COOLING PERFORMANCE DATA

Model	Cooling Indoor DB	Cooling Indoor WB		Outdoor conditions (DB) -22℉	-13℉	-4℉	0℉	5℉	17℉	25℉	35℉	47℉	55℉	65℉	75℉	80℉	85℉	95℉	105℉	110℉	115℉	122℉
				-30°C	-25°C	-20°C	-17.8°C	-15°C	-8.3°C	-3.9°C	1.7°C	8.3°C	12.8°C	18.3°C	24°C	26.7°C	29.4°C	35°C	40.5°C	43.3°C	46°C	50°C
CHF09CD(I) CHF09CD(O) (208-230V)	65℉ (18.3°C)	54℉ (12.2°C)	TC	8.93	9.56	9.75	10.10	10.38	10.33	10.67	10.80	10.97	11.03	10.87	10.97	11.31	11.27	11.51	11.03	10.60	9.53	8.46
			SC	5.70	6.18	6.53	6.88	6.99	7.44	7.59	8.05	8.21	8.41	8.18	8.47	8.79	9.14	9.38	9.19	9.30	9.38	8.79
			Input	0.22	0.28	0.35	0.38	0.41	0.48	0.52	0.59	0.66	0.70	0.73	0.76	0.84	0.95	1.16	1.18	1.22	1.33	1.41
	70℉ (21.1°C)	59℉ (15°C)	TC	9.36	10.02	10.35	10.52	10.87	10.99	11.13	11.36	11.51	11.71	11.47	11.64	11.87	11.76	12.04	11.71	11.24	10.04	8.90
			SC	5.93	6.45	6.89	7.12	7.28	7.88	7.88	8.41	8.57	8.87	8.59	8.94	9.17	9.49	9.75	9.69	9.81	9.82	9.29
			Input	0.22	0.28	0.35	0.38	0.41	0.49	0.52	0.58	0.65	0.71	0.73	0.77	0.84	0.95	1.16	1.19	1.22	1.34	1.42
	75℉ (23.9°C)	63℉ (17.2°C)	TC	9.86	10.57	11.01	11.14	11.44	11.58	11.83	11.83	12.16	12.26	12.17	12.31	12.44	12.43	12.69	12.20	11.80	10.58	9.40
			SC	6.21	6.77	7.29	7.50	7.62	8.26	8.32	8.72	9.01	9.24	9.07	9.40	9.56	9.99	10.21	10.03	10.25	10.26	9.65
			Input	0.22	0.28	0.35	0.38	0.41	0.48	0.53	0.58	0.66	0.70	0.74	0.77	0.84	0.96	1.15	1.17	1.22	1.35	1.40
	80℉ (26.7°C)	67℉ (19.4°C)	TC	10.43	11.04	11.56	11.81	12.06	12.23	12.40	12.55	12.73	12.80	12.87	12.94	13.01	13.16	13.29	12.85	12.36	11.14	9.84
			SC	6.54	7.03	7.62	7.90	7.98	8.68	8.68	9.20	9.38	9.59	9.54	9.82	9.94	10.51	10.65	10.53	10.67	10.63	10.05
			Input	0.26	0.28	0.34	0.38	0.42	0.49	0.53	0.58	0.65	0.69	0.73	0.78	0.83	1.07	1.15	1.18	1.21	1.25	1.29
CHF12CD(I) CHF12CD(O) (208-230V)	65℉ (18.3°C)	54℉ (12.2°C)	TC	9.32	10.13	10.38	10.48	10.57	10.95	11.26	11.46	11.75	11.84	11.90	11.77	12.05	11.94	12.27	11.48	11.01	9.92	8.75
			SC	5.97	6.46	6.99	6.90	7.39	7.75	8.31	8.03	8.72	8.88	9.33	9.32	9.65	9.52	10.20	9.65	9.78	9.22	8.69
			Input	0.38	0.44	0.49	0.51	0.53	0.60	0.63	0.67	0.68	0.72	0.77	0.80	0.86	1.02	1.25	1.21	1.20	1.25	1.25
	70℉ (21.1°C)	59℉ (15°C)	TC	9.78	10.60	10.93	11.15	11.23	11.45	11.79	11.88	12.42	12.56	12.45	12.44	12.78	12.52	12.90	12.03	11.51	10.35	9.13
			SC	6.22	6.73	7.32	7.29	7.82	8.06	8.66	8.43	9.16	9.36	9.70	9.79	10.18	9.92	10.66	10.06	10.17	9.56	9.03
			Input	0.37	0.44	0.49	0.52	0.54	0.60	0.63	0.66	0.69	0.73	0.76	0.80	0.87	1.00	1.26	1.21	1.21	1.25	1.23
