58.0	17.0	5.43	.49	.64	.78
COOLING CAPACITY - 13ACD-060 with RFC																										**[C33-49C + G60UHV-60C-110]**
63°F (17°C)	1555	735	57.5	16.9	3.75	.75	.87	.99	55.0	16.1	4.19	.76	.89	1.00	53.0	15.5	4.71	.77	.91	1.00	50.5	14.8	5.31	.79	.93	1.00
	1780	840	59.0	17.3	3.77	.77	.91	1.00	57.0	16.7	4.22	.78	.92	1.00	54.5	16.0	4.74	.80	.95	1.00	52.0	15.2	5.34	.82	.97	1.00
	1820	860	59.5	17.4	3.78	.78	.92	1.00	57.0	16.7	4.22	.79	.93	1.00	54.5	16.0	4.74	.81	.96	1.00	52.0	15.2	5.34	.83	.98	1.00
67°F (19°C)	1555	735	60.5	17.7	3.79	.60	.72	.84	58.0	17.0	4.24	.61	.73	.85	55.5	16.3	4.76	.62	.75	.87	53.0	15.5	5.36	.63	.76	.90
	1780	840	62.0	18.2	3.82	.62	.75	.87	59.5	17.4	4.26	.62	.76	.89	57.0	16.7	4.79	.63	.78	.91	54.5	16.0	5.39	.65	.79	.94
	1820	860	62.5	18.3	3.83	.62	.76	.88	60.0	17.6	4.27	.63	.77	.90	57.5	16.9	4.79	.64	.79	.92	55.0	16.1	5.40	.65	.80	.95
71°F (22°C)	1555	735	63.0	18.5	3.84	.47	.59	.70	61.0	17.9	4.29	.47	.60	.71	58.5	17.1	4.80	.47	.60	.72	55.5	16.3	5.41	.48	.61	.74
	1780	840	65.0	19.0	3.87	.47	.60	.72	62.5	18.3	4.31	.48	.61	.74	60.0	17.6	4.83	.48	.62	.75	57.0	16.7	5.44	.49	.63	.77
	1820	860	65.0	19.0	3.87	.48	.61	.73	63.0	18.5	4.31	.48	.62	.75	60.5	17.7	4.84	.49	.63	.76	57.5	16.9	5.44	.49	.64	.78

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		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - 13ACD-060 with TXV																										**[C33-49C + G61MPV-60C-110] [C33-49C + G71MPP-60C-110]**
63°F (17°C)	1605	760	57.5	16.9	3.74	.75	.87	.99	55.5	16.3	4.19	.76	.89	1.00	53.5	15.7	4.70	.77	.91	1.00	51.0	14.9	5.30	.79	.93	1.00
	1790	845	59.0	17.3	3.77	.77	.90	1.00	57.0	16.7	4.21	.78	.92	1.00	54.5	16.0	4.72	.80	.94	1.00	52.0	15.2	5.33	.82	.97	1.00
	1995	940	60.5	17.7	3.78	.79	.94	1.00	58.5	17.1	4.23	.81	.96	1.00	56.0	16.4	4.75	.83	.98	1.00	53.0	15.5	5.35	.85	1.00	1.00
67°F (19°C)	1605	760	61.0	17.9	3.79	.60	.73	.84	58.5	17.1	4.24	.61	.74	.86	56.0	16.4	4.75	.62	.75	.88	53.5	15.7	5.36	.63	.77	.90
	1790	845	62.5	18.3	3.81	.62	.75	.87	60.0	17.6	4.25	.62	.76	.89	57.5	16.9	4.78	.63	.77	.91	55.0	16.1	5.38	.65	.79	.94
	1995	940	63.5	18.6	3.83	.63	.77	.91	61.5	18.0	4.28	.64	.79	.93	59.0	17.3	4.80	.65	.80	.95	56.0	16.4	5.40	.67	.83	.98
71°F (22°C)	1605	760	64.0	18.8	3.84	.47	.59	.70	61.5	18.0	4.28	.47	.60	.71	59.0	17.3	4.80	.47	.60	.73	56.0	16.4	5.40	.48	.61	.74
	1790	845	65.0	19.0	3.86	.47	.60	.72	63.0	18.5	4.30	.48	.61	.74	60.0	17.6	4.82	.48	.62	.75	57.5	16.9	5.43	.49	.63	.77
	1995	940	67.0	19.6	3.88	.49	.62	.75	64.0	18.8	4.32	.49	.63	.76	61.5	18.0	4.84	.49	.64	.78	59.0	17.3	5.45	.50	.65	.80
COOLING CAPACITY - 13ACD-060 with RFC																										**[C33-49C + G61MPV-60C-110] [C33-49C + G71MPP-60C-110]**
63°F (17°C)	1605	760	57.5	16.9	3.75	.75	.88	.99	55.5	16.3	4.20	.76	.89	1.00	53.0	15.5	4.72	.78	.91	1.00	50.5	14.8	5.32	.79	.94	1.00
	1790	845	59.0	17.3	3.77	.77	.91	1.00	57.0	16.7	4.22	.78	.93	1.00	54.5	16.0	4.74	.80	.95	1.00	52.0	15.2	5.34	.82	.97	1.00
	1995	940	60.5	17.7	3.80	.80	.94	1.00	58.0	17.0	4.24	.81	.96	1.00	55.5	16.3	4.76	.83	.98	1.00	53.0	15.5	5.36	.85	1.00	1.00
67°F (19°C)	1605	760	61.0	17.9	3.80	.60	.73	.85	58.5	17.1	4.25	.61	.74	.86	56.0	16.4	4.77	.62	.75	.88	53.5	15.7	5.37	.63	.77	.90
	1790	845	62.0	18.2	3.82	.62	.75	.88	59.5	17.4	4.27	.63	.76	.89	57.5	16.9	4.79	.64	.78	.92	54.5	16.0	5.39	.65	.80	.94
	1995	940	63.5	18.6	3.85	.64	.77	.91	61.0	17.9	4.29	.64	.79	.93	58.5	17.1	4.81	.66	.81	.96	56.0	16.4	5.42	.67	.83	.98
71°F (22°C)	1605	760	63.5	18.6	3.85	.47	.59	.70	61.0	17.9	4.29	.47	.60	.72	58.5	17.1	4.81	.47	.61	.73	56.0	16.4	5.42	.48	.62	.75
	1790	845	65.0	19.0	3.87	.47	.60	.73	62.5	18.3	4.31	.48	.61	.74	60.0	17.6	4.83	.48	.62	.76	57.5	16.9	5.44	.49	.63	.77
	1995	940	67.0	19.6	3.89	.49	.62	.75	64.0	18.8	4.33	.49	.63	.77	61.5	18.0	4.85	.50	.64	.79	58.5	17.1	5.46	.50	.66	.81
COOLING CAPACITY - 13ACD-060 with TXV																										**[C33-60D + G60UHV-60D-135]**
63°F (17°C)	1695	800	58.0	17.0	3.75	.76	.89	1.00	55.5	16.3	4.19	.77	.91	1.00	53.5	15.7	4.70	.78	.93	1.00	51.0	14.9	5.30	.80	.95	1.00
	1900	895	59.5	17.4	3.77	.78	.92	1.00	57.0	16.7	4.21	.80	.94	1.00	54.5	16.0	4.72	.81	.97	1.00	52.0	15.2	5.33	.83	.99	1.00
	1945	920	59.5	17.4	3.77	.79	.93	1.00	57.5	16.9	4.21	.80	.95	1.00	55.0	16.1	4.73	.82	.97	1.00	52.5	15.4	5.33	.84	1.00	1.00
67°F (19°C)	1695	800	61.0	17.9	3.79	.60	.73	.86	58.5	17.1	4.24	.61	.75	.87	56.5	16.6	4.75	.62	.76	.89	53.5	15.7	5.36	.63	.78	.92
	1900	895	62.5	18.3	3.82	.62	.76	.89	60.0	17.6	4.26	.63	.77	.91	57.5	16.9	4.78	.64	.79	.93	55.0	16.1	5.38	.65	.81	.96
	1945	920	62.5	18.3	3.82	.62	.76	.90	60.5	17.7	4.26	.63	.78	.92	58.0	17.0	4.78	.64	.80	.94	55.0	16.1	5.39	.65	.82	.97
71°F (22°C)	1695	800	64.5	18.9	3.85	.47	.59	.71	62.0	18.2	4.29	.47	.60	.72	59.5	17.4	4.81	.47	.61	.74	57.0	16.7	5.42	.48	.62	.75
	1900	895	66.0	19.3	3.87	.47	.61	.74	63.5	18.6	4.31	.48	.62	.75	61.0	17.9	4.83	.48	.63	.77	58.0	17.0	5.44	.49	.64	.79
	1945	920	66.0	19.3	3.87	.48	.61	.74	63.5	18.6	4.31	.48	.62	.76	61.0	17.9	4.83	.48	.63	.77	58.0	17.0	5.44	.49	.64	.79
COOLING CAPACITY - 13ACD-060 with RFC																										**[C33-60D + G60UHV-60D-135]**
63°F (17°C)	1695	800	58.0	17.0	3.75	.76	.89	1.00	55.5	16.3	4.20	.77	.91	1.00	53.0	15.5	4.71	.79	.93	1.00	50.5	14.8	5.32	.80	.96	1.00
	1900	895	59.0	17.3	3.78	.78	.93	1.00	57.0	16.7	4.22	.80	.95	1.00	54.5	16.0	4.73	.81	.97	1.00	52.0	15.2	5.34	.84	.99	1.00
	1945	920	59.5	17.4	3.78	.79	.93	1.00	57.0	16.7	4.23	.80	.95	1.00	54.5	16.0	4.74	.82	.98	1.00	52.0	15.2	5.34	.84	1.00	1.00
67°F (19°C)	1695	800	61.0	17.9	3.80	.61	.74	.86	58.5	17.1	4.25	.61	.75	.88	56.0	16.4	4.76	.62	.76	.90	53.5	15.7	5.37	.63	.78	.92
	1900	895	62.5	18.3	3.83	.62	.76	.90	60.0	17.6	4.27	.63	.78	.92	57.5	16.9	4.79	.64	.79	.94	54.5	16.0	5.39	.65	.81	.96
	1945	920	62.5	18.3	3.83	.63	.77	.90	60.0	17.6	4.27	.63	.78	.92	57.5	16.9	4.79	.64	.80	.95	55.0	16.1	5.40	.66	.82	.97
71°F (22°C)	1695	800	64.5	18.9	3.86	.47	.59	.71	62.0	18.2	4.30	.47	.60	.72	59.5	17.4	4.82	.47	.61	.74	56.5	16.6	5.43	.48	.62	.76
	1900	895	66.0	19.3	3.88	.47	.61	.74	63.5	18.6	4.32	.48	.62	.76	60.5	17.7	4.84	.48	.63	.77	58.0	17.0	5.45	.49	.64	.79
	1945	920	66.0	19.3	3.88	.48	.61	.75	63.5	18.6	4.32	.48	.62	.76	61.0	17.9	4.84	.48	.63	.78	58.0	17.0	5.45	.49	.64	.80
COOLING CAPACITY - 13ACD-060 with TXV																										**[C33-60D + G61MPV-60D-135] [C33-60D + G71MPP-60D-135]**
63°F (17°C)	1565	740	57.0	16.7	3.73	.75	.87	.99	55.0	16.1	4.18	.76	.89	1.00	52.5	15.4	4.69	.77	.91	1.00	50.0	14.7	5.29	.79	.93	1.00
	1780	840	58.5	17.1	3.76	.77	.90	1.00	56.5	16.6	4.20	.78	.92	1.00	54.0	15.8	4.71	.80	.94	1.00	51.5	15.1	5.31	.82	.97	1.00
	1820	860	59.0	17.3	3.76	.78	.91	1.00	56.5	16.6	4.21	.79	.93	1.00	54.5	16.0	4.72	.81	.95	1.00	51.5	15.1	5.32	.83	.98	1.00
67°F (19°C)	1565	740	60.0	17.6	3.78	.60	.72	.84	58.0	17.0	4.22	.61	.73	.85	55.5	16.3	4.74	.61	.75	.87	53.0	15.5	5.35	.62	.76	.90
	1780	840	61.5	18.0	3.81	.61	.75	.87	59.5	17.4	4.25	.62	.76	.89	57.0	16.7	4.76	.63	.77	.91	54.0	15.8	5.37	.64	.79	.94
	1820	860	62.0	18.2	3.81	.62	.75	.88	59.5	17.4	4.25	.63	.77	.90	57.0	16.7	4.77	.64	.78	.92	54.5	16.0	5.37	.65	.80	.95
71°F (22°C)	1565	740	63.5	18.6	3.84	.47	.58	.70	61.5	18.0	4.28	.47	.59	.71	59.0	17.3	4.80	.47	.60	.72	56.0	16.4	5.40	.48	.61	.74
	1780	840	65.0	19.0	3.86	.47	.60	.72	62.5	18.3	4.30	.47	.61	.74	60.0	17.6	4.82	.48	.62	.75	57.5	16.9	5.43	.48	.63	.77
	1820	860	66.0	19.3	3.86	.48	.61	.73	63.0	18.5	4.30	.48	.61	.75	60.5	17.7	4.82	.48	.62	.76	57.5	16.9	5.43	.49	.63	.78
COOLING CAPACITY - 13ACD-060 with RFC																										**[C33-60D + G61MPV-60D-135] [C33-60D + G71MPP-60D-135]**
63°F (17°C)	1565	740	57.0	16.7	3.74	.75	.87	.99	54.5	16.0	4.18	.76	.89	1.00	52.5	15.4	4.70	.77	.91	1.00	50.0	14.7	5.30	.79	.94	1.00
	1780	840	58.5	17.1	3.77	.77	.91	1.00	56.0	16.4	4.21	.79	.93	1.00	54.0	15.8	4.73	.80	.95	1.00	51.0	14.9	5.32	.82	.98	1.00
	1820	860	59.0	17.3	3.77	.78	.92	1.00	56.5	16.6	4.21	.79	.94	1.00	54.0	15.8	4.73	.81	.96	1.00	51.5	15.1	5.34	.83	.98	1.00
67°F (19°C)	1565	740	60.0	17.6	3.79	.60	.72	.84	57.5	16.9	4.24	.61	.73	.86	55.5	16.3	4.75	.62	.75	.88	52.5	15.4	5.35	.62	.77	.90
	1780	840	61.5	18.0	3.81	.61	.75	.88	59.0	17.3	4.26	.62	.76	.90	56.5	16.6	4.78	.63	.78	.92	54.0	15.8	5.38	.64	.80	.94
	1820	860	62.0	18.2	3.82	.62	.76	.89	59.5	17.4	4.26	.63	.77	.91	57.0	16.7	4.78	.64	.79	.93	54.5	16.0	5.38	.65	.81	.95
71°F (22°C)	1565	740	63.5	18.6	3.85	.47	.58	.70	61.0	17.9	4.29	.47	.59	.71	58.5	17.1	4.80	.47	.60	.72	56.0	16.4	5.42	.48	.61	.74
	1780	840	65.0	19.0	3.87	.47	.60	.73	62.5	18.3	4.31	.48	.61	.74	60.0	17.6	4.83	.48	.62	.76	57.0	16.7	5.44	.48	.63	.77
	1820	860	65.0	19.0	3.87	.48	.61	.73	63.0	18.5	4.32	.48	.62	.75	60.0	17.6	4.83	.48	.63	.77	57.5	16.9	5.44	.49	.64	.78

