



Expanded Rating Tables

ENGINEERING DATA

Bulletin No. 210472R
July 2006

RATINGS

3 TON

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

UP-FLOW INDOOR COILS

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C

COOLING CAPACITY - HS29-036 with [C33-36A/B/C] RFC and TXV System

63°F (17°C)	950	450	34.1	10.0	2.70	.71	.85	.96	32.4	9.5	2.89	.73	.87	.98	30.7	9.0	3.06	.74	.89	.99	28.9	8.5	3.22	.77	.91	1.00
	1100	520	35.0	10.3	2.72	.74	.88	.99	33.3	9.8	2.92	.76	.91	1.00	31.5	9.2	3.10	.78	.93	1.00	29.6	8.7	3.26	.80	.95	1.00
	1250	590	35.7	10.5	2.75	.77	.92	1.00	34.0	10.0	2.95	.79	.94	1.00	32.2	9.4	3.13	.81	.96	1.00	30.3	8.9	3.30	.84	.98	1.00
67°F (19°C)	950	450	36.4	10.7	2.77	.56	.69	.81	34.6	10.1	2.98	.57	.70	.83	32.8	9.6	3.16	.58	.72	.85	30.8	9.0	3.33	.59	.74	.88
	1100	520	37.2	10.9	2.80	.58	.72	.85	35.4	10.4	3.00	.59	.73	.87	33.4	9.8	3.19	.60	.75	.90	31.4	9.2	3.36	.61	.78	.92
	1250	590	37.9	11.1	2.82	.59	.75	.89	36.0	10.6	3.03	.60	.77	.91	33.9	9.9	3.22	.62	.79	.94	31.9	9.3	3.39	.63	.81	.96
71°F (22°C)	950	450	39.0	11.4	2.86	.42	.54	.66	37.1	10.9	3.07	.43	.55	.67	35.1	10.3	3.27	.43	.56	.69	33.0	9.7	3.45	.43	.57	.71
	1100	520	39.8	11.7	2.88	.43	.56	.69	37.8	11.1	3.10	.43	.57	.71	35.8	10.5	3.30	.44	.58	.73	33.6	9.8	3.48	.44	.60	.75
	1250	590	40.4	11.8	2.90	.43	.58	.72	38.4	11.3	3.12	.44	.59	.74	36.3	10.6	3.33	.44	.60	.76	34.1	10.0	3.51	.45	.62	.79

COOLING CAPACITY - HS29-036 with [C33-38A/B] TXV System

63°F (17°C)	950	450	36.0	10.6	2.81	.71	.84	.96	34.1	10.0	3.01	.73	.86	.98	32.2	9.4	3.20	.74	.89	1.00	30.2	8.9	3.37	.77	.92	1.00
	1150	545	37.3	10.9	2.85	.75	.90	1.00	35.3	10.3	3.06	.77	.92	1.00	33.3	9.8	3.26	.79	.95	1.00	31.3	9.2	3.43	.82	.97	1.00
	1350	635	38.3	11.2	2.89	.79	.95	1.00	36.4	10.7	3.11	.81	.97	1.00	34.4	10.1	3.31	.84	.99	1.00	32.4	9.5	3.50	.87	1.00	1.00
67°F (19°C)	950	450	38.5	11.3	2.90	.56	.69	.81	36.5	10.7	3.11	.57	.70	.83	34.4	10.1	3.31	.58	.72	.85	32.3	9.5	3.49	.59	.74	.88
	1150	545	39.7	11.6	2.94	.58	.73	.86	37.6	11.0	3.16	.59	.74	.89	35.4	10.4	3.36	.61	.77	.91	33.1	9.7	3.54	.62	.79	.94
	1350	635	40.6	11.9	2.97	.61	.77	.91	38.4	11.3	3.19	.62	.79	.94	36.1	10.6	3.40	.63	.81	.97	33.8	9.9	3.58	.65	.84	.99
71°F (22°C)	950	450	41.3	12.1	2.99	.42	.54	.66	39.2	11.5	3.22	.43	.55	.67	37.0	10.8	3.43	.43	.56	.69	34.6	10.1	3.62	.43	.57	.71
	1150	545	42.5	12.5	3.03	.43	.57	.70	40.2	11.8	3.26	.43	.58	.72	37.9	11.1	3.48	.44	.59	.74	35.5	10.4	3.67	.44	.61	.77
	1350	635	43.3	12.7	3.06	.44	.59	.74	41.0	12.0	3.30	.44	.61	.77	38.6	11.3	3.51	.45	.62	.79	36.1	10.6	3.70	.46	.64	.82

COOLING CAPACITY - HS29-036 with [C33-42B] RFC and TXV System

63°F (17°C)	1000	470	35.3	10.3	2.76	.72	.86	.97	33.5	9.8	2.96	.74	.88	.99	31.6	9.3	3.15	.76	.91	1.00	29.7	8.7	3.31	.78	.93	1.00
	1200	565	36.4	10.7	2.80	.76	.91	1.00	34.6	10.1	3.01	.78	.93	1.00	32.7	9.6	3.20	.80	.96	1.00	30.8	9.0	3.37	.83	.98	1.00
	1400	660	37.4	11.0	2.83	.80	.95	1.00	35.5	10.4	3.04	.82	.97	1.00	33.6	9.8	3.24	.85	.99	1.00	31.8	9.3	3.43	.88	1.00	1.00
67°F (19°C)	1000	470	37.7	11.0	2.84	.57	.70	.83	35.7	10.5	3.06	.58	.71	.85	33.7	9.9	3.25	.59	.73	.87	31.6	9.3	3.42	.60	.75	.90
	1200	565	38.6	11.3	2.88	.59	.74	.88	36.7	10.8	3.09	.60	.76	.90	34.6	10.1	3.29	.61	.78	.93	32.4	9.5	3.46	.63	.81	.96
	1400	660	39.4	11.5	2.90	.61	.78	.93	37.3	10.9	3.12	.63	.80	.95	35.2	10.3	3.32	.64	.83	.97	33.0	9.7	3.50	.66	.85	.99
71°F (22°C)	1000	470	40.3	11.8	2.93	.43	.55	.67	38.3	11.2	3.16	.43	.56	.69	36.2	10.6	3.36	.43	.57	.71	33.9	9.9	3.55	.44	.58	.73
	1200	565	41.3	12.1	2.97	.43	.57	.71	39.2	11.5	3.19	.44	.59	.73	37.0	10.8	3.40	.44	.60	.76	34.7	10.2	3.59	.45	.62	.78
	1400	660	42.0	12.3	2.99	.44	.60	.76	39.8	11.7	3.22	.45	.61	.78	37.6	11.0	3.43	.45	.63	.80	35.2	10.3	3.62	.46	.65	.83

COOLING CAPACITY - HS29-036 with [C33-44C] TXV System

63°F (17°C)	1000	470	36.6	10.7	2.83	.72	.86	.97	34.7	10.2	3.04	.74	.88	.99	32.7	9.6	3.23	.76	.90	1.00	30.7	9.0	3.40	.78	.93	1.00
	1200	565	37.9	11.1	2.88	.76	.91	1.00	35.9	10.5	3.09	.78	.94	1.00	33.9	9.9	3.29	.81	.96	1.00	31.8	9.3	3.46	.83	.99	1.00
	1400	660	38.9	11.4	2.91	.80	.96	1.00	36.9	10.8	3.13	.83	.98	1.00	34.9	10.2	3.34	.85	1.00	1.00	33.0	9.7	3.53	.88	1.00	1.00
67°F (19°C)	1000	470	39.1	11.5	2.92	.57	.70	.82	37.1	10.9	3.14	.57	.71	.84	35.0	10.3	3.34	.59	.73	.87	32.7	9.6	3.52	.60	.75	.90
	1200	565	40.3	11.8	2.96	.59	.74	.88	38.1	11.2	3.18	.60	.76	.90	35.9	10.5	3.39	.61	.78	.93	33.6	9.8	3.57	.63	.81	.96
	1400	660	41.1	12.0	2.99	.61	.78	.93	38.9	11.4	3.21	.63	.80	.95	36.6	10.7	3.42	.64	.83	.98	34.2	10.0	3.60	.66	.86	1.00
71°F (22°C)	1000	470	41.9	12.3	3.02	.43	.55	.67	39.7	11.6	3.25	.43	.56	.69	37.5	11.0	3.46	.43	.57	.70	35.1	10.3	3.65	.44	.58	.73
	1200	565	43.0	12.6	3.05	.43	.57	.71	40.7	11.9	3.29	.44	.59	.73	38.4	11.3	3.51	.44	.60	.76	35.9	10.5	3.70	.45	.62	.78
	1400	660	43.8	12.8	3.08	.44	.60	.76	41.5	12.2	3.32	.45	.61	.78	39.0	11.4	3.54	.45	.63	.80	36.5	10.7	3.73	.46	.65	.84

COOLING CAPACITY - HS29-036 with [C33-48B/C] TXV System

63°F (17°C)	1000	470	37.0	10.8	2.80	.72	.85	.97	35.1	10.3	3.00	.73	.87	.99	33.2	9.7	3.19	.75	.90	1.00	31.1	9.1	3.35	.77	.93	1.00
	1200	565	38.3	11.2	2.84	.76	.90	1.00	36.3	10.6	3.05	.78	.93	1.00	34.2	10.0	3.24	.80	.95	1.00	32.2	9.4	3.41	.82	.98	1.00
	1400	660	39.3	11.5	2.87	.80	.95	1.00	37.3	10.9	3.09	.82	.97	1.00	35.3	10.3	3.29	.84	.99	1.00	33.3	9.8	3.48	.87	1.00	1.00
67°F (19°C)	1000	470	39.6	11.6	2.88	.56	.69	.82	37.6	11.0	3.10	.57	.71	.84	35.5	10.4	3.30	.58	.72	.86	33.2	9.7	3.47	.59	.75	.89
	1200	565	40.8	12.0	2.92	.59	.73	.87	38.6	11.3	3.14	.60	.75	.89	36.3	10.6	3.34	.61	.77	.92	34.0	10.0	3.52	.62	.80	.95
	1400	660	41.6	12.2	2.95	.61	.77	.92	39.3	11.5	3.17	.62	.79	.94	37.0	10.8	3.37	.64	.82	.97	34.7	10.2	3.55	.65	.85	.99
71°F (22°C)	1000	470	42.5	12.5	2.98	.42	.54	.66	40.3	11.8	3.21	.43	.55	.68	38.0	11.1	3.42	.43	.56	.70	35.6	10.4	3.61	.43	.58	.72
	1200	565	43.6	12.8	3.01	.43	.57	.71	41.3	12.1	3.25	.44	.58	.72	38.9	11.4	3.46	.44	.59	.75	36.5	10.7	3.65	.45	.61	.77
	1400	660	44.4	13.0	3.04	.44	.59	.75	42.0	12.3	3.28	.45	.61	.77	39.6	11.6	3.49	.45	.62	.79	37.0	10.8	3.68	.46	.64	.82

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NOTE - Due to Lennox' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability.

Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury.

Installation and service must be performed by a qualified installer and servicing agency.

RATINGS

3 TON

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

DOWN-FLOW INDOOR COILS

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	900	425	35.4	10.4	2.80	.70	.83	.94	33.6	9.8	3.00	.72	.85	.97	31.7	9.3	3.18	.73	.87	.99	29.7	8.7	3.35	.75	.90	1.00
	1100	520	36.8	10.8	2.84	.74	.88	.99	34.8	10.2	3.05	.76	.91	1.00	32.9	9.6	3.25	.78	.93	1.00	30.8	9.0	3.42	.81	.96	1.00
	1300	615	37.8	11.1	2.88	.78	.93	1.00	35.9	10.5	3.10	.80	.96	1.00	33.9	9.9	3.30	.83	.98	1.00	31.9	9.3	3.48	.85	1.00	1.00
67°F (19°C)	900	425	37.9	11.1	2.88	.56	.68	.79	36.0	10.6	3.10	.56	.69	.81	33.9	9.9	3.30	.57	.70	.84	31.8	9.3	3.47	.58	.73	.86
	1100	520	39.2	11.5	2.93	.58	.72	.85	37.1	10.9	3.15	.59	.73	.87	35.0	10.3	3.35	.60	.75	.90	32.7	9.6	3.53	.61	.78	.93
	1300	615	40.1	11.8	2.96	.60	.76	.90	38.0	11.1	3.18	.61	.78	.93	35.7	10.5	3.39	.63	.80	.95	33.4	9.8	3.57	.64	.83	.98
71°F (22°C)	900	425	40.6	11.9	2.98	.42	.54	.65	38.6	11.3	3.21	.42	.54	.66	36.4	10.7	3.42	.43	.55	.68	34.2	10.0	3.61	.43	.56	.70
	1100	520	41.9	12.3	3.02	.43	.56	.69	39.7	11.6	3.26	.43	.57	.71	37.5	11.0	3.47	.44	.58	.73	35.1	10.3	3.66	.44	.60	.75
	1300	615	42.9	12.6	3.05	.44	.59	.73	40.6	11.9	3.29	.44	.60	.75	38.2	11.2	3.51	.45	.61	.78	35.7	10.5	3.70	.45	.63	.81

COOLING CAPACITY - HS29-036 with [CR33-36A/B/C-F] RFC and TXV System

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.7	10.5	2.81	.73	.86	.98	33.9	9.9	3.01	.74	.88	.99	32.0	9.4	3.20	.76	.91	1.00	30.0	8.8	3.37	.78	.94	1.00
	1200	565	36.9	10.8	2.85	.77	.92	1.00	35.0	10.3	3.06	.79	.94	1.00	33.1	9.7	3.26	.81	.96	1.00	31.1	9.1	3.43	.84	.99	1.00
	1400	660	37.9	11.1	2.89	.81	.96	1.00	36.0	10.6	3.11	.83	.98	1.00	34.1	10.0	3.31	.86	1.00	1.00	32.2	9.4	3.50	.89	1.00	1.00
67°F (19°C)	1000	470	38.1	11.2	2.89	.57	.70	.83	36.1	10.6	3.11	.58	.72	.85	34.0	10.0	3.31	.59	.74	.88	31.9	9.3	3.48	.60	.76	.90
	1200	565	39.1	11.5	2.93	.59	.74	.89	37.1	10.9	3.15	.60	.76	.91	34.9	10.2	3.35	.62	.79	.94	32.7	9.6	3.53	.63	.81	.96
	1400	660	40.0	11.7	2.96	.62	.79	.94	37.8	11.1	3.18	.63	.81	.96	35.6	10.4	3.38	.65	.83	.98	33.3	9.8	3.57	.67	.86	1.00
71°F (22°C)	1000	470	40.8	12.0	2.98	.43	.55	.67	38.7	11.3	3.21	.43	.56	.69	36.5	10.7	3.43	.43	.57	.71	34.2	10.0	3.61	.44	.59	.73
	1200	565	41.8	12.3	3.02	.43	.58	.72	39.6	11.6	3.25	.44	.59	.74	37.3	10.9	3.47	.44	.60	.76	34.9	10.2	3.66	.45	.62	.79
	1400	660	42.6	12.5	3.05	.44	.60	.76	40.3	11.8	3.28	.45	.62	.79	37.9	11.1	3.50	.46	.64	.81	35.5	10.4	3.69	.46	.66	.84

HORIZONTAL INDOOR COILS

COOLING CAPACITY - HS29-036 with [CH33-36A/B/C-2F] [CH23-41] RFC and TXV System

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.7	10.5	2.81	.73	.86	.98	33.9	9.9	3.01	.74	.88	.99	32.0	9.4	3.20	.76	.91	1.00	30.0	8.8	3.37	.78	.94	1.00
	1200	565	36.9	10.8	2.85	.77	.92	1.00	35.0	10.3	3.06	.79	.94	1.00	33.1	9.7	3.26	.81	.96	1.00	31.1	9.1	3.43	.84	.99	1.00
	1400	660	37.9	11.1	2.89	.81	.96	1.00	36.0	10.6	3.11	.83	.98	1.00	34.1	10.0	3.31	.86	1.00	1.00	32.2	9.4	3.50	.89	1.00	1.00
67°F (19°C)	1000	470	38.1	11.2	2.89	.57	.70	.83	36.1	10.6	3.11	.58	.72	.85	34.0	10.0	3.31	.59	.74	.88	31.9	9.3	3.48	.60	.76	.90
	1200	565	39.1	11.5	2.93	.59	.74	.89	37.1	10.9	3.15	.60	.76	.91	34.9	10.2	3.35	.62	.79	.94	32.7	9.6	3.53	.63	.81	.96
	1400	660	40.0	11.7	2.96	.62	.79	.94	37.8	11.1	3.18	.63	.81	.96	35.6	10.4	3.38	.65	.83	.98	33.3	9.8	3.57	.67	.86	1.00
71°F (22°C)	1000	470	40.8	12.0	2.98	.43	.55	.67	38.7	11.3	3.21	.43	.56	.69	36.5	10.7	3.43	.43	.57	.71	34.2	10.0	3.61	.44	.59	.73
	1200	565	41.8	12.3	3.02	.43	.58	.72	39.6	11.6	3.25	.44	.59	.74	37.3	10.9	3.47	.44	.60	.76	34.9	10.2	3.66	.45	.62	.79
	1400	660	42.6	12.5	3.05	.44	.60	.76	40.3	11.8	3.28	.45	.62	.79	37.9	11.1	3.50	.46	.64	.81	35.5	10.4	3.69	.46	.66	.84

AIR HANDLERS

COOLING CAPACITY - HS29-036 with [CB29M-31] TXV System

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	950	450	33.8	9.9	2.67	.72	.85	.96	32.1	9.4	2.85	.73	.87	.98	30.4	8.9	3.03	.75	.90	1.00	28.7	8.4	3.18	.77	.92	1.00
	1050	495	34.4	10.1	2.69	.74	.88	.99	32.7	9.6	2.88	.76	.90	1.00	31.0	9.1	3.05	.77	.92	1.00	29.2	8.6	3.21	.80	.95	1.00
	1150	545	34.9	10.2	2.70	.76	.91	1.00	33.2	9.7	2.90	.78	.93	1.00	31.4	9.2	3.08	.80	.95	1.00	29.6	8.7	3.24	.82	.97	1.00
67°F (19°C)	950	450	36.0	10.6	2.74	.56	.69	.82	34.3	10.1	2.94	.57	.71	.84	32.4	9.5	3.12	.58	.73	.86	30.5	8.9	3.29	.59	.75	.89
	1050	495	36.6	10.7	2.76	.58	.71	.85	34.8	10.2	2.96	.58	.73	.87	32.9	9.6	3.15	.60	.75	.89	30.9	9.1	3.31	.61	.77	.92
	1150	545	37.0	10.8	2.77	.59	.73	.87	35.2	10.3	2.98	.60	.75	.90	33.3	9.8	3.16	.61	.77	.92	31.2	9.1	3.33	.62	.80	.95
71°F (22°C)	950	450	38.5	11.3	2.82	.42	.55	.67	36.7	10.8	3.04	.43	.55	.68	34.7	10.2	3.23	.43	.57	.70	32.7	9.6	3.41	.43	.58	.72
	1050	495	39.0	11.4	2.84	.43	.56	.69	37.1	10.9	3.05	.43	.57	.70	35.2	10.3	3.25	.44	.58	.72	33.1	9.7	3.43	.44	.59	.75
	1150	545	39.5	11.6	2.85	.43	.57	.71	37.6	11.0	3.07	.44	.58	.73	35.5	10.4	3.27	.44	.60	.75	33.4	9.8	3.45	.45	.61	.77

COOLING CAPACITY - HS29-036 with [CB29M-41] TXV System

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	34.3	10.1	2.68	.73	.86	.97	32.6	9.6	2.88	.74	.88	.99	30.8	9.0	3.06	.76	.91	1.00	29.0	8.5	3.21	.78	.93	1.00
	1200	565	35.4	10.4	2.72	.77	.91	1.00	33.6	9.8	2.92	.78	.93	1.00	31.8	9.3	3.10	.81	.96	1.00	30.0	8.8	3.27	.83	.98	1.00
	1400	660	36.3	10.6	2.75	.80	.96	1.00	34.5	10.1	2.96	.83	.97	1.00	32.7	9.6	3.15	.85	.99	1.00	30.9	9.1	3.33	.88	1.00	1.00
67°F (19°C)	1000	470	36.6	10.7	2.76	.57	.70																			

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

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

COOLING CAPACITY - HS29-036 with [CB30M-31] [CB30U-31] TXV System

Table showing cooling capacity for HS29-036 with [CB30M-31] [CB30U-31] TXV System. Rows include temperatures 63°F, 67°F, and 71°F with three capacity options (1050, 1150, 1250) and columns for various performance metrics.

COOLING CAPACITY - HS29-036 with [CB30M-41] [CB30U-41/46] TXV System

Table showing cooling capacity for HS29-036 with [CB30M-41] [CB30U-41/46] TXV System. Rows include temperatures 63°F, 67°F, and 71°F with three capacity options (1000, 1200, 1400) and columns for various performance metrics.

COOLING CAPACITY - HS29-036 with [CB30M-46] TXV System

Table showing cooling capacity for HS29-036 with [CB30M-46] TXV System. Rows include temperatures 63°F, 67°F, and 71°F with three capacity options (1000, 1200, 1400) and columns for various performance metrics.

COOLING CAPACITY - HS29-036 with [CB30M-51] [CB30U-51] TXV System

Table showing cooling capacity for HS29-036 with [CB30M-51] [CB30U-51] TXV System. Rows include temperatures 63°F, 67°F, and 71°F with three capacity options (1000, 1200, 1400) and columns for various performance metrics.

COOLING CAPACITY - HS29-036 with [CB31MV-41] TXV System

Table showing cooling capacity for HS29-036 with [CB31MV-41] TXV System. Rows include temperatures 63°F, 67°F, and 71°F with three capacity options (1135, 1275, 1400) and columns for various performance metrics.

COOLING CAPACITY - HS29-036 with [CB31MV-51] TXV System

Table showing cooling capacity for HS29-036 with [CB31MV-51] TXV System. Rows include temperatures 63°F, 67°F, and 71°F with three capacity options (1205, 1375, 1400) and columns for various performance metrics.

COOLING CAPACITY - HS29-036 with [CVP10-41/EC10Q3] [CVP10-46/EC10Q4] TXV System

Table showing cooling capacity for HS29-036 with [CVP10-41/EC10Q3] [CVP10-46/EC10Q4] TXV System. Rows include temperatures 63°F, 67°F, and 71°F with three capacity options (1000, 1200, 1400) and columns for various performance metrics.

