

COOLING PERFORMANCE DATA

Model	Cooling		Outdoor conditions (DB)																					
	Indoor		-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			
	DB	WB	-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			
CHF12CA(I)+CZP12CA(O) (115V)	65°F (18.3°C)	54°F (12.2°C)	TC	9.94	10.59	10.52	10.82	11.30	11.23	11.01	11.28	11.87	11.37	11.65	11.16	10.85	11.10	10.56	10.30	9.84	9.52	8.63		
			SC	6.16	6.80	7.17	7.23	7.92	8.14	7.77	8.18	8.87	8.56	8.77	8.83	8.35	8.98	8.70	8.68	8.87	8.99	8.58	1.30	
			Input	0.70	0.77	0.78	0.81	0.85	0.84	0.85	0.90	0.95	0.95	1.00	1.03	1.02	1.06	1.06	1.09	1.11	1.21	1.21	1.30	9.13
	70°F (21.1°C)	59°F (15°C)	TC	10.43	11.24	11.19	11.39	11.85	11.84	11.72	11.81	12.46	12.07	12.18	11.86	11.52	11.61	11.24	10.82	10.30	10.00	9.38	9.04	
			SC	6.42	7.19	7.58	7.56	8.25	8.54	8.22	8.52	9.26	9.05	9.12	9.34	8.82	9.34	9.20	9.05	9.24	9.38	9.04	1.29	
			Input	0.69	0.77	0.78	0.80	0.85	0.85	0.85	0.89	0.95	0.96	1.00	1.03	1.04	1.06	1.08	1.10	1.11	1.21	1.21	1.29	9.59
	75°F (23.9°C)	63°F (17.2°C)	TC	11.02	11.73	11.88	12.05	12.37	12.36	12.35	13.17	12.73	12.73	12.48	12.14	12.13	11.80	11.36	10.96	10.42	9.59	9.46	9.46	9.46
			SC	6.75	7.46	8.00	7.95	8.56	8.87	8.62	8.98	9.74	9.50	9.49	9.77	9.25	9.70	9.62	9.46	9.77	9.72	9.46	1.30	
			Input	0.70	0.76	0.78	0.81	0.84	0.85	0.86	0.89	0.96	0.96	1.00	1.03	1.04	1.06	1.09	1.10	1.13	1.20	1.20	1.30	10.10
	80°F (26.7°C)	67°F (19.4°C)	TC	11.65	12.26	12.64	12.77	12.90	13.03	13.12	13.23	13.77	13.53	13.29	13.04	12.81	12.66	12.50	12.01	11.54	10.86	10.10	9.91	
			SC	7.10	7.75	8.47	8.38	8.87	9.30	9.11	9.43	10.14	10.04	9.85	10.16	9.69	10.07	10.13	9.94	10.22	10.06	9.91	1.29	
			Input	0.70	0.76	0.79	0.81	0.83	0.86	0.87	0.88	0.95	0.97	0.99	1.01	1.04	1.07	1.09	1.11	1.12	1.20	1.20	1.29	8.56
CHF09CD(I)+CZP09CD(O) (208-230V)	65°F (18.3°C)	54°F (12.2°C)	TC	9.24	9.85	10.76	11.06	11.29	11.56	11.32	11.35	11.16	11.19	11.31	11.15	10.77	10.37	10.05	9.53	9.12	8.56	8.54		
			SC	5.66	6.51	7.02	7.56	7.70	8.08	8.20	8.12	8.57	8.28	8.64	8.64	8.80	8.71	8.49	8.29	8.63	8.51	8.54	1.23	
			Input	0.62	0.68	0.76	0.78	0.83	0.88	0.86	0.87	0.90	0.93	0.93	0.98	0.97	0.96	0.98	1.02	1.01	1.12	1.12	1.23	9.06
	70°F (21.1°C)	59°F (15°C)	TC	9.69	10.46	11.39	11.74	11.90	12.13	11.97	11.90	11.84	11.78	11.79	11.89	11.74	11.35	10.84	10.57	10.08	9.65	9.06	9.00	
			SC	5.90	6.87	7.38	7.98	8.07	8.44	8.63	8.45	8.90	8.69	9.05	9.04	9.21	9.13	8.84	8.67	9.09	8.95	9.00	1.22	