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

UP-FLOW INDOOR COIL WITH GAS FURNACES

COOLING CAPACITY - 13ACD-060 with TXV [C33-62C + G60UHV-60C-090]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	1635	770	59.5	17.4	3.77	.76	.90	1.00	57.0	16.7	4.21	.77	.92	1.00	54.5	16.0	4.73	.79	.94	1.00	52.0	15.2	5.33	.81	.96	1.00
	1855	875	61.0	17.9	3.79	.79	.94	1.00	58.5	17.1	4.23	.80	.96	1.00	56.0	16.4	4.75	.82	.99	1.00	53.0	15.5	5.35	.84	1.00	1.00
	2015	950	62.0	18.2	3.81	.82	.97	1.00	59.5	17.4	4.25	.83	.99	1.00	57.0	16.7	4.77	.85	1.00	1.00	54.5	16.0	5.38	.87	1.00	1.00
67°F (19°C)	1635	770	63.0	18.5	3.82	.60	.74	.87	60.5	17.7	4.26	.61	.75	.88	58.0	17.0	4.78	.62	.76	.90	55.0	16.1	5.38	.63	.78	.93
	1855	875	64.5	18.9	3.85	.62	.77	.91	62.0	18.2	4.29	.63	.78	.93	59.0	17.3	4.80	.64	.80	.95	56.5	16.6	5.41	.65	.82	.98
	2015	950	65.0	19.0	3.86	.64	.79	.94	63.0	18.5	4.30	.65	.81	.97	60.0	17.6	4.82	.66	.83	.99	57.0	16.7	5.43	.68	.85	1.00
71°F (22°C)	1635	770	66.0	19.3	3.87	.47	.59	.71	63.5	18.6	4.31	.47	.60	.72	61.0	17.9	4.83	.47	.60	.74	58.0	17.0	5.44	.47	.62	.76
	1855	875	68.0	19.9	3.89	.47	.61	.74	65.0	19.0	4.33	.48	.62	.76	62.5	18.3	4.85	.48	.63	.78	59.5	17.4	5.46	.48	.64	.80
	2015	950	69.0	20.2	3.91	.49	.63	.77	66.0	19.3	4.35	.49	.64	.79	63.5	18.6	4.87	.49	.65	.81	60.5	17.7	5.47	.50	.66	.83

COOLING CAPACITY - 13ACD-060 with RFC [C33-62C + G60UHV-60C-090]

63°F (17°C)	1635	770	59.5	17.4	3.78	.76	.90	1.00	57.0	16.7	4.22	.77	.92	1.00	54.5	16.0	4.74	.79	.94	1.00	51.5	15.1	5.33	.81	.97	1.00
	1855	875	61.0	17.9	3.80	.79	.94	1.00	58.5	17.1	4.24	.81	.96	1.00	55.5	16.3	4.76	.82	.99	1.00	53.0	15.5	5.36	.85	1.00	1.00
	2015	950	61.5	18.0	3.82	.82	.98	1.00	59.0	17.3	4.26	.83	1.00	1.00	56.5	16.6	4.78	.85	1.00	1.00	54.0	15.8	5.39	.88	1.00	1.00
67°F (19°C)	1635	770	62.5	18.3	3.83	.60	.74	.87	60.0	17.6	4.27	.61	.75	.89	57.5	16.9	4.79	.62	.76	.91	54.5	16.0	5.40	.63	.78	.93
	1855	875	64.5	18.9	3.85	.62	.77	.91	61.5	18.0	4.29	.63	.78	.93	59.0	17.3	4.81	.64	.80	.96	56.0	16.4	5.42	.66	.82	.98
	2015	950	65.0	19.0	3.87	.64	.79	.95	62.5	18.3	4.31	.65	.81	.97	60.0	17.6	4.83	.66	.83	.99	56.5	16.6	5.43	.68	.85	1.00
71°F (22°C)	1635	770	66.0	19.3	3.88	.46	.59	.71	63.5	18.6	4.32	.46	.60	.73	60.5	17.7	4.84	.47	.61	.74	57.5	16.9	5.45	.47	.62	.76
	1855	875	68.0	19.9	3.90	.47	.61	.74	65.0	19.0	4.34	.47	.62	.76	62.0	18.2	4.86	.48	.63	.78	59.0	17.3	5.47	.48	.64	.80
	2015	950	69.0	20.2	3.92	.48	.63	.77	66.0	19.3	4.35	.48	.64	.79	63.0	18.5	4.87	.49	.65	.81	60.0	17.6	5.48	.50	.67	.83

COOLING CAPACITY - 13ACD-060 with TXV [C33-62C + G60UHV-60C-110]

63°F (17°C)	1555	735	59.0	17.3	3.76	.75	.88	1.00	56.5	16.6	4.20	.76	.90	1.00	54.0	15.8	4.72	.78	.92	1.00	51.5	15.1	5.32	.80	.95	1.00
	1780	840	60.5	17.7	3.79	.78	.93	1.00	58.0	17.0	4.23	.79	.95	1.00	55.5	16.3	4.74	.81	.97	1.00	53.0	15.5	5.34	.83	1.00	1.00
	1820	860	61.0	17.9	3.79	.79	.94	1.00	58.5	17.1	4.23	.80	.96	1.00	56.0	16.4	4.75	.82	.98	1.00	53.0	15.5	5.35	.84	1.00	1.00
67°F (19°C)	1555	735	62.0	18.2	3.81	.60	.73	.85	60.0	17.6	4.26	.61	.74	.87	57.5	16.9	4.77	.61	.75	.89	54.5	16.0	5.37	.62	.77	.91
	1780	840	64.0	18.8	3.84	.62	.75	.89	61.5	18.0	4.28	.63	.77	.91	59.0	17.3	4.80	.63	.79	.94	56.0	16.4	5.40	.65	.81	.96
	1820	860	64.5	18.9	3.84	.63	.76	.91	62.0	18.2	4.29	.63	.78	.93	59.0	17.3	4.80	.64	.80	.95	56.5	16.6	5.41	.66	.82	.98
71°F (22°C)	1555	735	65.0	19.0	3.86	.46	.59	.70	63.0	18.5	4.30	.46	.59	.71	60.5	17.7	4.82	.47	.60	.73	57.5	16.9	5.43	.47	.61	.75
	1780	840	67.0	19.6	3.89	.47	.60	.73	64.5	18.9	4.33	.47	.61	.75	62.0	18.2	4.84	.48	.62	.77	59.0	17.3	5.45	.48	.63	.78
	1820	860	68.0	19.9	3.89	.48	.61	.74	65.0	19.0	4.33	.48	.62	.76	62.0	18.2	4.85	.48	.63	.78	59.5	17.4	5.45	.49	.64	.80

COOLING CAPACITY - 13ACD-060 with RFC [C33-62C + G60UHV-60C-110]

63°F (17°C)	1555	735	59.0	17.3	3.77	.75	.89	1.00	56.5	16.6	4.21	.76	.91	1.00	54.0	15.8	4.73	.78	.93	1.00	51.0	14.9	5.33	.80	.95	1.00
	1780	840	60.5	17.7	3.80	.78	.93	1.00	58.0	17.0	4.24	.80	.95	1.00	55.0	16.1	4.75	.81	.98	1.00	52.5	15.4	5.35	.83	1.00	1.00
	1820	860	60.5	17.7	3.80	.79	.94	1.00	58.0	17.0	4.24	.81	.96	1.00	55.5	16.3	4.76	.82	.99	1.00	52.5	15.4	5.36	.85	1.00	1.00
67°F (19°C)	1555	735	62.0	18.2	3.82	.60	.73	.85	59.5	17.4	4.26	.61	.74	.87	57.0	16.7	4.78	.62	.76	.89	54.0	15.8	5.39	.63	.77	.92
	1780	840	64.0	18.8	3.85	.62	.76	.90	61.0	17.9	4.29	.63	.77	.92	58.5	17.1	4.80	.64	.79	.94	55.5	16.3	5.41	.65	.81	.97
	1820	860	64.0	18.8	3.85	.62	.77	.91	61.5	18.0	4.29	.63	.78	.93	59.0	17.3	4.81	.65	.80	.95	56.0	16.4	5.41	.66	.82	.98
71°F (22°C)	1555	735	65.0	19.0	3.87	.46	.58	.70	63.0	18.5	4.31	.46	.59	.72	60.0	17.6	4.83	.47	.60	.73	57.0	16.7	5.44	.47	.61	.75
	1780	840	67.0	19.6	3.90	.47	.60	.73	64.5	18.9	4.34	.47	.61	.75	61.5	18.0	4.85	.48	.62	.77	58.5	17.1	5.46	.48	.64	.79
	1820	860	68.0	19.9	3.90	.47	.61	.74	65.0	19.0	4.34	.48	.62	.76	62.0	18.2	4.86	.48	.63	.78	59.0	17.3	5.47	.49	.65	.80

COOLING CAPACITY - 13ACD-060 with TXV [C33-62C + G61MPV-60C-090] [C33-62C + G71MPP-60C-090]

63°F (17°C)	1740	820	60.0	17.6	3.78	.77	.92	1.00	58.0	17.0	4.22	.79	.94	1.00	55.5	16.3	4.74	.80	.96	1.00	52.5	15.4	5.34	.82	.99	1.00
	1925	910	61.5	18.0	3.80	.80	.96	1.00	59.0	17.3	4.24	.82	.98	1.00	56.5	16.6	4.76	.84	1.00	1.00	54.0	15.8	5.37	.86	1.00	1.00
	2125	1005	62.5	18.3	3.82	.83	.99	1.00	60.0	17.6	4.26	.85	1.00	1.00	58.0	17.0	4.78	.87	1.00	1.00	55.5	16.3	5.39	.89	1.00	1.00
67°F (19°C)	1740	820	63.5	18.6	3.83	.61	.75	.88	61.0	17.9	4.28	.62	.76	.90	58.5	17.1	4.79	.63	.78	.93	55.5	16.3	5.40	.64	.80	.95
	1925	910	65.0	19.0	3.85	.63	.78	.93	62.5	18.3	4.29	.64	.80	.95	59.5	17.4	4.81	.65	.81	.97	57.0	16.7	5.42	.67	.83	1.00
	2125	1005	66.0	19.3	3.87	.65	.81	.96	63.5	18.6	4.31	.66	.83	.98	60.5	17.7	4.83	.67	.85	1.00	57.5	16.9	5.43	.69	.87	1.00
71°F (22°C)	1740	820	67.0	19.6	3.88	.47	.60	.73	64.5	18.9	4.32	.47	.61	.74	61.5	18.0	4.84	.47	.62	.76	58.5	17.1	5.44	.48	.63	.78
	1925	910	68.0	19.9	3.90	.48	.62	.76	66.0	19.3	4.34	.48	.63	.78	63.0	18.5	4.85	.49	.64	.79	60.0	17.6	5.47	.49	.65	.81
	2125	1005	69.0	20.2	3.92	.49	.64	.79	67.0	19.6	4.35	.49	.65	.81	64.0	18.8	4.87	.50	.66	.82	61.0	17.9	5.48	.50	.68	.85

COOLING CAPACITY - 13ACD-060 with RFC [C33-62C + G61MPV-60C-090] [C33-62C + G71MPP-60C-090]

63°F (17°C)	1740	820	60.0	17.6	3.79	.77	.92	1.00	57.5	16.9	4.23	.79	.94	1.00	55.0	16.1	4.75	.81	.97	1.00	52.0	15.2	5.35	.83	.99	1.00
	1925	910	61.5	18.0	3.81	.80	.96	1.00	58.5	17.1	4.25	.82	.98	1.00	56.0	16.4	4.77	.84	1.00	1.00	53.5	15.7	5.38	.86	1.00	1.00
	2125	1005	62.5	18.3	3.83	.83	1.00	1.00	60.0	17.6	4.27	.85	1.00	1.00	57.5	16.9	4.79	.87	1.00	1.00	55.0	16.1	5.41	.90	1.00	1.00
67°F (19°C)	1740	820	63.5	18.6	3.84	.61	.75	.89	61.0	17.9	4.29	.62	.77	.91	58.0	17.0	4.80	.63	.78	.93	55.5	16.3	5.41	.64	.80	.96
	1925	910	65.0	19.0	3.86	.63	.78	.93	62.0	18.2	4.30	.64	.80	.95	59.0	17.3	4.82	.65	.82	.98	56.5	16.6	5.43	.67	.84	1.00
	2125	1005	66.0	19.3	3.88	.65	.81	.97	63.0	18.5	4.32	.66	.83	.99	60.5	17.7	4.84	.67	.85	1.00	57.0	16.7	5.44	.69	.87	1.00
71°F (22°C)	1740	820	67.0	19.6	3.89	.46	.60	.73	64.0	18.8	4.33	.47	.61	.74	61.5	18.0	4.85	.47	.62	.76	58.5	17.1	5.46	.48	.63	.78
	1925	910	68.0	19.9	3.91	.48	.62	.76	65.0	19.0	4.35	.48	.63	.77	62.5	18.3	4.86	.49	.64	.79	59.5	17.4	5.48	.49	.66	.82
	2125	1005	69.0	20.2	3.92	.48	.64	.79	67.0	19.6	4.36	.49	.65	.81	63.5	18.6	4.88	.50	.66	.83	60.5	17.7	5.49	.50	.68	.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