RATINGS

3.5 TON

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

UP-FLOW INDOOR COILS

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)					95°F (35°C)					105°F (41°C)					115°F (46°C)								
	cfm	L/s	Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C

COOLING CAPACITY - HS29-042 with [C33-42B] RFC System

63°F (17°C)	1250	590	40.1	11.8	3.23	.73	.87	.98	38.8	11.4	3.60	.74	.88	.99	37.4	11.0	4.03	.75	.90	1.00	35.8	10.5	4.51	.77	.92	1.00
	1400	660	40.8	12.0	3.24	.75	.90	1.00	39.5	11.6	3.62	.77	.91	1.00	38.0	11.1	4.04	.78	.93	1.00	36.5	10.7	4.53	.80	.95	1.00
	1550	730	41.4	12.1	3.26	.78	.93	1.00	40.1	11.8	3.63	.79	.94	1.00	38.6	11.3	4.06	.81	.96	1.00	37.1	10.9	4.55	.82	.97	1.00
67°F (19°C)	1250	590	42.6	12.5	3.28	.57	.70	.84	41.2	12.1	3.65	.58	.71	.85	39.6	11.6	4.08	.58	.73	.87	38.0	11.1	4.57	.59	.74	.89
	1400	660	43.2	12.7	3.29	.59	.73	.87	41.7	12.2	3.66	.59	.74	.89	40.1	11.8	4.09	.60	.76	.90	38.5	11.3	4.57	.61	.77	.92
	1550	730	43.7	12.8	3.30	.60	.76	.90	42.2	12.4	3.67	.61	.77	.92	40.6	11.9	4.10	.62	.78	.93	38.9	11.4	4.59	.62	.80	.95
71°F (22°C)	1250	590	45.3	13.3	3.33	.43	.55	.68	43.8	12.8	3.71	.43	.56	.69	42.1	12.3	4.14	.43	.57	.71	40.4	11.8	4.63	.43	.58	.72
	1400	660	45.9	13.5	3.34	.43	.57	.71	44.3	13.0	3.72	.44	.58	.72	42.7	12.5	4.15	.44	.59	.73	40.9	12.0	4.64	.44	.60	.75
	1550	730	46.4	13.6	3.35	.44	.59	.73	44.8	13.1	3.73	.44	.59	.75	43.1	12.6	4.16	.44	.60	.76	41.3	12.1	4.66	.45	.62	.78

COOLING CAPACITY - HS29-042 with [C33-42B] TXV System

63°F (17°C)	1250	590	38.5	11.3	3.08	.77	.90	1.00	37.0	10.8	3.41	.78	.92	1.00	35.6	10.4	3.79	.79	.94	1.00	34.2	10.0	4.21	.81	.96	1.00
	1400	660	39.0	11.4	3.10	.79	.94	1.00	37.8	11.1	3.43	.80	.95	1.00	36.4	10.7	3.81	.82	.97	1.00	35.0	10.3	4.22	.83	.99	1.00
	1550	730	40.0	11.7	3.11	.82	.97	1.00	38.5	11.3	3.45	.83	.98	1.00	37.2	10.9	3.82	.84	.99	1.00	35.6	10.4	4.24	.86	1.00	1.00
67°F (19°C)	1250	590	40.5	11.9	3.12	.62	.75	.87	39.0	11.4	3.46	.62	.76	.89	37.4	11.0	3.83	.63	.77	.91	36.0	10.6	4.26	.64	.79	.93
	1400	660	41.0	12.0	3.14	.63	.77	.91	39.5	11.6	3.47	.64	.78	.92	38.5	11.3	3.85	.65	.80	.94	36.8	10.8	4.27	.66	.81	.97
	1550	730	42.0	12.3	3.15	.65	.79	.94	40.5	11.9	3.49	.65	.81	.96	39.0	11.4	3.86	.66	.82	.98	37.4	11.0	4.29	.68	.84	.99
71°F (22°C)	1250	590	42.0	12.3	3.15	.48	.60	.73	40.5	11.9	3.49	.48	.61	.74	39.0	11.4	3.87	.48	.62	.75	37.6	11.0	4.30	.49	.63	.76
	1400	660	43.0	12.6	3.17	.49	.62	.75	41.5	12.2	3.51	.49	.63	.76	40.0	11.7	3.89	.49	.64	.78	38.5	11.3	4.32	.50	.65	.79
	1550	730	43.5	12.7	3.19	.49	.64	.77	42.0	12.3	3.53	.50	.64	.79	40.5	11.9	3.91	.50	.65	.80	39.0	11.4	4.34	.51	.67	.82

COOLING CAPACITY - HS29-042 with [C33-43B/C] TXV System

63°F (17°C)	1200	565	45.5	13.3	3.36	.74	.87	.98	44.0	12.9	3.72	.75	.88	1.00	42.0	12.3	4.13	.76	.89	1.00	40.5	11.9	4.60	.77	.92	1.00
	1400	660	47.0	13.8	3.40	.77	.91	1.00	45.5	13.3	3.76	.78	.92	1.00	43.5	12.7	4.17	.79	.94	1.00	42.0	12.3	4.63	.81	.96	1.00
	1600	755	48.0	14.1	3.42	.80	.95	1.00	46.5	13.6	3.79	.81	.97	1.00	44.5	13.0	4.19	.83	.98	1.00	43.0	12.6	4.65	.84	1.00	1.00
67°F (19°C)	1200	565	48.0	14.1	3.42	.60	.72	.83	46.5	13.6	3.78	.60	.73	.85	44.5	13.0	4.19	.61	.74	.86	42.5	12.5	4.64	.62	.75	.88
	1400	660	49.0	14.4	3.45	.62	.75	.87	47.5	13.9	3.80	.62	.76	.89	46.0	13.5	4.22	.63	.77	.91	44.0	12.9	4.68	.64	.79	.93
	1600	755	50.5	14.8	3.47	.63	.78	.92	48.5	14.2	3.84	.64	.79	.93	47.0	13.8	4.24	.65	.80	.95	45.0	13.2	4.70	.66	.82	.98
71°F (22°C)	1200	565	50.5	14.8	3.47	.47	.58	.69	48.5	14.2	3.83	.47	.59	.71	47.0	13.8	4.25	.48	.60	.71	45.0	13.2	4.71	.48	.60	.73
	1400	660	52.0	15.2	3.51	.48	.60	.72	50.0	14.7	3.87	.48	.61	.74	48.0	14.1	4.28	.48	.62	.75	46.0	13.5	4.73	.49	.63	.76
	1600	755	53.0	15.5	3.54	.48	.62	.76	51.0	14.9	3.89	.48	.63	.77	49.5	14.5	4.30	.49	.64	.78	47.0	13.8	4.76	.50	.65	.80

COOLING CAPACITY - HS29-042 with [C33-44C] TXV System

63°F (17°C)	1250	590	40.0	11.7	3.11	.75	.89	1.00	38.5	11.3	3.44	.77	.90	1.00	37.0	10.8	3.82	.78	.92	1.00	35.4	10.4	4.24	.79	.94	1.00
	1400	660	40.5	11.9	3.13	.78	.92	1.00	39.0	11.4	3.46	.79	.94	1.00	37.8	11.1	3.84	.80	.96	1.00	36.2	10.6	4.26	.82	.98	1.00
	1550	730	41.5	12.2	3.14	.80	.95	1.00	40.0	11.7	3.48	.81	.97	1.00	38.5	11.3	3.86	.83	.99	1.00	37.0	10.8	4.28	.85	1.00	1.00
67°F (19°C)	1250	590	42.0	12.3	3.16	.61	.73	.86	40.5	11.9	3.49	.61	.74	.87	39.0	11.4	3.87	.62	.76	.89	37.4	11.0	4.30	.63	.77	.91
	1400	660	43.0	12.6	3.17	.62	.76	.89	41.5	12.2	3.51	.63	.77	.90	40.0	11.7	3.88	.63	.78	.92	38.0	11.1	4.32	.64	.80	.95
	1550	730	43.5	12.7	3.19	.63	.78	.92	42.0	12.3	3.52	.64	.79	.94	40.5	11.9	3.91	.65	.81	.96	39.0	11.4	4.33	.66	.83	.98
71°F (22°C)	1250	590	44.0	12.9	3.20	.47	.59	.71	42.5	12.5	3.54	.47	.60	.72	41.0	12.0	3.92	.48	.61	.74	39.5	11.6	4.34	.48	.61	.75
	1400	660	45.0	13.2	3.22	.48	.61	.74	43.5	12.7	3.56	.48	.61	.75	42.0	12.3	3.94	.48	.62	.76	40.0	11.7	4.37	.49	.63	.78
	1550	730	46.0	13.5	3.23	.48	.62	.76	44.0	12.9	3.57	.49	.63	.77	42.5	12.5	3.96	.49	.64	.79	41.0	12.0	4.39	.50	.65	.80

COOLING CAPACITY - HS29-042 with [C33-48B/C] RFC System

63°F (17°C)	1250	590	42.0	12.3	3.27	.73	.87	.98	40.5	11.9	3.64	.74	.88	.99	39.0	11.4	4.07	.75	.90	1.00	37.4	11.0	4.55	.77	.91	1.00
	1400	660	42.8	12.5	3.28	.76	.90	1.00	41.3	12.1	3.66	.77	.92	1.00	39.7	11.6	4.08	.78	.93	1.00	38.1	11.2	4.56	.80	.95	1.00
	1550	730	43.5	12.7	3.30	.78	.93	1.00	42.0	12.3	3.67	.79	.95	1.00	40.4	11.8	4.09	.81	.96	1.00	38.8	11.4	4.58	.82	.98	1.00
67°F (19°C)	1250	590	44.6	13.1	3.32	.57	.70	.83	43.1	12.6	3.70	.58	.71	.85	41.4	12.1	4.12	.58	.73	.87	39.6	11.6	4.61	.59	.74	.88
	1400	660	45.3	13.3	3.34	.58	.73	.87	43.7	12.8	3.71	.59	.74	.88	42.0	12.3	4.14	.60	.76	.90	40.2	11.8	4.62	.61	.77	.92
	1550	730	45.9	13.5	3.35	.60	.76	.90	44.3	13.0	3.73	.61	.77	.92	42.5	12.5	4.16	.62	.79	.93	40.7	11.9	4.64	.63	.80	.95
71°F (22°C)	1250	590	47.5	13.9	3.38	.43	.55	.68	45.9	13.5	3.76	.43	.56	.69	44.1	12.9	4.19	.43	.57	.70	42.2	12.4	4.68	.43	.58	.72
	1400	660	48.2	14.1	3.40	.43	.57	.71	46.5	13.6	3.78	.43	.58	.72	44.7	13.1	4.21	.44	.59	.73	42.8	12.5	4.70	.44	.60	.75
	1550	730	48.8	14.3	3.41	.44	.59	.73	47.1	13.8	3.79	.44	.59	.75	45.2	13.2	4.22	.44	.60	.76	43.3	12.7	4.71	.45	.61	.78

COOLING CAPACITY - HS29-042 with [C33-48B/C] TXV System

63°F (17°C)	1250	590	40.0	11.7	3.12	.75	.88	1.00	38.5	11.3	3.45	.76	.89	1.00	37.2	10.9	3.82	.77	.91	1.00	35.8	10.5	4.25	.79	.93	1.00
	1400	660	41.0	12.0	3.13	.78	.91	1.00	39.5	11.6	3.47	.78	.93	1.00	38.0	11.1	3.84	.80	.95	1.00	36.6	10.7	4.27	.81	.97	1.00
	1550	730	42.0	12.3	3.15	.80	.94	1.00	40.5	11.9	3.49	.81	.96	1.00	39.0	11.4	3.86	.82	.98	1.00	37.2	10.9	4.29	.84	1.00	1.00
67°F (19°C)	1250	590	42.0	12.3	3.16	.60	.73	.85	41.0	12.0	3.50	.61	.74	.86	39.5	11.6	3.86	.61	.76	.88	37.8	11.1	4.30	.62	.76	.90
	1400	66																								

RATINGS

3.5 TON

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

UP-FLOW INDOOR COILS

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																			
			85°F (29°C)					95°F (35°C)					105°F (41°C)					115°F (46°C)				
			Total Cooling Capacity	Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity	Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity	Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity	Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
					75°F 24°C	80°F 27°C	85°F 29°C			75°F 24°C	80°F 27°C	85°F 29°C			75°F 24°C	80°F 27°C	85°F 29°C			75°F 24°C	80°F 27°C	85°F 29°C
cfm	L/s	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW			

COOLING CAPACITY - HS29-042 with [C33-50/60C] TXV System

63°F (17°C)	1250	590	40.5	11.9	3.12	.76	.88	1.00	39.0	11.4	3.45	.77	.90	1.00	37.6	11.0	3.84	.77	.92	1.00	36.0	10.6	4.26	.79	.94	1.00
	1400	660	41.5	12.2	3.14	.77	.92	1.00	40.0	11.7	3.48	.79	.94	1.00	38.5	11.3	3.86	.80	.95	1.00	37.0	10.8	4.28	.82	.97	1.00
	1550	730	42.0	12.3	3.16	.80	.95	1.00	40.5	11.9	3.50	.82	.97	1.00	39.0	11.4	3.87	.83	.99	1.00	37.6	11.0	4.30	.85	1.00	1.00
67°F (19°C)	1250	590	42.5	12.5	3.17	.61	.73	.85	41.0	12.0	3.51	.61	.75	.87	39.5	11.6	3.88	.62	.75	.89	38.0	11.1	4.31	.63	.77	.91
	1400	660	43.5	12.7	3.18	.62	.75	.89	42.0	12.3	3.52	.63	.76	.90	40.5	11.9	3.90	.64	.78	.92	39.0	11.4	4.33	.65	.80	.94
	1550	730	44.5	13.0	3.20	.63	.78	.92	42.5	12.5	3.54	.64	.79	.94	41.0	12.0	3.92	.65	.81	.96	39.5	11.6	4.35	.66	.83	.98
71°F (22°C)	1250	590	45.0	13.2	3.22	.47	.59	.71	43.5	12.7	3.55	.47	.60	.72	41.5	12.2	3.94	.48	.61	.73	40.0	11.7	4.37	.48	.62	.75
	1400	660	46.0	13.5	3.24	.48	.61	.74	44.0	12.9	3.57	.48	.61	.74	42.5	12.5	3.95	.48	.62	.76	41.0	12.0	4.39	.48	.63	.78
	1550	730	46.5	13.6	3.25	.48	.62	.76	45.0	13.2	3.59	.49	.63	.77	43.5	12.7	3.98	.49	.64	.79	41.5	12.2	4.40	.50	.65	.80

COOLING CAPACITY - HS29-042 with [C33-60D] TXV System

63°F (17°C)	1250	590	41.0	12.0	3.13	.76	.89	1.00	39.5	11.6	3.46	.77	.91	1.00	38.0	11.1	3.85	.79	.93	1.00	36.4	10.7	4.27	.80	.95	1.00
	1400	660	42.0	12.3	3.15	.79	.93	1.00	40.5	11.9	3.49	.80	.95	1.00	39.0	11.4	3.87	.81	.97	1.00	37.2	10.9	4.29	.83	.99	1.00
	1550	730	42.5	12.5	3.17	.81	.96	1.00	41.0	12.0	3.51	.82	.98	1.00	39.5	11.6	3.88	.84	1.00	1.00	38.0	11.1	4.31	.86	1.00	1.00
67°F (19°C)	1250	590	43.0	12.6	3.17	.61	.74	.86	41.5	12.2	3.51	.62	.75	.88	40.0	11.7	3.89	.63	.76	.90	38.0	11.1	4.32	.64	.78	.92
	1400	660	44.0	12.9	3.19	.63	.76	.90	42.5	12.5	3.53	.63	.78	.92	41.0	12.0	3.91	.64	.79	.93	39.0	11.4	4.34	.66	.81	.96
	1550	730	44.5	13.0	3.21	.64	.79	.93	43.0	12.6	3.55	.65	.80	.95	41.5	12.2	3.93	.66	.82	.97	40.0	11.7	4.36	.67	.84	.99
71°F (22°C)	1250	590	45.0	13.2	3.22	.47	.60	.72	43.5	12.7	3.56	.47	.61	.73	42.0	12.3	3.94	.48	.61	.74	40.5	11.9	4.37	.48	.62	.76
	1400	660	46.0	13.5	3.24	.48	.61	.74	44.5	13.0	3.58	.48	.61	.76	43.0	12.6	3.96	.49	.62	.77	41.0	12.0	4.39	.49	.64	.79
	1550	730	47.0	13.8	3.26	.49	.63	.77	45.5	13.3	3.60	.49	.64	.78	43.5	12.7	3.98	.50	.65	.80	42.0	12.3	4.41	.50	.66	.82

COOLING CAPACITY - HS29-042 with [C33-62C] TXV System

63°F (17°C)	1650	780	50.0	14.7	3.46	.83	.99	1.00	48.0	14.1	3.82	.84	1.00	1.00	46.5	13.6	4.22	.86	1.00	1.00	44.5	13.0	4.69	.88	1.00	1.00
	1850	875	51.0	14.9	3.49	.86	1.00	1.00	49.5	14.5	3.85	.88	1.00	1.00	47.5	13.9	4.26	.90	1.00	1.00	46.0	13.5	4.73	.92	1.00	1.00
	2050	970	52.5	15.4	3.51	.90	1.00	1.00	50.5	14.8	3.89	.91	1.00	1.00	49.0	14.4	4.29	.93	1.00	1.00	47.0	13.8	4.75	.96	1.00	1.00
67°F (19°C)	1650	780	52.5	15.4	3.51	.65	.81	.96	50.5	14.8	3.87	.66	.82	.98	48.5	14.2	4.28	.67	.84	.99	46.5	13.6	4.74	.69	.86	1.00
	1850	875	53.5	15.7	3.54	.67	.84	1.00	51.5	15.1	3.90	.68	.86	1.00	49.5	14.5	4.30	.69	.88	1.00	47.0	13.8	4.76	.71	.90	1.00
	2050	970	54.0	15.8	3.55	.69	.87	1.00	52.0	15.2	3.92	.70	.90	1.00	50.0	14.7	4.32	.72	.91	1.00	48.0	14.1	4.78	.73	.94	1.00
71°F (22°C)	1650	780	55.0	16.1	3.57	.49	.64	.79	53.0	15.5	3.94	.50	.65	.80	51.0	14.9	4.34	.50	.66	.82	48.5	14.2	4.80	.51	.67	.83
	1850	875	56.0	16.4	3.59	.50	.66	.82	54.0	15.8	3.95	.51	.67	.84	51.5	15.1	4.36	.51	.69	.86	49.5	14.5	4.82	.52	.70	.88
	2050	970	56.5	16.6	3.62	.51	.69	.85	54.5	16.0	3.97	.52	.70	.87	52.5	15.4	4.38	.52	.71	.89	50.0	14.7	4.83	.53	.72	.92

UP-FLOW INDOOR COIL WITH GAS FURNACES

COOLING CAPACITY - HS29-042 with [C33-44C with G60UHV-60C-090] TXV System

63°F (17°C)	1335	630	40.0	11.7	3.12	.76	.90	1.00	38.5	11.3	3.45	.78	.92	1.00	37.2	10.9	3.82	.79	.93	1.00	35.8	10.5	4.25	.80	.96	1.00
	1485	700	41.0	12.0	3.13	.79	.93	1.00	39.5	11.6	3.47	.79	.95	1.00	38.0	11.1	3.85	.81	.97	1.00	36.6	10.7	4.27	.83	.99	1.00
	1630	770	41.5	12.2	3.15	.81	.96	1.00	40.0	11.7	3.49	.82	.98	1.00	38.5	11.3	3.86	.84	1.00	1.00	37.0	10.8	4.28	.85	1.00	1.00
67°F (19°C)	1335	630	42.5	12.5	3.16	.61	.74	.87	41.0	12.0	3.50	.62	.75	.89	39.5	11.6	3.88	.62	.76	.90	37.8	11.1	4.30	.63	.78	.92
	1485	700	43.0	12.6	3.18	.63	.77	.90	41.5	12.2	3.52	.63	.77	.92	40.0	11.7	3.90	.64	.79	.94	38.5	11.3	4.32	.65	.81	.96
	1630	770	44.0	12.9	3.19	.63	.78	.93	42.5	12.5	3.53	.64	.80	.95	40.5	11.9	3.91	.65	.82	.97	39.0	11.4	4.34	.66	.83	.99
71°F (22°C)	1335	630	44.5	13.0	3.21	.47	.59	.72	43.0	12.6	3.55	.47	.60	.73	41.5	12.2	3.93	.48	.61	.75	39.5	11.6	4.35	.48	.62	.76
	1485	700	45.5	13.3	3.23	.47	.61	.74	43.5	12.7	3.56	.48	.62	.76	42.0	12.3	3.95	.48	.62	.76	40.5	11.9	4.38	.49	.64	.79
	1630	770	46.0	13.5	3.24	.48	.62	.76	44.5	13.0	3.58	.48	.63	.78	43.0	12.6	3.96	.49	.64	.80	41.0	12.0	4.39	.49	.65	.81

COOLING CAPACITY - HS29-042 with [C33-48C with G60UHV-60C-090] TXV System

63°F (17°C)	1335	630	40.5	11.9	3.12	.76	.89	1.00	39.0	11.4	3.46	.77	.91	1.00	37.6	11.0	3.84	.78	.93	1.00	36.2	10.6	4.26	.80	.95	1.00
	1485	700	41.5	12.2	3.14	.78	.92	1.00	40.0	11.7	3.48	.79	.94	1.00	38.5	11.3	3.86	.81	.96	1.00	36.8	10.8	4.28	.82	.98	1.00
	1630	770	42.0	12.3	3.15	.80	.95	1.00	40.5	11.9	3.49	.82	.97	1.00	39.0	11.4	3.87	.83	.99	1.00	37.4	11.0	4.30	.85	1.00	1.00
67°F (19°C)	1335	630	42.5	12.5	3.17	.61	.74	.86	41.0	12.0	3.51	.61	.75	.88	39.5	11.6	3.88	.62	.76	.89	38.0	11.1	4.31	.63	.77	.91
	1485	700	43.5	12.7	3.19	.62	.76	.89	42.0	12.3	3.52	.63	.77	.91	40.5	11.9	3.90	.64	.79	.93	38.5	11.3	4.33	.65	.80	.95
	1630	770	44.0	12.9	3.20	.63	.78	.92	42.5	12.5	3.54	.64	.79	.94	41.0	12.0	3.92	.65	.81	.96	39.5	11.6	4.35	.66	.83	.98
71°F (22°C)	1335	630	45.0	13.2	3.22	.47	.59	.72	43.5	12.7	3.55	.47	.60	.73	41.5	12.2	3.94	.47	.61	.74	40.0	11.7	4.37	.47	.62	.75
	1485	700	46.0	13.5	3.24	.48	.61	.74	44.0	12.9	3.57	.48	.61	.75	42.5	12.5	3.95	.48	.62	.76	41.0	12.0	4.39	.49	.63	.78
	1630	770	46.5	13.6	3.25	.48	.62	.76	45.0	13.2	3.59	.48	.63	.77	43.0	12.6	3.97	.48	.64	.79	41.5	12.2	4.40	.49	.65	.81

COOLING CAPACITY - HS29-042 with [C33-50/60C with G60UHV-60C-090] TXV System

63°F (17°C)	1335	630	41.0	12.0	3.13	.77	.90	1.00	39.5	11.6	3.47	.77	.92	1.00	38.0	11.1	3.85	.79	.93	1.00	36.4	10.7	4.27	.80	.95	1.00
	1485	700	41.5	12.2	3.15	.78	.93	1.00	40.0	11.7	3.48	.80	.95	1.00	38.5	11.3	3.86	.81	.97	1.00	37.2	10.9	4.29	.83	.99	1.00
	1630	770	42.5	12.5	3.17</																					

RATINGS

3.5 TON

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

DOWN-FLOW INDOOR COILS

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C

COOLING CAPACITY - HS29-042 with [CR33-36A-F] TXV System

63°F (17°C)	800	380	35.0	10.3	3.01	.69	.80	.90	33.8	9.9	3.34	.70	.81	.91	32.6	9.6	3.71	.71	.82	.93	31.4	9.2	4.13	.72	.83	.95
	900	425	36.0	10.6	3.03	.71	.82	.93	34.8	10.2	3.37	.72	.84	.95	33.6	9.8	3.74	.73	.85	.96	32.2	9.4	4.15	.74	.86	.98
	1000	470	36.8	10.8	3.05	.73	.85	.96	35.6	10.4	3.38	.74	.86	.97	34.4	10.1	3.76	.75	.88	.99	33.0	9.7	4.17	.76	.89	1.00
67°F (19°C)	800	380	36.8	10.8	3.05	.56	.67	.76	35.6	10.4	3.38	.57	.67	.78	34.4	10.1	3.76	.57	.68	.79	33.2	9.7	4.17	.58	.69	.80
	900	425	38.0	11.1	3.07	.57	.68	.79	36.6	10.7	3.41	.58	.69	.80	35.4	10.4	3.78	.58	.70	.82	34.0	10.0	4.20	.59	.71	.83
	1000	470	39.0	11.4	3.09	.59	.70	.82	37.6	11.0	3.43	.59	.71	.83	36.2	10.6	3.80	.60	.72	.84	34.8	10.2	4.22	.60	.73	.86
71°F (22°C)	800	380	38.5	11.3	3.08	.44	.55	.64	37.4	11.0	3.42	.45	.55	.65	36.0	10.6	3.80	.45	.56	.66	34.8	10.2	4.22	.45	.56	.67
	900	425	40.0	11.7	3.11	.45	.56	.66	38.5	11.3	3.45	.45	.56	.67	37.2	10.9	3.83	.46	.57	.68	35.8	10.5	4.25	.46	.58	.69
	1000	470	40.5	11.9	3.13	.46	.57	.68	39.5	11.6	3.47	.46	.57	.69	38.0	11.1	3.85	.46	.58	.70	36.6	10.7	4.27	.46	.59	.71

COOLING CAPACITY - HS29-042 with [CR33-36B/C-F] RFC System

63°F (17°C)	1000	470	39.1	11.5	3.19	.69	.82	.92	37.9	11.1	3.56	.70	.82	.94	36.4	10.7	3.98	.71	.84	.96	34.9	10.2	4.46	.72	.86	.97
	1200	565	40.4	11.8	3.22	.72	.86	.98	39.1	11.5	3.59	.74	.87	.99	37.6	11.0	4.01	.75	.89	.99	36.0	10.6	4.49	.76	.91	1.00
	1400	660	41.5	12.2	3.24	.76	.90	1.00	40.0	11.7	3.61	.77	.92	1.00	38.5	11.3	4.03	.79	.94	1.00	36.9	10.8	4.51	.80	.96	1.00
67°F (19°C)	1000	470	41.8	12.3	3.25	.55	.67	.78	40.4	11.8	3.62	.55	.67	.79	38.8	11.4	4.04	.56	.69	.80	37.2	10.9	4.51	.56	.69	.82
	1200	565	43.0	12.6	3.27	.57	.70	.83	41.5	12.2	3.64	.57	.71	.84	39.9	11.7	4.06	.58	.72	.86	38.2	11.2	4.55	.59	.74	.88
	1400	660	43.9	12.9	3.29	.59	.73	.88	42.3	12.4	3.66	.60	.75	.89	40.7	11.9	4.09	.60	.76	.91	38.9	11.4	4.57	.61	.78	.93
71°F (22°C)	1000	470	44.5	13.0	3.31	.42	.53	.64	43.0	12.6	3.68	.42	.53	.65	41.4	12.1	4.10	.43	.54	.66	39.7	11.6	4.58	.43	.55	.67
	1200	565	45.8	13.4	3.33	.43	.55	.67	44.2	13.0	3.71	.43	.56	.69	42.5	12.5	4.13	.43	.56	.70	40.7	11.9	4.61	.43	.57	.71
	1400	660	46.7	13.7	3.35	.43	.57	.71	45.0	13.2	3.73	.44	.58	.72	43.3	12.7	4.15	.44	.59	.74	41.4	12.1	4.64	.44	.60	.76