			Input	0.62	0.68	0.76	0.79	0.83	0.87	0.86	0.87	0.90	0.92	0.94	0.98	0.97	0.96	0.97	1.01	1.01	1.13	1.13	1.22	9.54
	75°F (23.9°C)	63°F (17.2°C)	TC	10.13	11.00	12.00	12.29	12.42	12.75	12.74	12.56	12.45	12.34	12.51	12.50	12.29	11.86	11.50	11.10	10.67	10.23	9.54	9.45	
			SC	6.14	7.19	7.73	8.30	8.38	8.81	9.13	8.87	9.30	9.06	9.55	9.46	9.59	9.48	9.31	9.06	9.56	9.44	9.45	1.22	
			Input	0.61	0.68	0.76	0.79	0.83	0.87	0.87	0.87	0.90	0.91	0.95	0.97	0.96	0.96	0.98	1.01	1.02	1.14	1.14	1.22	9.99
	80°F (26.7°C)	67°F (19.4°C)	TC	10.62	11.67	12.55	12.87	13.21	13.32	13.31	13.30	13.16	13.12	13.09	13.06	13.04	12.61	12.22	11.73	11.24	10.66	9.99	9.85	
			SC	6.41	7.59	8.05	8.65	8.87	9.15	9.49	9.33	9.77	9.58	9.95	9.82	10.10	10.04	9.85	9.53	10.02	9.78	9.85	1.14	
			Input	0.60	0.69	0.76	0.79	0.83	0.86	0.87	0.88	0.91	0.93	0.94	0.96	0.98	0.99	1.01	1.02	1.11	1.12	1.20	1.14	9.29
CHF12CD(I)+CZP12CD(O) (208-230V)	65°F (18.3°C)	54°F (12.2°C)	TC	9.71	10.40	11.11	11.56	11.64	11.43	11.73	11.60	11.55	11.40	11.66	11.39	11.53	11.33	11.48	11.05	10.57	10.24	9.29		
			SC	6.08	6.45	7.32	7.62	7.92	7.97	8.38	8.62	8.76	8.67	9.26	8.83	8.94	9.13	9.18	9.45	9.42	9.71	9.30	1.28	
			Input	0.60	0.68	0.76	0.84	0.96	0.95	1.00	0.98	0.99	0.98	1.02	1.02	1.01	1.08	1.19	1.18	1.18	1.27	1.28	9.72	
	70°F (21.1°C)	59°F (15°C)	TC	10.31	11.03	11.61	12.11	12.34	12.13	12.40	12.25	12.07	12.05	12.20	12.01	12.02	11.96	12.11	11.65	11.17	10.69	9.72	9.69	
			SC	6.42	6.80	7.60	7.92	8.35	8.40	8.82	9.06	9.11	9.11	9.62	9.26	9.26	9.58	9.64	9.90	9.91	10.07	9.69	1.27	
			Input	0.61	0.69	0.75	0.84	0.96	0.96	0.99	0.98	0.99	0.99	1.02	1.01	1.02	1.08	1.18	1.19	1.18	1.28	1.28	1.27	10.80
	75°F (23.9°C)	63°F (17.2°C)	TC	10.81	11.62	12.30	12.77	13.04	12.89	12.93	12.88	12.79	12.68	12.79	12.67	12.71	12.63	12.75	12.20	11.79	11.18	10.23	10.16	
			SC	6.69	7.13	8.02	8.32	8.78	8.89	9.15	9.47	9.60	9.55	10.04	9.72	9.74	10.07	10.08	10.30	10.39	10.47	10.16	1.28	
			Input	0.61	0.68	0.75	0.84	0.96	0.96	0.98	0.98	0.99	1.00	1.01	1.03	1.04	1.08	1.18	1.17	1.20	1.26	1.28	1.28	10.80
	80°F (26.7°C)	67°F (19.4°C)	TC	11.41	12.27	13.05	13.30	13.60	13.52	13.47	13.41	13.41	13.40	13.40	13.40	13.39	13.39	12.81	12.32	11.72	11.02	10.67	1.24	
			SC	7.03	7.48	8.47	8.62	9.10	9.28	9.48	9.82	10.01	10.04	10.46	10.23	10.23	10.62	10.54	10.77	10.80	10.92	10.67	13.05	
			Input	0.62	0.69	0.76	0.84	0.96	0.96	0.97	0.97	0.98	0.99	1.01	1.02	1.04	1.15	1.18	1.18	1.19	1.25	1.24	13.05	13.05