COOLING CAPACITY - 13ACD-060 with TXV

[C33-62C + G61MPV-60C-110]
[C33-62C + G71MPP-60C-110]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1605	760	59.0	17.3	3.77	.76	.89	1.00	57.0	16.7	4.21	.77	.91	1.00	54.5	16.0	4.72	.78	.93	1.00	51.5	15.1	5.32	.80	.96	1.00
	1790	845	60.5	17.7	3.79	.78	.93	1.00	58.0	17.0	4.23	.80	.95	1.00	55.5	16.3	4.74	.81	.97	1.00	53.0	15.5	5.35	.83	1.00	1.00
	1995	940	62.0	18.2	3.81	.82	.97	1.00	59.5	17.4	4.25	.83	.99	1.00	57.0	16.7	4.77	.85	1.00	1.00	54.5	16.0	5.37	.87	1.00	1.00
67°F (19°C)	1605	760	62.5	18.3	3.82	.60	.73	.86	60.0	17.6	4.26	.61	.74	.88	57.5	16.9	4.78	.62	.76	.90	55.0	16.1	5.38	.63	.78	.92
	1790	845	64.0	18.8	3.84	.62	.76	.90	61.5	18.0	4.28	.63	.77	.92	59.0	17.3	4.80	.63	.79	.94	56.0	16.4	5.40	.65	.81	.97
	1995	940	65.0	19.0	3.86	.64	.79	.94	63.0	18.5	4.30	.65	.81	.96	60.0	17.6	4.82	.66	.83	.99	57.0	16.7	5.42	.67	.85	1.00
71°F (22°C)	1605	760	66.0	19.3	3.87	.47	.59	.71	63.5	18.6	4.31	.47	.59	.72	61.0	17.9	4.83	.47	.60	.74	58.0	17.0	5.43	.47	.61	.75
	1790	845	67.0	19.6	3.89	.47	.60	.73	64.5	18.9	4.33	.47	.61	.75	62.0	18.2	4.85	.48	.62	.77	59.0	17.3	5.45	.48	.64	.78
	1995	940	69.0	20.2	3.90	.49	.63	.77	66.0	19.3	4.34	.49	.64	.79	63.5	18.6	4.86	.49	.65	.80	60.5	17.7	5.47	.50	.66	.83

COOLING CAPACITY - 13ACD-060 with RFC

[C33-62C + G61MPV-60C-110]
[C33-62C + G71MPP-60C-110]

63°F (17°C)	1605	760	59.0	17.3	3.77	.76	.90	1.00	56.5	16.6	4.22	.77	.91	1.00	54.0	15.8	4.73	.79	.94	1.00	51.5	15.1	5.33	.80	.96	1.00
	1790	845	60.5	17.7	3.80	.78	.93	1.00	58.0	17.0	4.24	.80	.95	1.00	55.0	16.1	4.75	.82	.98	1.00	52.5	15.4	5.36	.84	1.00	1.00
	1995	940	61.5	18.0	3.82	.82	.97	1.00	59.0	17.3	4.26	.83	.99	1.00	56.5	16.6	4.78	.85	1.00	1.00	54.0	15.8	5.39	.88	1.00	1.00
67°F (19°C)	1605	760	62.5	18.3	3.83	.60	.73	.86	60.0	17.6	4.27	.61	.75	.88	57.5	16.9	4.79	.62	.76	.90	54.5	16.0	5.39	.63	.78	.93
	1790	845	64.0	18.8	3.85	.62	.76	.90	61.5	18.0	4.29	.63	.77	.92	58.5	17.1	4.80	.64	.79	.94	55.5	16.3	5.41	.65	.81	.97
	1995	940	65.0	19.0	3.87	.64	.79	.94	62.5	18.3	4.31	.65	.81	.97	59.5	17.4	4.82	.66	.83	.99	56.5	16.6	5.43	.68	.85	1.00
71°F (22°C)	1605	760	66.0	19.3	3.88	.46	.59	.71	63.0	18.5	4.32	.46	.59	.72	60.5	17.7	4.84	.47	.60	.74	57.5	16.9	5.45	.47	.62	.76
	1790	845	67.0	19.6	3.90	.47	.60	.74	64.5	18.9	4.34	.47	.61	.75	61.5	18.0	4.85	.48	.62	.77	59.0	17.3	5.46	.48	.64	.79
	1995	940	69.0	20.2	3.92	.48	.63	.77	66.0	19.3	4.35	.48	.64	.79	63.0	18.5	4.87	.49	.65	.81	59.5	17.4	5.48	.50	.67	.83

COOLING CAPACITY - 13ACD-060 with TXV

[C33-62D + G60UHV-60D-135]

63°F (17°C)	1365	645	56.0	16.4	3.71	.72	.84	.95	54.0	15.8	4.16	.74	.85	.97	52.0	15.2	4.68	.74	.87	.99	49.5	14.5	5.28	.76	.89	1.00
	1575	745	58.0	17.0	3.75	.74	.87	.99	56.0	16.4	4.19	.75	.89	1.00	53.5	15.7	4.71	.77	.90	1.00	51.0	14.9	5.31	.78	.93	1.00
	1615	760	58.5	17.1	3.76	.75	.88	1.00	56.0	16.4	4.20	.76	.90	1.00	54.0	15.8	4.72	.78	.92	1.00	51.5	15.1	5.31	.79	.94	1.00
67°F (19°C)	1365	645	59.0	17.3	3.76	.58	.70	.80	57.0	16.7	4.21	.59	.71	.82	55.0	16.1	4.73	.60	.72	.83	52.5	15.4	5.34	.61	.73	.85
	1575	745	61.0	17.9	3.79	.60	.72	.83	59.0	17.3	4.24	.60	.73	.85	56.5	16.6	4.76	.61	.74	.87	54.0	15.8	5.37	.62	.76	.89
	1615	760	61.5	18.0	3.80	.61	.73	.85	59.5	17.4	4.25	.61	.74	.86	57.0	16.7	4.76	.62	.75	.88	54.0	15.8	5.37	.63	.77	.91
71°F (22°C)	1365	645	62.5	18.3	3.82	.46	.57	.67	60.5	17.7	4.26	.46	.57	.68	58.0	17.0	4.79	.46	.58	.69	55.5	16.3	5.39	.47	.59	.71
	1575	745	64.5	18.9	3.85	.46	.58	.70	62.0	18.2	4.29	.46	.59	.71	59.5	17.4	4.81	.47	.60	.72	57.0	16.7	5.42	.47	.61	.74
	1615	760	65.0	19.0	3.86	.47	.59	.70	62.5	18.3	4.30	.47	.60	.72	60.0	17.6	4.82	.47	.60	.73	57.5	16.9	5.43	.48	.61	.75

COOLING CAPACITY - 13ACD-060 with RFC

[C33-62D + G60UHV-60D-135]

63°F (17°C)	1695	800	59.0	17.3	3.77	.76	.89	1.00	56.5	16.6	4.22	.77	.91	1.00	54.0	15.8	4.73	.78	.93	1.00	51.5	15.1	5.33	.80	.96	1.00
	1900	895	60.5	17.7	3.80	.78	.93	1.00	58.0	17.0	4.24	.80	.95	1.00	55.5	16.3	4.76	.81	.97	1.00	53.0	15.5	5.36	.83	1.00	1.00
	1945	920	60.5	17.7	3.80	.79	.93	1.00	58.0	17.0	4.24	.80	.96	1.00	56.0	16.4	4.76	.82	.98	1.00	53.0	15.5	5.36	.84	1.00	1.00
67°F (19°C)	1695	800	62.0	18.2	3.82	.60	.73	.86	60.0	17.6	4.27	.61	.75	.88	57.0	16.7	4.79	.62	.76	.90	54.5	16.0	5.39	.63	.78	.92
	1900	895	63.5	18.6	3.85	.62	.76	.89	61.0	17.9	4.29	.63	.78	.92	58.5	17.1	4.81	.63	.79	.94	55.5	16.3	5.42	.65	.81	.97
	1945	920	64.0	18.8	3.85	.62	.77	.90	61.5	18.0	4.29	.63	.78	.92	59.0	17.3	4.81	.64	.80	.95	56.0	16.4	5.42	.66	.82	.98
71°F (22°C)	1695	800	66.0	19.3	3.88	.47	.59	.71	63.0	18.5	4.32	.47	.60	.73	60.5	17.7	4.84	.47	.61	.74	58.0	17.0	5.45	.47	.62	.76
	1900	895	67.0	19.6	3.90	.47	.61	.74	64.5	18.9	4.34	.48	.62	.75	62.0	18.2	4.86	.48	.63	.77	59.0	17.3	5.47	.49	.64	.79
	1945	920	67.0	19.6	3.90	.48	.61	.75	65.0	19.0	4.34	.48	.62	.76	62.0	18.2	4.86	.48	.63	.78	59.0	17.3	5.47	.49	.65	.80

COOLING CAPACITY - 13ACD-060 with TXV

[C33-62D + G61MPV-60D-135]
[C33-62D + G71MPP-60D-135]

63°F (17°C)	1565	740	58.0	17.0	3.76	.75	.87	.99	56.0	16.4	4.20	.76	.89	1.00	53.5	15.7	4.72	.77	.91	1.00	51.0	14.9	5.33	.79	.93	1.00
	1780	840	59.5	17.4	3.78	.77	.91	1.00	57.0	16.7	4.23	.78	.93	1.00	55.0	16.1	4.74	.80	.95	1.00	52.0	15.2	5.35	.82	.98	1.00
	1820	860	60.0	17.6	3.79	.78	.92	1.00	57.5	16.9	4.23	.79	.94	1.00	55.0	16.1	4.75	.81	.96	1.00	52.5	15.4	5.36	.83	.99	1.00
67°F (19°C)	1565	740	61.0	17.9	3.81	.60	.72	.84	59.0	17.3	4.25	.61	.73	.86	56.5	16.6	4.78	.61	.75	.88	54.0	15.8	5.38	.62	.76	.90
	1780	840	63.0	18.5	3.83	.62	.75	.88	60.5	17.7	4.28	.62	.76	.89	58.0	17.0	4.80	.63	.78	.92	55.0	16.1	5.40	.64	.80	.94
	1820	860	63.0	18.5	3.84	.62	.76	.88	60.5	17.7	4.28	.63	.77	.90	58.0	17.0	4.80	.63	.79	.93	55.5	16.3	5.41	.65	.81	.95
71°F (22°C)	1565	740	64.5	18.9	3.86	.47	.58	.70	62.0	18.2	4.30	.47	.59	.71	60.0	17.6	4.83	.47	.60	.73	57.0	16.7	5.43	.48	.61	.74
	1780	840	66.0	19.3	3.89	.47	.60	.73	64.0	18.8	4.33	.47	.61	.74	61.0	17.9	4.85	.48	.62	.76	58.5	17.1	5.46	.48	.63	.77
	1820	860	67.0	19.6	3.89	.48	.61	.74	64.0	18.8	4.33	.48	.61	.75	61.5	18.0	4.85	.48	.62	.77	58.5	17.1	5.46	.49	.64	.78

COOLING CAPACITY - 13ACD-060 with RFC

[C33-62D + G61MPV-60D-135]
[C33-62D + G71MPP-60D-135]

63°F (17°C)	1565	740	58.0	17.0	3.75	.74	.87	.99	56.0	16.4	4.19	.76	.89	1.00	53.5	15.7	4.71	.77	.91	1.00	51.0	14.9	5.31	.78	.93	1.00
	1780	840	59.5	17.4	3.77	.77	.90	1.00	57.5	16.9	4.21	.78	.92	1.00	55.0	16.1	4.73	.80	.94	1.00	52.5	15.4	5.34	.82	.97	1.00
	1820	860	60.0	17.6	3.78	.77	.91	1.00	58.0	17.0	4.22	.79	.93	1.00	55.5	16.3	4.74	.81	.95	1.00	52.5	15.4	5.34	.82	.98	1.00
67°F (19°C)	1565	740	61.0	17.9	3.80	.60	.72	.84	59.0	17.3	4.24	.61	.73	.85	56.5	16.6	4.76	.61	.75	.87	54.0	15.8	5.37	.62	.76	.89
	1780	840	63.0	18.5	3.82	.61	.74	.87	60.5	17.7	4.26	.62	.76	.89	58.0	17.0	4.78	.63	.77	.91	55.5	16.3	5.39	.64	.79	.94
	1820	860	63.5	18.6	3.83	.62	.75	.88	61.0	17.9	4.27	.63	.77	.90	58.5	17.1	4.79	.64	.78	.92	55.5	16.3	5.40	.65	.80	.95
71°F (22°C)	1565	740	64.5	18.9	3.85	.46	.58	.70	62.0	18.2	4.29	.47	.59	.71	60.0	17.6	4.81	.47	.60	.72	57.0	16.7	5.42	.47	.61	.74
	1780	840	66.0	19.3	3.87	.47	.60	.72	64.0	18.8	4.31	.47	.61	.74	61.0	17.9	4.83	.48	.62	.75	58.5	17.1	5.45	.48	.63	.77
	1820	860	67.0	19.6	3.88	.48	.60	.73	64.0	18.8	4.32	.48	.61	.74	61.5	18.0	4.84	.48	.62	.76	58.5	17.1	5.45	.49	.63	.78