COOLING CAPACITY - HS29-042 with [CR33-36B/C-F] TXV System

63°F (17°C)	1000	470	36.8	10.8	3.05	.73	.85	.96	35.6	10.4	3.38	.74	.86	.97	34.4	10.1	3.76	.75	.88	.99	33.0	9.7	4.17	.76	.89	1.00
	1200	565	38.5	11.3	3.08	.76	.90	1.00	37.0	10.8	3.41	.77	.91	1.00	35.6	10.4	3.79	.78	.93	1.00	34.2	10.0	4.20	.80	.95	1.00
	1400	660	39.5	11.6	3.10	.79	.94	1.00	38.0	11.1	3.44	.81	.95	1.00	36.6	10.7	3.81	.82	.97	1.00	35.2	10.3	4.23	.84	.99	1.00
67°F (19°C)	1000	470	39.0	11.4	3.09	.59	.70	.82	37.6	11.0	3.43	.59	.71	.83	36.2	10.6	3.80	.60	.72	.84	34.8	10.2	4.22	.60	.73	.86
	1200	565	40.5	11.9	3.12	.61	.74	.86	39.0	11.4	3.46	.61	.75	.88	37.4	11.0	3.83	.62	.76	.90	36.0	10.6	4.25	.63	.78	.92
	1400	660	41.5	12.2	3.14	.63	.77	.91	40.0	11.7	3.48	.64	.79	.93	38.5	11.3	3.86	.65	.80	.94	37.0	10.8	4.27	.66	.82	.96
71°F (22°C)	1000	470	40.5	11.9	3.13	.46	.57	.68	39.5	11.6	3.47	.46	.57	.69	38.0	11.1	3.85	.46	.58	.70	36.6	10.7	4.27	.46	.59	.71
	1200	565	42.5	12.5	3.16	.47	.59	.72	41.0	12.0	3.50	.47	.60	.73	39.5	11.6	3.88	.48	.61	.74	37.8	11.1	4.30	.48	.62	.75
	1400	660	43.5	12.7	3.18	.48	.62	.75	42.0	12.3	3.52	.48	.63	.77	40.5	11.9	3.90	.49	.64	.78	39.0	11.4	4.33	.49	.65	.80

COOLING CAPACITY - HS29-042 with [CR33-48B/C-F] RFC System

63°F (17°C)	1250	590	40.9	12.0	3.23	.72	.86	.98	39.5	11.6	3.60	.73	.88	.99	38.0	11.1	4.02	.74	.89	1.00	36.4	10.7	4.50	.76	.91	1.00
	1400	660	41.7	12.2	3.25	.75	.89	1.00	40.2	11.8	3.62	.76	.91	1.00	38.7	11.3	4.04	.77	.93	1.00	37.1	10.9	4.52	.79	.94	1.00
	1550	730	42.3	12.4	3.27	.77	.92	1.00	40.9	12.0	3.63	.78	.94	1.00	39.3	11.5	4.05	.80	.95	1.00	37.7	11.0	4.54	.82	.97	1.00
67°F (19°C)	1250	590	43.6	12.8	3.29	.57	.70	.83	42.1	12.3	3.66	.57	.71	.84	40.4	11.8	4.08	.58	.72	.86	38.7	11.3	4.57	.59	.73	.88
	1400	660	44.3	13.0	3.31	.58	.72	.86	42.7	12.5	3.67	.59	.74	.88	41.0	12.0	4.10	.60	.75	.90	39.2	11.5	4.58	.60	.77	.91
	1550	730	44.8	13.1	3.32	.59	.75	.89	43.2	12.7	3.69	.60	.76	.91	41.6	12.2	4.11	.61	.77	.93	39.7	11.6	4.59	.62	.79	.95
71°F (22°C)	1250	590	46.4	13.6	3.35	.43	.55	.67	44.8	13.1	3.73	.43	.56	.68	43.1	12.6	4.15	.43	.56	.70	41.2	12.1	4.64	.43	.57	.71
	1400	660	47.1	13.8	3.37	.43	.56	.70	45.5	13.3	3.74	.43	.57	.71	43.7	12.8	4.17	.43	.58	.73	41.8	12.3	4.65	.44	.59	.74
	1550	730	47.7	14.0	3.38	.44	.58	.72	46.0	13.5	3.76	.44	.59	.74	44.2	13.0	4.19	.44	.60	.75	42.3	12.4	4.67	.45	.61	.77

COOLING CAPACITY - HS29-042 with [CR33-48B/C-F] TXV System

63°F (17°C)	1250	590	39.0	11.4	3.09	.75	.88	.99	37.8	11.1	3.43	.76	.90	1.00	36.4	10.7	3.81	.78	.92	1.00	35.0	10.3	4.22	.79	.94	1.00
	1400	660	40.0	11.7	3.11	.78	.91	1.00	38.5	11.3	3.45	.79	.93	1.00	37.2	10.9	3.82	.80	.95	1.00	35.6	10.4	4.24	.82	.97	1.00
	1550	730	40.5	11.9	3.13	.80	.95	1.00	39.0	11.4	3.46	.81	.96	1.00	37.8	11.1	3.84	.82	.98	1.00	36.4	10.7	4.26	.84	.99	1.00
67°F (19°C)	1250	590	41.0	12.0	3.14	.61	.73	.85	40.0	11.7	3.47	.62	.74	.87	38.5	11.3	3.86	.62	.75	.88	37.0	10.8	4.28	.63	.77	.90
	1400	660	42.0	12.3	3.16	.62	.75	.88	40.5	11.9	3.50	.63	.77	.90	39.0	11.4	3.87	.64	.78	.92	37.6	11.0	4.30	.65	.79	.94
	1550	730	43.0	12.6	3.17	.64	.78	.92	41.5	12.2	3.51	.64	.79	.93	40.0	11.7	3.89	.65	.80	.95	38.0	11.1	4.31	.66	.82	.97
71°F (22°C)	1250	590	43.5	12.7	3.19	.47	.59	.71	42.0	12.3	3.52	.47	.60	.72	40.5	11.9	3.90	.47	.61	.73	39.0	11.4	4.33	.48	.62	.75
	1400	660	44.5	13.0	3.20	.48	.61	.73	43.0	12.6	3.55	.48	.62	.74	41.5	12.2	3.93	.48	.63	.76	39.5	11.6	4.35	.49	.64	.77
	1550	730	45.0	13.2	3.22	.48	.62	.75	43.5	12.7	3.56	.48	.63	.77	42.0	12.3	3.94	.49	.64	.78	40.0	11.7	4.37	.50	.65	.80

COOLING CAPACITY - HS29-042 with [CR33-50/60C-F] [CR33-60D-F] TXV System

63°F (17°C)	1250	590	40.0	11.7	3.12	.77	.90	1.00	39.0	11.4	3.45	.78	.92	1.00	37.4	11.0	3.83	.79	.94	1.00	35.8	10.5	4.25	.81	.96	1.00
	1400	660	41.0	12.0	3.13	.79	.94	1.00	39.5	11.6	3.47	.80	.96	1.00	38.0	11.1	3.85	.82	.97	1.00	36.6	10.7	4.27	.84	.99	1.00
	1550	730	42.0	12.3	3.15	.82	.97	1.00	40.5	11.9	3.49	.83	.99	1.00	39.0	11.4	3.87	.85	.99	1.00	37.6	11.0	4.30	.87	1.00	1.00
67°F (19°C)	1250	590	42.5	12.5	3.17	.62	.75	.87	41.0	12.0	3.50	.62														

RATINGS

3.5 TON

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

HORIZONTAL INDOOR COILS

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C

COOLING CAPACITY - HS29-042 with

[CH23-41] RFC System

63°F (17°C)	1250	590	40.7	11.9	3.21	.74	.88	.99	39.3	11.5	3.58	.75	.90	1.00	37.9	11.1	4.00	.76	.91	1.00	36.3	10.6	4.48	.78	.93	1.00
	1400	660	41.5	12.2	3.23	.77	.91	1.00	40.1	11.8	3.60	.78	.93	1.00	38.6	11.3	4.02	.79	.95	1.00	37.0	10.8	4.49	.81	.96	1.00
	1550	730	42.2	12.4	3.24	.79	.94	1.00	40.7	11.9	3.61	.81	.96	1.00	39.3	11.5	4.03	.82	.97	1.00	37.7	11.0	4.51	.84	.99	1.00
67°F (19°C)	1250	590	43.1	12.6	3.26	.58	.71	.85	41.6	12.2	3.63	.58	.73	.86	40.0	11.7	4.05	.59	.74	.88	38.3	11.2	4.53	.60	.75	.90
	1400	660	43.8	12.8	3.27	.59	.74	.88	42.2	12.4	3.64	.60	.76	.90	40.6	11.9	4.06	.61	.77	.92	38.9	11.4	4.55	.62	.79	.93
	1550	730	44.3	13.0	3.28	.61	.77	.92	42.8	12.5	3.65	.62	.79	.93	41.1	12.0	4.08	.63	.80	.95	39.3	11.5	4.56	.64	.82	.97
71°F (22°C)	1250	590	45.9	13.5	3.32	.43	.56	.69	44.3	13.0	3.69	.43	.57	.70	42.6	12.5	4.12	.43	.58	.72	40.8	12.0	4.59	.44	.59	.73
	1400	660	46.5	13.6	3.33	.43	.58	.72	44.9	13.2	3.71	.44	.59	.73	43.2	12.7	4.13	.44	.59	.75	41.3	12.1	4.62	.45	.61	.77
	1550	730	47.0	13.8	3.34	.44	.60	.75	45.4	13.3	3.72	.44	.60	.76	43.6	12.8	4.14	.45	.61	.78	41.7	12.2	4.63	.45	.63	.80

COOLING CAPACITY - HS29-042 with

[CH23-41] TXV System

63°F (17°C)	1250	590	39.0	11.4	3.09	.75	.88	.99	37.8	11.1	3.43	.76	.89	1.00	36.2	10.6	3.80	.77	.91	1.00	34.8	10.2	4.22	.78	.93	1.00
	1400	660	40.0	11.7	3.11	.77	.91	1.00	38.5	11.3	3.44	.78	.93	1.00	37.0	10.8	3.82	.80	.94	1.00	35.6	10.4	4.24	.81	.96	1.00
	1550	730	40.5	11.9	3.12	.79	.94	1.00	39.0	11.4	3.46	.80	.95	1.00	37.6	11.0	3.84	.82	.97	1.00	36.2	10.6	4.26	.84	.99	1.00
67°F (19°C)	1250	590	41.0	12.0	3.14	.61	.73	.85	40.0	11.7	3.48	.61	.74	.86	38.5	11.3	3.85	.62	.75	.88	36.8	10.8	4.28	.63	.76	.90
	1400	660	42.0	12.3	3.16	.62	.75	.88	40.5	11.9	3.49	.62	.76	.90	39.0	11.4	3.87	.63	.77	.91	37.6	11.0	4.30	.64	.79	.93
	1550	730	43.0	12.6	3.17	.63	.77	.91	41.5	12.2	3.51	.64	.78	.93	40.0	11.7	3.89	.65	.80	.95	38.0	11.1	4.32	.66	.82	.96
71°F (22°C)	1250	590	43.5	12.7	3.18	.47	.59	.70	42.0	12.3	3.52	.47	.60	.71	40.5	11.9	3.91	.48	.61	.73	39.0	11.4	4.33	.48	.61	.74
	1400	660	44.5	13.0	3.20	.47	.60	.73	43.0	12.6	3.54	.48	.61	.74	41.5	12.2	3.92	.48	.62	.75	39.5	11.6	4.36	.49	.63	.77
	1550	730	45.0	13.2	3.22	.48	.62	.75	43.5	12.7	3.56	.49	.63	.76	42.0	12.3	3.94	.49	.64	.78	40.5	11.9	4.38	.49	.65	.80

COOLING CAPACITY - HS29-042 with

[CH23-51] RFC System

63°F (17°C)	1250	590	41.6	12.2	3.24	.74	.88	.99	40.2	11.8	3.61	.75	.89	1.00	38.6	11.3	4.03	.76	.91	1.00	37.0	10.8	4.51	.78	.93	1.00
	1400	660	42.4	12.4	3.26	.76	.91	1.00	40.9	12.0	3.63	.78	.93	1.00	39.4	11.5	4.05	.79	.94	1.00	37.8	11.1	4.53	.81	.96	1.00
	1550	730	43.1	12.6	3.28	.79	.94	1.00	41.6	12.2	3.64	.81	.96	1.00	40.1	11.8	4.06	.82	.97	1.00	38.5	11.3	4.55	.84	.99	1.00
67°F (19°C)	1250	590	44.1	12.9	3.29	.57	.71	.84	42.5	12.5	3.66	.58	.72	.86	40.9	12.0	4.09	.59	.74	.88	39.1	11.5	4.57	.60	.75	.90
	1400	660	44.8	13.1	3.31	.59	.74	.88	43.2	12.7	3.68	.60	.75	.90	41.5	12.2	4.11	.61	.77	.91	39.7	11.6	4.59	.62	.79	.93
	1550	730	45.3	13.3	3.32	.61	.77	.91	43.7	12.8	3.70	.62	.78	.93	42.0	12.3	4.11	.62	.80	.95	40.2	11.8	4.60	.64	.82	.97
71°F (22°C)	1250	590	46.9	13.7	3.36	.43	.56	.69	45.3	13.3	3.73	.43	.57	.70	43.6	12.8	4.16	.43	.57	.71	41.7	12.2	4.64	.44	.58	.73
	1400	660	47.6	14.0	3.37	.43	.58	.72	45.9	13.5	3.74	.44	.58	.73	44.1	12.9	4.18	.44	.59	.75	42.2	12.4	4.66	.44	.60	.76
	1550	730	48.1	14.1	3.38	.44	.59	.75	46.4	13.6	3.76	.44	.60	.76	44.6	13.1	4.19	.45	.61	.78	42.7	12.5	4.67	.45	.63	.79

COOLING CAPACITY - HS29-042 with

[CH23-51] TXV System

63°F (17°C)	1250	590	39.5	11.6	3.10	.75	.88	.99	37.8	11.1	3.43	.76	.89	1.00	36.4	10.7	3.80	.77	.91	1.00	35.0	10.3	4.23	.78	.93	1.00
	1400	660	40.0	11.7	3.11	.77	.91	1.00	38.5	11.3	3.45	.78	.92	1.00	37.2	10.9	3.83	.79	.94	1.00	35.6	10.4	4.24	.81	.96	1.00
	1550	730	41.0	12.0	3.13	.79	.94	1.00	39.5	11.6	3.47	.80	.96	1.00	37.8	11.1	3.84	.82	.97	1.00	36.4	10.7	4.26	.83	.99	1.00
67°F (19°C)	1250	590	41.5	12.2	3.15	.60	.72	.84	40.0	11.7	3.48	.61	.73	.86	38.5	11.3	3.86	.61	.75	.88	37.2	10.9	4.28	.62	.76	.90
	1400	660	42.5	12.5	3.17	.61	.75	.88	41.0	12.0	3.50	.62	.76	.89	39.5	11.6	3.88	.63	.77	.91	37.8	11.1	4.30	.64	.79	.93
	1550	730	43.0	12.6	3.18	.63	.77	.91	41.5	12.2	3.52	.64	.78	.93	40.0	11.7	3.90	.64	.79	.95	38.5	11.3	4.32	.65	.81	.97
71°F (22°C)	1250	590	43.5	12.7	3.19	.47	.59	.70	42.0	12.3	3.53	.47	.59	.71	40.5	11.9	3.91	.46	.60	.72	39.0	11.4	4.33	.47	.61	.74
	1400	660	44.5	13.0	3.21	.47	.60	.72	43.0	12.6	3.55	.48	.61	.74	41.5	12.2	3.93	.48	.62	.75	40.0	11.7	4.36	.48	.63	.76
	1550	730	45.5	13.3	3.23	.48	.61	.75	44.0	12.9	3.56	.48	.62	.76	42.0	12.3	3.95	.49	.63	.77	40.5	11.9	4.38	.49	.64	.79

COOLING CAPACITY - HS29-042 with

[CH23-65] TXV System

63°F (17°C)	1250	590	39.5	11.6	3.11	.75	.88	.99	38.0	11.1	3.44	.76	.90	1.00	36.8	10.8	3.81	.77	.91	1.00	35.4	10.4	4.24	.79	.93	1.00
	1400	660	40.5	11.9	3.12	.77	.92	1.00	39.0	11.4	3.46	.79	.93	1.00	37.6	11.0	3.84	.80	.95	1.00	36.0	10.6	4.25	.81	.97	1.00
	1550	730	41.0	12.0	3.14	.80	.95	1.00	39.5	11.6	3.48	.81	.96	1.00	38.5	11.3	3.85	.82	.97	1.00	36.8	10.8	4.28	.84	.99	1.00
67°F (19°C)	1250	590	42.0	12.3	3.15	.60	.73	.85	40.5	11.9	3.49	.61	.74	.87	39.0	11.4	3.86	.62	.75	.88	37.4	11.0	4.29	.63	.76	.90
	1400	660	43.0	12.6	3.17	.62	.75	.88	41.5	12.2	3.51	.62	.76	.90	40.0	11.7	3.89	.63	.78	.92	38.0	11.1	4.31	.64	.79	.94
	1550	730	43.5	12.7	3.19	.63	.77	.92	42.0	12.3	3.53	.64	.79	.94	40.5	11.9	3.90	.65	.80	.95	39.0	11.4	4.33	.66	.82	.97
71°F (22°C)	1250	590	44.0	12.9	3.20	.46	.59	.71	42.5	12.5	3.54	.46	.60	.72	41.0	12.0	3.92	.47	.60	.73	39.5	11.6	4.34	.47	.61	.74
	1400	660	45.0	13.2	3.22	.47	.60	.73	43.5	12.7	3.55	.47	.61	.74	42.0	12.3	3.94	.48	.62	.76	40.5	11.9	4.37	.48	.63	.77
	1550	730	46.0	13.5	3.23	.48	.62	.75	44.5	13.0	3.57	.48	.63	.77	42.5	12.5	3.96	.49	.64	.78	41.0	12.0	4.39	.49	.65	.80

COOLING CAPACITY - HS29-042 with

[CH33-42B-2F] RFC System

63°F (17°C)	1250	590	40.7	11.9	3.21	.74	.88	.99	39.3	11.5	3.58	.75	.90	1.00	37.9	11.1	4.00	.76	.91	1.00	36.3	10.6	4.48	.78	.93	1.00
	1400	660	41.5	12.2	3.23	.77	.91	1.00	40.1	11.8	3.60	.78	.93	1.00	38.6	11.3	4.02	.79	.95	1.00	37.0	10.8	4.49	.81	.96	1.00
	1550	730	42.2	12.4	3.24	.79	.94	1.00	40.7	11.9	3.61	.81	.96	1.00												

RATINGS

3.5 TON

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

HORIZONTAL INDOOR COILS

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C

COOLING CAPACITY - HS29-042 with [CH33-48C-2F] RFC System

63°F (17°C)	1250	590	41.6	12.2	3.24	.74	.88	.99	40.2	11.8	3.61	.75	.89	1.00	38.6	11.3	4.03	.76	.91	1.00	37.0	10.8	4.51	.78	.93	1.00
	1400	660	42.4	12.4	3.26	.76	.91	1.00	40.9	12.0	3.63	.78	.93	1.00	39.4	11.5	4.05	.79	.94	1.00	37.8	11.1	4.53	.81	.96	1.00
	1550	730	43.1	12.6	3.28	.79	.94	1.00	41.6	12.2	3.64	.81	.96	1.00	40.1	11.8	4.06	.82	.97	1.00	38.5	11.3	4.55	.84	.99	1.00
67°F (19°C)	1250	590	44.1	12.9	3.29	.57	.71	.84	42.5	12.5	3.66	.58	.72	.86	40.9	12.0	4.09	.59	.74	.88	39.1	11.5	4.57	.60	.75	.90
	1400	660	44.8	13.1	3.31	.59	.74	.88	43.2	12.7	3.68	.60	.75	.90	41.5	12.2	4.11	.61	.77	.91	39.7	11.6	4.59	.62	.79	.93
	1550	730	45.3	13.3	3.32	.61	.77	.91	43.7	12.8	3.70	.62	.78	.93	42.0	12.3	4.11	.62	.80	.95	40.2	11.8	4.60	.64	.82	.97
71°F (22°C)	1250	590	46.9	13.7	3.36	.43	.56	.69	45.3	13.3	3.73	.43	.57	.70	43.6	12.8	4.16	.43	.57	.71	41.7	12.2	4.64	.44	.58	.73
	1400	660	47.6	14.0	3.37	.43	.58	.72	45.9	13.5	3.74	.44	.58	.73	44.1	12.9	4.18	.44	.59	.75	42.2	12.4	4.66	.44	.60	.76
	1550	730	48.1	14.1	3.38	.44	.59	.75	46.4	13.6	3.76	.44	.60	.76	44.6	13.1	4.19	.45	.61	.78	42.7	12.5	4.67	.45	.63	.79

COOLING CAPACITY - HS29-042 with [CH33-48C-2F] TXV System

63°F (17°C)	1250	590	40.5	11.9	3.13	.76	.89	1.00	39.0	11.4	3.46	.77	.90	1.00	37.8	11.1	3.84	.78	.92	1.00	36.2	10.6	4.26	.79	.94	1.00
	1400	660	41.5	12.2	3.14	.78	.92	1.00	40.0	11.7	3.48	.79	.94	1.00	38.5	11.3	3.86	.80	.96	1.00	37.0	10.8	4.28	.82	.98	1.00
	1550	730	42.5	12.5	3.16	.80	.95	1.00	41.0	12.0	3.50	.81	.97	1.00	39.5	11.6	3.88	.83	.99	1.00	37.6	11.0	4.30	.85	1.00	1.00
67°F (19°C)	1250	590	43.0	12.6	3.17	.61	.73	.86	41.5	12.2	3.51	.61	.75	.87	40.0	11.7	3.88	.62	.75	.89	38.0	11.1	4.32	.63	.77	.91
	1400	660	43.5	12.7	3.19	.62	.75	.89	42.0	12.3	3.53	.63	.77	.91	40.5	11.9	3.91	.64	.78	.92	39.0	11.4	4.34	.65	.80	.95
	1550	730	44.5	13.0	3.21	.63	.78	.92	43.0	12.6	3.54	.64	.79	.94	41.5	12.2	3.93	.65	.81	.96	39.5	11.6	4.35	.66	.82	.98
71°F (22°C)	1250	590	45.0	13.2	3.22	.47	.59	.71	43.5	12.7	3.56	.48	.60	.72	42.0	12.3	3.94	.48	.60	.73	40.0	11.7	4.37	.48	.61	.75
	1400	660	46.0	13.5	3.24	.48	.61	.74	44.5	13.0	3.58	.48	.62	.75	42.5	12.5	3.96	.48	.62	.76	41.0	12.0	4.39	.49	.63	.78
	1550	730	46.5	13.6	3.25	.48	.62	.76	45.0	13.2	3.60	.48	.63	.77	43.5	12.7	3.98	.49	.64	.78	41.5	12.2	4.41	.50	.65	.81

COOLING CAPACITY - HS29-042 with [CH33-60D-2F] TXV System

63°F (17°C)	1250	590	40.5	11.9	3.13	.76	.89	1.00	39.5	11.6	3.46	.77	.90	1.00	37.8	11.1	3.84	.78	.92	1.00	36.2	10.6	4.26	.80	.94	1.00
	1400	660	41.5	12.2	3.15	.78	.92	1.00	40.0	11.7	3.48	.79	.94	1.00	38.5	11.3	3.86	.81	.96	1.00	37.2	10.9	4.28	.82	.98	1.00
	1550	730	42.5	12.5	3.17	.80	.96	1.00	41.0	12.0	3.50	.82	.97	1.00	39.5	11.6	3.88	.83	.99	1.00	37.8	11.1	4.30	.85	1.00	1.00
67°F (19°C)	1250	590	43.0	12.6	3.18	.61	.74	.86	41.5	12.2	3.51	.61	.75	.87	40.0	11.7	3.89	.62	.76	.89	38.5	11.3	4.32	.63	.77	.91
	1400	660	44.0	12.9	3.19	.62	.76	.89	42.5	12.5	3.53	.63	.77	.91	40.5	11.9	3.91	.64	.79	.93	39.0	11.4	4.34	.65	.80	.95
	1550	730	44.5	13.0	3.21	.64	.78	.92	43.0	12.6	3.55	.65	.80	.94	41.5	12.2	3.93	.66	.81	.96	40.0	11.7	4.36	.67	.83	.98
71°F (22°C)	1250	590	45.0	13.2	3.22	.47	.59	.71	43.5	12.7	3.56	.47	.60	.72	42.0	12.3	3.94	.48	.61	.73	40.5	11.9	4.37	.48	.62	.75
	1400	660	46.0	13.5	3.24	.48	.61	.73	44.5	13.0	3.58	.48	.61	.75	43.0	12.6	3.97	.49	.63	.76	41.0	12.0	4.40	.49	.64	.78
	1550	730	47.0	13.8	3.26	.49	.62	.76	45.5	13.3	3.60	.49	.64	.78	43.5	12.7	3.98	.49	.64	.79	42.0	12.3	4.42	.50	.66	.81