	75℉ (23.9°C)	63℉ (17.2°C)	TC	10.40	11.08	11.43	11.78	11.91	12.09	12.37	12.56	12.96	13.16	13.13	13.14	13.37	13.26	13.52	12.71	12.13	10.93	9.71
			SC	6.58	6.99	7.61	7.65	8.24	8.47	9.03	8.87	9.50	9.76	10.18	10.29	10.58	10.44	11.12	10.56	10.66	10.04	9.56
			Input	0.38	0.44	0.48	0.51	0.54	0.60	0.62	0.66	0.68	0.73	0.76	0.81	0.87	1.01	1.25	1.22	1.22	1.25	1.25
	80℉ (26.7°C)	67℉ (19.4°C)	TC	10.84	11.65	12.14	12.31	12.51	12.77	13.02	13.25	13.63	13.71	13.79	13.87	13.96	14.05	14.15	13.50	12.73	11.62	10.26
			SC	6.82	7.31	8.05	7.96	8.60	8.89	9.45	9.30	9.93	10.12	10.63	10.79	10.98	11.00	11.57	11.15	11.13	10.62	10.07
			Input	0.37	0.44	0.49	0.51	0.54	0.60	0.63	0.66	0.68	0.72	0.76	0.81	0.87	1.18	1.25	1.24	1.22	1.26	1.25
CHF18CD(I) CHF18CD(O) (208-230V)	65℉ (18.3°C)	54℉ (12.2°C)	TC	14.48	15.31	16.57	16.87	17.11	17.69	17.06	16.66	16.19	15.93	16.02	15.84	15.78	15.98	16.18	14.75	14.36	13.36	12.25
			SC	8.71	9.77	10.71	11.61	11.55	12.93	12.36	12.53	11.88	11.94	12.06	12.34	12.43	12.42	13.33	12.20	12.59	12.62	12.21
			Input	0.54	0.59	0.66	0.67	0.71	0.74	0.78	0.86	0.88	0.95	1.04	1.09	1.22	1.45	1.81	1.75	1.81	1.86	1.97
	70℉ (21.1°C)	59℉ (15°C)	TC	15.15	16.17	17.40	17.89	18.11	18.55	17.96	17.61	17.08	16.80	16.98	16.72	16.61	16.93	16.87	15.65	15.23	14.20	12.97
			SC	9.07	10.25	11.19	12.25	12.16	13.48	12.93	13.18	12.48	12.53	12.71	12.96	13.02	13.09	13.81	12.88	13.28	13.34	12.87
			Input	0.53	0.59	0.66	0.68	0.72	0.74	0.79	0.86	0.88	0.95	1.05	1.10	1.23	1.47	1.77	1.76	1.82	1.88	1.97
	75℉ (23.9°C)	63℉ (17.2°C)	TC	15.83	17.15	18.34	18.66	19.20	19.65	18.79	18.39	17.98	17.80	17.95	17.73	17.45	17.67	17.59	16.65	15.88	15.02	13.68
			SC	9.41	10.81	11.74	12.69	12.81	14.19	13.46	13.67	13.06	13.21	13.37	13.66	13.61	13.58	14.31	13.64	13.76	14.03	13.52
			Input	0.53	0.60	0.66	0.68	0.72	0.75	0.77	0.85	0.87	0.94	1.04	1.12	1.22	1.44	1.77	1.79	1.82	1.90	1.98
	80℉ (26.7°C)	67℉ (19.4°C)	TC	16.64	17.90	19.24	19.72	20.26	20.55	19.94	19.31	18.93	18.83	18.74	18.65	18.56	18.48	18.40	17.66	16.75	15.72	14.28
			SC	9.84	11.22	12.24	13.35	13.45	14.75	14.20	14.29	13.66	13.90	13.87	14.28	14.40	14.12	14.89	14.39	14.44	14.58	14.05
			Input	0.53	0.60	0.66	0.69	0.72	0.74	0.78	0.84	0.88	0.94	1.02	1.12	1.24	1.66	1.78	1.80	1.81	1.90	1.96
CHF24CD(I) CHF24CD(O) (208-230V)	65℉ (18.3°C)	54℉ (12.2°C)	TC	18.58	19.91	20.91	21.24	21.55	22.45	23.45	24.17	25.83	25.70	25.96	25.64	25.31	24.52	23.12	22.53	21.33	20.46	19.35
			SC	11.53	12.63	14.25	14.24	14.93	16.26	17.36	18.17	18.65	19.20	20.29	19.86	19.50	19.72	18.64	19.38	19.17	19.49	19.26