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

COOLING CAPACITY - 13ACD-060 with TXV [CR33-60D-F]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1480	700	55.5	16.3	3.71	.75	.88	.98	53.5	15.7	4.15	.76	.89	.99	51.5	15.1	4.67	.77	.91	1.00	49.0	14.4	5.27	.79	.93	1.00
	1680	795	57.0	16.7	3.73	.77	.91	1.00	55.0	16.1	4.18	.79	.93	1.00	53.0	15.5	4.69	.80	.95	1.00	50.0	14.7	5.30	.82	.97	1.00
	1880	885	58.5	17.1	3.75	.80	.95	1.00	56.5	16.6	4.20	.81	.96	1.00	54.0	15.8	4.72	.83	.97	1.00	51.5	15.1	5.32	.85	.99	1.00
67°F (19°C)	1480	700	59.0	17.3	3.76	.60	.72	.84	57.0	16.7	4.21	.60	.73	.86	54.5	16.0	4.72	.61	.75	.88	52.0	15.2	5.32	.62	.76	.90
	1680	795	60.5	17.7	3.78	.61	.75	.88	58.0	17.0	4.23	.62	.76	.90	56.0	16.4	4.75	.63	.78	.92	53.0	15.5	5.35	.64	.80	.94
	1880	885	61.5	18.0	3.80	.63	.78	.91	59.5	17.4	4.25	.64	.79	.93	57.0	16.7	4.77	.65	.81	.95	54.5	16.0	5.37	.66	.83	.97
71°F (22°C)	1480	700	62.0	18.2	3.81	.46	.58	.70	60.0	17.6	4.25	.46	.59	.71	57.5	16.9	4.77	.47	.60	.72	54.5	16.0	5.38	.47	.61	.74
	1680	795	63.5	18.6	3.83	.47	.60	.73	61.5	18.0	4.28	.47	.61	.74	59.0	17.3	4.80	.47	.62	.75	56.0	16.4	5.41	.48	.63	.77
	1880	885	65.0	19.0	3.85	.48	.62	.75	62.5	18.3	4.29	.48	.63	.77	60.0	17.6	4.81	.49	.64	.79	57.0	16.7	5.42	.49	.65	.81

DOWN-FLOW INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - 13ACD-060 with TXV [CR33-60D-F + G60DFV-60D-135]

63°F (17°C)	1670	790	57.0	16.7	3.73	.77	.91	1.00	55.0	16.1	4.17	.78	.92	1.00	52.5	15.4	4.69	.80	.94	1.00	50.0	14.7	5.29	.81	.96	1.00
	1865	880	58.5	17.1	3.75	.79	.94	1.00	56.0	16.4	4.20	.81	.96	1.00	53.5	15.7	4.71	.83	.97	1.00	51.0	14.9	5.31	.85	.99	1.00
	2050	970	59.5	17.4	3.77	.82	.97	1.00	57.0	16.7	4.21	.84	.98	1.00	54.5	16.0	4.73	.86	.99	1.00	52.0	15.2	5.34	.88	1.00	1.00
67°F (19°C)	1670	790	60.5	17.7	3.79	.61	.74	.87	58.0	17.0	4.23	.62	.76	.89	55.5	16.3	4.75	.62	.77	.91	53.0	15.5	5.35	.64	.79	.94
	1865	880	61.5	18.0	3.80	.63	.77	.91	59.5	17.4	4.25	.64	.79	.93	57.0	16.7	4.76	.65	.80	.95	54.0	15.8	5.37	.66	.82	.97
	2050	970	62.5	18.3	3.82	.65	.80	.94	60.5	17.7	4.26	.65	.81	.96	58.0	17.0	4.78	.67	.83	.97	55.0	16.1	5.38	.68	.85	.99
71°F (22°C)	1670	790	63.5	18.6	3.83	.46	.59	.72	61.0	17.9	4.28	.46	.60	.73	58.5	17.1	4.79	.47	.61	.75	56.0	16.4	5.40	.48	.62	.77
	1865	880	65.0	19.0	3.85	.47	.62	.75	62.5	18.3	4.29	.47	.62	.76	60.0	17.6	4.81	.48	.63	.78	57.0	16.7	5.42	.49	.64	.80
	2050	970	66.0	19.3	3.87	.48	.63	.77	63.5	18.6	4.31	.48	.64	.79	61.0	17.9	4.83	.49	.65	.81	58.0	17.0	5.44	.50	.67	.83

COOLING CAPACITY - 13ACD-060 with TXV [CR33-60D-F + G61MPV-60D-135] [CR33-60D-F + G71MPP-60D-135]

63°F (17°C)	1565	740	56.5	16.6	3.72	.76	.89	.99	54.5	16.0	4.16	.77	.91	1.00	52.0	15.2	4.68	.78	.93	1.00	49.5	14.5	5.28	.80	.95	1.00
	1780	840	58.0	17.0	3.74	.78	.93	1.00	55.5	16.3	4.19	.80	.95	1.00	53.0	15.5	4.70	.81	.96	1.00	50.5	14.8	5.30	.83	.98	1.00
	1820	860	58.0	17.0	3.75	.79	.94	1.00	56.0	16.4	4.19	.81	.95	1.00	53.5	15.7	4.71	.82	.97	1.00	51.0	14.9	5.31	.84	.98	1.00
67°F (19°C)	1565	740	59.5	17.4	3.77	.60	.73	.86	57.5	16.9	4.22	.61	.74	.88	55.0	16.1	4.73	.62	.76	.89	52.5	15.4	5.34	.63	.78	.92
	1780	840	61.0	17.9	3.80	.62	.76	.90	59.0	17.3	4.24	.63	.77	.91	56.5	16.6	4.76	.64	.79	.93	53.5	15.7	5.36	.65	.81	.96
	1820	860	61.5	18.0	3.80	.63	.77	.91	59.0	17.3	4.24	.64	.78	.92	56.5	16.6	4.76	.64	.80	.95	54.0	15.8	5.37	.66	.82	.96
71°F (22°C)	1565	740	62.5	18.3	3.82	.46	.59	.71	60.5	17.7	4.26	.47	.60	.72	58.0	17.0	4.78	.47	.61	.73	55.5	16.3	5.39	.48	.62	.75
	1780	840	64.0	18.8	3.84	.47	.61	.74	62.0	18.2	4.29	.47	.62	.75	59.5	17.4	4.80	.48	.63	.77	56.5	16.6	5.42	.49	.64	.79
	1820	860	64.5	18.9	3.85	.48	.62	.75	62.0	18.2	4.30	.48	.62	.76	59.5	17.4	4.81	.48	.63	.78	57.0	16.7	5.42	.49	.65	.80

HORIZONTAL INDOOR COILS

COOLING CAPACITY - 13ACD-060 with TXV [CH23-68]

63°F (17°C)	1550	730	57.5	16.9	3.74	.75	.88	.99	55.5	16.3	4.19	.76	.90	1.00	53.0	15.5	4.70	.78	.92	1.00	50.5	14.8	5.30	.79	.94	1.00
	1750	825	59.5	17.4	3.77	.78	.92	1.00	57.0	16.7	4.21	.79	.94	1.00	54.5	16.0	4.73	.81	.96	1.00	52.0	15.2	5.33	.83	.98	1.00
	1950	920	60.5	17.7	3.79	.80	.95	1.00	58.5	17.1	4.23	.82	.97	1.00	56.0	16.4	4.75	.84	.99	1.00	53.5	15.7	5.36	.86	1.00	1.00
67°F (19°C)	1550	730	61.0	17.9	3.80	.60	.73	.85	59.0	17.3	4.24	.61	.74	.87	56.5	16.6	4.76	.62	.75	.89	53.5	15.7	5.36	.63	.77	.91
	1750	825	62.5	18.3	3.82	.62	.76	.89	60.5	17.7	4.26	.63	.77	.90	57.5	16.9	4.78	.64	.79	.93	55.0	16.1	5.39	.65	.80	.95
	1950	920	64.0	18.8	3.84	.63	.78	.92	61.5	18.0	4.28	.64	.80	.94	59.0	17.3	4.80	.65	.82	.96	56.0	16.4	5.40	.67	.84	.98
71°F (22°C)	1550	730	65.0	19.0	3.85	.47	.59	.70	62.5	18.3	4.29	.47	.60	.72	59.5	17.4	4.81	.47	.60	.73	57.0	16.7	5.42	.48	.61	.75
	1750	825	66.0	19.3	3.87	.48	.61	.73	64.0	18.8	4.32	.48	.61	.75	61.0	17.9	4.83	.48	.62	.76	58.5	17.1	5.44	.49	.64	.78
	1950	920	68.0	19.9	3.89	.48	.62	.76	65.0	19.0	4.33	.49	.63	.78	62.5	18.3	4.85	.49	.64	.79	59.0	17.3	5.46	.50	.66	.82

COOLING CAPACITY - 13ACD-060 with RFC [CH23-68]

63°F (17°C)	1480	700	57.0	16.7	3.74	.74	.87	.98	55.0	16.1	4.18	.76	.89	1.00	52.5	15.4	4.70	.77	.91	1.00	50.0	14.7	5.31	.79	.93	1.00
	1680	795	58.5	17.1	3.77	.77	.91	1.00	56.5	16.6	4.21	.78	.93	1.00	54.0	15.8	4.73	.80	.95	1.00	51.5	15.1	5.33	.82	.97	1.00
	1880	885	60.0	17.6	3.79	.80	.94	1.00	57.5	16.9	4.23	.81	.96	1.00	55.5	16.3	4.75	.83	.98	1.00	53.0	15.5	5.36	.85	1.00	1.00
67°F (19°C)	1480	700	60.5	17.7	3.80	.60	.72	.84	58.0	17.0	4.24	.60	.73	.86	55.5	16.3	4.76	.61	.75	.88	53.0	15.5	5.37	.62	.76	.90
	1680	795	62.0	18.2	3.82	.61	.75	.88	59.5	17.4	4.27	.62	.76	.90	57.0	16.7	4.78	.63	.78	.92	54.5	16.0	5.39	.64	.80	.94
	1880	885	63.5	18.6	3.84	.63	.78	.91	61.0	17.9	4.28	.64	.79	.93	58.5	17.1	4.80	.65	.81	.96	55.5	16.3	5.41	.66	.83	.98
71°F (22°C)	1480	700	64.0	18.8	3.85	.46	.58	.70	61.5	18.0	4.29	.46	.59	.71	59.0	17.3	4.81	.46	.59	.72	56.5	16.6	5.42	.47	.60	.74
	1680	795	66.0	19.3	3.88	.47	.60	.73	63.0	18.5	4.32	.47	.61	.74	60.5	17.7	4.84	.47	.62	.76	57.5	16.9	5.45	.48	.63	.77
	1880	885	67.0	19.6	3.90	.48	.62	.75	64.5	18.9	4.34	.48	.63	.77	61.5	18.0	4.86	.48	.64	.79	58.5	17.1	5.46	.49	.65	.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.

HORIZONTAL INDOOR COILS

COOLING CAPACITY - 13ACD-060 with TXV [CH33-50/60C-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		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1550	730	57.5	16.9	3.73	.74	.87	.99	55.0	16.1	4.18	.75	.88	1.00	52.5	15.4	4.69	.77	.90	1.00	50.0	14.7	5.29	.78	.93	1.00
	1750	825	59.0	17.3	3.76	.76	.90	1.00	56.5	16.6	4.20	.78	.92	1.00	54.0	15.8	4.72	.79	.94	1.00	51.5	15.1	5.31	.81	.97	1.00
	1950	920	60.0	17.6	3.78	.79	.93	1.00	57.5	16.9	4.22	.80	.95	1.00	55.0	16.1	4.74	.82	.98	1.00	52.5	15.4	5.33	.84	1.00	1.00
67°F (19°C)	1550	730	60.5	17.7	3.79	.60	.72	.83	58.5	17.1	4.23	.60	.73	.85	56.0	16.4	4.75	.61	.74	.87	53.0	15.5	5.35	.62	.76	.89
	1750	825	62.5	18.3	3.81	.61	.74	.87	60.0	17.6	4.26	.62	.75	.89	57.5	16.9	4.77	.63	.77	.91	54.5	16.0	5.37	.64	.79	.93
	1950	920	63.5	18.6	3.83	.62	.76	.90	61.0	17.9	4.27	.63	.78	.92	58.5	17.1	4.79	.64	.80	.94	55.5	16.3	5.39	.66	.81	.97
71°F (22°C)	1550	730	64.0	18.8	3.84	.46	.58	.69	61.5	18.0	4.28	.47	.59	.71	59.0	17.3	4.80	.47	.60	.72	56.0	16.4	5.41	.48	.61	.73
	1750	825	66.0	19.3	3.86	.47	.60	.72	63.0	18.5	4.30	.48	.60	.73	60.5	17.7	4.82	.48	.61	.75	57.5	16.9	5.43	.48	.63	.76
	1950	920	67.0	19.6	3.88	.48	.61	.74	64.5	18.9	4.32	.48	.62	.76	61.5	18.0	4.84	.49	.63	.77	58.5	17.1	5.45	.49	.64	.79

COOLING CAPACITY - 13ACD-060 with RFC [CH33-50/60C-2F]

63°F (17°C)	1480	700	56.5	16.6	3.73	.74	.86	.98	54.5	16.0	4.18	.75	.87	.99	52.0	15.2	4.70	.76	.89	1.00	49.5	14.5	5.30	.77	.92	1.00
	1680	795	58.0	17.0	3.76	.76	.89	1.00	55.5	16.3	4.20	.77	.91	1.00	53.5	15.7	4.72	.79	.93	1.00	50.5	14.8	5.32	.80	.96	1.00
	1880	885	59.5	17.4	3.78	.78	.93	1.00	57.0	16.7	4.22	.80	.95	1.00	54.5	16.0	4.74	.81	.97	1.00	51.5	15.1	5.34	.83	.99	1.00
67°F (19°C)	1480	700	60.0	17.6	3.79	.59	.71	.83	57.5	16.9	4.23	.60	.72	.84	55.0	16.1	4.75	.61	.73	.86	52.5	15.4	5.35	.62	.75	.88
	1680	795	61.5	18.0	3.82	.61	.73	.86	59.0	17.3	4.26	.61	.75	.88	56.5	16.6	4.78	.62	.76	.90	54.0	15.8	5.38	.63	.78	.92
	1880	885	63.0	18.5	3.84	.62	.76	.89	60.5	17.7	4.28	.63	.77	.91	58.0	17.0	4.80	.64	.79	.93	55.0	16.1	5.40	.65	.81	.96
71°F (22°C)	1480	700	63.0	18.5	3.84	.46	.58	.69	60.5	17.7	4.28	.47	.58	.70	58.0	17.0	4.80	.47	.59	.71	55.5	16.3	5.41	.47	.60	.73
	1680	795	65.0	19.0	3.86	.47	.59	.71	62.5	18.3	4.30	.47	.60	.72	59.5	17.4	4.83	.48	.61	.74	57.0	16.7	5.43	.48	.62	.76
	1880	885	66.0	19.3	3.88	.48	.61	.74	63.5	18.6	4.32	.48	.62	.75	61.0	17.9	4.85	.49	.63	.77	58.0	17.0	5.46	.49	.64	.79