HORIZONTAL INDOOR COILS WITH GAS FURNACES

COOLING CAPACITY - HS29-042 with [CH33-48C-2F with G60UHV-60C-090] TXV Systems

63°F (17°C)	1335	630	41.0	12.0	3.13	.77	.90	1.00	39.5	11.6	3.47	.77	.92	1.00	38.0	11.1	3.85	.79	.93	1.00	36.6	10.7	4.27	.80	.96	1.00
	1485	700	42.0	12.3	3.15	.79	.93	1.00	40.5	11.9	3.49	.80	.95	1.00	39.0	11.4	3.87	.81	.97	1.00	37.2	10.9	4.29	.83	.99	1.00
	1630	770	42.5	12.5	3.17	.81	.96	1.00	41.0	12.0	3.51	.82	.98	1.00	39.5	11.6	3.88	.84	1.00	1.00	37.8	11.1	4.30	.85	1.00	1.00
67°F (19°C)	1335	630	43.5	12.7	3.18	.61	.74	.87	41.5	12.2	3.52	.61	.75	.89	40.0	11.7	3.90	.62	.77	.90	38.5	11.3	4.33	.63	.78	.92
	1485	700	44.0	12.9	3.20	.63	.76	.90	42.5	12.5	3.54	.63	.78	.92	41.0	12.0	3.92	.64	.79	.94	39.0	11.4	4.34	.65	.80	.96
	1630	770	44.5	13.0	3.21	.64	.79	.93	43.0	12.6	3.55	.65	.80	.95	41.5	12.2	3.93	.66	.82	.97	40.0	11.7	4.36	.67	.83	.99
71°F (22°C)	1335	630	45.5	13.3	3.23	.47	.59	.72	44.0	12.9	3.56	.47	.60	.74	42.0	12.3	3.95	.47	.61	.74	40.5	11.9	4.38	.48	.62	.76
	1485	700	46.5	13.6	3.25	.47	.61	.74	44.5	13.0	3.58	.48	.61	.76	43.0	12.6	3.97	.48	.63	.77	41.5	12.2	4.40	.49	.64	.78
	1630	770	47.0	13.8	3.26	.48	.63	.77	45.5	13.3	3.60	.48	.63	.78	43.5	12.7	3.98	.49	.64	.80	42.0	12.3	4.42	.49	.66	.81

COOLING CAPACITY - HS29-042 with [CH33-50/60C-2F with G60UHV-60C-090] TXV Systems

63°F (17°C)	1335	630	41.5	12.2	3.14	.77	.91	1.00	40.0	11.7	3.48	.78	.92	1.00	38.5	11.3	3.86	.80	.94	1.00	36.8	10.8	4.28	.81	.97	1.00
	1485	700	42.5	12.5	3.16	.79	.94	1.00	41.0	12.0	3.50	.81	.96	1.00	39.0	11.4	3.88	.82	.98	1.00	37.6	11.0	4.30	.84	1.00	1.00
	1630	770	43.0	12.6	3.18	.82	.97	1.00	41.5	12.2	3.51	.83	.99	1.00	40.0	11.7	3.89	.85	1.00	1.00	38.5	11.3	4.32	.87	1.00	1.00
67°F (19°C)	1335	630	43.5	12.7	3.19	.61	.74	.88	42.0	12.3	3.53	.62	.76	.90	40.5	11.9	3.91	.63	.77	.91	39.0	11.4	4.33	.64	.79	.93
	1485	700	44.5	13.0	3.21	.63	.77	.91	43.0	12.6	3.55	.64	.78	.93	41.5	12.2	3.93	.64	.80	.95	39.5	11.6	4.36	.66	.82	.97
	1630	770	45.5	13.3	3.22	.64	.79	.95	43.5	12.7	3.56	.65	.81	.96	42.0	12.3	3.94	.66	.83	.98	40.0	11.7	4.37	.67	.84	1.00
71°F (22°C)	1335	630	46.0	13.5	3.24	.47	.60	.73	44.5	13.0	3.57	.47	.61	.74	42.5	12.5	3.96	.48	.61	.75	41.0	12.0	4.39	.48	.62	.77
	1485	700	47.0	13.8	3.25	.47	.61	.75	45.0	13.2	3.60	.48	.62	.76	43.5	12.7	3.98	.48	.63	.78	41.5	12.2	4.41	.49	.64	.79
	1630	770	47.5	13.9	3.27	.48	.63	.77	46.0	13.5	3.61	.49	.64	.79	44.0	12.9	4.00	.49	.65	.80	42.5	12.5	4.42	.50	.66	.83

RATINGS

3.5 TON

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

AIR HANDLERS

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C

COOLING CAPACITY - HS29-042 with

[CB29M-41] TXV Systems

63°F (17°C)	1200	565	36.8	10.8	3.05	.76	.88	.99	35.6	10.4	3.38	.77	.93	1.00	34.4	10.1	3.76	.78	.91	1.00	33.2	9.7	4.18	.79	.93	1.00
	1350	635	37.8	11.1	3.07	.78	.91	1.00	36.6	10.7	3.41	.79	.93	1.00	35.4	10.4	3.78	.80	.94	1.00	34.0	10.0	4.20	.82	.96	1.00
	1500	710	38.5	11.3	3.09	.80	.94	1.00	37.4	11.0	3.42	.82	.95	1.00	36.2	10.6	3.80	.83	.97	1.00	34.8	10.2	4.22	.85	.98	1.00
67°F (19°C)	1200	565	38.5	11.3	3.08	.61	.74	.86	37.2	10.9	3.42	.62	.75	.87	36.0	10.6	3.79	.63	.76	.88	34.6	10.1	4.21	.63	.77	.90
	1350	635	39.5	11.6	3.10	.63	.76	.89	38.0	11.1	3.44	.63	.77	.90	36.8	10.8	3.82	.64	.78	.91	35.4	10.4	4.24	.65	.80	.93
	1500	710	40.5	11.9	3.12	.64	.78	.91	39.0	11.4	3.46	.65	.80	.93	37.6	11.0	3.83	.66	.81	.94	36.0	10.6	4.26	.67	.83	.96
71°F (22°C)	1200	565	40.5	11.9	3.12	.48	.60	.71	39.0	11.4	3.46	.48	.60	.73	37.8	11.1	3.84	.48	.61	.74	36.4	10.7	4.26	.49	.62	.75
	1350	635	41.5	12.2	3.14	.48	.61	.74	40.0	11.7	3.48	.49	.62	.75	38.5	11.3	3.86	.49	.63	.76	37.2	10.9	4.29	.50	.64	.78
	1500	710	42.0	12.3	3.16	.49	.63	.76	41.0	12.0	3.50	.50	.64	.78	39.5	11.6	3.88	.50	.65	.79	37.8	11.1	4.30	.51	.66	.81

COOLING CAPACITY - HS29-042 with

[CB29M-46] TXV Systems

63°F (17°C)	1200	565	38.5	11.3	3.08	.77	.90	1.00	37.0	10.8	3.41	.78	.92	1.00	35.6	10.4	3.79	.79	.94	1.00	34.0	10.0	4.20	.81	.95	1.00
	1350	635	39.0	11.4	3.10	.79	.94	1.00	37.8	11.1	3.43	.81	.95	1.00	36.2	10.6	3.80	.82	.97	1.00	34.8	10.2	4.22	.84	.99	1.00
	1500	710	40.0	11.7	3.11	.82	.97	1.00	38.5	11.3	3.45	.84	.98	1.00	37.0	10.8	3.82	.85	1.00	1.00	35.6	10.4	4.24	.87	1.00	1.00
67°F (19°C)	1200	565	40.5	11.9	3.12	.61	.74	.87	39.0	11.4	3.46	.62	.76	.89	37.4	11.0	3.83	.63	.77	.91	36.0	10.6	4.25	.63	.78	.92
	1350	635	41.0	12.0	3.14	.63	.77	.91	40.0	11.7	3.48	.64	.78	.93	38.5	11.3	3.85	.65	.80	.94	36.6	10.7	4.28	.66	.82	.96
	1500	710	42.0	12.3	3.15	.65	.80	.94	40.5	11.9	3.49	.66	.81	.96	39.0	11.4	3.87	.67	.83	.98	37.4	11.0	4.29	.68	.85	.99
71°F (22°C)	1200	565	42.5	12.5	3.16	.47	.60	.72	41.0	12.0	3.50	.48	.61	.73	39.5	11.6	3.88	.48	.61	.74	37.8	11.1	4.30	.48	.62	.76
	1350	635	43.5	12.7	3.18	.48	.62	.75	42.0	12.3	3.52	.48	.63	.76	40.0	11.7	3.90	.49	.63	.78	38.5	11.3	4.32	.49	.65	.79
	1500	710	44.0	12.9	3.20	.49	.64	.78	42.5	12.5	3.54	.50	.65	.79	41.0	12.0	3.92	.50	.66	.81	39.0	11.4	4.34	.51	.67	.83

COOLING CAPACITY - HS29-042 with

[CB29M-51] TXV Systems

63°F (17°C)	1200	565	39.5	11.6	3.11	.76	.89	1.00	38.5	11.3	3.44	.77	.91	1.00	36.8	10.8	3.81	.78	.92	1.00	35.4	10.4	4.24	.80	.94	1.00
	1350	635	40.5	11.9	3.12	.78	.93	1.00	39.0	11.4	3.46	.80	.94	1.00	37.8	11.1	3.83	.81	.96	1.00	36.2	10.6	4.26	.83	.98	1.00
	1500	710	41.5	12.2	3.14	.81	.96	1.00	40.0	11.7	3.48	.82	.97	1.00	38.5	11.3	3.86	.84	.99	1.00	37.0	10.8	4.28	.86	1.00	1.00
67°F (19°C)	1200	565	42.0	12.3	3.15	.61	.74	.86	40.5	11.9	3.49	.62	.75	.88	39.0	11.4	3.86	.62	.76	.89	37.4	11.0	4.29	.63	.77	.91
	1350	635	43.0	12.6	3.17	.63	.76	.90	41.5	12.2	3.50	.63	.77	.91	39.5	11.6	3.88	.64	.79	.93	38.0	11.1	4.31	.65	.80	.95
	1500	710	43.5	12.7	3.18	.64	.79	.93	42.0	12.3	3.52	.65	.80	.95	40.5	11.9	3.90	.66	.82	.96	39.0	11.4	4.33	.67	.83	.98
71°F (22°C)	1200	565	44.0	12.9	3.19	.47	.59	.71	42.5	12.5	3.53	.47	.60	.72	41.0	12.0	3.91	.48	.61	.74	39.0	11.4	4.34	.48	.62	.75
	1350	635	45.0	13.2	3.21	.48	.61	.74	43.5	12.7	3.55	.48	.62	.75	41.5	12.2	3.93	.49	.63	.77	40.0	11.7	4.37	.49	.64	.78
	1500	710	45.5	13.3	3.23	.49	.63	.77	44.0	12.9	3.57	.49	.64	.78	42.5	12.5	3.95	.50	.65	.80	40.5	11.9	4.39	.50	.66	.81

COOLING CAPACITY - HS29-042 with

[CB30M-41] TXV Systems

63°F (17°C)	1050	495	37.4	11.0	3.06	.74	.87	.98	36.2	10.6	3.39	.75	.88	.99	34.8	10.2	3.77	.76	.90	1.00	33.2	9.7	4.18	.77	.91	1.00
	1250	590	38.5	11.3	3.09	.78	.92	1.00	37.4	11.0	3.42	.79	.93	1.00	35.8	10.5	3.79	.80	.95	1.00	34.4	10.1	4.21	.82	.97	1.00
	1450	685	39.5	11.6	3.11	.81	.96	1.00	38.5	11.3	3.44	.83	.98	1.00	36.8	10.8	3.82	.84	.99	1.00	35.4	10.4	4.24	.86	1.00	1.00
67°F (19°C)	1050	495	39.5	11.6	3.10	.59	.71	.83	38.0	11.1	3.43	.60	.72	.85	36.6	10.7	3.81	.60	.74	.86	35.2	10.3	4.23	.61	.75	.88
	1250	590	41.0	12.0	3.13	.62	.75	.89	39.5	11.6	3.46	.62	.76	.90	37.8	11.1	3.84	.63	.78	.92	36.2	10.6	4.26	.64	.79	.94
	1450	685	42.0	12.3	3.15	.64	.79	.93	40.5	11.9	3.49	.65	.80	.95	39.0	11.4	3.87	.66	.82	.97	37.2	10.9	4.29	.67	.84	.98
71°F (22°C)	1050	495	41.5	12.2	3.14	.46	.58	.69	40.0	11.7	3.48	.46	.58	.70	38.5	11.3	3.86	.46	.59	.71	37.0	10.8	4.28	.47	.60	.73
	1250	590	43.0	12.6	3.17	.47	.60	.73	41.5	12.2	3.51	.47	.61	.74	39.5	11.6	3.89	.48	.62	.76	38.0	11.1	4.31	.48	.63	.77
	1450	685	44.0	12.9	3.20	.48	.63	.77	42.5	12.5	3.53	.49	.64	.78	41.0	12.0	3.91	.49	.65	.80	39.0	11.4	4.34	.50	.66	.82

COOLING CAPACITY - HS29-042 with

[CB30M-46] [CB30U-41/46] TXV Systems

63°F (17°C)	1250	590	38.5	11.3	3.09	.77	.92	1.00	37.4	11.0	3.42	.78	.93	1.00	35.8	10.5	3.79	.80	.95	1.00	34.4	10.1	4.21	.82	.97	1.00
	1400	660	39.5	11.6	3.10	.80	.95	1.00	38.0	11.1	3.44	.82	.96	1.00	36.6	10.7	3.81	.83	.98	1.00	35.0	10.3	4.23	.85	1.00	1.00
	1550	730	40.0	11.7	3.12	.83	.98	1.00	39.0	11.4	3.45	.84	.99	1.00	37.4	11.0	3.83	.86	1.00	1.00	36.0	10.6	4.25	.88	1.00	1.00
67°F (19°C)	1250	590	41.0	12.0	3.13	.62	.75	.89	39.5	11.6	3.46	.62	.76	.90	37.8	11.1	3.84	.63	.78	.92	36.2	10.6	4.26	.64	.79	.94
	1400	660	41.5	12.2	3.15	.63	.78	.92	40.0	11.7	3.48	.64	.80	.94	38.5	11.3	3.86	.65	.81	.95	37.0	10.8	4.28	.66	.83	.97
	1550	730	42.5	12.5	3.16	.65	.81	.95	41.0	12.0	3.50	.66	.82	.97	39.0	11.4	3.88	.67	.84	.99	37.6	11.0	4.29	.68	.86	1.00
71°F (22°C)	1250	590	42.5	12.5	3.17	.47	.60	.73	41.5	12.2	3.51	.47	.61	.74	39.5	11.6	3.89	.48	.62	.76	38.0	11.1	4.31	.48	.63	.77
	1400	660	43.5	12.7	3.19	.48	.62	.76	42.0	12.3	3.53	.48	.63	.77	40.5	11.9	3.91	.49	.64	.79	39.0	11.4	4.34	.49	.65	.81
	1550	730	44.5	13.0	3.20	.49	.64	.79	43.0	12.6	3.54	.49	.65	.80	41.0	12.0	3.92	.50	.66	.82	39.5	11.6	4.35	.50	.67	.84

COOLING CAPACITY - HS29-042 with

[CB30M-51] [CB30U-51] TXV Systems

63°F (17°C)	1200	565	40.0	11.7	3.12	.76	.90	1.00	39.0	11.4	3.45	.77	.91	1.00	37.4	11.0	3.83	.78	.93	1.00	35.8	10.5	4.25	.80	.95	1.00
	1400	660	41.5	12.2	3.14	.80	.95	1.00	40.0	11.7	3.48	.81	.97	1.00	38.5	11.3	3.86	.82	.98	1.00	37.0	10.8	4.28	.84	1.00	1.00
	1600	755	42.5	12.5	3.17	.83	.99	1.00	4																	

RATINGS

3.5 TON

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

AIR HANDLERS

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
	cfm	L/s	Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - HS29-042 with [CB31MV-41] TXV Systems																										
63°F (17°C)	1265	595	39.0	11.4	3.09	.78	.92	1.00	37.4	11.0	3.42	.79	.93	1.00	36.0	10.6	3.79	.80	.95	1.00	34.4	10.1	4.21	.82	.97	1.00
	1400	660	39.5	11.6	3.10	.80	.95	1.00	38.0	11.1	3.44	.82	.97	1.00	36.6	10.7	3.81	.83	.98	1.00	35.2	10.3	4.23	.85	1.00	1.00
	1545	730	40.0	11.7	3.12	.83	.98	1.00	39.0	11.4	3.45	.85	.99	1.00	37.4	11.0	3.83	.86	1.00	1.00	36.0	10.6	4.25	.88	1.00	1.00
67°F (19°C)	1265	595	41.0	12.0	3.13	.62	.76	.89	39.5	11.6	3.46	.62	.77	.91	38.0	11.1	3.84	.63	.78	.92	36.4	10.7	4.27	.64	.80	.94
	1400	660	41.5	12.2	3.15	.63	.78	.92	40.0	11.7	3.48	.64	.80	.94	38.5	11.3	3.86	.65	.81	.96	37.0	10.8	4.28	.66	.83	.98
	1545	730	42.5	12.5	3.16	.65	.81	.95	41.0	12.0	3.50	.66	.83	.97	39.0	11.4	3.88	.67	.84	.99	37.6	11.0	4.30	.69	.86	1.00
71°F (22°C)	1265	595	43.0	12.6	3.17	.47	.60	.73	41.5	12.2	3.51	.47	.61	.74	40.0	11.7	3.89	.48	.62	.76	38.0	11.1	4.32	.48	.63	.77
	1400	660	43.5	12.7	3.19	.48	.62	.76	42.0	12.3	3.53	.49	.63	.78	40.5	11.9	3.91	.49	.64	.79	39.0	11.4	4.33	.50	.65	.81
	1545	730	44.5	13.0	3.20	.49	.64	.79	43.0	12.6	3.54	.50	.65	.80	41.0	12.0	3.92	.50	.66	.82	39.5	11.6	4.34	.51	.68	.84
COOLING CAPACITY - HS29-042 with [CB31MV-51] TXV Systems																										
63°F (17°C)	1205	570	40.5	11.9	3.12	.77	.91	1.00	39.0	11.4	3.46	.78	.92	1.00	37.6	11.0	3.83	.79	.94	1.00	36.0	10.6	4.26	.81	.96	1.00
	1425	675	41.5	12.2	3.14	.80	.95	1.00	40.0	11.7	3.48	.81	.97	1.00	38.5	11.3	3.86	.83	.98	1.00	37.2	10.9	4.28	.85	1.00	1.00
	1625	765	43.0	12.6	3.18	.85	1.00	1.00	41.5	12.2	3.52	.87	1.00	1.00	40.5	11.9	3.90	.89	1.00	1.00	39.0	11.4	4.33	.91	1.00	1.00
67°F (19°C)	1205	570	42.5	12.5	3.17	.61	.74	.87	41.0	12.0	3.50	.62	.76	.89	39.5	11.6	3.88	.63	.77	.91	38.0	11.1	4.31	.64	.79	.93
	1425	675	44.0	12.9	3.19	.63	.78	.92	42.0	12.3	3.53	.64	.79	.94	40.5	11.9	3.91	.65	.81	.96	39.0	11.4	4.33	.66	.82	.98
	1625	765	45.0	13.2	3.22	.67	.83	.98	43.5	12.7	3.56	.68	.85	.99	42.0	12.3	3.94	.69	.87	1.00	40.0	11.7	4.36	.71	.89	1.00
71°F (22°C)	1205	570	45.0	13.2	3.21	.47	.60	.72	43.0	12.6	3.55	.48	.61	.73	41.5	12.2	3.93	.48	.62	.75	40.0	11.7	4.36	.49	.63	.76
	1425	675	46.0	13.5	3.24	.47	.62	.76	44.5	13.0	3.58	.48	.63	.77	42.5	12.5	3.96	.48	.64	.79	41.0	12.0	4.39	.49	.65	.80
	1625	765	47.5	13.9	3.27	.51	.66	.81	46.0	13.5	3.61	.51	.67	.83	44.0	12.9	3.99	.52	.68	.85	42.0	12.3	4.42	.52	.70	.87
COOLING CAPACITY - HS29-042 with [CVP10-46/EC10Q4] TXV Systems																										
63°F (17°C)	1200	565	38.5	11.3	3.08	.76	.89	1.00	37.0	10.8	3.41	.77	.91	1.00	35.8	10.5	3.79	.78	.93	1.00	34.2	10.0	4.21	.80	.94	1.00
	1400	660	39.5	11.6	3.10	.79	.94	1.00	38.0	11.1	3.44	.81	.96	1.00	36.6	10.7	3.81	.82	.97	1.00	35.2	10.3	4.23	.84	.99	1.00
	1600	755	40.5	11.9	3.12	.83	.98	1.00	39.0	11.4	3.46	.84	.99	1.00	37.6	11.0	3.84	.86	1.00	1.00	36.0	10.6	4.26	.88	1.00	1.00
67°F (19°C)	1200	565	40.5	11.9	3.12	.61	.74	.86	39.0	11.4	3.46	.62	.75	.88	37.8	11.1	3.84	.62	.76	.89	36.4	10.7	4.26	.63	.77	.91
	1400	660	42.0	12.3	3.15	.63	.77	.91	40.5	11.9	3.49	.64	.78	.93	39.0	11.4	3.87	.65	.80	.95	37.2	10.9	4.29	.66	.82	.96
	1600	755	42.5	12.5	3.17	.65	.81	.95	41.0	12.0	3.50	.66	.82	.97	39.5	11.6	3.88	.67	.84	.98	38.0	11.1	4.31	.68	.86	1.00
71°F (22°C)	1200	565	43.0	12.6	3.17	.47	.59	.71	41.5	12.2	3.51	.47	.60	.73	40.0	11.7	3.89	.47	.61	.74	38.5	11.3	4.32	.48	.62	.75
	1400	660	44.0	12.9	3.20	.48	.62	.75	42.5	12.5	3.54	.48	.63	.76	41.0	12.0	3.92	.49	.64	.78	39.5	11.6	4.34	.49	.65	.79
	1600	755	45.0	13.2	3.22	.49	.64	.79	43.5	12.7	3.56	.49	.65	.80	42.0	12.3	3.94	.50	.66	.82	40.0	11.7	4.37	.50	.67	.84
COOLING CAPACITY - HS29-042 with [CVP10-51/EC10Q4] TXV Systems																										
63°F (17°C)	1200	565	38.5	11.3	3.09	.75	.89	.99	37.4	11.0	3.42	.76	.90	1.00	36.0	10.6	3.79	.78	.92	1.00	34.6	10.1	4.21	.79	.94	1.00
	1400	660	40.0	11.7	3.11	.79	.93	1.00	38.5	11.3	3.44	.80	.95	1.00	37.0	10.8	3.82	.81	.97	1.00	35.6	10.4	4.24	.83	.98	1.00
	1600	755	41.0	12.0	3.13	.82	.98	1.00	39.5	11.6	3.47	.84	.99	1.00	38.0	11.1	3.85	.85	.99	1.00	36.8	10.8	4.28	.87	1.00	1.00
67°F (19°C)	1200	565	41.0	12.0	3.13	.60	.73	.86	39.5	11.6	3.47	.61	.74	.87	38.0	11.1	3.85	.62	.75	.89	36.6	10.7	4.27	.63	.77	.91
	1400	660	42.0	12.3	3.16	.63	.77	.91	41.0	12.0	3.50	.63	.78	.92	39.0	11.4	3.87	.64	.79	.94	37.6	11.0	4.30	.65	.81	.96
	1600	755	43.0	12.6	3.18	.65	.80	.95	41.5	12.2	3.51	.65	.82	.97	40.0	11.7	3.89	.66	.83	.98	38.5	11.3	4.32	.68	.85	.99
71°F (22°C)	1200	565	43.5	12.7	3.18	.46	.59	.71	42.0	12.3	3.52	.47	.60	.72	40.5	11.9	3.91	.47	.60	.73	39.0	11.4	4.33	.48	.61	.75
	1400	660	44.5	13.0	3.21	.47	.61	.74	43.0	12.6	3.55	.48	.62	.76	41.5	12.2	3.93	.49	.63	.77	40.0	11.7	4.36	.49	.64	.79
	1600	755	45.5	13.3	3.23	.49	.64	.78	44.0	12.9	3.57	.49	.64	.79	42.5	12.5	3.95	.50	.65	.81	40.5	11.9	4.37	.50	.67	.83