CHF18CD(I)+CZP18CD(O) (208-230V)	65°F (18.3°C)	54°F (12.2°C)	TC	16.16	16.24	16.01	16.48	16.36	16.84	17.21	16.89	17.53	18.27	18.52	18.71	17.53	16.66	16.07	15.64	14.38	13.05	13.05		
			SC	10.07	10.57	10.88	11.21	11.12	11.70	12.48	12.59	12.88	13.69	14.10	14.86	14.96	13.63	13.41	13.70	13.92	13.72	13.00	1.78	
			Input	0.79	0.82	0.79	0.83	0.86	0.89	0.90	0.95	1.01	1.08	1.14	1.23	1.40	1.71	1.69	1.70	1.71	1.71	1.78	13.77	
	70°F (21.1°C)	59°F (15°C)	TC	17.10	16.97	17.01	17.24	17.24	17.78	18.12	17.97	18.26	18.72	19.27	19.50	19.61	18.65	17.50	16.86	16.43	15.20	13.77	13.65	
			SC	10.58	11.00	11.50	11.66	11.65	12.28	13.07	13.33	13.35	14.31	14.78	15.56	15.61	14.41	14.00	14.29	14.55	14.42	13.65	1.77	
			Input	0.80	0.81	0.81	0.82	0.83	0.86	0.90	0.92	0.94	1.01	1.07	1.15	1.22	1.41	1.69	1.67	1.70	1.72	1.77	14.58	
	75°F (23.9°C)	63°F (17.2°C)	TC	17.93	18.04	17.89	18.16	18.22	18.86	18.89	18.71	19.18	19.60	20.14	20.48	20.60	19.63	18.62	17.64	17.13	15.92	14.58	14.41	
			SC	11.03	11.61	12.02	12.21	12.25	12.96	13.56	13.81	13.95	14.90	15.34	16.24	16.30	15.10	14.81	14.87	15.08	15.03	14.41	1.76	
			Input	0.80	0.81	0.81	0.82	0.84	0.86	0.89	0.92	0.93	1.00	1.07	1.15	1.21	1.41	1.69	1.66	1.69	1.71	1.76	15.43	
	80°F (26.7°C)	67°F (19.4°C)	TC	18.73	18.97	19.01	19.10	19.20	19.79	19.84	19.91	20.12	20.59	21.02	21.45	21.91	20.64	19.56	18.72	18.00	16.94	15.43	15.17	
			SC	11.47	12.14	12.72	12.78	12.83	13.53	14.17	14.61	14.55	15.51	15.91	16.92	17.24	15.79	15.45	15.69	15.76	15.89	15.17	1.76	
			Input	0.79	0.81	0.81	0.82	0.83	0.86	0.89	0.92	0.93	1.00	1.07	1.15	1.24	1.59	1.69	1.67	1.68	1.73	1.76	19.81	
CHF24CD(I)+CZP24CD(O) (208-230V)	65°F (18.3°C)	54°F (12.2°C)	TC	22.94	23.54	23.86	23.77	24.35	24.41	24.27	24.28	23.64	24.25	23.91	23.81	24.25	24.16	24.60	23.65	22.86	20.92	19.81		
			SC	14.15	14.99	16.20	15.73	17.30	17.29	17.10	17.26	17.51	18.48	18.81	18.19	19.03	19.04	20.06	19.82	19.97	19.38	19.75	2.69	
			Input	0.52	0.61	0.67	0.71	0.76	1.00	1.08	1.13	1.16	1.35	1.49	1.71	2.04	2.22	2.55	2.58	2.59	2.55	2.69	21.06	
	70°F (21.1°C)	59°F (15°C)	TC	24.20	24.65	24.93	25.21	25.36	25.42	25.31	25.64	25.12	25.80	25.38	25.25	25.66	25.43	25.82	24.97	24.04	22.11	21.06	20.91	
			SC	14.84	15.61	16.84	16.60	17.94	17.92	17.73	18.14	18.51	19.57	19.84	19.17	20.03	19.92	20.93	20.80	20.88	20.38	20.91	2.72	
			Input	0.53	0.60	0.67	0.71	0.75	0.99	1.06	1.14	1.18												