COOLING CAPACITY - 13ACD-060 with TXV [CH33-60D-2F]

63°F (17°C)	1550	730	57.0	16.7	3.73	.74	.86	.98	54.5	16.0	4.17	.75	.88	1.00	52.5	15.4	4.69	.76	.90	1.00	50.0	14.7	5.29	.78	.92	1.00
	1750	825	58.5	17.1	3.75	.76	.90	1.00	56.0	16.4	4.20	.77	.91	1.00	54.0	15.8	4.71	.79	.94	1.00	51.0	14.9	5.31	.81	.96	1.00
	1950	920	59.5	17.4	3.77	.78	.93	1.00	57.5	16.9	4.21	.80	.95	1.00	55.0	16.1	4.73	.81	.97	1.00	52.0	15.2	5.33	.83	.99	1.00
67°F (19°C)	1550	730	60.5	17.7	3.78	.60	.71	.83	58.0	17.0	4.23	.60	.73	.85	55.5	16.3	4.75	.61	.74	.86	53.0	15.5	5.35	.62	.75	.89
	1750	825	62.0	18.2	3.81	.61	.74	.86	59.5	17.4	4.25	.62	.75	.88	57.0	16.7	4.77	.63	.77	.90	54.5	16.0	5.37	.64	.78	.93
	1950	920	63.0	18.5	3.83	.62	.76	.89	61.0	17.9	4.27	.63	.77	.91	58.0	17.0	4.78	.64	.79	.94	55.5	16.3	5.39	.65	.81	.96
71°F (22°C)	1550	730	63.5	18.6	3.84	.47	.58	.69	61.0	17.9	4.28	.47	.59	.70	59.0	17.3	4.80	.47	.59	.71	56.0	16.4	5.40	.47	.60	.73
	1750	825	65.0	19.0	3.86	.47	.60	.71	62.5	18.3	4.30	.47	.60	.73	60.0	17.6	4.82	.48	.61	.74	57.5	16.9	5.43	.48	.62	.76
	1950	920	67.0	19.6	3.88	.48	.61	.74	64.0	18.8	4.32	.48	.62	.75	61.5	18.0	4.84	.49	.63	.77	58.5	17.1	5.44	.49	.64	.79

COOLING CAPACITY - 13ACD-060 with TXV [CH33-62D-2F]

63°F (17°C)	1550	730	57.5	16.9	3.74	.74	.86	.97	55.0	16.1	4.18	.75	.87	.99	53.0	15.5	4.69	.76	.89	1.00	50.5	14.8	5.30	.78	.91	1.00
	1750	825	59.0	17.3	3.76	.76	.89	1.00	56.5	16.6	4.20	.77	.91	1.00	54.0	15.8	4.72	.79	.93	1.00	51.5	15.1	5.32	.80	.95	1.00
	1950	920	60.5	17.7	3.78	.78	.92	1.00	58.0	17.0	4.22	.79	.94	1.00	55.5	16.3	4.74	.81	.96	1.00	52.5	15.4	5.34	.83	.99	1.00
67°F (19°C)	1550	730	60.5	17.7	3.78	.60	.71	.83	58.0	17.0	4.23	.60	.73	.84	55.5	16.3	4.74	.61	.74	.86	53.0	15.5	5.35	.62	.75	.88
	1750	825	62.0	18.2	3.81	.61	.74	.86	59.5	17.4	4.25	.62	.75	.87	57.5	16.9	4.77	.63	.76	.89	54.5	16.0	5.37	.64	.78	.92
	1950	920	63.5	18.6	3.83	.62	.76	.89	61.0	17.9	4.27	.63	.77	.91	58.5	17.1	4.79	.64	.79	.93	55.5	16.3	5.40	.65	.81	.96
71°F (22°C)	1550	730	63.5	18.6	3.84	.47	.58	.69	61.5	18.0	4.28	.47	.59	.70	59.0	17.3	4.80	.47	.60	.71	56.0	16.4	5.41	.48	.61	.73
	1750	825	65.0	19.0	3.86	.47	.60	.71	63.0	18.5	4.30	.48	.61	.73	60.5	17.7	4.82	.48	.61	.74	57.5	16.9	5.43	.48	.62	.76
	1950	920	67.0	19.6	3.88	.48	.61	.74	64.0	18.8	4.32	.48	.62	.75	61.5	18.0	4.84	.49	.63	.77	58.5	17.1	5.44	.49	.64	.79

COOLING CAPACITY - 13ACD-060 with RFC [CH33-62D-2F]

63°F (17°C)	1480	700	56.5	16.6	3.73	.73	.85	.96	54.5	16.0	4.18	.74	.87	.98	52.0	15.2	4.70	.75	.88	1.00	49.5	14.5	5.30	.77	.91	1.00
	1680	795	58.5	17.1	3.76	.75	.88	1.00	56.0	16.4	4.20	.77	.90	1.00	53.5	15.7	4.72	.78	.92	1.00	51.0	14.9	5.32	.80	.94	1.00
	1880	885	59.5	17.4	3.78	.78	.91	1.00	57.5	16.9	4.23	.79	.93	1.00	55.0	16.1	4.74	.81	.96	1.00	52.0	15.2	5.35	.83	.98	1.00
67°F (19°C)	1480	700	59.5	17.4	3.78	.59	.71	.82	57.5	16.9	4.23	.60	.72	.83	55.0	16.1	4.75	.61	.73	.85	52.5	15.4	5.35	.62	.75	.87
	1680	795	61.5	18.0	3.81	.61	.73	.85	59.0	17.3	4.26	.61	.74	.87	56.5	16.6	4.77	.62	.76	.89	54.0	15.8	5.38	.63	.77	.91
	1880	885	63.0	18.5	3.83	.62	.75	.88	60.5	17.7	4.28	.63	.77	.90	58.0	17.0	4.80	.64	.78	.92	55.0	16.1	5.40	.65	.80	.95
71°F (22°C)	1480	700	63.0	18.5	3.84	.47	.58	.69	60.5	17.7	4.28	.47	.58	.70	58.0	17.0	4.80	.47	.59	.71	55.5	16.3	5.41	.47	.60	.72
	1680	795	64.5	18.9	3.86	.47	.59	.71	62.0	18.2	4.30	.47	.60	.72	59.5	17.4	4.82	.48	.61	.73	57.0	16.7	5.43	.48	.62	.75
	1880	885	66.0	19.3	3.88	.48	.61	.73	63.5	18.6	4.33	.48	.61	.75	61.0	17.9	4.84	.48	.63	.76	58.0	17.0	5.45	.49	.64	.78

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

HORIZONTAL INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - 13ACD-060 with TXV [CH23-68 + G60UHV-60D-135]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	1695	800	58.5	17.1	3.76	.76	.90	1.00	56.5	16.6	4.20	.78	.92	1.00	54.0	15.8	4.72	.79	.94	1.00	51.5	15.1	5.32	.81	.96	1.00
	1900	895	60.0	17.6	3.78	.79	.94	1.00	58.0	17.0	4.23	.81	.96	1.00	55.5	16.3	4.74	.83	.98	1.00	53.0	15.5	5.35	.85	.99	1.00
	1945	920	60.5	17.7	3.79	.80	.95	1.00	58.0	17.0	4.23	.82	.97	1.00	55.5	16.3	4.75	.83	.98	1.00	53.0	15.5	5.36	.86	1.00	1.00
67°F (19°C)	1695	800	62.0	18.2	3.81	.61	.74	.87	60.0	17.6	4.25	.62	.76	.89	57.0	16.7	4.77	.63	.77	.91	54.5	16.0	5.38	.64	.79	.93
	1900	895	63.5	18.6	3.84	.63	.77	.91	61.0	17.9	4.27	.64	.79	.93	58.5	17.1	4.79	.65	.80	.95	55.5	16.3	5.40	.66	.83	.97
	1945	920	64.0	18.8	3.84	.63	.78	.92	61.5	18.0	4.28	.64	.79	.94	58.5	17.1	4.79	.65	.81	.96	56.0	16.4	5.40	.66	.83	.98
71°F (22°C)	1695	800	66.0	19.3	3.87	.47	.60	.72	63.5	18.6	4.31	.47	.60	.73	60.5	17.7	4.83	.47	.61	.75	58.0	17.0	5.43	.48	.62	.77
	1900	895	67.0	19.6	3.89	.47	.61	.75	64.5	18.9	4.33	.48	.62	.76	62.0	18.2	4.85	.48	.63	.78	59.0	17.3	5.45	.49	.65	.80
	1945	920	68.0	19.9	3.89	.48	.62	.76	65.0	19.0	4.33	.48	.63	.77	62.5	18.3	4.85	.49	.64	.79	59.0	17.3	5.45	.49	.66	.81

COOLING CAPACITY - 13ACD-060 with RFC [CH23-68 + G60UHV-60D-135]

63°F (17°C)	1695	800	58.5	17.1	3.77	.77	.91	1.00	56.5	16.6	4.21	.78	.93	1.00	54.0	15.8	4.73	.80	.95	1.00	51.5	15.1	5.33	.82	.97	1.00
	1900	895	60.0	17.6	3.79	.80	.94	1.00	57.5	16.9	4.24	.81	.96	1.00	55.5	16.3	4.76	.83	.98	1.00	53.0	15.5	5.36	.85	1.00	1.00
	1945	920	60.5	17.7	3.80	.80	.95	1.00	58.0	17.0	4.24	.82	.97	1.00	55.5	16.3	4.76	.84	.99	1.00	53.0	15.5	5.37	.86	1.00	1.00
67°F (19°C)	1695	800	62.0	18.2	3.82	.61	.74	.88	59.5	17.4	4.26	.62	.76	.89	57.0	16.7	4.78	.63	.77	.92	54.5	16.0	5.39	.64	.79	.94
	1900	895	63.5	18.6	3.84	.63	.78	.91	61.0	17.9	4.29	.64	.79	.93	58.0	17.0	4.81	.65	.81	.96	55.5	16.3	5.41	.66	.83	.98
	1945	920	64.0	18.8	3.85	.63	.78	.92	61.0	17.9	4.29	.64	.80	.94	58.5	17.1	4.81	.65	.82	.96	55.5	16.3	5.42	.67	.84	.98
71°F (22°C)	1695	800	66.0	19.3	3.88	.46	.59	.72	63.0	18.5	4.32	.47	.60	.74	60.5	17.7	4.84	.47	.61	.75	57.5	16.9	5.45	.47	.62	.77
	1900	895	67.0	19.6	3.90	.47	.62	.75	64.5	18.9	4.34	.48	.63	.77	62.0	18.2	4.86	.48	.64	.79	59.0	17.3	5.46	.49	.65	.81
	1945	920	67.0	19.6	3.90	.48	.62	.76	65.0	19.0	4.34	.48	.63	.78	62.0	18.2	4.86	.49	.64	.80	59.0	17.3	5.47	.49	.66	.82

COOLING CAPACITY - 13ACD-060 with TXV [CH23-68 + G61MPV-60D-135] [CH23-68 + G71MPP-60D-135]

63°F (17°C)	1565	740	58.0	17.0	3.74	.75	.88	.99	55.5	16.3	4.19	.76	.90	1.00	53.5	15.7	4.70	.78	.92	1.00	50.5	14.8	5.30	.80	.94	1.00
	1780	840	59.5	17.4	3.77	.78	.92	1.00	57.0	16.7	4.21	.79	.94	1.00	54.5	16.0	4.73	.81	.96	1.00	52.0	15.2	5.33	.83	.98	1.00
	1820	860	60.0	17.6	3.78	.79	.93	1.00	57.5	16.9	4.22	.80	.95	1.00	55.0	16.1	4.74	.82	.97	1.00	52.5	15.4	5.34	.84	.99	1.00
67°F (19°C)	1565	740	61.5	18.0	3.80	.60	.73	.85	59.0	17.3	4.24	.61	.74	.87	56.5	16.6	4.76	.62	.75	.89	54.0	15.8	5.36	.63	.77	.91
	1780	840	63.0	18.5	3.82	.62	.76	.89	60.5	17.7	4.27	.63	.77	.91	58.0	17.0	4.78	.64	.79	.93	55.0	16.1	5.39	.65	.81	.95
	1820	860	63.0	18.5	3.83	.63	.76	.90	60.5	17.7	4.27	.63	.78	.92	58.0	17.0	4.78	.64	.80	.94	55.5	16.3	5.39	.65	.82	.96
71°F (22°C)	1565	740	65.0	19.0	3.85	.47	.59	.71	62.5	18.3	4.30	.47	.60	.72	59.5	17.4	4.81	.47	.60	.73	57.0	16.7	5.42	.47	.61	.75
	1780	840	66.0	19.3	3.88	.47	.61	.73	64.0	18.8	4.32	.48	.61	.75	61.0	17.9	4.83	.48	.62	.76	58.5	17.1	5.44	.48	.64	.78
	1820	860	67.0	19.6	3.88	.48	.61	.74	64.5	18.9	4.32	.48	.62	.76	61.5	18.0	4.84	.48	.63	.77	58.5	17.1	5.45	.49	.64	.79