			Input	0.93	1.03	1.13	1.23	1.30	1.38	1.47	1.55	1.80	1.87	1.94	2.00	2.07	2.19	2.42	2.51	2.61	3.01	3.43
	70℉ (21.1°C)	59℉ (15°C)	TC	19.35	20.74	21.78	22.24	22.91	23.66	24.55	25.61	27.30	27.23	27.50	26.80	26.67	25.67	24.15	23.57	22.50	21.69	20.52
			SC	11.93	13.09	14.74	14.82	15.78	17.04	18.06	19.16	19.59	20.25	21.39	20.63	20.45	20.54	19.36	20.18	20.13	20.55	20.35
			Input	0.91	1.02	1.11	1.22	1.31	1.38	1.47	1.54	1.80	1.87	1.94	1.97	2.07	2.19	2.41	2.51	2.64	3.00	3.46
	75℉ (23.9°C)	63℉ (17.2°C)	TC	20.45	21.67	22.78	23.29	23.99	24.82	26.09	26.79	28.89	28.54	28.89	28.36	28.37	26.91	25.70	24.81	23.79	22.79	21.53
			SC	12.55	13.60	15.33	15.45	16.44	17.78	19.07	19.93	20.64	21.11	22.34	21.72	21.64	21.39	20.47	21.12	21.14	21.49	21.27
			Input	0.92	1.01	1.12	1.21	1.29	1.38	1.47	1.52	1.82	1.86	1.93	1.98	2.07	2.16	2.43	2.50	2.64	2.98	3.44
	80℉ (26.7°C)	67℉ (19.4°C)	TC	21.62	23.00	24.21	24.70	25.22	26.35	27.24	28.02	30.28	30.20	30.12	30.04	29.96	28.54	26.94	25.87	24.78	23.74	22.50
			SC	13.19	14.35	16.20	16.28	17.20	18.79	19.80	20.73	21.53	22.20	23.16	22.86	22.74	22.54	21.33	21.89	21.88	22.24	22.12
			Input	0.92	1.03	1.14	1.22	1.30	1.39	1.46	1.52	1.81	1.86	1.92	1.99	2.05	2.29	2.40	2.49	2.59	2.98	3.39

LEGEND
DB --- Dry Bulb
WB --- Wet Bulb
TC --- Total Net Capacity (1000 Btu/hour)
SC --- Sensible Capacity (1000 Btu/hour)
Input --- Total Power (kW)

HEATING PERFORMANCE DATA

Model	Heating Indoor Conditions DB		Outdoor conditions (DB) -22℉	-13℉	-4℉	0℉	5℉	10℉	17℉	20℉	25℉	32℉	35℉	40℉	47℉	50℉	57℉
			-30°C	-25°C	-20°C	-17.8°C	-15°C	-12.2°C	-8.3°C	-6.7°C	-3.9°C	0°C	1.7°C	4.4°C	8.3°C	10°C	13.9°C
CHF09CD(I) CHF09CD(O) (208-230V)	60℉ (15.6°C)	TC	5.79	7.26	8.98	10.21	11.25	12.31	13.60	14.19	14.64	15.03	15.54	15.71	15.90	16.46	16.76
		Input	1.39	1.40	1.41	1.51	1.54	1.62	1.69	1.71	1.75	1.76	1.78	1.58	1.43	1.36	1.30
	65℉ (18.3°C)	TC	5.65	7.05	8.71	9.90	10.94	11.93	13.24	13.71	14.19	14.61	15.12	15.27	15.45	15.90	16.32
		Input	1.43	1.44	1.44	1.55	1.58	1.65	1.74	1.76	1.79	1.81	1.83	1.63	1.47	1.39	1.33
	70℉ (21.1°C)	TC	5.49	6.83	8.49	9.59	10.62	11.63	12.83	13.29	13.74	14.22	14.72	14.88	15.03	15.44	15.78
		Input	1.46	1.48	1.49	1.58	1.63	1.70	1.79	1.81	1.83	1.85	1.88	1.68	1.50	1.43	1.36
	75℉ (23.9°C)	TC	5.28	6.53	8.10	9.16	10.18	11.14	12.33	12.80	13.13	13.70	14.12	14.29	14.43	14.81	15.21
		Input	1.50	1.53	1.53	1.63	1.67	1.76	1.84	1.87	1.89	1.90	1.94	1.74	1.55	1.48	1.40