HEATING PERFORMANCE DATA

Model	Heating		Outdoor conditions (DB)														
	Indoor Conditions 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
CHF12CA(I)+CZP12CA(O) (115V)	60°F (15.6°C)	TC	5.19	5.66	6.11	6.84	7.52	8.57	9.89	10.62	11.37	12.17	13.00	13.68	14.43	14.60	14.85
		Input	0.84	0.84	0.84	0.89	0.91	0.95	1.02	1.07	1.11	1.17	1.21	1.19	1.16	1.14	1.13
	65°F (18.3°C)	TC	5.03	5.51	5.96	6.67	7.29	8.35	9.56	10.33	11.04	11.82	12.65	13.28	14.00	14.19	14.46
		Input	0.86	0.86	0.87	0.91	0.93	0.98	1.04	1.10	1.14	1.20	1.24	1.21	1.19	1.17	1.15
	70°F (21.1°C)	TC	4.90	5.36	5.79	6.50	7.09	8.12	9.25	10.00	10.72	11.48	12.24	12.87	13.63	13.81	14.01
		Input	0.88	0.89	0.89	0.93	0.95	1.01	1.07	1.12	1.17	1.23	1.27	1.24	1.21	1.20	1.19
CHF09CD(I)+CZP09CD(O) (208-230V)	75°F (23.9°C)	TC	4.70	5.15	5.59	6.24	6.85	7.82	8.88	9.65	10.28	10.97	11.80	12.39	13.11	13.19	13.38
		Input	0.91	0.92	0.91	0.96	0.98	1.04	1.10	1.15	1.21	1.27	1.31	1.27	1.24	1.23	1.22
	60°F (15.6°C)	TC	4.27	5.78	7.77	8.38	9.13	10.16	11.09	11.36	11.61	12.01	12.25	12.68	13.03	13.40	13.82
		Input	0.82	0.86	0.88	0.94	1.01	1.07	1.15	1.13	1.12	1.11	1.11	1.07	1.06	1.07	1.10
	65°F (18.3°C)	TC	4.15	5.60	7.53	8.15	8.84	9.82	10.76	11.06	11.31	11.69	11.94	12.25	12.69	13.00	13.49
		Input	0.83	0.88	0.90	0.97	1.03	1.10	1.18	1.16	1.16	1.14	1.14	1.10	1.08	1.10	1.13
CHF12CD(I)+CZP12CD(O) (208-230V)	70°F (21.1°C)	TC	4.05	5.45	7.33	7.92	8.62	9.55	10.50	10.77	11.04	11.31	11.56	11.89	12.29	12.67	13.03
		Input	0.86	0.91	0.92	0.99	1.06	1.14	1.20	1.19	1.18	1.18	1.17	1.13	1.11	1.13	1.16
	75°F (23.9°C)	TC	3.90	5.25	7.06	7.58	8.32	9.20	10.13	10.35	10.57	10.83	11.14	11.37	11.78	12.10	12.52
		Input	0.89	0.93	0.95	1.01	1.09	1.16	1.24	1.23	1.22	1.21	1.21	1.16	1.15	1.17	1.20
	60°F (15.6°C)	TC	4.70	6.13	7.95	8.73	9.40	10.45	11.36	11.68	12.05	12.40	12.83	13.50	14.07	14.48	15.02
		Input	0.83	0.89	0.94	1.00	1.04	1.13	1.18	1.22	1.24	1.27	1.30	1.27	1.24	1.26	1.25
CHF18CD(I)+CZP18CD(O) (208-230V)	65°F (18.3°C)	TC	4.58	5.95	7.76	8.45	9.16	10.16	10.97	11.30	11.76	12.04	12.48	13.17	13.73	14.09	14.57
		Input	0.86	0.92	0.96	1.03	1.07	1.16	1.21	1.25	1.28	1.31	1.34	1.31	1.27	1.29	1.29
