

COOLING PERFORMANCE DATA

Model	Cooling		Outdoor conditions (DB)																			
	Indoor		-13°F	-4°F	0°F	5°F	10°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	-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		
CMZ-18-2Z (208-230V)	65°F (18.3°C)	54°F (1.2°C)	TC	20.93	22.29	22.55	22.90	22.81	22.83	22.61	22.67	22.07	21.08	20.23	19.53	19.33	18.77	18.01	16.84	16.25	14.33	
		Input	1.35	1.64	1.63	1.75	1.72	1.75	1.72	1.67	1.71	1.68	1.69	1.66	1.63	1.61	1.58	1.55	1.53	1.47	1.44	
		SC	13.77	15.09	15.35	15.43	15.07	15.77	16.23	16.35	16.95	16.00	15.79	15.68	15.56	15.03	14.24	14.24	14.37	14.87	14.87	
	70°F (21.1°C)	59°F (15°C)	TC	22.17	23.51	23.68	24.08	23.76	23.93	23.70	24.06	23.20	22.12	21.23	20.49	20.33	19.68	18.88	17.86	17.01	15.23	
		Input	1.37	1.55	1.63	1.74	1.72	1.73	1.70	1.68	1.71	1.69	1.68	1.66	1.63	1.61	1.58	1.55	1.53	1.47	1.44	
		SC	14.50	15.84	16.03	16.14	16.64	17.48	16.92	17.31	17.71	16.71	16.47	16.47	16.25	16.26	15.68	16.22	15.69	15.50	15.07	
	75°F (23.9°C)	63°F (7.2°C)	TC	23.36	24.72	25.17	25.38	24.93	25.19	24.79	25.51	24.63	23.21	22.56	21.78	21.29	20.93	19.85	18.94	17.72	16.03	
		Input	1.37	1.57	1.64	1.74	1.69	1.72	1.68	1.69	1.72	1.68	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	
		SC	15.20	16.66	16.93	16.91	17.37	18.29	17.58	18.25	18.68	17.45	17.42	17.16	16.92	16.93	16.97	16.56	16.07	15.81	15.81	
	CMZ-27-3Z (208-230V)	65°F (18.3°C)	54°F (15°C)	TC	24.80	25.83	26.22	26.63	26.41	26.35	26.29	26.57	25.66	24.70	23.82	22.88	22.45	22.08	20.88	19.87	18.52	16.70
			Input	1.39	1.54	1.63	1.72	1.70	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69
			SC	16.04	17.20	17.54	17.66	18.30	19.03	18.56	18.92	19.37	18.47	18.32	17.91	17.75	17.42	17.74	17.29	16.70	16.40	16.40
70°F (21.1°C)		59°F (15°C)	TC	28.28	29.52	29.96	29.90	31.09	31.78	32.05	31.93	31.60	31.34	30.92	31.27	27.83	26.76	25.44	23.64	22.21	20.19	
		Input	2.10	2.26	2.42	2.51	2.63	2.62	2.68	2.67	2.73	2.72	2.76	2.84	2.89	2.99	3.31	3.38	3.24	3.34	3.45	
		SC	18.04	19.95	19.63	21.13	21.79	22.52	23.43	23.61	24.25	24.10	24.81	24.38	21.86	22.22	21.26	21.00	20.44	20.20	20.20	
75°F (23.9°C)		63°F (7.2°C)	TC	31.41	32.24	33.34	33.34	34.45	36.04	35.67	35.42	35.24	34.80	34.30	34.61	31.26	29.07	27.89	26.16	24.28	22.26	
		Input	1.98	2.14	2.16	2.28	2.31	2.45	2.50	2.52	2.67	2.66	2.67	2.66	2.67	2.66	2.67	2.66	2.67	2.66	2.66	