RATINGS

4 TON

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

UP-FLOW INDOOR COILS

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C

COOLING CAPACITY - HS29-048 with

[C33-44C] TXV System

63°F (17°C)	1200	565	44.3	13.0	3.64	.70	.83	.94	42.3	12.4	3.89	.75	.85	.96	40.1	11.8	4.17	.73	.87	.98	38.0	11.1	4.48	.75	.89	1.00
	1400	660	45.6	13.4	3.69	.73	.87	.98	43.5	12.7	3.95	.75	.89	1.00	41.3	12.1	4.23	.77	.91	1.00	39.1	11.5	4.55	.79	.94	1.00
	1600	755	46.7	13.7	3.73	.76	.91	1.00	44.5	13.0	3.99	.78	.93	1.00	42.3	12.4	4.29	.80	.95	1.00	40.1	11.8	4.62	.82	.98	1.00
67°F (19°C)	1200	565	47.3	13.9	3.75	.56	.68	.80	45.1	13.2	4.02	.56	.69	.81	42.9	12.6	4.32	.57	.70	.83	40.5	11.9	4.65	.58	.72	.86
	1400	660	48.5	14.2	3.79	.57	.71	.84	46.2	13.5	4.07	.58	.72	.86	43.8	12.8	4.38	.59	.74	.88	41.4	12.1	4.72	.60	.76	.91
	1600	755	49.4	14.5	3.82	.59	.74	.88	47.0	13.8	4.11	.60	.76	.90	44.6	13.1	4.42	.61	.78	.93	42.2	12.4	4.77	.63	.80	.95
71°F (22°C)	1200	565	50.5	14.8	3.86	.42	.54	.65	48.2	14.1	4.16	.42	.54	.66	45.8	13.4	4.49	.43	.55	.68	43.4	12.7	4.85	.43	.56	.69
	1400	660	51.7	15.2	3.90	.43	.56	.68	49.3	14.4	4.20	.43	.56	.70	46.8	13.7	4.54	.43	.57	.72	44.3	13.0	4.91	.44	.59	.74
	1600	755	52.6	15.4	3.93	.43	.58	.72	50.2	14.7	4.24	.44	.59	.73	47.6	14.0	4.59	.44	.60	.75	45.0	13.2	4.96	.45	.61	.78

COOLING CAPACITY - HS29-048 with

[C33-48B/C] RFC and TXV System

63°F (17°C)	1400	660	46.7	13.7	3.60	.73	.86	.98	44.5	13.0	3.84	.74	.88	.99	42.3	12.4	4.11	.76	.90	1.00	40.1	11.8	4.41	.78	.93	1.00
	1600	755	47.7	14.0	3.64	.75	.90	1.00	45.5	13.3	3.88	.77	.92	1.00	43.3	12.7	4.16	.79	.94	1.00	41.1	12.0	4.47	.81	.96	1.00
	1800	850	48.6	14.2	3.67	.78	.93	1.00	46.4	13.6	3.92	.80	.95	1.00	44.2	13.0	4.20	.82	.97	1.00	41.9	12.3	4.53	.84	.99	1.00
67°F (19°C)	1400	660	49.7	14.6	3.70	.57	.70	.83	47.4	13.9	3.96	.58	.71	.85	45.1	13.2	4.25	.59	.73	.87	42.7	12.5	4.57	.60	.75	.90
	1600	755	50.7	14.9	3.73	.58	.73	.87	48.3	14.2	3.99	.59	.75	.89	45.8	13.4	4.29	.60	.77	.91	43.4	12.7	4.62	.62	.79	.94
	1800	850	51.4	15.1	3.76	.60	.76	.90	49.0	14.4	4.02	.61	.78	.93	46.5	13.6	4.33	.62	.80	.95	44.0	12.9	4.66	.64	.82	.97
71°F (22°C)	1400	660	53.1	15.6	3.81	.43	.55	.67	50.6	14.8	4.09	.43	.56	.69	48.2	14.1	4.41	.43	.57	.71	45.6	13.4	4.76	.44	.58	.73
	1600	755	54.0	15.8	3.84	.43	.57	.71	51.5	15.1	4.13	.43	.58	.72	48.9	14.3	4.45	.44	.59	.74	46.3	13.6	4.81	.44	.60	.76
	1800	850	54.7	16.0	3.86	.44	.59	.74	52.2	15.3	4.15	.44	.60	.75	49.5	14.5	4.48	.45	.61	.78	46.9	13.7	4.84	.45	.63	.80

COOLING CAPACITY - HS29-048 with

[C33-50/60C] TXV System

63°F (17°C)	1400	660	46.4	13.6	3.74	.73	.87	.98	44.1	12.9	4.00	.75	.89	1.00	41.9	12.3	4.30	.76	.91	1.00	39.6	11.6	4.62	.78	.94	1.00
	1600	755	47.5	13.9	3.78	.76	.91	1.00	45.2	13.2	4.05	.78	.93	1.00	42.9	12.6	4.35	.80	.95	1.00	40.6	11.9	4.69	.82	.98	1.00
	1800	850	48.5	14.2	3.81	.79	.95	1.00	46.2	13.5	4.09	.81	.97	1.00	43.9	12.9	4.41	.83	.99	1.00	41.7	12.2	4.77	.86	1.00	1.00
67°F (19°C)	1400	660	49.4	14.5	3.84	.57	.70	.83	47.0	13.8	4.13	.58	.72	.86	44.6	13.1	4.45	.59	.74	.88	42.1	12.3	4.80	.60	.76	.90
	1600	755	50.3	14.7	3.88	.59	.74	.88	47.9	14.0	4.17	.60	.75	.90	45.4	13.3	4.49	.61	.77	.92	42.9	12.6	4.85	.62	.80	.95
	1800	850	51.1	15.0	3.90	.61	.77	.92	48.6	14.2	4.20	.62	.79	.94	46.1	13.5	4.53	.63	.81	.96	43.5	12.7	4.90	.65	.84	.99
71°F (22°C)	1400	660	52.7	15.4	3.96	.43	.55	.68	50.2	14.7	4.27	.43	.56	.69	47.6	14.0	4.62	.43	.57	.71	45.0	13.2	5.00	.44	.59	.73
	1600	755	53.6	15.7	3.99	.43	.57	.71	51.1	15.0	4.31	.44	.58	.73	48.5	14.2	4.66	.44	.60	.75	45.8	13.4	5.06	.45	.61	.77
	1800	850	54.4	15.9	4.01	.44	.59	.75	51.8	15.2	4.34	.44	.61	.77	49.1	14.4	4.70	.45	.62	.79	46.3	13.6	5.10	.46	.64	.81

COOLING CAPACITY - HS29-048 with

[C33-60D] RFC and TXV System

63°F (17°C)	1400	660	45.8	13.4	3.66	.72	.86	.98	43.7	12.8	3.91	.74	.88	.99	41.5	12.2	4.19	.76	.90	1.00	39.2	11.5	4.50	.78	.93	1.00
	1600	755	46.9	13.7	3.70	.75	.90	1.00	44.7	13.1	3.95	.77	.92	1.00	42.4	12.4	4.24	.79	.94	1.00	40.2	11.8	4.56	.81	.96	1.00
	1800	850	47.8	14.0	3.73	.78	.93	1.00	45.6	13.4	3.99	.80	.95	1.00	43.3	12.7	4.29	.82	.97	1.00	41.1	12.0	4.63	.84	.99	1.00
67°F (19°C)	1400	660	48.9	14.3	3.77	.57	.70	.83	46.6	13.7	4.04	.57	.71	.85	44.2	13.0	4.34	.58	.73	.87	41.8	12.3	4.67	.60	.75	.89
	1600	755	49.8	14.6	3.80	.58	.73	.87	47.4	13.9	4.07	.59	.74	.89	45.0	13.2	4.38	.60	.76	.91	42.5	12.5	4.72	.62	.79	.94
	1800	850	50.6	14.8	3.82	.60	.76	.90	48.1	14.1	4.10	.61	.78	.93	45.6	13.4	4.42	.62	.80	.95	43.1	12.6	4.77	.64	.82	.97
71°F (22°C)	1400	660	52.2	15.3	3.88	.43	.55	.67	49.8	14.6	4.17	.43	.56	.69	47.3	13.9	4.51	.43	.57	.70	44.8	13.1	4.87	.44	.58	.72
	1600	755	53.1	15.6	3.91	.43	.57	.70	50.6	14.8	4.21	.43	.58	.72	48.1	14.1	4.55	.44	.59	.74	45.5	13.3	4.92	.44	.60	.76
	1800	850	53.8	15.8	3.93	.44	.59	.73	51.3	15.0	4.24	.44	.60	.75	48.7	14.3	4.58	.45	.61	.77	46.0	13.5	4.96	.45	.63	.80

COOLING CAPACITY - HS29-048 with

[C33-62D] TXV System

63°F (17°C)	1400	660	48.3	14.2	3.76	.72	.86	.98	46.0	13.5	4.03	.74	.88	1.00	43.6	12.8	4.33	.76	.91	1.00	41.2	12.1	4.66	.78	.93	1.00
	1600	755	49.5	14.5	3.80	.76	.90	1.00	47.0	13.8	4.08	.77	.93	1.00	44.6	13.1	4.39	.79	.95	1.00	42.2	12.4	4.73	.82	.97	1.00
	1800	850	50.5	14.8	3.84	.79	.94	1.00	48.0	14.1	4.12	.81	.96	1.00	45.6	13.4	4.44	.83	.98	1.00	43.2	12.7	4.80	.85	1.00	1.00
67°F (19°C)	1400	660	51.5	15.1	3.88	.57	.70	.83	49.0	14.4	4.16	.58	.71	.85	46.5	13.6	4.49	.59	.73	.87	43.9	12.9	4.85	.60	.75	.90
	1600	755	52.6	15.4	3.91	.59	.73	.87	50.0	14.7	4.21	.60	.75	.89	47.3	13.9	4.54	.61	.77	.92	44.7	13.1	4.90	.62	.79	.94
	1800	850	53.4	15.6	3.94	.60	.76	.91	50.8	14.9	4.24	.61	.78	.93	48.1	14.1	4.58	.63	.80	.96	45.4	13.3	4.95	.64	.83	.98
71°F (22°C)	1400	660	55.0	16.1	3.99	.43	.55	.67	52.4	15.4	4.31	.43	.56	.69	49.7	14.6	4.67	.43	.57	.71	47.0	13.8	5.06	.44	.58	.73
	1600	755	56.1	16.4	4.03	.43	.57	.71	53.4	15.6	4.35	.44	.58	.72	50.6	14.8	4.72	.44	.59	.74	47.8	14.0	5.12	.44	.61	.77
	1800	850	56.9	16.7	4.05	.44	.59	.74	54.1	15.9	4.39	.44	.60	.76	51.3	15.0	4.76	.45	.61	.78	48.4	14.2	5.16	.45	.63	.80

DOWN-FLOW INDOOR COILS

COOLING CAPACITY - HS29-048 with

[CR33-48B/C-F] RFC and TXV System

63°F (17°C)	1400	660	46.4	13.6	3.74	.73	.87	.98	44.1	12.9	4.00	.75	.89	1.00	41.9	12.3	4.30	.76	.91	1.00	39.6	11.6	4.62	.78	.94	1.00
	1600	755	47.5	13.9	3.78	.76	.91	1.00	45.2	13.2	4.05	.78	.93	1.00	42.9	12.6	4.35	.80	.95	1.00	40.6	11.9	4.69	.82	.98	1.00
	1800																									

RATINGS

4 TON

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

DOWN-FLOW INDOOR COILS

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																																																																												
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)																																																										
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb																																																							
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C																																																					
COOLING CAPACITY - HS29-048 with [CR33-50/60C-F] [CR33-60D-F] RFC and TXV System																																																																															
63°F (17°C)	1400	660	46.9	13.7	3.73	.73	.86	.98	44.6	13.1	3.99	.74	.88	1.00	42.4	12.4	4.28	.76	.91	1.00	40.1	11.8	4.60	.78	.93	1.00	1600	755	48.0	14.1	3.77	.76	.90	1.00	45.7	13.4	4.03	.77	.93	1.00	43.4	12.7	4.34	.79	.95	1.00	41.1	12.0	4.67	.82	.97	1.00	1800	850	49.0	14.4	3.80	.79	.94	1.00	46.6	13.7	4.07	.81	.96	1.00	44.3	13.0	4.39	.83	.98	1.00	42.0	12.3	4.74	.85	1.00	1.00	
	67°F (19°C)	1400	660	50.0	14.7	3.83	.57	.70	.83	47.6	14.0	4.12	.58	.72	.85	45.1	13.2	4.43	.59	.73	.87	42.6	12.5	4.78	.60	.75	.90	1600	755	51.0	14.9	3.87	.59	.73	.87	48.5	14.2	4.16	.60	.75	.89	45.9	13.5	4.48	.61	.77	.92	43.4	12.7	4.84	.62	.79	.94	1800	850	51.7	15.2	3.89	.60	.76	.91	49.2	14.4	4.19	.62	.78	.93	46.6	13.7	4.52	.63	.80	.96	44.0	12.9	4.88	.64	.83	.98
		71°F (22°C)	1400	660	53.3	15.6	3.95	.43	.55	.68	50.9	14.9	4.26	.43	.56	.69	48.3	14.2	4.61	.43	.57	.71	45.6	13.4	4.99	.44	.58	.73	1600	755	54.3	15.9	3.98	.43	.57	.71	51.7	15.2	4.30	.44	.58	.73	49.1	14.4	4.65	.44	.59	.75	46.4	13.6	5.04	.45	.61	.77	1800	850	55.1	16.1	4.01	.44	.59	.74	52.4	15.4	4.33	.44	.60	.76	49.7	14.6	4.69	.45	.62	.78	47.0	13.8	5.08	.45	.63

HORIZONTAL INDOOR COILS

COOLING CAPACITY - HS29-048 with [CH33-44/48B-2F] [CH23-51] TXV and RFC System [CH33-48C-2F] RFC System																																																																															
63°F (17°C)	1400	660	46.2	13.5	3.66	.74	.87	.98	44.0	12.9	3.91	.75	.89	1.00	41.8	12.3	4.19	.77	.92	1.00	39.6	11.6	4.50	.79	.94	1.00	1600	755	47.2	13.8	3.69	.77	.91	1.00	45.0	13.2	3.95	.78	.93	1.00	42.8	12.5	4.24	.80	.96	1.00	40.6	11.9	4.56	.83	.98	1.00	1800	850	48.2	14.1	3.72	.80	.95	1.00	45.9	13.5	3.99	.82	.97	1.00	43.7	12.8	4.29	.84	.99	1.00	41.6	12.2	4.63	.86	1.00	1.00	
	67°F (19°C)	1400	660	49.0	14.4	3.75	.57	.71	.84	46.7	13.7	4.02	.58	.73	.86	44.3	13.0	4.32	.59	.74	.88	41.9	12.3	4.66	.60	.76	.91	1600	755	49.9	14.6	3.79	.59	.74	.88	47.5	13.9	4.06	.60	.76	.90	45.1	13.2	4.37	.61	.78	.93	42.7	12.5	4.71	.63	.80	.95	1800	850	50.7	14.9	3.81	.61	.78	.92	48.2	14.1	4.09	.62	.79	.94	45.8	13.4	4.40	.64	.82	.96	43.3	12.7	4.75	.65	.84	.98
		71°F (22°C)	1400	660	52.2	15.3	3.86	.43	.56	.69	49.8	14.6	4.15	.43	.57	.70	47.3	13.9	4.48	.43	.58	.72	44.8	13.1	4.85	.44	.59	.74	1600	755	53.1	15.6	3.89	.43	.58	.72	50.6	14.8	4.19	.44	.59	.74	48.1	14.1	4.53	.44	.60	.76	45.5	13.3	4.89	.45	.61	.78	1800	850	53.8	15.8	3.92	.44	.60	.75	51.3	15.0	4.22	.45	.61	.77	48.7	14.3	4.56	.45	.62	.79	46.0	13.5	4.93	.46	.64

COOLING CAPACITY - HS29-048 with [CH33-50/60C-2F] TXV System [CH33-60D-2F] RFC System [CH33-65] TXV and RFC System																																																																															
63°F (17°C)	1400	660	46.6	13.7	3.70	.73	.87	.98	44.3	13.0	3.96	.75	.89	1.00	42.1	12.3	4.25	.77	.91	1.00	39.8	11.7	4.57	.79	.94	1.00	1600	755	47.6	14.0	3.74	.76	.91	1.00	45.4	13.3	4.00	.78	.93	1.00	43.1	12.6	4.30	.80	.95	1.00	40.9	12.0	4.64	.82	.98	1.00	1800	850	48.6	14.2	3.77	.80	.95	1.00	46.3	13.6	4.05	.81	.97	1.00	44.1	12.9	4.36	.84	.99	1.00	41.9	12.3	4.71	.86	1.00	1.00	
	67°F (19°C)	1400	660	49.5	14.5	3.80	.57	.71	.84	47.1	13.8	4.08	.58	.73	.86	44.7	13.1	4.39	.59	.74	.88	42.3	12.4	4.74	.60	.76	.91	1600	755	50.5	14.8	3.84	.59	.74	.88	48.0	14.1	4.12	.60	.76	.90	45.5	13.3	4.44	.61	.78	.93	43.0	12.6	4.79	.63	.80	.95	1800	850	51.2	15.0	3.86	.61	.77	.92	48.7	14.3	4.15	.62	.79	.94	46.2	13.5	4.48	.63	.81	.96	43.7	12.8	4.83	.65	.84	.98
		71°F (22°C)	1400	660	52.8	15.5	3.92	.43	.55	.68	50.3	14.7	4.22	.43	.56	.70	47.8	14.0	4.56	.43	.57	.71	45.2	13.2	4.94	.44	.59	.73	1600	755	53.7	15.7	3.95	.43	.58	.72	51.2	15.0	4.26	.44	.59	.73	48.6	14.2	4.60	.44	.60	.76	45.9	13.5	4.99	.45	.61	.78	1800	850	54.4	15.9	3.97	.44	.60	.75	51.9	15.2	4.29	.45	.61	.77	49.2	14.4	4.64	.45	.62	.79	46.5	13.6	5.02	.46	.64

COOLING CAPACITY - HS29-048 with [CH33-62D-2F] [CH23-68] TXV System																																																																															
63°F (17°C)	1400	660	48.3	14.2	3.76	.72	.86	.98	46.0	13.5	4.03	.74	.88	1.00	43.6	12.8	4.33	.76	.91	1.00	41.2	12.1	4.66	.78	.93	1.00	1600	755	49.5	14.5	3.80	.76	.90	1.00	47.0	13.8	4.08	.77	.93	1.00	44.6	13.1	4.39	.79	.95	1.00	42.2	12.4	4.73	.82	.97	1.00	1800	850	50.5	14.8	3.84	.79	.94	1.00	48.0	14.1	4.12	.81	.96	1.00	45.6	13.4	4.44	.83	.98	1.00	43.2	12.7	4.80	.85	1.00	1.00	
	67°F (19°C)	1400	660	51.5	15.1	3.88	.57	.70	.83	49.0	14.4	4.16	.58	.71	.85	46.5	13.6	4.49	.59	.73	.87	43.9	12.9	4.85	.60	.75	.90	1600	755	52.6	15.4	3.91	.59	.73	.87	50.0	14.7	4.21	.60	.75	.89	47.3	13.9	4.54	.61	.77	.92	44.7	13.1	4.90	.62	.79	.94	1800	850	53.4	15.6	3.94	.60	.76	.91	50.8	14.9	4.24	.61	.78	.93	48.1	14.1	4.58	.63	.80	.96	45.4	13.3	4.95	.64	.83	.98
		71°F (22°C)	1400	660	55.0	16.1	3.99	.43	.55	.67	52.4	15.4	4.31	.43	.56	.69	49.7	14.6	4.67	.43	.57	.71	47.0	13.8	5.06	.44	.58	.73	1600	755	56.1	16.4	4.03	.43	.57	.71	53.4	15.6	4.35	.44	.58	.72	50.6	14.8	4.72	.44	.59	.74	47.8	14.0	5.12	.44	.61	.77	1800	850	56.9	16.7	4.05	.44	.59	.74	54.1	15.9	4.39	.44	.60	.76	51.3	15.0	4.76	.45	.61	.78	48.4	14.2	5.16	.45	.63

RATINGS

4 TON

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

AIR HANDLERS

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C

COOLING CAPACITY - HS29-048 with

[CB29M-51] TXV System

63°F (17°C)	1300	615	45.4	13.3	3.66	.72	.85	.96	43.2	12.7	3.91	.73	.87	.98	41.1	12.0	4.19	.74	.89	.99	38.9	11.4	4.49	.76	.91	1.00
	1450	685	46.3	13.6	3.69	.74	.88	.99	44.0	12.9	3.94	.75	.90	1.00	41.8	12.3	4.23	.77	.92	1.00	39.6	11.6	4.55	.79	.94	1.00
	1600	755	47.0	13.8	3.72	.76	.91	1.00	44.8	13.1	3.98	.78	.93	1.00	42.6	12.5	4.27	.80	.95	1.00	40.3	11.8	4.59	.82	.97	1.00
67°F (19°C)	1300	615	48.4	14.2	3.76	.56	.69	.81	46.1	13.5	4.03	.57	.70	.83	43.8	12.8	4.34	.58	.72	.85	41.4	12.1	4.67	.59	.74	.88
	1450	685	49.2	14.4	3.79	.57	.71	.84	46.8	13.7	4.06	.58	.73	.87	44.5	13.0	4.37	.59	.74	.89	42.0	12.3	4.71	.60	.77	.91
	1600	755	49.8	14.6	3.82	.59	.73	.87	47.5	13.9	4.09	.60	.75	.90	45.0	13.2	4.40	.61	.77	.92	42.5	12.5	4.75	.62	.79	.94
71°F (22°C)	1300	615	51.6	15.1	3.88	.42	.54	.66	49.2	14.4	4.17	.43	.55	.68	46.8	13.7	4.50	.43	.56	.69	44.3	13.0	4.87	.43	.57	.71
	1450	685	52.4	15.4	3.90	.43	.56	.69	50.0	14.7	4.20	.43	.57	.70	47.5	13.9	4.54	.43	.58	.72	45.0	13.2	4.91	.44	.59	.74
	1600	755	53.1	15.6	3.92	.43	.57	.71	50.6	14.8	4.23	.44	.58	.73	48.1	14.1	4.57	.44	.59	.75	45.5	13.3	4.94	.45	.61	.77

COOLING CAPACITY - HS29-048 with

[CB29M-65] TXV System

63°F (17°C)	1400	660	46.2	13.5	3.67	.73	.87	.98	44.1	12.9	3.92	.74	.89	.99	41.9	12.3	4.20	.76	.91	1.00	39.6	11.6	4.51	.78	.93	1.00
	1600	755	47.3	13.9	3.70	.76	.91	1.00	45.1	13.2	3.96	.78	.93	1.00	42.8	12.5	4.25	.80	.95	1.00	40.6	11.9	4.58	.82	.97	1.00
	1800	850	48.2	14.1	3.73	.79	.94	1.00	46.0	13.5	4.00	.81	.96	1.00	43.7	12.8	4.30	.83	.98	1.00	41.5	12.2	4.64	.85	1.00	1.00
67°F (19°C)	1400	660	49.2	14.4	3.77	.57	.70	.83	46.9	13.7	4.04	.58	.72	.85	44.5	13.0	4.34	.59	.74	.88	42.1	12.3	4.68	.60	.76	.90
	1600	755	50.1	14.7	3.80	.59	.73	.87	47.8	14.0	4.08	.60	.75	.90	45.3	13.3	4.39	.61	.77	.92	42.8	12.5	4.73	.62	.79	.94
	1800	850	50.9	14.9	3.82	.60	.77	.91	48.4	14.2	4.11	.62	.78	.93	45.9	13.5	4.42	.63	.81	.96	43.4	12.7	4.77	.64	.83	.98
71°F (22°C)	1400	660	52.5	15.4	3.88	.43	.55	.68	50.1	14.7	4.17	.43	.56	.69	47.6	14.0	4.51	.43	.57	.71	45.0	13.2	4.88	.44	.58	.73
	1600	755	53.4	15.6	3.91	.43	.57	.71	50.9	14.9	4.21	.44	.58	.73	48.4	14.2	4.55	.44	.59	.75	45.8	13.4	4.92	.45	.61	.77
	1800	850	54.1	15.9	3.93	.44	.59	.74	51.6	15.1	4.24	.44	.60	.76	48.9	14.3	4.58	.45	.62	.78	46.3	13.6	4.96	.45	.63	.81