	70°F (21.1°C)	TC	4.43	5.80	7.50	8.24	8.87	9.82	10.61	11.01	11.39	11.75	12.11	12.73	13.29	13.65	14.09
		Input	0.87	0.95	0.99	1.05	1.10	1.19	1.25	1.28	1.32	1.34	1.37	1.34	1.31	1.31	1.33
	75°F (23.9°C)	TC	4.27	5.58	7.17	7.90	8.47	9.38	10.21	10.54	10.97	11.30	11.56	12.26	12.82	13.13	13.48
		Input	0.90	0.98	1.02	1.08	1.13	1.23	1.28	1.33	1.35	1.39	1.41	1.38	1.34	1.35	1.37
CHF24CD(I)+CZP24CD(O) (208-230V)	60°F (15.6°C)	TC	7.14	8.46	10.03	11.39	12.91	14.69	16.97	18.15	19.61	21.03	22.27	22.26	22.44	23.14	23.72
		Input	1.18	1.28	1.36	1.45	1.52	1.68	1.88	1.98	2.07	2.17	2.26	2.02	1.82	1.80	1.81
	65°F (18.3°C)	TC	6.94	8.25	9.69	11.05	12.55	14.22	16.40	17.71	19.00	20.42	21.60	21.66	21.81	22.56	23.05
		Input	1.21	1.32	1.40	1.49	1.55	1.73	1.92	2.03	2.12	2.23	2.31	2.08	1.87	1.85	1.85
	70°F (21.1°C)	TC	6.75	8.01	9.39	10.72	12.18	13.87	15.93	17.19	18.50	19.78	21.01	21.11	21.19	21.81	22.46
		Input	1.24	1.35	1.43	1.52	1.59	1.77	1.97	2.08	2.18	2.28	2.37	2.14	1.91	1.90	1.90
CHF24CD(I)+CZP24CD(O) (208-230V)	75°F (23.9°C)	TC	6.46	7.69	9.04	10.26	11.71	13.28	15.26	16.45	17.80	19.03	20.15	20.18	20.24	20.88	21.52
		Input	1.28	1.40	1.47	1.56	1.64	1.83	2.03	2.14	2.24	2.35	2.44	2.21	1.97	1.95	1.94
	60°F (15.6°C)	TC	11.31	12.17	13.43	15.75	18.81	19.90	21.51	21.72	21.95	22.11	22.50	25.97	28.78	29.98	30.65
		Input	2.14	2.23	2.27	2.32	2.40	2.50	2.64	2.67	2.67	2.68	2.71	2.88	2.93	2.88	2.84
	65°F (18.3°C)	TC	10.99	11.88	12.99	15.33	18.28	19.31	20.85	21.03	21.37	21.57	21.78	25.09	28.05	28.99	29.76
		Input	2.20	2.29	2.33	2.39	2.45	2.56	2.71	2.73	2.74	2.75	2.79	2.96	3.01	2.97	2.91
CHF24CD(I)+CZP24CD(O) (208-230V)	70°F (21.1°C)	TC	10.62	11.54	12.55	14.92	17.66	18.83	20.16	20.41	20.67	20.92	21.23	24.41	27.18	28.04	28.81
		Input	2.26	2.36	2.38	2.45	2.51	2.64	2.78	2.80	2.82	2.83	2.85	3.02	3.09	3.05	2.99
	75°F (23.9°C)	TC	10.22	11.08	12.04	14.31	16.90	18.04	19.31	19.64	19.90	20.15	20.46	23.46	26.09	26.86	27.60
	Input	2.33	2.43	2.46	2.51	2.59	2.73	2.86	2.87	2.90	2.91	2.94	3.10	3.19	3.14	3.08	

LEGEND

DB --- Dry Bulb

WB --- Wet Bulb

TC --- Total Net Capacity (1000 Btu/hour)

Input --- Total Power (kW)

COP --- W/W