		SC	21.11	21.54	21.60	23.28	23.91	24.56	25.80	25.92	26.77	26.46	27.19	26.71	24.28	23.91	23.03	23.03	22.99	22.11	22.10	
CMZ-48-4Z (208-230V)		65°F (18.3°C)	54°F (15°C)	TC	32.85	34.22	34.80	35.28	36.19	36.76	37.42	37.05	36.86	36.87	36.48	36.31	33.26	30.44	29.05	27.39	25.56	23.33
			Input	1.93	2.15	2.36	2.46	2.56	2.64	2.75	2.83	2.92	3.10	3.30	3.56	3.87	4.08	3.95	3.87	4.03	4.09	4.09
			SC	22.23	22.55	23.94	25.34	27.39	29.35	30.62	30.24	32.71	32.21	32.56	32.41	30.76	29.10	28.27	28.19	27.29	25.68	25.68
	70°F (21.1°C)	59°F (15°C)	TC	35.72	37.09	37.78	38.36	40.63	42.00	44.57	44.08	44.15	43.30	43.78	43.81	40.65	36.79	34.91	32.87	30.83	27.15	
		Input	2.08	2.31	2.42	2.57	2.60	2.64	2.68	2.69	2.72	2.76	2.79	2.83	3.17	3.25	3.24	3.18	3.27	3.40	3.40	
		SC	23.46	23.77	24.92	26.51	28.90	30.91	32.30	31.69	34.22	33.51	34.11	33.76	31.97	30.33	29.89	29.89	28.35	26.90	26.90	
	75°F (23.9°C)	63°F (7.2°C)	TC	37.49	38.80	39.90	39.96	42.59	44.49	46.77	46.20	46.52	46.01	46.23	46.46	42.56	38.32	36.41	34.64	32.36	28.55	
		Input	1.97	2.18	2.31	2.41	2.57	2.66	2.80	2.81	2.96	3.13	3.31	3.60	3.90	3.97	3.93	3.91	4.01	4.01	4.01	
		SC	25.62	25.99	27.25	28.95	31.37	34.06	34.96	34.53	37.31	37.38	37.63	37.35	35.08	33.05	32.77	32.81	30.67	29.27	29.27	
	CMZ-54-5Z (208-230V)	65°F (18.3°C)	54°F (15°C)	TC	44.92	46.94	49.02	48.34	49.46	50.18	48.00	50.75	49.84	49.33	48.35	46.88	45.50	44.48	40.96	39.11	36.59	32.29
			Input	3.35	3.69	4.03	4.15	4.18	4.20	4.09	4.29	4.20	4.35	4.23	4.23	4.06	3.90	3.87	4.02	4.01	3.94	4.00
			SC	28.68	30.47	33.50	32.54	34.57	36.71	35.91	37.34	37.37	38.18	38.18	37.20	36.97	35.59	35.00	35.15	34.03	32.09	32.09
70°F (21.1°C)		59°F (15°C)	TC	47.04	49.83	51.11	50.51	52.45	52.54	51.01	53.82	52.80	51.76	51.21	49.87	47.40	46.62	43.39	41.21	38.11	34.32	
		Input	3.31	3.75	3.97	4.09	4.22	4.22	4.12	4.34	4.25	4.35	4.30	4.30	4.51	4.52	4.51	4.52	4.51	4.51	4.51	
		SC	29.89	32.14	34.74	33.84	36.49	38.23	37.98	39.37	39.35	39.87	40.24	39.32	38.33	37.07	36.91	36.91	36.83	35.27	33.99	
75°F (23.9°C)		63°F (7.2°C)	TC	49.77	52.45	53.24	53.68	54.98	54.84	54.04	56.24	55.58	55.00	53.46	52.11	50.05	48.66	45.29	43.71	39.87	36.12	
		Input	3.32	3.71	3.90	4.10	4.24	4.15	4.16	4.31	4.29	4.36	4.28	4.22	4.52	4.52	4.51	4.82	4.85	5.08	5.12	
		SC	33.27	35.15	37.58	37.66	39.34	41.18	42.10	42.82	42.94	43.72	43.77	43.24	42.37	40.01	40.43	40.50	38.64	36.99	36.99	