CHF12CD(I) CHF12CD(O) (208-230V)	60℉ (15.6°C)	TC	7.85	9.15	10.22	11.45	12.74	13.37	13.95	14.54	15.04	15.39	16.03	16.32	16.61	17.09	17.39
		Input	1.53	1.66	1.67	1.74	1.85	1.82	1.83	1.80	1.81	1.81	1.80	1.61	1.47	1.42	1.36
	65℉ (18.3°C)	TC	7.60	8.87	9.92	11.09	12.37	13.02	13.49	14.09	14.54	15.01	15.54	15.78	16.14	16.54	16.90
		Input	1.56	1.70	1.71	1.77	1.89	1.87	1.87	1.86	1.86	1.86	1.85	1.66	1.51	1.45	1.39
	70℉ (21.1°C)	TC	7.34	8.64	9.59	10.75	12.04	12.59	13.11	13.61	14.11	14.60	15.12	15.38	15.61	15.98	16.39
		Input	1.60	1.74	1.75	1.83	1.93	1.93	1.92	1.91	1.90	1.90	1.90	1.71	1.55	1.48	1.44
	75℉ (23.9°C)	TC	7.01	8.25	9.22	10.31	11.55	12.15	12.61	13.05	13.60	14.06	14.58	14.69	15.04	15.36	15.75
		Input	1.65	1.79	1.81	1.89	1.99	1.99	1.99	1.97	1.96	1.96	1.97	1.76	1.60	1.52	1.47
CHF18CD(I) CHF18CD(O) (208-230V)	60℉ (15.6°C)	TC	14.62	16.27	18.11	18.91	19.78	20.40	21.22	21.27	21.17	21.14	21.44	21.43	21.50	21.92	22.27
		Input	3.24	3.14	3.01	2.94	2.88	2.95	3.03	2.94	2.88	2.79	2.70	2.31	2.02	1.96	1.92
	65℉ (18.3°C)	TC	14.26	15.78	17.65	18.32	19.12	19.90	20.58	20.59	20.64	20.52	20.71	20.71	20.77	21.18	21.68
		Input	3.32	3.23	3.09	3.01	2.94	3.02	3.12	3.03	2.95	2.85	2.77	2.36	2.07	2.01	1.98
	70℉ (21.1°C)	TC	13.84	15.38	17.09	17.86	18.58	19.23	19.92	19.95	19.98	20.00	20.03	20.05	20.07	20.53	21.07
		Input	3.41	3.32	3.16	3.10	3.01	3.11	3.21	3.11	3.02	2.93	2.85	2.41	2.12	2.07	2.02
	75℉ (23.9°C)	TC	13.26	14.80	16.39	17.12	17.91	18.50	19.21	19.11	19.20	19.20	19.19	19.15	19.35	19.79	20.33
		Input	3.52	3.40	3.26	3.18	3.11	3.21	3.32	3.22	3.12	3.02	2.94	2.49	2.19	2.13	2.08
CHF24CD(I) CHF24CD(O) (208-230V)	60℉ (15.6°C)	TC	17.37	21.05	23.99	25.23	26.97	27.36	27.27	27.38	27.47	27.74	28.01	28.90	29.91	30.19	30.98
		Input	3.31	3.56	3.55	3.70	3.94	3.67	3.46	3.46	3.49	3.51	3.49	3.08	2.76	2.73	2.71
	65℉ (18.3°C)	TC	16.89	20.33	23.20	24.59	26.26	26.43	26.48	26.64	26.77	27.01	27.11	28.12	29.09	29.45	30.02
		Input	3.41	3.63	3.64	3.79	4.03	3.75	3.55	3.56	3.56	3.59	3.60	3.14	2.83	2.81	2.76
	70℉ (21.1°C)	TC	16.42	19.78	22.48	23.80	25.42	25.54	25.68	25.86	26.04	26.22	26.38	27.35	28.33	28.73	29.18
		Input	3.49	3.71	3.73	3.91	4.12	3.83	3.62	3.64	3.65	3.67	3.68	3.22	2.91	2.86	2.84
	75℉ (23.9°C)	TC	15.81	18.99	21.69	22.97	24.53	24.42	24.55	24.70	24.95	25.12	25.32	26.28	27.22	27.44	28.07
		Input	3.59	3.82	3.84	4.04	4.25	3.95	3.71	3.73	3.75	3.80	3.78	3.32	2.98	2.94	2.91

LEGEND
DB --- Dry Bulb
WB --- Wet Bulb
TC --- Total Net Capacity (1000 Btu/hour)
Input --- Total Power (kW)
COP --- W/W