COOLING CAPACITY - 13ACD-060 with RFC [CH23-68 + G61MPV-60D-135] [CH23-68 + G71MPP-60D-135]

63°F (17°C)	1565	740	57.5	16.9	3.75	.75	.89	1.00	55.5	16.3	4.20	.77	.90	1.00	53.0	15.5	4.71	.78	.92	1.00	50.5	14.8	5.32	.80	.95	1.00
	1780	840	59.5	17.4	3.78	.78	.92	1.00	57.0	16.7	4.22	.80	.94	1.00	54.5	16.0	4.74	.81	.96	1.00	52.0	15.2	5.35	.83	.98	1.00
	1820	860	59.5	17.4	3.78	.79	.93	1.00	57.5	16.9	4.23	.81	.95	1.00	55.0	16.1	4.75	.82	.97	1.00	52.5	15.4	5.35	.84	.99	1.00
67°F (19°C)	1565	740	61.0	17.9	3.81	.60	.73	.85	59.0	17.3	4.25	.61	.74	.87	56.0	16.4	4.77	.62	.76	.89	53.5	15.7	5.38	.63	.78	.92
	1780	840	62.5	18.3	3.83	.62	.76	.89	60.0	17.6	4.27	.63	.77	.91	57.5	16.9	4.79	.64	.79	.93	55.0	16.1	5.40	.65	.81	.96
	1820	860	63.0	18.5	3.84	.63	.77	.90	60.5	17.7	4.28	.64	.78	.92	58.0	17.0	4.80	.65	.80	.95	55.0	16.1	5.41	.66	.82	.97
71°F (22°C)	1565	740	64.5	18.9	3.86	.46	.59	.71	62.5	18.3	4.30	.46	.59	.72	60.0	17.6	4.83	.47	.60	.74	57.0	16.7	5.43	.47	.61	.75
	1780	840	66.0	19.3	3.89	.47	.60	.74	64.0	18.8	4.33	.47	.62	.75	61.0	17.9	4.84	.47	.63	.77	58.0	17.0	5.46	.48	.64	.79
	1820	860	67.0	19.6	3.89	.48	.61	.75	64.0	18.8	4.33	.48	.62	.76	61.5	18.0	4.85	.48	.63	.78	58.5	17.1	5.46	.48	.65	.80

COOLING CAPACITY - 13ACD-060 with TXV [CH33-50/60C-2F + G60UHV-60C-090]

63°F (17°C)	1635	770	58.0	17.0	3.74	.75	.88	1.00	55.5	16.3	4.19	.76	.90	1.00	53.0	15.5	4.70	.78	.92	1.00	50.5	14.8	5.30	.79	.94	1.00
	1855	875	59.5	17.4	3.77	.78	.92	1.00	57.0	16.7	4.21	.79	.94	1.00	54.5	16.0	4.73	.81	.96	1.00	52.0	15.2	5.33	.82	.98	1.00
	2015	950	60.5	17.7	3.78	.80	.94	1.00	58.0	17.0	4.23	.81	.97	1.00	55.5	16.3	4.74	.83	.99	1.00	52.5	15.4	5.34	.85	1.00	1.00
67°F (19°C)	1635	770	61.5	18.0	3.80	.60	.73	.85	59.0	17.3	4.24	.61	.74	.86	56.5	16.6	4.76	.62	.75	.88	54.0	15.8	5.36	.63	.77	.91
	1855	875	63.0	18.5	3.83	.62	.75	.88	60.5	17.7	4.27	.63	.77	.90	58.0	17.0	4.78	.64	.78	.93	55.0	16.1	5.38	.65	.80	.95
	2015	950	64.0	18.8	3.84	.63	.77	.91	61.5	18.0	4.28	.64	.79	.93	59.0	17.3	4.79	.65	.81	.96	56.0	16.4	5.40	.66	.83	.98
71°F (22°C)	1635	770	64.5	18.9	3.85	.47	.59	.70	62.0	18.2	4.29	.47	.59	.71	59.5	17.4	4.81	.47	.60	.73	57.0	16.7	5.42	.48	.61	.74
	1855	875	66.0	19.3	3.87	.47	.60	.73	64.0	18.8	4.32	.48	.61	.74	61.0	17.9	4.83	.48	.62	.76	58.0	17.0	5.43	.49	.63	.78
	2015	950	67.0	19.6	3.89	.48	.62	.75	64.5	18.9	4.33	.48	.63	.77	62.0	18.2	4.84	.49	.64	.78	59.0	17.3	5.45	.50	.65	.80

COOLING CAPACITY - 13ACD-060 with RFC [CH33-50/60C-2F + G60UHV-60C-090]

63°F (17°C)	1635	770	57.5	16.9	3.76	.75	.88	1.00	55.5	16.3	4.20	.76	.90	1.00	53.0	15.5	4.71	.78	.92	1.00	50.5	14.8	5.31	.80	.95	1.00
	1855	875	59.0	17.3	3.78	.78	.92	1.00	56.5	16.6	4.22	.79	.94	1.00	54.5	16.0	4.74	.81	.96	1.00	51.5	15.1	5.34	.83	.99	1.00
	2015	950	60.0	17.6	3.79	.80	.95	1.00	57.5	16.9	4.23	.81	.97	1.00	55.0	16.1	4.75	.83	.99	1.00	52.5	15.4	5.35	.85	1.00	1.00
67°F (19°C)	1635	770	61.0	17.9	3.81	.60	.73	.85	58.5	17.1	4.25	.61	.74	.87	56.0	16.4	4.77	.62	.75	.89	53.5	15.7	5.38	.63	.77	.91
	1855	875	62.5	18.3	3.83	.62	.75	.89	60.0	17.6	4.27	.63	.77	.91	57.5	16.9	4.79	.64	.78	.93	55.0	16.1	5.40	.65	.80	.96
	2015	950	63.5	18.6	3.85	.63	.78	.92	61.0	17.9	4.29	.64	.79	.94	58.5	17.1	4.81	.65	.81	.96	55.5	16.3	5.41	.67	.83	.99
71°F (22°C)	1635	770	64.5	18.9	3.86	.47	.59	.70	62.0	18.2	4.30	.47	.59	.72	59.5	17.4	4.82	.47	.60	.73	56.5	16.6	5.43	.48	.61	.75
	1855	875	66.0	19.3	3.88	.47	.61	.73	63.5	18.6	4.32	.48	.61	.75	61.0	17.9	4.84	.48	.62	.76	58.0	17.0	5.45	.49	.64	.78
	2015	950	67.0	19.6	3.90	.48	.62	.75	64.5	18.9	4.34	.49	.63	.77	61.5	18.0	4.85	.49	.64	.79	58.5	17.1	5.46	.50	.65	.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.

HORIZONTAL INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - 13ACD-060 with TXV [CH33-50/60C-2F + G60UHV-60C-110]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1555	735	57.5	16.9	3.74	.74	.87	.99	55.0	16.1	4.18	.75	.89	1.00	52.5	15.4	4.69	.77	.90	1.00	50.0	14.7	5.29	.78	.93	1.00
	1780	840	59.0	17.3	3.76	.77	.91	1.00	56.5	16.6	4.20	.78	.92	1.00	54.0	15.8	4.72	.80	.95	1.00	51.5	15.1	5.32	.81	.97	1.00
	1820	860	59.5	17.4	3.77	.78	.92	1.00	57.0	16.7	4.21	.79	.94	1.00	54.5	16.0	4.72	.81	.96	1.00	52.0	15.2	5.32	.82	.98	1.00
67°F (19°C)	1555	735	60.5	17.7	3.79	.60	.72	.84	58.5	17.1	4.23	.60	.73	.85	56.0	16.4	4.75	.61	.74	.87	53.5	15.7	5.35	.62	.76	.89
	1780	840	62.5	18.3	3.82	.61	.74	.87	60.0	17.6	4.26	.62	.76	.89	57.5	16.9	4.78	.63	.77	.91	54.5	16.0	5.38	.64	.79	.94
	1820	860	63.0	18.5	3.82	.62	.75	.88	60.5	17.7	4.26	.63	.77	.90	58.0	17.0	4.78	.64	.78	.92	55.0	16.1	5.39	.65	.80	.95
71°F (22°C)	1555	735	64.0	18.8	3.84	.46	.58	.69	61.5	18.0	4.28	.47	.59	.71	59.0	17.3	4.80	.47	.60	.72	56.5	16.6	5.41	.48	.61	.73
	1780	840	66.0	19.3	3.87	.47	.60	.72	63.5	18.6	4.31	.47	.61	.73	60.5	17.7	4.83	.48	.62	.75	58.0	17.0	5.43	.48	.63	.77
	1820	860	66.0	19.3	3.87	.48	.60	.73	63.5	18.6	4.31	.48	.61	.74	61.0	17.9	4.83	.49	.62	.76	58.0	17.0	5.43	.49	.64	.78

COOLING CAPACITY - 13ACD-060 with RFC [CH33-50/60C-2F + G60UHV-60C-110]

63°F (17°C)	1555	735	57.0	16.7	3.75	.74	.87	.99	55.0	16.1	4.19	.76	.89	1.00	52.5	15.4	4.71	.77	.91	1.00	50.0	14.7	5.30	.79	.93	1.00
	1780	840	58.5	17.1	3.77	.77	.91	1.00	56.5	16.6	4.21	.78	.93	1.00	54.0	15.8	4.73	.80	.95	1.00	51.0	14.9	5.33	.82	.98	1.00
	1820	860	59.0	17.3	3.78	.78	.92	1.00	57.0	16.7	4.22	.79	.94	1.00	54.0	15.8	4.74	.81	.96	1.00	51.5	15.1	5.34	.83	.99	1.00
67°F (19°C)	1555	735	60.5	17.7	3.80	.60	.72	.84	58.0	17.0	4.24	.61	.73	.85	55.5	16.3	4.76	.61	.74	.87	53.0	15.5	5.37	.62	.76	.90
	1780	840	62.0	18.2	3.82	.61	.75	.87	59.5	17.4	4.27	.62	.76	.89	57.0	16.7	4.78	.63	.77	.92	54.5	16.0	5.39	.64	.79	.94
	1820	860	62.5	18.3	3.83	.62	.75	.89	60.0	17.6	4.27	.63	.77	.91	57.5	16.9	4.79	.64	.78	.93	54.5	16.0	5.40	.65	.80	.95
71°F (22°C)	1555	735	63.5	18.6	3.85	.47	.58	.70	61.5	18.0	4.29	.47	.59	.71	58.5	17.1	4.81	.47	.60	.72	56.0	16.4	5.42	.48	.61	.74
	1780	840	66.0	19.3	3.88	.47	.60	.72	63.0	18.5	4.32	.48	.61	.74	60.5	17.7	4.83	.48	.62	.75	57.5	16.9	5.44	.48	.63	.77
	1820	860	66.0	19.3	3.88	.48	.61	.73	63.5	18.6	4.32	.48	.62	.75	60.5	17.7	4.84	.49	.63	.76	58.0	17.0	5.45	.49	.64	.78

COOLING CAPACITY - 13ACD-060 with TXV [CH33-50/60C-2F + G61MPV-60C-110] [CH33-50/60C-2F + G71MPP-60C-110]

63°F (17°C)	1605	760	57.5	16.9	3.74	.75	.88	1.00	55.5	16.3	4.19	.76	.89	1.00	53.0	15.5	4.70	.77	.91	1.00	50.5	14.8	5.30	.79	.94	1.00
	1790	845	59.0	17.3	3.76	.77	.91	1.00	56.5	16.6	4.21	.78	.93	1.00	54.0	15.8	4.72	.80	.95	1.00	51.5	15.1	5.32	.82	.97	1.00
	1995	940	60.5	17.7	3.78	.79	.94	1.00	58.0	17.0	4.23	.81	.96	1.00	55.5	16.3	4.74	.83	.99	1.00	52.5	15.4	5.34	.85	1.00	1.00
67°F (19°C)	1605	760	61.0	17.9	3.80	.60	.72	.84	59.0	17.3	4.24	.61	.73	.86	56.5	16.6	4.75	.62	.75	.88	53.5	15.7	5.36	.63	.77	.90
	1790	845	62.5	18.3	3.82	.61	.75	.88	60.0	17.6	4.26	.62	.76	.89	57.5	16.9	4.78	.63	.77	.91	55.0	16.1	5.38	.64	.79	.94
	1995	940	64.0	18.8	3.84	.63	.77	.91	61.5	18.0	4.28	.64	.79	.93	58.5	17.1	4.79	.65	.80	.95	56.0	16.4	5.40	.66	.82	.98
71°F (22°C)	1605	760	64.5	18.9	3.84	.46	.58	.70	62.0	18.2	4.29	.47	.59	.71	59.5	17.4	4.81	.47	.60	.72	56.5	16.6	5.42	.48	.61	.74
	1790	845	66.0	19.3	3.87	.47	.60	.72	63.5	18.6	4.31	.48	.61	.74	60.5	17.7	4.83	.48	.62	.75	58.0	17.0	5.43	.49	.63	.77
	1995	940	67.0	19.6	3.89	.48	.62	.75	65.0	19.0	4.33	.48	.63	.76	62.0	18.2	4.84	.49	.64	.78	59.0	17.3	5.45	.50	.65	.80

COOLING CAPACITY - 13ACD-060 with RFC [CH33-50/60C-2F + G61MPV-60C-110] [CH33-50/60C-2F + G71MPP-60C-110]