COOLING CAPACITY - HS29-048 with

[CB30M-41] TXV System

63°F (17°C)	1050	495	42.6	12.5	3.53	.68	.80	.90	40.6	11.9	3.76	.69	.81	.92	38.6	11.3	4.02	.70	.83	.94	36.6	10.7	4.31	.72	.85	.97
	1250	590	44.1	12.9	3.58	.71	.84	.95	42.0	12.3	3.82	.72	.86	.97	39.9	11.7	4.09	.74	.88	.99	37.8	11.1	4.40	.75	.90	1.00
	1450	685	45.3	13.3	3.62	.74	.88	.99	43.1	12.6	3.87	.75	.90	1.00	41.0	12.0	4.15	.77	.92	1.00	38.8	11.4	4.46	.79	.94	1.00
67°F (19°C)	1050	495	45.6	13.4	3.64	.54	.65	.76	43.5	12.7	3.89	.55	.66	.78	41.4	12.1	4.17	.55	.67	.79	39.2	11.5	4.49	.56	.69	.81
	1250	590	47.1	13.8	3.68	.56	.68	.80	44.9	13.2	3.95	.56	.69	.82	42.6	12.5	4.24	.57	.71	.84	40.3	11.8	4.56	.58	.73	.86
	1450	685	48.1	14.1	3.72	.57	.71	.84	45.9	13.5	3.99	.58	.73	.87	43.5	12.7	4.29	.59	.74	.89	41.1	12.0	4.62	.60	.77	.91
71°F (22°C)	1050	495	48.8	14.3	3.75	.42	.52	.62	46.6	13.7	4.02	.42	.53	.64	44.3	13.0	4.34	.42	.54	.65	42.0	12.3	4.68	.42	.54	.66
	1250	590	50.2	14.7	3.79	.42	.54	.66	48.0	14.1	4.08	.42	.55	.67	45.6	13.4	4.40	.43	.56	.68	43.2	12.7	4.76	.43	.57	.70
	1450	685	51.3	15.0	3.83	.43	.56	.69	49.0	14.4	4.12	.43	.57	.70	46.5	13.6	4.45	.43	.58	.72	44.0	12.9	4.82	.44	.59	.74

COOLING CAPACITY - HS29-048 with

[CB30M-46] [CB30U-41/46] TXV System

63°F (17°C)	1250	590	44.9	13.2	3.60	.71	.84	.95	42.7	12.5	3.84	.72	.86	.97	40.6	11.9	4.11	.74	.88	.99	38.4	11.3	4.42	.75	.90	1.00
	1400	660	45.8	13.4	3.63	.73	.87	.98	43.6	12.8	3.88	.74	.89	.99	41.4	12.1	4.16	.76	.91	1.00	39.2	11.5	4.47	.78	.93	1.00
	1550	730	46.6	13.7	3.66	.75	.90	1.00	44.4	13.0	3.91	.77	.92	1.00	42.2	12.4	4.20	.79	.94	1.00	39.9	11.7	4.52	.81	.96	1.00
67°F (19°C)	1250	590	47.9	14.0	3.70	.56	.68	.80	45.6	13.4	3.96	.56	.69	.82	43.3	12.7	4.26	.57	.71	.84	41.0	12.0	4.59	.58	.73	.86
	1400	660	48.7	14.3	3.73	.57	.70	.83	46.4	13.6	4.00	.58	.72	.85	44.0	12.9	4.30	.59	.74	.88	41.6	12.2	4.63	.60	.76	.90
	1550	730	49.4	14.5	3.76	.58	.73	.86	47.1	13.8	4.03	.59	.74	.89	44.6	13.1	4.33	.60	.76	.91	42.2	12.4	4.67	.62	.78	.93
71°F (22°C)	1250	590	51.1	15.0	3.81	.42	.54	.66	48.8	14.3	4.10	.42	.55	.67	46.4	13.6	4.43	.43	.56	.68	43.9	12.9	4.78	.43	.57	.70
	1400	660	51.9	15.2	3.84	.43	.55	.68	49.6	14.5	4.13	.43	.56	.69	47.1	13.8	4.46	.43	.57	.71	44.6	13.1	4.83	.44	.58	.73
	1550	730	52.6	15.4	3.86	.43	.57	.70	50.2	14.7	4.16	.43	.58	.72	47.7	14.0	4.50	.44	.59	.74	45.1	13.2	4.86	.44	.60	.76

COOLING CAPACITY - HS29-048 with

[CB30M-51] [CB30U-51] TXV System

63°F (17°C)	1400	660	46.0	13.5	3.66	.73	.86	.98	43.8	12.8	3.91	.74	.88	1.00	41.5	12.2	4.20	.76	.91	1.00	39.2	11.5	4.53	.78	.93	1.00
	1600	755	47.1	13.8	3.70	.76	.90	1.00	44.8	13.1	3.96	.77	.93	1.00	42.5	12.5	4.26	.79	.95	1.00	40.2	11.8	4.59	.82	.97	1.00
	1800	850	48.0	14.1	3.73	.79	.94	1.00	45.7	13.4	4.00	.81	.96	1.00	43.4	12.7	4.31	.83	.98	1.00	41.2	12.1	4.66	.85	1.00	1.00
67°F (19°C)	1400	660	49.0	14.4	3.76	.57	.70	.83	46.7	13.7	4.05	.58	.71	.85	44.2	13.0	4.36	.59	.73	.87	41.8	12.3	4.70	.60	.75	.90
	1600	755	50.0	14.7	3.80	.59	.73	.87	47.5	13.9	4.08	.60	.75	.89	45.1	13.2	4.41	.61	.77	.92	42.5	12.5	4.76	.62	.79	.94
	1800	850	50.8	14.9	3.82	.60	.76	.91	48.3	14.2	4.12	.62	.78	.93	45.7	13.4	4.44	.63	.80	.96	43.2	12.7	4.80	.64	.83	.98
71°F (22°C)	1400	660	52.3	15.3	3.88	.43	.55	.67	49.9	14.6	4.19	.43	.56	.69	47.3	13.9	4.53	.43	.57	.71	44.8	13.1	4.91	.44	.58	.73
	1600	755	53.3	15.6	3.91	.43	.57	.71	50.8	14.9	4.22	.44	.58	.72	48.1	14.1	4.58	.44	.59	.74	45.5	13.3	4.96	.45	.61	.77
	1800	850	54.1	15.9	3.94	.44	.59	.74	51.5	15.1	4.26	.44	.60	.76	48.8	14.3	4.61	.45	.62	.78	46.1	13.5	5.00	.45	.63	.80

COOLING CAPACITY - HS29-048 with

[CB30M-65] [CB30U-65] TXV System

63°F (17°C)	1400	660	46.5	13.6	3.72	.73	.86	.98	44.3	13.0	3.98	.74	.88	1.00	42.0	12.3	4.28	.76	.91	1.00	39.7	11.6	4.61	.78	.93	1.00
	1600	755	47.6	14.0	3.76	.76	.90	1.00	45.3	13.3	4.03	.77	.93	1.00	43.0	12.6	4.34	.79	.95	1.00	40.7	11.9	4.67	.82	.97	1.00
	1800	850	48.6	14.2	3.79	.79	.94	1.00</																		

RATINGS

4 TON

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

AIR HANDLERS

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C

COOLING CAPACITY - HS29-048 with

[CB31MV-41] TXV System

63°F (17°C)	1265	595	43.3	12.7	3.55	.71	.84	.95	41.3	12.1	3.79	.72	.86	.97	39.2	11.5	4.06	.74	.88	.99	37.1	10.9	4.36	.75	.90	1.00
	1400	660	44.2	13.0	3.58	.73	.87	.98	42.1	12.3	3.83	.74	.89	.99	40.0	11.7	4.10	.76	.91	1.00	37.8	11.1	4.41	.78	.93	1.00
	1545	730	44.9	13.2	3.61	.75	.90	1.00	42.8	12.5	3.86	.77	.92	1.00	40.7	11.9	4.14	.79	.94	1.00	38.5	11.3	4.45	.81	.96	1.00
67°F (19°C)	1265	595	46.3	13.6	3.65	.56	.68	.80	44.1	12.9	3.91	.57	.69	.82	41.9	12.3	4.20	.57	.71	.84	39.6	11.6	4.53	.58	.73	.87
	1400	660	47.0	13.8	3.68	.57	.70	.83	44.8	13.1	3.94	.58	.72	.85	42.5	12.5	4.24	.59	.74	.88	40.2	11.8	4.57	.60	.76	.90
	1545	730	47.7	14.0	3.70	.58	.73	.86	45.4	13.3	3.97	.59	.74	.89	43.1	12.6	4.27	.60	.76	.91	40.7	11.9	4.61	.62	.78	.93
71°F (22°C)	1265	595	49.4	14.5	3.76	.42	.54	.66	47.1	13.8	4.05	.43	.55	.67	44.8	13.1	4.37	.43	.56	.68	42.4	12.4	4.72	.43	.57	.70
	1400	660	50.1	14.7	3.79	.43	.55	.68	47.8	14.0	4.08	.43	.56	.69	45.4	13.3	4.40	.43	.57	.71	43.0	12.6	4.76	.44	.58	.73
	1545	730	50.8	14.9	3.81	.43	.57	.70	48.4	14.2	4.10	.43	.58	.72	46.0	13.5	4.43	.44	.59	.74	43.5	12.7	4.80	.44	.60	.76

COOLING CAPACITY - HS29-048 with

[CB31MV-51] TXV System

63°F (17°C)	1425	675	46.0	13.5	3.66	.73	.87	.99	43.8	12.8	3.92	.75	.89	1.00	41.5	12.2	4.22	.77	.92	1.00	39.2	11.5	4.54	.79	.94	1.00
	1625	765	46.9	13.7	3.70	.76	.91	1.00	44.7	13.1	3.96	.78	.93	1.00	42.4	12.4	4.26	.80	.95	1.00	40.1	11.8	4.60	.82	.98	1.00
	1805	850	47.8	14.0	3.73	.79	.94	1.00	45.5	13.3	4.00	.81	.96	1.00	43.2	12.7	4.31	.83	.98	1.00	41.0	12.0	4.66	.85	1.00	1.00
67°F (19°C)	1425	675	49.0	14.4	3.77	.57	.71	.84	46.6	13.7	4.05	.58	.72	.86	44.2	13.0	4.37	.59	.74	.88	41.7	12.2	4.71	.60	.76	.91
	1625	765	49.9	14.6	3.80	.59	.74	.88	47.4	13.9	4.09	.60	.75	.90	44.9	13.2	4.41	.61	.77	.92	42.4	12.4	4.76	.62	.80	.95
	1805	850	50.5	14.8	3.82	.60	.76	.91	48.0	14.1	4.11	.62	.78	.93	45.5	13.3	4.44	.63	.81	.96	43.0	12.6	4.80	.64	.83	.98
71°F (22°C)	1425	675	52.3	15.3	3.88	.43	.55	.68	49.8	14.6	4.19	.43	.56	.70	47.3	13.9	4.54	.43	.57	.72	44.7	13.1	4.92	.44	.59	.74
	1625	765	53.1	15.6	3.91	.43	.57	.71	50.6	14.8	4.23	.44	.58	.73	48.0	14.1	4.58	.44	.60	.75	45.3	13.3	4.96	.45	.61	.77
	1805	850	53.8	15.8	3.93	.44	.59	.74	51.2	15.0	4.25	.44	.60	.76	48.5	14.2	4.61	.45	.62	.78	45.8	13.4	5.00	.45	.63	.81

COOLING CAPACITY - HS29-048 with

[CB31MV-65] TXV System

63°F (17°C)	1425	675	47.0	13.8	3.74	.73	.87	.99	44.7	13.1	4.01	.75	.89	1.00	42.4	12.4	4.30	.77	.92	1.00	40.1	11.8	4.63	.79	.94	1.00
	1625	765	47.9	14.0	3.77	.76	.91	1.00	45.6	13.4	4.05	.78	.93	1.00	43.3	12.7	4.35	.80	.95	1.00	41.0	12.0	4.69	.82	.98	1.00
	1805	850	48.8	14.3	3.80	.79	.94	1.00	46.4	13.6	4.08	.81	.96	1.00	44.1	12.9	4.40	.83	.98	1.00	41.8	12.3	4.76	.85	1.00	1.00
67°F (19°C)	1425	675	50.0	14.7	3.85	.57	.71	.84	47.6	14.0	4.13	.58	.72	.86	45.1	13.2	4.46	.59	.74	.88	42.6	12.5	4.81	.60	.76	.91
	1625	765	50.9	14.9	3.88	.59	.74	.88	48.4	14.2	4.17	.60	.75	.90	45.9	13.5	4.50	.61	.77	.92	43.3	12.7	4.86	.62	.80	.95
	1805	850	51.6	15.1	3.90	.60	.76	.91	49.0	14.4	4.20	.62	.78	.93	46.5	13.6	4.53	.63	.81	.96	43.9	12.9	4.90	.64	.83	.98
71°F (22°C)	1425	675	53.4	15.6	3.96	.43	.55	.68	50.9	14.9	4.28	.43	.56	.70	48.3	14.2	4.63	.43	.57	.72	45.6	13.4	5.02	.44	.59	.74
	1625	765	54.2	15.9	3.99	.43	.57	.71	51.7	15.2	4.31	.44	.58	.73	49.0	14.4	4.67	.44	.60	.75	46.3	13.6	5.07	.45	.61	.77
	1805	850	54.9	16.1	4.01	.44	.59	.74	52.3	15.3	4.34	.44	.60	.76	49.6	14.5	4.71	.45	.62	.78	46.8	13.7	5.11	.45	.63	.81

COOLING CAPACITY - HS29-048 with

[CVP10-51/EC10Q4] TXV System

63°F (17°C)	1400	660	44.9	13.2	3.71	.73	.86	.98	42.7	12.5	3.96	.74	.88	.99	40.5	11.9	4.26	.76	.90	1.00	38.3	11.2	4.57	.78	.93	1.00
	1600	755	46.0	13.5	3.75	.76	.90	1.00	43.8	12.8	4.01	.77	.92	1.00	41.5	12.2	4.31	.79	.95	1.00	39.3	11.5	4.64	.81	.97	1.00
	1800	850	46.9	13.7	3.78	.79	.94	1.00	44.7	13.1	4.05	.80	.96	1.00	42.5	12.5	4.36	.83	.98	1.00	40.3	11.8	4.71	.85	1.00	1.00
67°F (19°C)	1400	660	47.8	14.0	3.82	.57	.70	.83	45.6	13.4	4.09	.58	.71	.85	43.2	12.7	4.41	.59	.73	.87	40.8	12.0	4.75	.60	.75	.90
	1600	755	48.8	14.3	3.85	.58	.73	.87	46.5	13.6	4.14	.59	.75	.89	44.0	12.9	4.46	.61	.77	.92	41.6	12.2	4.81	.62	.79	.94
	1800	850	49.6	14.5	3.88	.60	.76	.91	47.2	13.8	4.17	.61	.78	.93	44.7	13.1	4.49	.63	.80	.95	42.2	12.4	4.85	.64	.83	.98
71°F (22°C)	1400	660	51.1	15.0	3.93	.43	.55	.67	48.7	14.3	4.23	.43	.56	.69	46.2	13.5	4.58	.43	.57	.71	43.7	12.8	4.96	.44	.58	.72
	1600	755	52.0	15.2	3.96	.43	.57	.71	49.6	14.5	4.27	.44	.58	.72	47.1	13.8	4.63	.44	.59	.74	44.5	13.0	5.01	.44	.61	.76
	1800	850	52.8	15.5	3.99	.44	.59	.74	50.3	14.7	4.31	.44	.60	.76	47.7	14.0	4.66	.45	.61	.78	45.0	13.2	5.05	.45	.63	.80

COOLING CAPACITY - HS29-048 with

[CVP10-65/EC10Q5] TXV System

63°F (17°C)	1400	660	46.0	13.5	3.72	.73	.87	.99	43.8	12.8	3.98	.75	.89	1.00	41.6	12.2	4.27	.77	.92	1.00	39.3	11.5	4.59	.79	.94	1.00
	1600	755	47.1	13.8	3.76	.77	.92	1.00	44.9	13.2	4.02	.78	.94	1.00	42.6	12.5	4.33	.80	.96	1.00	40.4	11.8	4.66	.83	.98	1.00
	1800	850	48.1	14.1	3.79	.80	.95	1.00	45.9	13.5	4.07	.82	.97	1.00	43.6	12.8	4.39	.84	.99	1.00	41.5	12.2	4.74	.86	1.00	1.00
67°F (19°C)	1400	660	48.9	14.3	3.82	.57	.71	.84	46.6	13.7	4.10	.58	.72	.86	44.2	13.0	4.42	.59	.74	.88	41.8	12.3	4.76	.60	.76	.91
	1600	755	49.9	14.6	3.86	.59	.74	.88	47.5	13.9	4.14	.60	.76	.91	45.0	13.2	4.46	.61	.78	.93	42.5	12.5	4.82	.63	.80	.95
	1800	850	50.7	14.9	3.88	.61	.78	.92	48.2	14.1	4.18	.62	.80	.95	45.7	13.4	4.50	.64	.82	.97	43.2	12.7	4.87	.65	.84	.99
71°F (22°C)	1400	660	52.2	15.3	3.94	.43	.56	.68	49.8	14.6	4.24	.43	.57	.70	47.2	13.8	4.59	.43	.58	.72	44.7	13.1	4.97	.44	.59	.74
	1600	755	53.2	15.6	3.97	.43	.58	.72	50.6	14.8	4.28	.44	.59	.74	48.0	14.1	4.63	.44	.60	.76	45.4	13.3	5.02	.45	.61	.78
	1800	850	53.9	15.8	3.99	.44	.60	.75	51.3	15.0	4.31	.45	.61	.77	48.7	14.3	4.67	.45	.63	.80	46.0	13.5	5.06	.46	.64	.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		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 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 - HS29-060 with

[C33-50/60C] TXV Systems

63°F (17°C)	1400	660	54.2	15.9	4.69	.69	.82	.93	51.8	15.2	5.05	.71	.83	.95	49.3	14.4	5.40	.72	.85	.97	46.5	13.6	5.77	.73	.87	.99
	1600	755	55.7	16.3	4.75	.72	.85	.97	53.1	15.6	5.11	.73	.87	.98	50.5	14.8	5.48	.75	.89	1.00	47.7	14.0	5.84	.77	.92	1.00
	1800	850	56.8	16.6	4.80	.74	.89	.99	54.2	15.9	5.17	.76	.91	1.00	51.5	15.1	5.54	.78	.93	1.00	48.6	14.2	5.92	.80	.95	1.00
67°F (19°C)	1400	660	57.8	16.9	4.85	.55	.67	.78	55.3	16.2	5.22	.56	.68	.80	52.5	15.4	5.60	.56	.69	.82	49.6	14.5	5.98	.57	.71	.84
	1600	755	59.2	17.3	4.90	.56	.69	.82	56.5	16.6	5.29	.57	.71	.84	53.6	15.7	5.67	.58	.72	.86	50.5	14.8	6.05	.59	.74	.88
	1800	850	60.2	17.6	4.95	.58	.72	.85	57.4	16.8	5.34	.59	.73	.87	54.5	16.0	5.72	.60	.75	.90	51.3	15.0	6.11	.61	.78	.92
71°F (22°C)	1400	660	61.8	18.1	5.02	.42	.53	.64	59.0	17.3	5.42	.42	.54	.65	56.1	16.4	5.82	.42	.55	.67	53.0	15.5	6.22	.43	.56	.68
	1600	755	63.1	18.5	5.08	.42	.55	.67	60.2	17.6	5.48	.43	.55	.68	57.2	16.8	5.89	.43	.56	.70	54.0	15.8	6.29	.43	.58	.72
	1800	850	64.1	18.8	5.12	.43	.56	.69	61.2	17.9	5.53	.43	.57	.71	58.1	17.0	5.94	.44	.58	.73	54.7	16.0	6.35	.44	.60	.75

COOLING CAPACITY - HS29-060 with

[C33-60D] TXV Systems

63°F (17°C)	1700	800	57.1	16.7	4.73	.72	.86	.97	54.5	16.0	5.09	.74	.88	.99	51.8	15.2	5.46	.75	.90	1.00	48.9	14.3	5.82	.77	.92	1.00
	1900	895	58.2	17.1	4.78	.75	.89	1.00	55.5	16.3	5.14	.76	.91	1.00	52.7	15.4	5.51	.78	.93	1.00	49.8	14.6	5.88	.80	.96	1.00
	2100	990	59.1	17.3	4.81	.77	.92	1.00	56.4	16.5	5.19	.79	.94	1.00	53.6	15.7	5.56	.81	.96	1.00	50.7	14.9	5.95	.83	.98	1.00
67°F (19°C)	1700	800	60.8	17.8	4.88	.57	.70	.83	57.9	17.0	5.26	.57	.71	.85	55.0	16.1	5.65	.58	.73	.87	51.9	15.2	6.03	.60	.75	.89
	1900	895	61.7	18.1	4.93	.58	.72	.86	58.8	17.2	5.31	.59	.74	.88	55.9	16.4	5.69	.60	.76	.90	52.6	15.4	6.08	.61	.78	.93
	2100	990	62.5	18.3	4.96	.59	.75	.89	59.6	17.5	5.35	.60	.76	.91	56.5	16.6	5.73	.62	.79	.94	53.3	15.6	6.12	.63	.81	.96
71°F (22°C)	1700	800	64.7	19.0	5.06	.43	.55	.67	61.8	18.1	5.46	.43	.56	.69	58.7	17.2	5.86	.43	.57	.70	55.4	16.2	6.27	.44	.58	.72
	1900	895	65.7	19.3	5.10	.43	.56	.70	62.7	18.4	5.50	.43	.57	.71	59.6	17.5	5.91	.44	.59	.73	56.2	16.5	6.32	.44	.60	.76
	2100	990	66.5	19.5	5.13	.44	.58	.72	63.4	18.6	5.54	.44	.59	.74	60.2	17.6	5.95	.44	.60	.76	56.7	16.6	6.36	.45	.62	.79

COOLING CAPACITY - HS29-060 with

[C33-62D] TXV Systems

63°F (17°C)	1600	755	57.7	16.9	4.80	.71	.85	.96	55.1	16.1	5.16	.73	.86	.98	52.3	15.3	5.53	.74	.88	1.00	49.3	14.4	5.90	.76	.91	1.00
	1800	850	58.9	17.3	4.85	.74	.88	.99	56.2	16.5	5.22	.75	.90	1.00	53.3	15.6	5.60	.77	.92	1.00	50.3	14.7	5.97	.79	.95	1.00
	2000	945	60.0	17.6	4.89	.76	.91	1.00	57.2	16.8	5.27	.78	.93	1.00	54.3	15.9	5.65	.80	.95	1.00	51.3	15.0	6.04	.82	.98	1.00
67°F (19°C)	1600	755	61.5	18.0	4.96	.56	.69	.81	58.7	17.2	5.35	.57	.70	.83	55.7	16.3	5.73	.58	.72	.85	52.5	15.4	6.12	.59	.74	.88
	1800	850	62.6	18.3	5.01	.57	.71	.84	59.7	17.5	5.40	.58	.73	.87	56.6	16.6	5.79	.59	.75	.89	53.3	15.6	6.18	.61	.77	.92
	2000	945	63.6	18.6	5.05	.59	.74	.88	60.5	17.7	5.44	.60	.75	.90	57.4	16.8	5.84	.61	.77	.92	54.0	15.8	6.23	.62	.80	.95
71°F (22°C)	1600	755	65.7	19.3	5.14	.42	.54	.66	62.7	18.4	5.55	.43	.55	.67	59.5	17.4	5.96	.43	.56	.69	56.1	16.4	6.38	.43	.57	.71
	1800	850	66.8	19.6	5.19	.43	.56	.69	63.7	18.7	5.61	.43	.57	.70	60.4	17.7	6.02	.43	.58	.72	56.9	16.7	6.43	.44	.59	.74
	2000	945	67.7	19.8	5.23	.43	.57	.71	64.5	18.9	5.65	.44	.58	.73	61.2	17.9	6.07	.44	.60	.75	57.6	16.9	6.48	.45	.61	.77

DOWN-FLOW INDOOR COILS

COOLING CAPACITY - HS29-060 with

[CR33-48B/C-F] TXV Systems

63°F (17°C)	1500	710	54.6	16.0	4.63	.71	.83	.95	52.2	15.3	4.98	.72	.85	.96	49.7	14.6	5.33	.73	.87	.98	47.0	13.8	5.69	.75	.89	1.00
	1700	800	55.8	16.4	4.68	.73	.87	.98	53.3	15.6	5.04	.74	.88	.99	50.7	14.9	5.40	.76	.91	1.00	47.9	14.0	5.76	.78	.93	1.00
	1900	895	56.8	16.6	4.72	.75	.90	1.00	54.3	15.9	5.08	.77	.92	1.00	51.6	15.1	5.45	.79	.94	1.00	48.8	14.3	5.82	.81	.96	1.00
67°F (19°C)	1500	710	58.2	17.1	4.78	.56	.68	.80	55.6	16.3	5.15	.56	.69	.82	52.9	15.5	5.52	.57	.71	.84	49.9	14.6	5.90	.58	.72	.86
	1700	800	59.2	17.3	4.83	.57	.70	.83	56.6	16.6	5.20	.58	.72	.85	53.8	15.8	5.57	.59	.73	.87	50.7	14.9	5.95	.60	.76	.90
	1900	895	60.1	17.6	4.86	.58	.73	.87	57.4	16.8	5.24	.59	.74	.89	54.5	16.0	5.62	.60	.76	.91	51.4	15.1	6.00	.62	.79	.93
71°F (22°C)	1500	710	62.0	18.2	4.94	.42	.54	.65	59.3	17.4	5.33	.42	.54	.67	56.4	16.5	5.73	.43	.55	.68	53.3	15.6	6.13	.43	.56	.70
	1700	800	63.1	18.5	4.99	.43	.55	.68	60.3	17.7	5.38	.43	.56	.69	57.3	16.8	5.78	.43	.57	.71	54.1	15.9	6.18	.44	.58	.73
	1900	895	64.0	18.8	5.02	.43	.57	.71	61.1	17.9	5.42	.43	.58	.72	58.1	17.0	5.83	.44	.59	.74	54.8	16.1	6.23	.44	.60	.76

