

COOLING PERFORMANCE DATA

Model	Cooling		Outdoor conditions (DB)																				
	DB	WB	-22°F	-13°F	-4°F	0°F	5°F	17°F	25°F	35°F	47°F	55°F	65°F	75°F	80°F	85°F	95°F	105°F	110°F	115°F	122°F		
			-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°F (18.3°C)	54°F (1 2.2°C)	TC	9.93	9.96	9.75	10.10	10.38	10.33	10.67	10.90	10.97	11.03	10.87	10.97	11.31	11.27	11.51	11.03	10.60	9.53	8.46	
		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°F (21.1°C)	59°F (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	
		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°F (23.9°C)	63°F (1 7.2°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	
		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		
	80°F (26.7°C)	67°F (1 9.4°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	
		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°F (18.3°C)	54°F (1 2.2°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	12.03	11.94	12.27	11.48	11.01	9.92	8.75
			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	1.20	1.21	1.20	1.25	1.25	
		70°F (21.1°C)	59°F (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
			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°F (23.9°C)		63°F (1 7.2°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	
		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°F (26.7°C)		67°F (1 9.4°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	
		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°F (18.3°C)	54°F (1 2.2°C)	TC	14.48	15.31	16.57	16.87	17.11	17.69	17.08	16.66	16.19	15.93	16.02	15.84	15.78	15.98	16.18	14.75	14.36	13.36	12.25
			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°F (21.1°C)	59°F (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
			Input	0.53	0.59	0.66	0.66	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°F (23.9°C)	63°F (1 7.2°C)	TC	15.83	17.15	18.34	18.68	19.20	19.65	18.79	18.39	17.98	17.80	17.95	17.73	17.45	17.67	17.99	16.65	15.88	15.02	13.68	
		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°F (26.7°C)	67°F (1 9.4°C)	TC	16.64	17.90	19.24	19.22	20.26	20.55	19.60	19.31	18.93	18.83	18.74	18.65	18.65	18.40	17.66	16.75	15.72	14.28		
		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°F (18.3°C)	54°F (1 2.2°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
			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°F (21.1°C)	59°F (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
			Input	1.13	1.30	1.47	1.48	1.57	1.74	1.80	1.96	1.99	2.25	2.25	2.19	2.03	2.05	2.04	2.08	2.01	2.03	2.05	
75°F (23.9°C)		63°F (1 7.2°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	
		Input	1.25	1.36	1.53	1.54	1.64	1.78	1.97	1.93	2.04	2.11	2.23	2.14	2.12	2.14	2.12	2.14	2.14	2.14	2.19		
80°F (26.7°C)		67°F (1 9.4°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	
		Input	1.39	1.43	1.62	1.62	1.72	1.89	1.99	2.03	2.13	2.23	2.20	2.16	2.16	2.24	2.24	2.13	2.13	2.18	2.24		

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		Outdoor conditions (DB)																
	Indoor Conditions DB	DB	-22°F	-13°F	-4°F	0°F	5°F	10°F	17°F	20°F	25°F	32°F	35°F	40°F	47°F	50°F	57°F		
			-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°F (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°F (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°F (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		
CHF12CD(I) CHF12CD(O) (208-230V)	60°F (15.6°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		
	65°F (18.3°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	1.81	1.47	1.42	1.36		
	70°F (21.1°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		
	75°F (23.9°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		
	CHF18CD(I) CHF18CD(O) (208-230V)	60°F (15.6°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	
		65°F (18.3°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	
70°F (21.1°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		
75°F (23.9°C)		TC	13.84	15.38	17.09	17.86													