63°F (17°C)	1605	760	57.5	16.9	3.75	.75	.88	1.00	55.0	16.1	4.19	.76	.90	1.00	52.5	15.4	4.71	.77	.92	1.00	50.0	14.7	5.30	.79	.94	1.00
	1790	845	59.0	17.3	3.77	.77	.91	1.00	56.5	16.6	4.21	.78	.93	1.00	54.0	15.8	4.73	.80	.95	1.00	51.0	14.9	5.33	.82	.98	1.00
	1995	940	60.0	17.6	3.79	.80	.95	1.00	57.5	16.9	4.23	.81	.97	1.00	55.0	16.1	4.75	.83	.99	1.00	52.5	15.4	5.35	.85	1.00	1.00
67°F (19°C)	1605	760	61.0	17.9	3.81	.60	.72	.85	58.5	17.1	4.25	.61	.74	.86	56.0	16.4	4.76	.62	.75	.88	53.5	15.7	5.37	.63	.77	.91
	1790	845	62.5	18.3	3.83	.62	.75	.88	60.0	17.6	4.27	.62	.76	.90	57.0	16.7	4.79	.63	.78	.92	54.5	16.0	5.39	.64	.80	.94
	1995	940	63.5	18.6	3.85	.63	.77	.91	61.0	17.9	4.29	.64	.79	.93	58.5	17.1	4.81	.65	.81	.96	55.5	16.3	5.41	.66	.83	.98
71°F (22°C)	1605	760	64.0	18.8	3.86	.47	.59	.70	61.5	18.0	4.30	.47	.59	.71	59.0	17.3	4.82	.47	.60	.73	56.5	16.6	5.42	.48	.61	.74
	1790	845	66.0	19.3	3.88	.47	.60	.72	63.0	18.5	4.32	.48	.61	.74	60.5	17.7	4.84	.48	.62	.75	57.5	16.9	5.45	.49	.63	.77
	1995	940	67.0	19.6	3.90	.48	.62	.75	64.5	18.9	4.34	.49	.63	.77	61.5	18.0	4.86	.49	.64	.78	58.5	17.1	5.46	.50	.65	.81

COOLING CAPACITY - 13ACD-060 with TXV [CH33-60D-2F + G60UHV-60D-135]

63°F (17°C)	1695	800	58.0	17.0	3.74	.75	.88	1.00	55.5	16.3	4.19	.76	.90	1.00	53.5	15.7	4.70	.78	.92	1.00	50.5	14.8	5.31	.79	.95	1.00
	1900	895	59.0	17.3	3.77	.77	.92	1.00	57.0	16.7	4.21	.79	.94	1.00	54.5	16.0	4.72	.80	.96	1.00	52.0	15.2	5.32	.82	.98	1.00
	1945	920	59.5	17.4	3.77	.78	.92	1.00	57.0	16.7	4.21	.79	.94	1.00	55.0	16.1	4.73	.81	.97	1.00	52.0	15.2	5.33	.83	.99	1.00
67°F (19°C)	1695	800	61.5	18.0	3.80	.60	.73	.85	59.0	17.3	4.24	.61	.74	.87	56.5	16.6	4.76	.62	.75	.89	54.0	15.8	5.37	.63	.77	.91
	1900	895	62.5	18.3	3.82	.62	.75	.88	60.5	17.7	4.26	.62	.76	.90	58.0	17.0	4.78	.63	.78	.93	55.0	16.1	5.38	.65	.80	.95
	1945	920	63.0	18.5	3.82	.62	.76	.89	60.5	17.7	4.27	.63	.77	.91	58.0	17.0	4.78	.64	.79	.93	55.0	16.1	5.39	.65	.81	.96
71°F (22°C)	1695	800	64.5	18.9	3.85	.46	.59	.70	62.0	18.2	4.29	.47	.59	.71	59.5	17.4	4.81	.47	.60	.73	57.0	16.7	5.42	.47	.61	.75
	1900	895	66.0	19.3	3.87	.47	.60	.73	63.5	18.6	4.31	.48	.61	.74	61.0	17.9	4.83	.48	.62	.76	58.0	17.0	5.44	.48	.63	.78
	1945	920	66.0	19.3	3.88	.47	.61	.73	64.0	18.8	4.32	.48	.61	.75	61.5	18.0	4.84	.48	.63	.76	58.5	17.1	5.44	.49	.64	.78

COOLING CAPACITY - 13ACD-060 with RFC [CH33-60D-2F + G60UHV-60D-135]

63°F (17°C)	1695	800	58.0	17.0	3.76	.75	.89	1.00	55.5	16.3	4.20	.77	.90	1.00	53.0	15.5	4.71	.78	.92	1.00	50.5	14.8	5.32	.80	.95	1.00
	1900	895	59.0	17.3	3.78	.78	.92	1.00	56.5	16.6	4.22	.79	.94	1.00	54.0	15.8	4.74	.81	.96	1.00	51.5	15.1	5.33	.83	.99	1.00
	1945	920	59.5	17.4	3.78	.78	.93	1.00	57.0	16.7	4.22	.80	.95	1.00	54.5	16.0	4.74	.81	.97	1.00	51.5	15.1	5.34	.83	1.00	1.00
67°F (19°C)	1695	800	61.0	17.9	3.81	.60	.73	.85	59.0	17.3	4.25	.61	.74	.87	56.5	16.6	4.77	.62	.76	.89	53.5	15.7	5.38	.63	.77	.92
	1900	895	62.5	18.3	3.83	.62	.75	.89	60.0	17.6	4.27	.63	.77	.91	57.5	16.9	4.79	.64	.78	.93	54.5	16.0	5.40	.65	.80	.96
	1945	920	63.0	18.5	3.83	.62	.76	.90	60.5	17.7	4.28	.63	.77	.92	58.0	17.0	4.80	.64	.79	.94	55.0	16.1	5.40	.65	.81	.97
71°F (22°C)	1695	800	64.5	18.9	3.86	.46	.59	.70	62.0	18.2	4.30	.47	.59	.72	59.5	17.4	4.82	.47	.60	.73	56.5	16.6	5.43	.47	.61	.75
	1900	895	66.0	19.3	3.88	.47	.60	.73	63.5	18.6	4.32	.48	.61	.75	60.5	17.7	4.84	.48	.62	.76	58.0	17.0	5.45	.48	.63	.78
	1945	920	66.0	19.3	3.88	.47	.61	.74	63.5	18.6	4.33	.48	.62	.75	61.0	17.9	4.85	.48	.63	.77	58.0	17.0	5.45	.49	.64	.79

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

HORIZONTAL INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - 13ACD-060 with TXV

[CH33-60D-2F + G61MPV-60D-135]
[CH33-60D-2F + G71MPP-60D-135]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil: 85°F (29°C) 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	95°F (35°C) 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	105°F (41°C) 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	115°F (46°C) 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
	cfm	L/s	kBtuh	kW					kBtuh	kW					kBtuh	kW					kBtuh	kW				
63°F (17°C)	1565	740	57.0	16.7	3.73	.74	.86	.98	55.0	16.1	4.17	.75	.88	1.00	52.5	15.4	4.69	.76	.90	1.00	50.0	14.7	5.29	.78	.92	1.00
	1780	840	58.5	17.1	3.76	.76	.90	1.00	56.5	16.6	4.20	.77	.92	1.00	54.0	15.8	4.71	.79	.94	1.00	51.0	14.9	5.31	.81	.96	1.00
	1820	860	59.0	17.3	3.76	.77	.91	1.00	56.5	16.6	4.20	.78	.93	1.00	54.0	15.8	4.72	.80	.95	1.00	51.5	15.1	5.32	.82	.97	1.00
67°F (19°C)	1565	740	60.5	17.7	3.79	.60	.72	.83	58.0	17.0	4.23	.60	.73	.85	56.0	16.4	4.75	.61	.74	.87	53.0	15.5	5.35	.62	.75	.89
	1780	840	62.0	18.2	3.81	.61	.74	.87	59.5	17.4	4.25	.62	.75	.88	57.0	16.7	4.77	.63	.77	.90	54.5	16.0	5.37	.64	.78	.93
	1820	860	62.5	18.3	3.82	.61	.75	.88	60.0	17.6	4.25	.62	.76	.89	57.5	16.9	4.78	.63	.77	.92	54.5	16.0	5.38	.64	.79	.94
71°F (22°C)	1565	740	63.5	18.6	3.84	.46	.58	.69	61.5	18.0	4.28	.47	.59	.70	59.0	17.3	4.80	.47	.59	.71	56.0	16.4	5.41	.47	.60	.73
	1780	840	65.0	19.0	3.86	.47	.59	.71	63.0	18.5	4.30	.47	.60	.73	60.5	17.7	4.82	.48	.61	.74	57.5	16.9	5.43	.48	.62	.76
	1820	860	66.0	19.3	3.86	.48	.60	.72	63.0	18.5	4.31	.48	.61	.74	60.5	17.7	4.83	.48	.62	.75	58.0	17.0	5.44	.49	.63	.77

COOLING CAPACITY - 13ACD-060 with RFC

[CH33-60D-2F + G61MPV-60D-135]
[CH33-60D-2F + G71MPP-60D-135]

63°F (17°C)	1565	740	57.0	16.7	3.74	.74	.87	.99	54.5	16.0	4.19	.75	.88	1.00	52.5	15.4	4.70	.77	.90	1.00	49.5	14.5	5.30	.78	.93	1.00
	1780	840	58.5	17.1	3.76	.76	.90	1.00	56.0	16.4	4.21	.78	.92	1.00	53.5	15.7	4.72	.79	.94	1.00	51.0	14.9	5.32	.81	.97	1.00
	1820	860	58.5	17.1	3.77	.77	.91	1.00	56.5	16.6	4.21	.79	.93	1.00	54.0	15.8	4.73	.80	.95	1.00	51.0	14.9	5.33	.82	.98	1.00
67°F (19°C)	1565	740	60.5	17.7	3.79	.60	.72	.83	58.0	17.0	4.24	.60	.73	.85	55.5	16.3	4.76	.61	.74	.87	53.0	15.5	5.36	.62	.76	.89
	1780	840	62.0	18.2	3.82	.61	.74	.87	59.5	17.4	4.26	.62	.75	.89	57.0	16.7	4.78	.63	.77	.91	54.0	15.8	5.39	.64	.79	.93
	1820	860	62.0	18.2	3.83	.62	.75	.88	59.5	17.4	4.26	.62	.76	.90	57.0	16.7	4.79	.63	.78	.92	54.5	16.0	5.39	.65	.80	.95
71°F (22°C)	1565	740	63.5	18.6	3.85	.46	.58	.69	61.0	17.9	4.29	.47	.59	.70	58.5	17.1	4.81	.47	.60	.72	56.0	16.4	5.42	.47	.61	.73
	1780	840	65.0	19.0	3.87	.47	.59	.72	62.5	18.3	4.31	.47	.60	.73	60.0	17.6	4.83	.48	.61	.75	57.0	16.7	5.44	.48	.62	.76
	1820	860	65.0	19.0	3.87	.47	.60	.73	63.0	18.5	4.31	.48	.61	.74	60.5	17.7	4.84	.48	.62	.75	57.5	16.9	5.45	.49	.63	.77

COOLING CAPACITY - 13ACD-060 with TXV

[CH33-62D-2F + G60UHV-60D-135]

63°F (17°C)	1695	800	58.5	17.1	3.75	.75	.88	.99	56.0	16.4	4.20	.76	.89	1.00	54.0	15.8	4.71	.78	.91	1.00	51.0	14.9	5.31	.79	.94	1.00
	1900	895	60.0	17.6	3.78	.77	.91	1.00	57.5	16.9	4.22	.79	.93	1.00	55.0	16.1	4.73	.80	.95	1.00	52.5	15.4	5.34	.82	.98	1.00
	1945	920	60.0	17.6	3.78	.78	.92	1.00	58.0	17.0	4.22	.79	.94	1.00	55.5	16.3	4.74	.81	.96	1.00	52.5	15.4	5.34	.83	.98	1.00
67°F (19°C)	1695	800	61.5	18.0	3.80	.60	.73	.84	59.0	17.3	4.24	.61	.74	.86	56.5	16.6	4.76	.62	.75	.88	54.0	15.8	5.36	.63	.77	.90
	1900	895	63.0	18.5	3.83	.62	.75	.88	60.5	17.7	4.27	.62	.76	.90	58.0	17.0	4.78	.63	.78	.92	55.5	16.3	5.39	.65	.80	.94
	1945	920	63.5	18.6	3.83	.62	.75	.88	61.0	17.9	4.27	.63	.77	.90	58.5	17.1	4.79	.64	.78	.93	55.5	16.3	5.40	.65	.81	.95
71°F (22°C)	1695	800	64.5	18.9	3.85	.47	.59	.70	62.5	18.3	4.29	.47	.59	.71	60.0	17.6	4.81	.47	.60	.73	57.0	16.7	5.42	.48	.61	.75
	1900	895	66.0	19.3	3.87	.47	.60	.73	64.0	18.8	4.31	.48	.61	.74	61.0	17.9	4.83	.48	.62	.76	58.5	17.1	5.44	.49	.63	.77
	1945	920	67.0	19.6	3.88	.47	.61	.73	64.0	18.8	4.32	.48	.62	.75	61.5	18.0	4.84	.48	.63	.76	58.5	17.1	5.44	.49	.64	.78

COOLING CAPACITY - 13ACD-060 with RFC

[CH33-62D-2F + G60UHV-60D-135]

63°F (17°C)	1695	800	58.5	17.1	3.76	.75	.88	1.00	56.0	16.4	4.20	.76	.90	1.00	53.5	15.7	4.72	.78	.92	1.00	51.0	14.9	5.32	.79	.94	1.00
	1900	895	59.5	17.4	3.78	.77	.91	1.00	57.5	16.9	4.23	.79	.93	1.00	55.0	16.1	4.74	.81	.96	1.00	52.0	15.2	5.35	.82	.98	1.00
	1945	920	60.0	17.6	3.79	.78	.92	1.00	57.5	16.9	4.23	.79	.94	1.00	55.0	16.1	4.75	.81	.96	1.00	52.5	15.4	5.35	.83	.99	1.00
67°F (19°C)	1695	800	61.5	18.0	3.81	.60	.73	.85	59.0	17.3	4.26	.61	.74	.86	56.5	16.6	4.77	.62	.75	.89	54.0	15.8	5.38	.63	.77	.91
	1900	895	63.0	18.5	3.83	.62	.75	.88	60.5	17.7	4.28	.63	.77	.90	58.0	17.0	4.80	.64	.78	.92	55.0	16.1	5.40	.65	.80	.95
	1945	920	63.0	18.5	3.84	.62	.76	.89	60.5	17.7	4.28	.63	.77	.91	58.0	17.0	4.80	.64	.79	.93	55.5	16.3	5.41	.65	.81	.96
71°F (22°C)	1695	800	64.5	18.9	3.86	.47	.59	.71	62.0	18.2	4.30	.47	.59	.72	59.5	17.4	4.82	.47	.60	.73	57.0	16.7	5.43	.48	.61	.75
	1900	895	66.0	19.3	3.88	.47	.60	.73	63.5	18.6	4.33	.48	.61	.74	61.0	17.9	4.84	.48	.62	.76	58.0	17.0	5.45	.49	.64	.78
	1945	920	66.0	19.3	3.89	.48	.61	.74	64.0	18.8	4.33	.48	.62	.75	61.0	17.9	4.85	.48	.63	.77	58.5	17.1	5.46	.49	.64	.79