COOLING CAPACITY - HS29-060 with

[CR33-50/60C-F] [CR33-60D-F] TXV Systems

63°F (17°C)	1800	850	58.3	17.1	4.78	.74	.88	.99	55.6	16.3	5.15	.75	.90	1.00	52.8	15.5	5.52	.77	.92	1.00	49.9	14.6	5.89	.79	.95	1.00
	2000	945	59.3	17.4	4.83	.76	.91	1.00	56.6	16.6	5.20	.78	.93	1.00	53.8	15.8	5.57	.80	.95	1.00	50.8	14.9	5.96	.82	.98	1.00
	2200	1040	60.2	17.6	4.86	.79	.94	1.00	57.5	16.9	5.24	.81	.96	1.00	54.7	16.0	5.62	.83	.98	1.00	51.7	15.2	6.02	.85	1.00	1.00
67°F (19°C)	1800	850	61.8	18.1	4.93	.58	.71	.85	59.0	17.3	5.32	.58	.73	.87	56.0	16.4	5.71	.59	.75	.89	52.8	15.5	6.09	.61	.77	.92
	2000	945	62.7	18.4	4.97	.59	.74	.88	59.8	17.5	5.36	.60	.76	.90	56.7	16.6	5.75	.61	.78	.92	53.4	15.6	6.14	.63	.80	.95
	2200	1040	63.5	18.6	5.00	.60	.76	.91	60.5	17.7	5.40	.62	.78	.93	57.3	16.8	5.79	.63	.80	.95	54.0	15.8	6.18	.64	.83	.98
71°F (22°C)	1800	850	65.9	19.3	5.11	.43	.56	.69	62.9	18.4	5.52	.43	.57	.70	59.7	17.5	5.92	.44	.58	.72	56.3	16.5	6.33	.44	.59	.74
	2000	945	66.8	19.6	5.15	.43	.57	.72	63.7	18.7	5.56	.44	.59	.73	60.4	17.7	5.97	.44	.60	.75	57.0	16.7	6.38	.45	.61	.78
	2200	1040	67.5	19.8	5.18	.44	.59	.74	64.4	18.9	5.59	.44	.60	.76	61.0	17.9	6.00	.45	.62	.78	57.5	16.9	6.42	.45	.63	.81

RATINGS

5 TON

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

HORIZONTAL INDOOR COILS

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C

COOLING CAPACITY - HS29-060 with [CH33-60D-2F] [CH23-65] TXV Systems

63°F (17°C)	1800	850	58.1	17.0	4.74	.75	.89	.99	55.5	16.3	5.10	.76	.91	1.00	52.8	15.5	5.47	.78	.93	1.00	49.9	14.6	5.84	.80	.95	1.00
	2000	945	59.1	17.3	4.78	.77	.92	1.00	56.5	16.6	5.15	.79	.94	1.00	53.7	15.7	5.53	.81	.96	1.00	50.8	14.9	5.91	.83	.98	1.00
	2200	1040	60.0	17.6	4.82	.80	.95	1.00	57.4	16.8	5.20	.82	.97	1.00	54.6	16.0	5.58	.84	.98	1.00	51.8	15.2	5.97	.86	1.00	1.00
67°F (19°C)	1800	850	61.5	18.0	4.88	.58	.72	.86	58.7	17.2	5.26	.59	.74	.88	55.7	16.3	5.64	.60	.76	.90	52.6	15.4	6.03	.61	.78	.93
	2000	945	62.3	18.3	4.92	.60	.75	.89	59.5	17.4	5.30	.61	.77	.91	56.5	16.6	5.69	.62	.79	.93	53.2	15.6	6.07	.63	.81	.96
	2200	1040	63.1	18.5	4.95	.61	.78	.92	60.2	17.6	5.34	.62	.79	.94	57.1	16.7	5.72	.64	.82	.96	53.8	15.8	6.11	.65	.84	.98
71°F (22°C)	1800	850	65.4	19.2	5.05	.43	.56	.70	62.5	18.3	5.45	.43	.57	.71	59.4	17.4	5.85	.44	.58	.73	56.0	16.4	6.26	.44	.60	.75
	2000	945	66.3	19.4	5.08	.44	.58	.73	63.3	18.6	5.49	.44	.59	.74	60.1	17.6	5.89	.44	.60	.76	56.6	16.6	6.30	.45	.62	.79
	2200	1040	67.0	19.6	5.11	.44	.60	.75	63.9	18.7	5.52	.45	.61	.77	60.6	17.8	5.93	.45	.62	.79	57.1	16.7	6.34	.46	.64	.82

COOLING CAPACITY - HS29-060 with [CH33-62D-2F] [CH23-68] TXV Systems

63°F (17°C)	1600	755	57.7	16.9	4.80	.71	.85	.96	55.1	16.1	5.16	.73	.86	.98	52.3	15.3	5.53	.74	.88	1.00	49.3	14.4	5.90	.76	.91	1.00
	1800	850	58.9	17.3	4.85	.74	.88	.99	56.2	16.5	5.22	.75	.90	1.00	53.3	15.6	5.60	.77	.92	1.00	50.3	14.7	5.97	.79	.95	1.00
	2000	945	60.0	17.6	4.89	.76	.91	1.00	57.2	16.8	5.27	.78	.93	1.00	54.3	15.9	5.65	.80	.95	1.00	51.3	15.0	6.04	.82	.98	1.00
67°F (19°C)	1600	755	61.5	18.0	4.96	.56	.69	.81	58.7	17.2	5.35	.57	.70	.83	55.7	16.3	5.73	.58	.72	.85	52.5	15.4	6.12	.59	.74	.88
	1800	850	62.6	18.3	5.01	.57	.71	.84	59.7	17.5	5.40	.58	.73	.87	56.6	16.6	5.79	.59	.75	.89	53.3	15.6	6.18	.61	.77	.92
	2000	945	63.6	18.6	5.05	.59	.74	.88	60.5	17.7	5.44	.60	.75	.90	57.4	16.8	5.84	.61	.77	.92	54.0	15.8	6.23	.62	.80	.95
71°F (22°C)	1600	755	65.7	19.3	5.14	.42	.54	.66	62.7	18.4	5.55	.43	.55	.67	59.5	17.4	5.96	.43	.56	.69	56.1	16.4	6.38	.43	.57	.71
	1800	850	66.8	19.6	5.19	.43	.56	.69	63.7	18.7	5.61	.43	.57	.70	60.4	17.7	6.02	.43	.58	.72	56.9	16.7	6.43	.44	.59	.74
	2000	945	67.7	19.8	5.23	.43	.57	.71	64.5	18.9	5.65	.44	.58	.73	61.2	17.9	6.07	.44	.60	.75	57.6	16.9	6.48	.45	.61	.77

AIR HANDLERS

COOLING CAPACITY - HS29-060 with [CB29M-51] TXV Systems

63°F (17°C)	1750	825	57.1	16.7	4.63	.74	.88	.98	54.6	16.0	4.98	.75	.89	1.00	52.0	15.2	5.33	.77	.91	1.00	49.1	14.4	5.70	.79	.94	1.00
	1800	850	57.4	16.8	4.64	.74	.88	.99	54.9	16.1	4.99	.76	.90	1.00	52.2	15.3	5.35	.77	.92	1.00	49.3	14.4	5.71	.79	.95	1.00
	1850	875	57.6	16.9	4.65	.75	.89	.99	55.1	16.1	5.00	.76	.91	1.00	52.4	15.4	5.36	.78	.93	1.00	49.6	14.5	5.73	.80	.95	1.00
67°F (19°C)	1750	825	60.6	17.8	4.77	.57	.71	.84	57.9	17.0	5.14	.58	.73	.86	55.0	16.1	5.51	.59	.74	.88	51.9	15.2	5.88	.60	.76	.91
	1800	850	60.8	17.8	4.78	.58	.72	.85	58.1	17.0	5.15	.59	.73	.87	55.2	16.2	5.52	.60	.75	.89	52.1	15.3	5.89	.61	.77	.92
	1850	875	61.0	17.9	4.79	.58	.72	.86	58.3	17.1	5.16	.59	.74	.88	55.4	16.2	5.53	.60	.76	.90	52.2	15.3	5.90	.61	.78	.93
71°F (22°C)	1750	825	64.5	18.9	4.93	.43	.56	.69	61.6	18.1	5.32	.43	.57	.70	58.6	17.2	5.71	.43	.58	.72	55.3	16.2	6.11	.44	.59	.74
	1800	850	64.7	19.0	4.94	.43	.56	.69	61.8	18.1	5.33	.43	.57	.71	58.8	17.2	5.72	.44	.58	.73	55.5	16.3	6.12	.44	.59	.75
	1850	875	64.9	19.0	4.95	.43	.57	.70	62.0	18.2	5.34	.43	.57	.71	59.0	17.3	5.73	.44	.59	.73	55.7	16.3	6.13	.44	.60	.76

COOLING CAPACITY - HS29-060 with [CB29M-65] TXV Systems

63°F (17°C)	1600	755	56.6	16.6	4.59	.72	.85	.96	54.1	15.9	4.94	.73	.87	.98	51.5	15.1	5.29	.75	.89	.99	48.6	14.2	5.65	.76	.91	1.00
	1800	850	57.7	16.9	4.64	.74	.88	.99	55.1	16.1	4.99	.76	.90	1.00	52.4	15.4	5.35	.77	.92	1.00	49.6	14.5	5.71	.79	.95	1.00
	2000	945	58.6	17.2	4.68	.77	.91	1.00	56.0	16.4	5.04	.78	.93	1.00	53.3	15.6	5.40	.80	.95	1.00	50.5	14.8	5.77	.82	.97	1.00
67°F (19°C)	1600	755	60.1	17.6	4.74	.56	.69	.82	57.5	16.9	5.10	.57	.70	.84	54.7	16.0	5.47	.58	.72	.86	51.6	15.1	5.84	.59	.74	.88
	1800	850	61.1	17.9	4.78	.58	.72	.85	58.4	17.1	5.15	.59	.73	.87	55.5	16.3	5.52	.60	.75	.89	52.3	15.3	5.89	.61	.77	.92
	2000	945	61.9	18.1	4.81	.59	.74	.88	59.2	17.3	5.18	.60	.76	.90	56.2	16.5	5.56	.61	.78	.93	53.0	15.5	5.94	.63	.80	.95
71°F (22°C)	1600	755	64.0	18.8	4.90	.42	.55	.67	61.2	17.9	5.28	.43	.55	.68	58.3	17.1	5.67	.43	.56	.70	55.0	16.1	6.07	.43	.57	.72
	1800	850	65.0	19.0	4.94	.43	.56	.69	62.2	18.2	5.33	.43	.57	.71	59.1	17.3	5.72	.44	.58	.73	55.8	16.4	6.12	.44	.59	.75
	2000	945	65.8	19.3	4.97	.43	.58	.72	62.9	18.4	5.36	.44	.59	.74	59.8	17.5	5.76	.44	.60	.76	56.4	16.5	6.16	.45	.61	.78

COOLING CAPACITY - HS29-060 with [CB30M-51] [CB30U-51] TXV Systems

63°F (17°C)	1400	660	55.2	16.2	4.56	.69	.81	.92	52.8	15.5	4.91	.70	.83	.94	50.1	14.7	5.25	.71	.85	.96	47.3	13.9	5.60	.73	.87	.99
	1600	755	56.7	16.6	4.62	.71	.85	.96	54.1	15.9	4.97	.73	.86	.98	51.3	15.0	5.32	.74	.88	1.00	48.4	14.2	5.69	.76	.91	1.00
	1800	850	57.8	16.9	4.67	.74	.88	.99	55.2	16.2	5.03	.75	.90	1.00	52.4	15.4	5.39	.77	.92	1.00	49.4	14.5	5.75	.79	.95	1.00
67°F (19°C)	1400	660	59.0	17.3	4.71	.55	.66	.78	56.4	16.5	5.08	.56	.67	.79	53.5	15.7	5.45	.56	.69	.81	50.5	14.8	5.82	.57	.70	.83
	1600	755	60.3	17.7	4.77	.56	.69	.81	57.6	16.9	5.15	.57	.70	.83	54.7	16.0	5.52	.58	.72	.85	51.5	15.1	5.89	.59	.74	.88
	1800	850	61.4	18.0	4.82	.58	.71	.85	58.6	17.2	5.19	.58	.73	.87	55.5	16.3	5.57	.59	.75	.89	52.3	15.3	5.95	.61	.77	.92
71°F (22°C)	1400	660	63.0	18.5	4.89	.42	.53	.64	60.2	17.6	5.28	.42	.54	.65	57.2	16.8	5.67	.42	.54	.66	54.1	15.9	6.06	.43	.55	.68
	1600	755	64.4	18.9	4.94	.42	.54	.66	61.5	18.0	5.34	.43	.55	.68	58.4	17.1	5.74	.43	.56	.69	55.1	16.1	6.13	.43	.57	.71
	1800	850	65.5	19.2	4.99	.43	.56	.69	62.5	18.3	5.39	.43	.57	.70	59.3	17.4	5.79	.44	.58	.72	55.9	16.4	6.19	.44	.59	.74

COOLING CAPACITY - HS29-060 with [CB30M-65] [CB30U-65] TXV Systems

63°F (17°C)	1650	780	57.8	16.9	4.73	.72	.85	.97	55.1	16.1	5.09	.73	.87	.99	52.3	15.3	5.46	.75	.89	1.00	49.4	14.5	5.82	.77	.92	1.00
	1800	850	58.7	17.2	4.77	.74	.88	.99	56.0	16.4	5.14	.75	.90	1.00	53.1	15.6	5.50	.77	.92	1.00	50.1	14.7	5.87	.79	.95	1.00
	1950	920	59.4	17.4	4.80	.76	.90	1.00	56.7	16.6	5.17	.77	.92	1.00	53.8	15.8	5.55	.79	.95	1.00	50.8	14.9	5.92	.81	.97	1.00
67°F (19°C)	1650	780	61.5	18.0	4.89	.																				

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

AIR HANDLERS

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																										
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)								
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb					
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C			

COOLING CAPACITY - HS29-060 with

[CB31MV-51] TXV Systems

63°F (17°C)	1425	675	55.3	16.2	4.57	.70	.82	.93	52.8	15.5	4.92	.71	.84	.95	50.1	14.7	5.27	.72	.86	.97	47.3	13.9	5.62	.74	.88	.99
	1625	765	56.5	16.6	4.62	.72	.85	.97	53.9	15.8	4.97	.73	.87	.98	51.2	15.0	5.33	.75	.89	1.00	48.3	14.2	5.68	.77	.91	1.00
	1805	850	57.6	16.9	4.66	.74	.88	.99	54.9	16.1	5.02	.75	.90	1.00	52.1	15.3	5.38	.77	.92	1.00	49.2	14.4	5.75	.79	.95	1.00
67°F (19°C)	1425	675	59.1	17.3	4.72	.55	.67	.79	56.4	16.5	5.09	.56	.68	.80	53.5	15.7	5.46	.56	.69	.82	50.5	14.8	5.83	.57	.71	.84
	1625	765	60.2	17.6	4.78	.56	.69	.82	57.4	16.8	5.15	.57	.70	.83	54.5	16.0	5.52	.58	.72	.86	51.4	15.1	5.89	.59	.74	.88
	1805	850	61.1	17.9	4.82	.58	.71	.85	58.3	17.1	5.19	.58	.73	.87	55.3	16.2	5.57	.59	.75	.89	52.0	15.2	5.94	.61	.77	.92
71°F (22°C)	1425	675	63.0	18.5	4.90	.42	.53	.64	60.2	17.6	5.29	.42	.54	.65	57.2	16.8	5.68	.42	.55	.67	54.0	15.8	6.07	.43	.56	.69
	1625	765	64.2	18.8	4.95	.42	.54	.66	61.3	18.0	5.34	.43	.55	.68	58.2	17.1	5.74	.43	.56	.70	54.9	16.1	6.13	.43	.57	.72
	1805	850	65.2	19.1	4.99	.43	.56	.69	62.2	18.2	5.39	.43	.57	.70	59.0	17.3	5.78	.44	.58	.72	55.6	16.3	6.18	.44	.59	.74

COOLING CAPACITY - HS29-060 with

[CB31MV-65] TXV Systems

63°F (17°C)	1625	765	57.0	16.7	4.70	.71	.85	.96	54.4	15.9	5.05	.73	.86	.98	51.7	15.2	5.41	.74	.89	1.00	48.7	14.3	5.78	.76	.91	1.00
	1805	850	58.2	17.1	4.75	.74	.88	.99	55.6	16.3	5.11	.75	.90	1.00	52.7	15.4	5.48	.77	.92	1.00	49.8	14.6	5.85	.79	.95	1.00
	2005	945	59.2	17.3	4.79	.76	.91	1.00	56.5	16.6	5.16	.78	.93	1.00	53.7	15.7	5.53	.80	.95	1.00	50.7	14.9	5.91	.82	.98	1.00
67°F (19°C)	1625	765	60.8	17.8	4.85	.56	.69	.81	58.0	17.0	5.23	.57	.70	.83	55.0	16.1	5.61	.58	.72	.85	51.9	15.2	5.99	.59	.74	.88
	1805	850	61.8	18.1	4.90	.58	.71	.85	59.0	17.3	5.28	.58	.73	.87	55.9	16.4	5.67	.59	.75	.89	52.7	15.4	6.05	.61	.77	.92
	2005	945	62.7	18.4	4.94	.59	.74	.88	59.8	17.5	5.32	.60	.76	.90	56.7	16.6	5.71	.61	.78	.93	53.4	15.6	6.10	.63	.80	.95
71°F (22°C)	1625	765	64.8	19.0	5.03	.42	.54	.66	61.9	18.1	5.43	.43	.55	.68	58.8	17.2	5.83	.43	.56	.69	55.4	16.2	6.24	.43	.57	.71
	1805	850	65.9	19.3	5.08	.43	.56	.69	62.9	18.4	5.48	.43	.57	.70	59.7	17.5	5.89	.44	.58	.72	56.3	16.5	6.29	.44	.59	.74
	2005	945	66.8	19.6	5.11	.43	.57	.72	63.7	18.7	5.52	.44	.59	.73	60.4	17.7	5.93	.44	.60	.75	56.9	16.7	6.34	.45	.61	.78

COOLING CAPACITY - HS29-060 with

[CVP10-51/EC10Q4] TXV Systems

63°F (17°C)	1500	710	55.2	16.2	4.68	.70	.83	.94	52.7	15.4	5.03	.71	.85	.96	50.1	14.7	5.39	.73	.86	.98	47.3	13.9	5.75	.74	.89	1.00
	1700	800	56.4	16.5	4.73	.73	.86	.98	53.9	15.8	5.09	.74	.88	.99	51.2	15.0	5.46	.76	.90	1.00	48.4	14.2	5.82	.78	.93	1.00
	1900	895	57.5	16.9	4.78	.75	.89	1.00	54.9	16.1	5.15	.77	.91	1.00	52.2	15.3	5.51	.78	.94	1.00	49.3	14.4	5.89	.81	.96	1.00
67°F (19°C)	1500	710	58.8	17.2	4.83	.56	.68	.80	56.2	16.5	5.21	.56	.69	.81	53.4	15.6	5.58	.57	.70	.83	50.4	14.8	5.97	.58	.72	.86
	1700	800	60.0	17.6	4.89	.57	.70	.83	57.3	16.8	5.26	.58	.71	.85	54.4	15.9	5.64	.58	.73	.87	51.3	15.0	6.03	.60	.75	.90
	1900	895	61.0	17.9	4.93	.58	.73	.86	58.2	17.1	5.31	.59	.74	.88	55.2	16.2	5.69	.60	.76	.91	52.0	15.2	6.08	.62	.78	.93
71°F (22°C)	1500	710	62.8	18.4	5.00	.42	.54	.65	60.0	17.6	5.40	.42	.54	.66	57.1	16.7	5.80	.43	.55	.68	53.9	15.8	6.20	.43	.56	.69
	1700	800	64.0	18.8	5.05	.43	.55	.67	61.1	17.9	5.46	.43	.56	.69	58.1	17.0	5.86	.43	.57	.71	54.8	16.1	6.27	.44	.58	.73
	1900	895	65.0	19.0	5.10	.43	.57	.70	62.0	18.2	5.51	.43	.58	.72	58.9	17.3	5.91	.44	.59	.74	55.5	16.3	6.32	.44	.60	.76

COOLING CAPACITY - HS29-060 with

[CVP10-65/EC10Q5] TXV Systems

63°F (17°C)	1450	685	54.9	16.1	4.67	.71	.83	.94	52.5	15.4	5.03	.72	.85	.96	49.9	14.6	5.39	.73	.87	.98	47.1	13.8	5.75	.75	.89	1.00
	1650	780	56.3	16.5	4.73	.73	.87	.98	53.8	15.8	5.09	.74	.89	.99	51.1	15.0	5.46	.76	.91	1.00	48.3	14.2	5.83	.78	.93	1.00
	1850	875	57.4	16.8	4.78	.76	.90	1.00	54.8	16.1	5.15	.77	.92	1.00	52.1	15.3	5.52	.79	.94	1.00	49.3	14.4	5.90	.81	.97	1.00
67°F (19°C)	1450	685	58.5	17.1	4.83	.56	.68	.80	55.9	16.4	5.20	.56	.69	.81	53.1	15.6	5.58	.57	.70	.83	50.1	14.7	5.96	.58	.72	.86
	1650	780	59.8	17.5	4.88	.57	.70	.83	57.0	16.7	5.26	.58	.72	.85	54.2	15.9	5.64	.59	.74	.87	51.1	15.0	6.03	.60	.76	.90
	1850	875	60.7	17.8	4.92	.59	.73	.87	58.0	17.0	5.31	.60	.75	.89	55.0	16.1	5.69	.61	.77	.91	51.9	15.2	6.08	.62	.79	.94
71°F (22°C)	1450	685	62.5	18.3	5.00	.42	.54	.65	59.8	17.5	5.40	.42	.54	.66	56.8	16.6	5.80	.43	.55	.68	53.6	15.7	6.20	.43	.56	.70
	1650	780	63.8	18.7	5.05	.43	.55	.68	60.9	17.8	5.45	.43	.56	.69	57.8	16.9	5.86	.43	.57	.71	54.6	16.0	6.26	.44	.59	.73
	1850	875	64.7	19.0	5.09	.43	.57	.71	61.8	18.1	5.50	.44	.58	.72	58.6	17.2	5.91	.44	.59	.74	55.3	16.2	6.32	.44	.61	.77

RATINGS

5+ TON

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

UP-FLOW INDOOR COILS

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C

COOLING CAPACITY - HS29-062 with [C33-50/60C] TXV System

63°F (17°C)	1500	710	58.1	17.0	4.92	.69	.83	.95	56.0	16.4	5.47	.70	.85	.97	53.4	15.6	6.09	.72	.87	.99	50.4	14.8	6.78	.74	.89	1.00
	1700	800	59.5	17.4	4.96	.72	.87	.99	57.3	16.8	5.51	.73	.88	1.00	54.7	16.0	6.13	.75	.91	1.00	51.6	15.1	6.83	.77	.94	1.00
	1900	895	60.7	17.8	5.00	.75	.90	1.00	58.4	17.1	5.55	.76	.92	1.00	55.7	16.3	6.17	.78	.95	1.00	52.6	15.4	6.88	.81	.97	1.00
67°F (19°C)	1500	710	62.1	18.2	5.04	.55	.67	.79	59.7	17.5	5.59	.55	.68	.81	56.9	16.7	6.21	.56	.69	.83	53.6	15.7	6.92	.57	.71	.86
	1700	800	63.3	18.6	5.07	.56	.69	.83	60.8	17.8	5.62	.57	.71	.85	57.9	17.0	6.25	.57	.72	.87	54.5	16.0	6.96	.59	.75	.90
	1900	895	64.3	18.8	5.10	.57	.72	.87	61.8	18.1	5.66	.58	.74	.89	58.9	17.3	6.28	.59	.75	.91	55.3	16.2	6.99	.61	.78	.94
71°F (22°C)	1500	710	66.3	19.4	5.16	.41	.53	.64	63.8	18.7	5.72	.41	.53	.65	60.8	17.8	6.36	.41	.54	.67	57.2	16.8	7.08	.42	.55	.69
	1700	800	67.6	19.8	5.20	.42	.54	.67	64.9	19.0	5.76	.42	.55	.68	61.8	18.1	6.40	.42	.56	.70	58.2	17.1	7.11	.43	.57	.72
	1900	895	68.5	20.1	5.23	.42	.56	.70	65.8	19.3	5.79	.42	.57	.71	62.6	18.3	6.43	.43	.58	.73	58.9	17.3	7.15	.43	.59	.76