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		-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		
	DB	WB	-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		
CMZ-18-2Z (208-230V)	60°F (15.6°C)	80°F	TC	10.12	11.15	11.76	12.18	14.18	15.79	16.27	16.65	17.02	17.56	21.86	25.87	26.41	27.09	
		Input	1.92	1.81	1.79	1.74	1.80	1.81	1.75	1.67	1.63	1.56	1.80	1.99	1.95	1.90		
	65°F (18.3°C)	70°F	TC	9.84	10.87	11.39	11.86	13.83	15.39	15.83	16.23	16.60	17.06	21.16	25.02	25.77	26.35	
		Input	1.97	1.86	1.83	1.79	1.85	1.86	1.79	1.72	1.66	1.61	1.84	2.04	1.99	1.94		
	75°F (23.9°C)	70°F	TC	9.53	10.59	11.06	11.51	13.40	14.98	15.39	15.77	16.13	16.52	20.54	24.41	24.99	25.63	
		Input	2.01	1.92	1.88	1.83	1.89	1.91	1.83	1.77	1.71	1.65	1.89	2.10	2.04	1.99		
CMZ-27-3Z (208-230V)	60°F (15.6°C)	80°F	TC	13.17	14.71	15.35	16.02	17.63	19.34	21.01	22.70	24.28	25.78	31.63	36.77	37.50	38.38	
		Input	2.67	2.52	2.47	2.41	2.45	2.53	2.45	2.36	2.31	2.28	2.68	3.03	2.93	2.86		
	65°F (18.3°C)	70°F	TC	12.76	14.25	14.87	15.56	17.18	18.80	20.32	21.98	23.55	25.03	30.83	35.73	36.27	37.41	
		Input	2.72	2.58	2.54	2.48	2.52	2.58	2.51	2.42	2.37	2.33	2.75	3.09	3.02	2.93		
	75°F (23.9°C)	70°F	TC	12.45	13.83	14.50	15.04	16.80	18.23	19.79	21.30	22.77	24.21	29.90	34.56	35.39	36.28	
		Input	2.79	2.66	2.60	2.53	2.58	2.65	2.58	2.49	2.43	2.38	2.83	3.18	3.09	3.02		
CMZ-48-4Z (208-230V)	60°F (15.6°C)	80°F	TC	11.97	13.28	13.89	14.50	15.87	17.47	18.98	20.51	21.98	23.31	28.85	33.07	33.79	34.72	
		Input	2.86	2.74	2.69	2.62	2.67	2.73	2.66	2.57	2.49	2.46	2.93	3.27	3.19	3.11		
	65°F (18.3°C)	70°F	TC	20.48	22.78	23.94	24.83	27.31	30.28	31.28	32.30	33.64	34.59	40.93	47.21	48.24	49.48	
		Input	4.20	3.98	3.82	3.81	3.80	3.85	3.74	3.60	3.47	3.34	3.67	4.05	3.91	3.87		
	75°F (23.9°C)	70°F	TC	19.86	22.20	23.15	24.11	26.51	29.37	30.52	31.36	32.50	33.55	39.52	46.06	47.06	48.08	
		Input	4.30	4.06	3.93	3.90	3.88	3.96	3.83	3.68	3.56	3.42	3.78	4.15	4.02	3.96		
CMZ-54-5Z (208-230V)	60°F (15.6°C)	80°F	TC	19.36	21.51	22.46	23.38	25.74	28.51	29.57	30.60	31.59	32.64	38.34	44.63	45.83	46.86	
		Input	4.39	4.18	4.05	3.98	4.00	4.08	3.92	3.76	3.64	3.51	3.86	4.26	4.15	4.05		
	65°F (18.3°C)	75°F	TC	18.61	20.69	21.68	22.54	24.74	27.23	28.36	29.52	30.52	31.46	36.73	42.98	43.81	45.08	
		Input	4.51	4.32	4.16	4.10	4.13	4.20	4.03	3.86	3.76	3.62	3.99	4.37	4.27	4.16		
	75°F (23.9°C)	70°F	TC	24.10	26.70	28.06	28.99	32.55	35.95	36.70	37.78	38.99	39.62	48.29				