COOLING CAPACITY - 13ACD-060 with TXV

[CH33-62D-2F + G61MPV-60D-135]
[CH33-62D-2F + G71MPP-60D-135]

63°F (17°C)	1565	740	57.5	16.9	3.74	.74	.86	.98	55.5	16.3	4.18	.75	.88	.99	53.0	15.5	4.70	.76	.89	1.00	50.5	14.8	5.30	.78	.92	1.00
	1780	840	59.0	17.3	3.76	.76	.89	1.00	57.0	16.7	4.21	.77	.91	1.00	54.5	16.0	4.72	.79	.93	1.00	51.5	15.1	5.32	.81	.96	1.00
	1820	860	59.5	17.4	3.77	.77	.90	1.00	57.0	16.7	4.21	.78	.92	1.00	54.5	16.0	4.72	.80	.94	1.00	52.0	15.2	5.33	.81	.97	1.00
67°F (19°C)	1565	740	60.5	17.7	3.78	.60	.71	.83	58.0	17.0	4.23	.60	.73	.84	56.0	16.4	4.75	.61	.74	.86	53.5	15.7	5.35	.62	.75	.88
	1780	840	62.5	18.3	3.81	.61	.74	.86	60.0	17.6	4.25	.62	.75	.88	57.5	16.9	4.77	.63	.77	.90	54.5	16.0	5.37	.64	.78	.92
	1820	860	62.5	18.3	3.82	.62	.74	.87	60.0	17.6	4.26	.62	.76	.89	57.5	16.9	4.78	.63	.77	.91	55.0	16.1	5.38	.64	.79	.93
71°F (22°C)	1565	740	63.5	18.6	3.83	.47	.58	.69	61.5	18.0	4.28	.47	.59	.70	59.0	17.3	4.80	.47	.60	.72	56.5	16.6	5.41	.47	.60	.73
	1780	840	65.0	19.0	3.86	.47	.59	.71	63.0	18.5	4.30	.47	.60	.73	60.5	17.7	4.82	.48	.61	.74	57.5	16.9	5.43	.48	.62	.76
	1820	860	66.0	19.3	3.87	.48	.60	.72	63.5	18.6	4.31	.48	.61	.73	60.5	17.7	4.83	.48	.62	.75	58.0	17.0	5.43	.49	.63	.77

COOLING CAPACITY - 13ACD-060 with RFC

[CH33-62D-2F + G61MPV-60D-135]
[CH33-62D-2F + G71MPP-60D-135]

63°F (17°C)	1565	740	57.0	16.7	3.75	.74	.86	.98	55.0	16.1	4.19	.75	.88	1.00	52.5	15.4	4.71	.77	.90	1.00	50.0	14.7	5.31	.78	.92	1.00
	1780	840	59.0	17.3	3.77	.76	.90	1.00	56.5	16.6	4.22	.78	.91	1.00	54.0	15.8	4.73	.79	.93	1.00	51.5	15.1	5.34	.81	.96	1.00
	1820	860	59.5	17.4	3.78	.77	.90	1.00	57.0	16.7	4.22	.78	.92	1.00	54.5	16.0	4.74	.80	.94	1.00	52.0	15.2	5.34	.82	.97	1.00
67°F (19°C)	1565	740	60.0	17.6	3.79	.60	.72	.83	58.0	17.0	4.24	.60	.73	.85	55.5	16.3	4.76	.61	.74	.87	53.0	15.5	5.36	.62	.76	.89
	1780	840	62.0	18.2	3.82	.61	.74	.86	59.5	17.4	4.26	.62	.75	.88	57.0	16.7	4.79	.63	.77	.90	54.5	16.0	5.39	.64	.79	.93
	1820	860	62.5	18.3	3.83	.62	.75	.87	60.0	17.6	4.27	.63	.76	.89	57.5	16.9	4.79	.63	.78	.91	55.0	16.1	5.40	.65	.80	.94
71°F (22°C)	1565	740	63.5	18.6	3.85	.47	.58	.69	61.0	17.9	4.29	.47	.59	.71	58.5	17.1	4.81	.47	.60	.72	56.0	16.4	5.42	.48	.61	.73
	1780	840	65.0	19.0	3.87	.47	.60	.72	63.0	18.5	4.31	.47	.60	.73	60.5	17.7	4.84	.48	.61	.75	57.5	16.9	5.44	.48	.63	.76
	1820	860	66.0	19.3	3.88	.47	.60	.73	63.0	18.5	4.32	.48	.61	.74	60.5	17.7	4.84	.48	.62	.75	58.0	17.0	5.45	.49	.63	.77

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		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - 13ACD-060 with TXV																										**[CB26UH-060-R]**
63°F (17°C)	1370	645	56.5	16.6	3.72	.72	.84	.96	54.5	16.0	4.17	.73	.86	.98	52.0	15.2	4.68	.74	.87	1.00	49.5	14.5	5.27	.76	.90	1.00
	1570	740	58.0	17.0	3.75	.75	.88	1.00	56.0	16.4	4.19	.76	.89	1.00	53.5	15.7	4.71	.77	.91	1.00	51.0	14.9	5.30	.79	.94	1.00
	1770	835	59.5	17.4	3.77	.77	.91	1.00	57.5	16.9	4.22	.78	.93	1.00	54.5	16.0	4.73	.80	.96	1.00	52.0	15.2	5.33	.82	.98	1.00
67°F (19°C)	1370	645	60.0	17.6	3.77	.58	.69	.81	57.5	16.9	4.22	.59	.70	.82	55.0	16.1	4.73	.59	.72	.84	52.5	15.4	5.34	.60	.73	.86
	1570	740	61.5	18.0	3.80	.60	.72	.84	59.5	17.4	4.25	.60	.73	.86	56.5	16.6	4.76	.61	.75	.88	54.0	15.8	5.37	.62	.76	.90
	1770	835	63.0	18.5	3.83	.61	.75	.88	60.5	17.7	4.27	.62	.76	.90	58.0	17.0	4.78	.63	.77	.92	55.5	16.3	5.39	.64	.79	.95
71°F (22°C)	1370	645	63.0	18.5	3.82	.45	.56	.67	60.5	17.7	4.27	.46	.57	.68	58.0	17.0	4.79	.46	.58	.69	55.5	16.3	5.39	.46	.59	.71
	1570	740	65.0	19.0	3.85	.46	.58	.70	62.5	18.3	4.29	.47	.59	.71	60.0	17.6	4.81	.47	.60	.72	57.0	16.7	5.42	.47	.61	.74
	1770	835	66.0	19.3	3.88	.47	.60	.72	64.0	18.8	4.32	.47	.61	.73	61.5	18.0	4.84	.48	.62	.75	58.5	17.1	5.44	.48	.63	.77
COOLING CAPACITY - 13ACD-060 with TXV																										**[CB30M-51]**
63°F (17°C)	1380	650	55.0	16.1	3.70	.73	.86	.98	52.5	15.4	4.14	.74	.87	.99	50.5	14.8	4.65	.76	.89	1.00	48.0	14.1	5.25	.77	.92	1.00
	1580	745	56.5	16.6	3.72	.76	.90	1.00	54.5	16.0	4.16	.77	.92	1.00	52.0	15.2	4.68	.79	.94	1.00	49.5	14.5	5.28	.81	.96	1.00
	1755	830	57.5	16.9	3.74	.78	.93	1.00	55.5	16.3	4.18	.80	.95	1.00	53.0	15.5	4.69	.82	.97	1.00	50.5	14.8	5.30	.83	.99	1.00
67°F (19°C)	1380	650	58.0	17.0	3.75	.59	.71	.82	56.0	16.4	4.19	.59	.72	.84	53.5	15.7	4.71	.60	.73	.86	51.0	14.9	5.31	.61	.75	.88
	1580	745	60.0	17.6	3.78	.61	.74	.86	57.5	16.9	4.22	.61	.75	.88	55.0	16.1	4.73	.62	.76	.90	52.5	15.4	5.34	.63	.78	.93
	1755	830	61.0	17.9	3.79	.62	.76	.90	59.0	17.3	4.24	.63	.77	.92	56.0	16.4	4.75	.64	.79	.94	53.5	15.7	5.36	.65	.81	.96
71°F (22°C)	1380	650	61.0	17.9	3.79	.46	.57	.68	58.5	17.1	4.24	.46	.58	.69	56.5	16.6	4.76	.46	.59	.71	53.5	15.7	5.37	.46	.59	.72
	1580	745	63.0	18.5	3.82	.46	.59	.71	60.5	17.7	4.27	.47	.60	.72	58.0	17.0	4.78	.47	.61	.74	55.5	16.3	5.39	.47	.62	.76
	1755	830	64.5	18.9	3.84	.47	.61	.74	61.5	18.0	4.28	.47	.62	.75	59.5	17.4	4.80	.48	.63	.77	56.5	16.6	5.41	.48	.64	.79
COOLING CAPACITY - 13ACD-060 with TXV																										**[CB30M-65]**
63°F (17°C)	1540	725	57.0	16.7	3.74	.75	.88	.99	55.0	16.1	4.18	.76	.89	1.00	52.5	15.4	4.69	.77	.91	1.00	50.0	14.7	5.29	.79	.94	1.00
	1755	830	59.0	17.3	3.76	.78	.92	1.00	56.5	16.6	4.21	.79	.94	1.00	54.5	16.0	4.72	.81	.96	1.00	51.5	15.1	5.32	.83	.98	1.00
	1960	925	60.5	17.7	3.78	.80	.95	1.00	58.0	17.0	4.22	.82	.97	1.00	55.5	16.3	4.74	.83	.98	1.00	53.0	15.5	5.35	.86	1.00	1.00
67°F (19°C)	1540	725	60.5	17.7	3.78	.60	.72	.84	58.0	17.0	4.23	.61	.74	.86	55.5	16.3	4.74	.62	.75	.88	53.0	15.5	5.35	.62	.76	.90
	1755	830	62.0	18.2	3.81	.62	.75	.88	59.5	17.4	4.25	.63	.77	.90	57.0	16.7	4.77	.64	.78	.92	54.5	16.0	5.37	.65	.80	.95
	1960	925	63.5	18.6	3.83	.63	.78	.92	61.0	17.9	4.27	.64	.79	.94	58.5	17.1	4.79	.65	.81	.96	55.5	16.3	5.40	.67	.83	.98
71°F (22°C)	1540	725	63.5	18.6	3.83	.47	.59	.70	61.0	17.9	4.28	.47	.59	.71	58.5	17.1	4.80	.47	.60	.73	56.0	16.4	5.41	.48	.61	.74
	1755	830	65.0	19.0	3.86	.48	.61	.73	63.0	18.5	4.30	.48	.61	.74	60.5	17.7	4.82	.48	.62	.76	57.5	16.9	5.43	.49	.64	.78
	1960	925	67.0	19.6	3.88	.48	.62	.76	64.0	18.8	4.32	.49	.63	.77	61.5	18.0	4.84	.49	.64	.79	58.5	17.1	5.44	.50	.66	.81
COOLING CAPACITY - 13ACD-060 with TXV																										**[CBX32MV-048]** **[CBX40UHV-048]**
63°F (17°C)	1625	765	57.0	16.7	3.73	.76	.90	1.00	54.5	16.0	4.17	.78	.92	1.00	52.0	15.2	4.68	.79	.94	1.00	49.5	14.5	5.28	.81	.97	1.00
	1805	850	58.0	17.0	3.75	.79	.94	1.00	55.5	16.3	4.19	.81	.96	1.00	53.0	15.5	4.70	.82	.98	1.00	50.5	14.8	5.30	.84	.99	1.00
	2005	945	59.5	17.4	3.77	.82	.97	1.00	57.0	16.7	4.21	.84	.99	1.00	54.5	16.0	4.72	.86	1.00	1.00	52.0	15.2	5.33	.88	1.00	1.00
67°F (19°C)	1625	765	60.0	17.6	3.78	.61	.74	.87	58.0	17.0	4.22	.62	.75	.89	55.0	16.1	4.74	.62	.77	.91	52.5	15.4	5.34	.63	.79	.94
	1805	850	61.5	18.0	3.80	.63	.77	.91	59.0	17.3	4.24	.63	.78	.93	56.5	16.6	4.76	.64	.80	.95	53.5	15.7	5.36	.66	.82	.97
	2005	945	62.5	18.3	3.82	.65	.80	.95	60.0	17.6	4.26	.66	.81	.96	57.5	16.9	4.77	.67	.83	.98	54.5	16.0	5.38	.68	.86	.99
71°F (22°C)	1625	765	63.5	18.6	3.83	.46	.59	.72	61.0	17.9	4.27	.47	.60	.73	58.5	17.1	4.79	.47	.61	.74	55.5	16.3	5.39	.47	.62	.76
	1805	850	64.5	18.9	3.85	.47	.61	.74	62.0	18.2	4.29	.48	.62	.76	59.5	17.4	4.81	.48	.63	.78	56.5	16.6	5.41	.49	.64	.80
	2005	945	66.0	19.3	3.87	.49	.63	.77	63.5	18.6	4.31	.49	.64	.79	60.5	17.7	4.83	.49	.66	.81	57.5	16.9	5.43	.50	.67	.83

REVISIONS

Description of Change
Added ratings for CBX40UHV Air Handler.

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