COOLING CAPACITY - HS29-062 with [C33-60D] TXV System

63°F (17°C)	1750	825	59.9	17.6	4.55	.73	.87	.99	57.6	16.9	5.05	.74	.89	1.00	55.0	16.1	5.62	.76	.91	1.00	51.9	15.2	6.26	.78	.94	1.00
	1950	920	61.0	17.9	4.58	.76	.91	1.00	58.7	17.2	5.08	.77	.92	1.00	56.0	16.4	5.65	.79	.95	1.00	52.9	15.5	6.30	.81	.97	1.00
	2150	1015	62.0	18.2	4.61	.78	.94	1.00	59.7	17.5	5.11	.80	.95	1.00	57.0	16.7	5.68	.82	.97	1.00	53.9	15.8	6.34	.84	.99	1.00
67°F (19°C)	1750	825	63.8	18.7	4.65	.57	.70	.84	61.3	18.0	5.16	.58	.72	.86	58.4	17.1	5.73	.58	.73	.88	55.0	16.1	6.39	.60	.75	.91
	1950	920	64.7	19.0	4.67	.58	.73	.87	62.2	18.2	5.18	.59	.74	.89	59.2	17.3	5.76	.60	.76	.91	55.8	16.4	6.41	.61	.79	.94
	2150	1015	65.6	19.2	4.70	.60	.76	.91	63.0	18.5	5.21	.61	.77	.92	59.9	17.6	5.78	.62	.79	.95	56.4	16.5	6.44	.63	.82	.97
71°F (22°C)	1750	825	68.1	20.0	4.76	.42	.55	.68	65.5	19.2	5.28	.43	.56	.69	62.4	18.3	5.86	.43	.57	.71	58.7	17.2	6.52	.43	.58	.73
	1950	920	69.1	20.3	4.79	.43	.57	.71	66.4	19.5	5.31	.43	.58	.72	63.2	18.5	5.89	.44	.59	.74	59.4	17.4	6.55	.44	.60	.76
	2150	1015	69.9	20.5	4.81	.43	.58	.73	67.1	19.7	5.33	.44	.59	.75	63.8	18.7	5.92	.44	.61	.77	60.0	17.6	6.58	.45	.62	.80

COOLING CAPACITY - HS29-062 with [C33-62D] TXV System

63°F (17°C)	1600	755	62.0	18.2	4.99	.71	.85	.97	59.6	17.5	5.54	.72	.86	.99	56.8	16.6	6.16	.73	.89	1.00	53.6	15.7	6.87	.75	.91	1.00
	1800	850	63.3	18.6	5.03	.73	.88	1.00	60.9	17.8	5.58	.74	.90	1.00	58.1	17.0	6.20	.76	.92	1.00	54.7	16.0	6.92	.79	.95	1.00
	2000	945	64.5	18.9	5.06	.76	.92	1.00	62.0	18.2	5.62	.77	.94	1.00	59.1	17.3	6.25	.79	.96	1.00	55.7	16.3	6.96	.82	.98	1.00
67°F (19°C)	1600	755	66.2	19.4	5.11	.55	.68	.81	63.6	18.6	5.66	.56	.69	.83	60.6	17.8	6.30	.57	.71	.85	57.0	16.7	7.01	.58	.73	.88
	1800	850	67.4	19.8	5.14	.57	.71	.85	64.7	19.0	5.70	.58	.72	.87	61.6	18.1	6.33	.59	.74	.89	57.9	17.0	7.05	.60	.76	.92
	2000	945	68.4	20.0	5.18	.58	.73	.88	65.7	19.3	5.73	.59	.75	.90	62.4	18.3	6.37	.60	.77	.93	58.6	17.2	7.08	.62	.80	.96
71°F (22°C)	1600	755	70.8	20.7	5.25	.42	.54	.65	68.0	19.9	5.80	.42	.54	.67	64.7	19.0	6.45	.42	.55	.68	60.9	17.8	7.17	.42	.56	.70
	1800	850	72.0	21.1	5.28	.42	.55	.68	69.1	20.3	5.85	.42	.56	.69	65.7	19.3	6.49	.43	.57	.71	61.7	18.1	7.21	.43	.58	.74
	2000	945	72.9	21.4	5.31	.43	.57	.71	70.1	20.5	5.87	.43	.58	.72	66.6	19.5	6.52	.43	.59	.74	62.4	18.3	7.24	.44	.60	.77

DOWN-FLOW INDOOR COILS

COOLING CAPACITY - HS29-062 with [CR33-48B/C-F] TXV System

63°F (17°C)	1500	710	55.2	16.2	4.91	.71	.84	.96	53.2	15.6	5.45	.72	.86	.97	50.9	14.9	6.07	.74	.87	.99	48.1	14.1	6.78	.75	.90	1.00
	1700	800	56.4	16.5	4.94	.73	.87	.99	54.3	15.9	5.49	.75	.89	1.00	51.9	15.2	6.11	.76	.91	1.00	49.0	14.4	6.83	.78	.93	1.00
	1900	895	57.4	16.8	4.97	.76	.90	1.00	55.3	16.2	5.52	.77	.92	1.00	52.9	15.5	6.15	.79	.94	1.00	50.0	14.7	6.87	.81	.96	1.00
67°F (19°C)	1500	710	59.1	17.3	5.01	.56	.69	.81	56.9	16.7	5.57	.57	.70	.82	54.3	15.9	6.20	.57	.71	.84	51.3	15.0	6.92	.58	.72	.86
	1700	800	60.2	17.6	5.05	.57	.71	.84	57.9	17.0	5.60	.58	.72	.86	55.3	16.2	6.24	.59	.73	.88	52.1	15.3	6.95	.60	.76	.90
	1900	895	61.1	17.9	5.07	.59	.73	.87	58.8	17.2	5.63	.59	.75	.89	56.1	16.4	6.27	.60	.76	.91	52.9	15.5	6.97	.62	.78	.94
71°F (22°C)	1500	710	63.1	18.5	5.13	.43	.54	.66	60.8	17.8	5.69	.43	.55	.67	58.1	17.0	6.34	.43	.55	.68	54.8	16.1	7.06	.43	.57	.70
	1700	800	64.2	18.8	5.17	.43	.56	.68	61.9	18.1	5.73	.43	.56	.69	59.0	17.3	6.37	.43	.57	.71	55.7	16.3	7.10	.44	.58	.73
	1900	895	65.2	19.1	5.19	.44	.57	.71	62.7	18.4	5.76	.44	.58	.72	59.8	17.5	6.40	.44	.59	.74	56.4	16.5	7.13	.45	.60	.76

COOLING CAPACITY - HS29-062 with [CR33-50/60C-F] [CR33-60D-F] TXV System

63°F (17°C)	1800	850	59.1	17.3	4.99	.75	.89	1.00	56.9	16.7	5.54	.76	.91	1.00	54.3	15.9	6.15	.78	.93	1.00	51.2	15.0	6.86	.80	.95	1.00
	2000	945	60.1	17.6	5.02	.77	.92	1.00	57.9	17.0	5.57	.79	.94	1.00	55.3	16.2	6.19	.81	.96	1.00	52.2	15.3	6.91	.83	.98	1.00
	2200	1040	61.1	17.9	5.05	.80	.95	1.00	58.8	17.2	5.60	.81	.97	1.00	56.2	16.5	6.23	.83	.98	1.00	53.2	15.6	6.94	.86	1.00	1.00
67°F (19°C)	1800	850	62.8	18.4	5.10	.58	.72	.86	60.4	17.7	5.65	.59	.74	.88	57.5	16.9	6.28	.60	.75	.90	54.1	15.9	6.99	.61	.78	.92
	2000	945	63.7	18.7	5.12	.59	.75	.89	61.2	17.9	5.68	.60	.76	.91	58.3	17.1	6.31	.62	.78	.93	54.8	16.1	7.02	.63	.81	.96
	2200	1040	64.5	18.9	5.14	.61	.78	.92	61.9	18.1	5.70	.62	.79	.94	58.9	17.3	6.33	.63	.81	.96	55.4	16.2	7.05	.65	.84	.99
71°F (22°C)	1800	850	67.1	19.7	5.23	.43	.56	.70	64.5	18.9	5.79	.43	.57	.71	61.3	18.0	6.43	.44	.58	.73	57.7	16.9	7.15	.44	.60	.75
	2000	945	67.9	19.9	5.25	.44	.58	.72	65.3	19.1	5.81	.44	.59	.74	62.1	18.2	6.46	.44	.60	.76	58.4	17.1	7.18	.45	.62	.78
	2200	1040	68.7	20.1	5.28	.44	.60	.75	65.9	19.3	5.84	.44	.61	.77	62.7	18.4	6.48	.45	.62	.79	58.9	17.3	7.20	.46	.64	.82

RATINGS

5+ TON

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

HORIZONTAL INDOOR COILS

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C

COOLING CAPACITY - HS29-062 with [CH33-60D-2F] [CH23-65] TXV System

63°F (17°C)	1800	850	59.9	17.6	4.97	.76	.90	1.00	57.7	16.9	5.52	.77	.92	1.00	55.1	16.1	6.14	.79	.94	1.00	52.1	15.3	6.85	.81	.96	1.00
	2000	945	61.0	17.9	5.00	.78	.93	1.00	58.7	17.2	5.55	.80	.95	1.00	56.1	16.4	6.18	.82	.97	1.00	53.1	15.6	6.88	.84	.99	1.00
	2200	1040	62.0	18.2	5.03	.81	.96	1.00	59.8	17.5	5.58	.82	.97	1.00	57.2	16.8	6.20	.84	.99	1.00	54.1	15.9	6.92	.87	1.00	1.00
67°F (19°C)	1800	850	63.5	18.6	5.07	.59	.73	.87	61.1	17.9	5.62	.59	.74	.89	58.2	17.1	6.25	.60	.76	.91	54.8	16.1	6.96	.62	.78	.93
	2000	945	64.4	18.9	5.10	.60	.76	.90	61.9	18.1	5.65	.61	.77	.92	59.0	17.3	6.28	.62	.79	.94	55.5	16.3	6.99	.64	.82	.96
	2200	1040	65.2	19.1	5.12	.62	.79	.93	62.6	18.3	5.67	.63	.80	.95	59.7	17.5	6.30	.64	.82	.97	56.2	16.5	7.02	.66	.85	.99
71°F (22°C)	1800	850	67.7	19.8	5.19	.43	.57	.71	65.1	19.1	5.75	.43	.58	.72	62.0	18.2	6.39	.44	.59	.74	58.4	17.1	7.11	.44	.60	.76
	2000	945	68.6	20.1	5.22	.44	.59	.73	65.9	19.3	5.78	.44	.60	.75	62.8	18.4	6.42	.45	.61	.77	59.0	17.3	7.15	.45	.63	.79
	2200	1040	69.3	20.3	5.24	.44	.60	.76	66.6	19.5	5.80	.45	.61	.78	63.3	18.6	6.44	.45	.63	.80	59.6	17.5	7.16	.46	.65	.83

COOLING CAPACITY - HS29-062 with [CH33-62D-2F] [CH23-68] TXV System

63°F (17°C)	1600	755	62.0	18.2	4.99	.71	.85	.97	59.6	17.5	5.54	.72	.86	.99	56.8	16.6	6.16	.73	.89	1.00	53.6	15.7	6.87	.75	.91	1.00
	1800	850	63.3	18.6	5.03	.73	.88	1.00	60.9	17.8	5.58	.74	.90	1.00	58.1	17.0	6.20	.76	.92	1.00	54.7	16.0	6.92	.79	.95	1.00
	2000	945	64.5	18.9	5.06	.76	.92	1.00	62.0	18.2	5.62	.77	.94	1.00	59.1	17.3	6.25	.79	.96	1.00	55.7	16.3	6.96	.82	.98	1.00
67°F (19°C)	1600	755	66.2	19.4	5.11	.55	.68	.81	63.6	18.6	5.66	.56	.69	.83	60.6	17.8	6.30	.57	.71	.85	57.0	16.7	7.01	.58	.73	.88
	1800	850	67.4	19.8	5.14	.57	.71	.85	64.7	19.0	5.70	.58	.72	.87	61.6	18.1	6.33	.59	.74	.89	57.9	17.0	7.05	.60	.76	.92
	2000	945	68.4	20.0	5.18	.58	.73	.88	65.7	19.3	5.73	.59	.75	.90	62.4	18.3	6.37	.60	.77	.93	58.6	17.2	7.08	.62	.80	.96
71°F (22°C)	1600	755	70.8	20.7	5.25	.42	.54	.65	68.0	19.9	5.80	.42	.54	.67	64.7	19.0	6.45	.42	.55	.68	60.9	17.8	7.17	.42	.56	.70
	1800	850	72.0	21.1	5.28	.42	.55	.68	69.1	20.3	5.85	.42	.56	.69	65.7	19.3	6.49	.43	.57	.71	61.7	18.1	7.21	.43	.58	.74
	2000	945	72.9	21.4	5.31	.43	.57	.71	70.1	20.5	5.87	.43	.58	.72	66.6	19.5	6.52	.43	.59	.74	62.4	18.3	7.24	.44	.60	.77

AIR HANDLERS

COOLING CAPACITY - HS29-062 with [CB29M-65] TXV System

63°F (17°C)	1900	895	60.7	17.8	4.10	.76	.91	1.00	58.5	17.1	4.55	.77	.92	1.00	55.9	16.4	5.07	.79	.94	1.00	52.9	15.5	5.65	.81	.97	1.00
	2000	945	61.2	17.9	4.11	.77	.92	1.00	59.1	17.3	4.56	.78	.94	1.00	56.4	16.5	5.08	.80	.96	1.00	53.4	15.6	5.67	.83	.98	1.00
	2100	990	61.7	18.1	4.12	.78	.94	1.00	59.5	17.4	4.57	.80	.95	1.00	56.9	16.7	5.10	.82	.97	1.00	53.9	15.8	5.68	.84	.99	1.00
67°F (19°C)	1900	895	64.4	18.9	4.18	.58	.73	.87	61.9	18.1	4.63	.59	.75	.89	59.1	17.3	5.15	.60	.76	.91	55.6	16.3	5.74	.62	.79	.94
	2000	945	64.8	19.0	4.19	.59	.74	.89	62.3	18.3	4.64	.60	.76	.91	59.4	17.4	5.16	.61	.78	.93	56.0	16.4	5.75	.63	.80	.96
	2100	990	65.2	19.1	4.19	.60	.76	.91	62.7	18.4	4.65	.61	.77	.92	59.8	17.5	5.17	.62	.79	.94	56.3	16.5	5.76	.63	.82	.97
71°F (22°C)	1900	895	68.6	20.2	4.27	.43	.57	.71	66.1	19.4	4.74	.43	.58	.72	63.0	18.5	5.27	.44	.59	.74	59.3	17.4	5.86	.44	.60	.76
	2000	945	69.0	20.4	4.28	.43	.58	.72	66.4	19.5	4.75	.44	.59	.74	63.3	18.6	5.28	.44	.60	.75	59.6	17.5	5.87	.45	.61	.78
	2100	990	69.4	20.3	4.29	.44	.58	.73	66.7	19.5	4.76	.44	.59	.75	63.6	18.6	5.29	.44	.61	.77	59.9	17.6	5.88	.45	.62	.80

COOLING CAPACITY - HS29-062 with [CB30M-51] [CB30U-51] TXV System

63°F (17°C)	1400	660	56.6	16.6	4.03	.68	.81	.93	54.5	16.0	4.48	.69	.83	.95	52.0	15.2	4.99	.71	.85	.97	49.0	14.4	5.56	.72	.87	.99
	1600	755	58.1	17.0	4.07	.71	.85	.97	55.9	16.4	4.52	.72	.86	.98	53.3	15.6	5.03	.73	.88	1.00	50.2	14.7	5.60	.76	.91	1.00
	1800	850	59.3	17.4	4.11	.73	.88	1.00	57.1	16.7	4.55	.75	.90	1.00	54.4	15.9	5.06	.77	.92	1.00	51.3	15.0	5.65	.79	.95	1.00
67°F (19°C)	1400	660	60.6	17.8	4.13	.54	.66	.77	58.3	17.1	4.59	.55	.67	.79	55.6	16.3	5.09	.55	.68	.81	52.3	15.3	5.68	.56	.70	.83
	1600	755	62.0	18.2	4.17	.55	.68	.81	59.6	17.5	4.62	.56	.69	.83	56.8	16.6	5.14	.57	.71	.85	53.4	15.6	5.72	.58	.73	.88
	1800	850	63.1	18.5	4.20	.57	.71	.85	60.6	17.8	4.65	.58	.72	.87	57.7	16.9	5.17	.58	.74	.89	54.2	15.9	5.75	.60	.76	.92
71°F (22°C)	1400	660	64.9	19.0	4.24	.41	.52	.63	62.4	18.3	4.70	.41	.53	.64	59.5	17.4	5.22	.42	.53	.65	56.0	16.4	5.81	.42	.54	.67
	1600	755	66.3	19.4	4.28	.42	.54	.65	63.7	18.7	4.74	.42	.54	.67	60.6	17.8	5.26	.42	.55	.68	57.1	16.7	5.85	.43	.56	.70
	1800	850	67.4	19.8	4.31	.42	.55	.68	64.7	19.0	4.77	.42	.56	.70	61.6	18.1	5.29	.43	.57	.71	57.8	16.9	5.88	.43	.58	.74

COOLING CAPACITY - HS29-062 with [CB30M-65] [CB30U-65] TXV System

63°F (17°C)	1850	875	60.2	17.6	4.02	.75	.89	1.00	57.9	17.0	4.45	.76	.91	1.00	55.2	16.2	4.95	.78	.93	1.00	52.0	15.2	5.52	.80	.96	1.00
	1950	920	60.7	17.8	4.03	.76	.91	1.00	58.4	17.1	4.47	.77	.93	1.00	55.7	16.3	4.97	.79	.95	1.00	52.5	15.4	5.54	.82	.98	1.00
	2050	970	61.3	18.0	4.04	.77	.93	1.00	59.0	17.3	4.48	.79	.94	1.00	56.2	16.5	4.99	.81	.96	1.00	53.0	15.5	5.56	.83	.99	1.00
67°F (19°C)	1850	875	64.0	18.8	4.10	.58	.72	.86	61.5	18.0	4.55	.59	.73	.88	58.5	17.1	5.05	.60	.75	.90	55.0	16.1	5.62	.61	.77	.93
	1950	920	64.5	18.9	4.12	.59	.73	.88	61.9	18.1	4.57	.59	.75	.90	58.9	17.3	5.07	.60	.77	.92	55.3	16.2	5.64	.62	.79	.95
	2050	970	64.9	19.0	4.13	.59	.75	.90	62.3	18.3	4.57	.60	.76	.91	59.3	17.4	5.08	.61	.78	.94	55.7	16.3	5.65	.63	.81	.97
71°F (22°C)	1850	875	68.3	20.0	4.21	.43	.56	.70	65.6	19.2	4.66	.43	.57	.71	62.4	18.3	5.17	.43	.58	.73	58.6	17.2	5.75	.44	.60	.75
	1950	920	68.8	20.2	4.22	.43	.57	.71	66.0	19.3	4.68	.43	.58	.72	62.8	18.4	5.19	.44	.59	.74	58.9	17.3	5.76	.44	.61	.77
	2050	970	69.1	20.3	4.23	.43	.58	.72	66.4	19.5	4.69	.44	.59	.74	63.1	18.5	5.20	.44	.60	.76	59.3	17.4	5.77	.45	.62	.78

COOLING CAPACITY - HS29-062 with [CB31MV-51] TXV System

63°F (17°C)	1625	765	57.5	16.9	3.94	.71	.85	.97	55.3	16.2	4.37	.72	.87	.99	52.7	15.4	4.86	.74	.89	1.00	49.7	14.6	5.42	.76	.92	1.00
	1825	860	58.7	17.2	3.97	.74	.89	1.00	56.5	16.6	4.40	.75	.91	1.00	53.8	15.8	4.89	.77	.93	1.00	50.7	14.9	5.46	.79	.96	1.00
	2025	955	59.8	17.5	3.99	.76	.92	1.00	57.5	16.9	4.42	.78	.94	1.00	54.8	16.1	4.92	.80	.96	1.00	51.7	15.2	5.49	.82	.99	1.00
6																										

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

AIR HANDLERS

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C

COOLING CAPACITY - HS29-062 with

[CB31MV-65] TXV System

63°F (17°C)	1805	850	59.6	17.5	4.15	.72	.87	1.00	57.3	16.8	4.60	.73	.89	1.00	54.7	16.0	5.11	.75	.92	1.00	51.5	15.1	5.70	.77	.95	1.00
	2005	945	60.7	17.8	4.17	.74	.91	1.00	58.4	17.1	4.62	.76	.93	1.00	55.6	16.3	5.15	.78	.96	1.00	52.5	15.4	5.74	.81	.98	1.00
	2205	1040	61.7	18.1	4.19	.77	.94	1.00	59.3	17.4	4.65	.79	.96	1.00	56.6	16.6	5.18	.81	.98	1.00	53.5	15.7	5.77	.84	1.00	1.00
67°F (19°C)	1805	850	63.4	18.6	4.24	.56	.69	.84	60.9	17.8	4.70	.56	.71	.86	58.0	17.0	5.22	.57	.72	.88	54.5	16.0	5.81	.59	.74	.91
	2005	945	64.3	18.8	4.26	.57	.72	.88	61.8	18.1	4.72	.58	.73	.89	58.8	17.2	5.24	.59	.75	.92	55.2	16.2	5.83	.60	.78	.95
	2205	1040	65.1	19.1	4.29	.59	.74	.91	62.5	18.3	4.74	.60	.76	.93	59.4	17.4	5.27	.61	.79	.96	55.8	16.4	5.86	.62	.82	.98
71°F (22°C)	1805	850	67.7	19.8	4.35	.41	.54	.67	65.0	19.0	4.82	.42	.55	.68	61.9	18.1	5.34	.42	.56	.70	58.1	17.0	5.94	.42	.57	.72
	2005	945	68.6	20.1	4.37	.42	.56	.70	65.8	19.3	4.84	.42	.57	.71	62.6	18.3	5.37	.42	.58	.73	58.8	17.2	5.96	.43	.59	.76
	2205	1040	69.3	20.3	4.39	.42	.57	.72	66.5	19.5	4.86	.43	.58	.74	63.2	18.5	5.39	.43	.60	.76	59.3	17.4	5.98	.44	.61	.79

COOLING CAPACITY - HS29-062 with

[CVP10-65/EC10Q5] TXV System

63°F (17°C)	1640	775	58.3	17.1	4.95	.74	.88	.99	56.2	16.5	5.50	.75	.89	1.00	53.6	15.7	6.13	.77	.91	1.00	50.6	14.8	6.83	.78	.94	1.00
	1840	870	59.6	17.5	4.99	.77	.91	1.00	57.3	16.8	5.54	.78	.93	1.00	54.8	16.1	6.16	.79	.95	1.00	51.8	15.2	6.87	.82	.97	1.00
	2040	965	60.7	17.8	5.03	.79	.94	1.00	58.5	17.1	5.58	.81	.96	1.00	55.9	16.4	6.20	.83	.98	1.00	52.8	15.5	6.92	.85	1.00	1.00
67°F (19°C)	1640	775	62.1	18.2	5.06	.57	.71	.84	59.7	17.5	5.61	.58	.72	.86	57.0	16.7	6.24	.59	.74	.88	53.6	15.7	6.95	.60	.76	.91
	1840	870	63.1	18.5	5.09	.59	.74	.88	60.7	17.8	5.65	.60	.75	.90	57.8	16.9	6.28	.61	.77	.92	54.4	15.9	6.99	.62	.80	.94
	2040	965	64.0	18.8	5.12	.61	.77	.91	61.5	18.0	5.67	.62	.79	.93	58.6	17.2	6.31	.63	.80	.95	55.2	16.2	7.02	.64	.83	.98
71°F (22°C)	1640	775	66.4	19.5	5.19	.43	.56	.69	63.8	18.7	5.75	.43	.56	.70	60.8	17.8	6.39	.43	.57	.72	57.2	16.8	7.11	.44	.59	.74
	1840	870	67.4	19.8	5.22	.43	.57	.72	64.8	19.0	5.78	.44	.58	.73	61.6	18.1	6.42	.44	.60	.75	58.0	17.0	7.14	.45	.61	.77
	2040	965	68.2	20.0	5.25	.44	.59	.75	65.5	19.2	5.81	.44	.60	.76	62.3	18.3	6.45	.45	.62	.78	58.6	17.2	7.17	.45	.63	.81