

COOLING PERFORMANCE DATA

Model	Cooling																	
	Indoor Conditions		TC	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		-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
AHU18-SG2 CPR18CD(O) (208-230V)	65°F (18.3°C)	54°F (12.2°C)	TC	19.27	18.88	18.52	18.19	18.31	18.22	18.05	18.63	18.45	17.29	16.15	14.17	12.38	10.60	8.76
			SC	13.61	13.60	13.51	13.66	13.29	13.95	13.63	14.68	14.10	13.40	12.87	11.69	10.83	10.00	8.70
			Input	0.68	0.69	0.72	0.75	1.02	1.05	1.08	1.14	1.16	1.37	1.82	1.69	1.59	1.61	1.57
	70°F (21.1°C)	59°F (15°C)	TC	20.30	20.06	19.66	19.22	19.09	18.98	19.10	19.51	19.46	18.18	16.87	14.88	13.16	11.23	9.13
			SC	14.27	14.36	14.26	14.37	13.78	14.44	14.35	15.30	14.80	14.02	13.38	12.21	11.45	10.54	9.04
			Input	0.68	0.70	0.72	0.75	1.02	1.03	1.08	1.14	1.17	1.37	1.80	1.68	1.61	1.62	1.56
	75°F (23.9°C)	63°F (17.2°C)	TC	21.15	21.00	20.68	20.26	20.05	20.08	20.30	20.47	20.68	19.20	17.76	15.80	13.81	11.82	9.62
			SC	14.79	14.96	14.92	15.06	14.41	15.19	15.16	15.95	15.64	14.73	14.01	12.91	11.95	11.03	9.49
			Input	0.67	0.70	0.72	0.75	1.02	1.03	1.09	1.13	1.18	1.37	1.79	1.68	1.60	1.62	1.55
	80°F (26.7°C)	67°F (19.4°C)	TC	22.28	22.13	21.86	21.55	21.06	21.23	21.39	21.55	21.72	20.38	18.81	16.57	14.55	12.48	10.21
			SC	15.49	15.67	15.67	15.95	15.06	15.96	15.89	16.70	16.33	15.55	14.77	13.46	12.53	11.58	10.02
			Input	0.68	0.70	0.73	0.76	1.01	1.05	1.09	1.13	1.18	1.68	1.80	1.69	1.60	1.62	1.58
AHU24-SG2 CPR24CD(O) (208-230V)	65°F (18.3°C)	54°F (12.2°C)	TC	27.26	28.16	27.95	27.27	27.91	26.72	26.47	25.76	25.49	24.23	23.08	22.26	21.51	19.88	18.55
			SC	18.97	19.68	19.92	20.42	20.37	20.13	20.63	19.84	19.90	19.01	18.39	18.43	18.99	18.38	18.44
			Input	1.31	1.50	1.53	1.51	1.51	1.57	1.61	1.73	1.81	2.19	2.72	2.74	2.78	2.84	2.89
	70°F (21.1°C)	59°F (15°C)	TC	28.91	29.37	29.74	28.59	29.66	28.03	27.72	27.26	26.64	25.67	24.50	23.63	22.57	20.99	19.37
			SC	20.01	20.42	21.07	21.28	21.54	20.99	21.50	20.87	20.67	20.02	19.44	19.44	19.82	19.29	19.18
			Input	1.32	1.48	1.54	1.50	1.53	1.56	1.62	1.74	1.81	2.21	2.77	2.77	2.79	2.84	2.88
	75°F (23.9°C)	63°F (17.2°C)	TC	30.69	31.24	31.04	30.41	31.03	29.79	29.45	28.60	28.34	27.19	25.98	24.77	23.76	22.12	20.56
			SC	21.13	21.59	21.89	22.52	22.39	22.18	22.74	21.79	21.85	21.08	20.49	20.26	20.75	20.22	20.27
			Input	1.34	1.48	1.52	1.51	1.53	1.59	1.64	1.72	1.82	2.21	2.78	2.76	2.79	2.84	2.90
	80°F (26.7°C)	67°F (19.4°C)	TC	32.34	32.71	32.37	31.94	32.35	31.63	30.94	30.27	29.58	28.48	27.55	26.11	24.80	23.31	21.44
			SC	22.15	22.47	22.69	23.51	23.20	23.40	23.76	22.91	22.66	21.95	21.63	21.22	21.52	21.18	21.05
			Input	1.35	1.48	1.50	1.51	1.53	1.59	1.65	1.73	1.82	2.67	2.82	2.79	2.77	2.83	2.87
AHU30-SG2 CPR30CD(O) (208-230V)	65°F (18.3°C)	54°F (12.2°C)	TC	30.45	30.75	31.27	30.94	31.07	31.63	32.26	32.69	32.22	30.65	28.44	26.80	26.28	23.40	21.20
			SC	21.10	22.09	22.43	23.06	22.68	23.65	25.01	25.21	25.04	23.96	22.53	22.78	23.96	21.65	21.18
			Input	1.92	1.96	1.97	1.95	2.16	2.15	2.29	2.34	2.31	2.64	3.26	3.10	3.20	3.14	3.15
	70°F (21.1°C)	59°F (15°C)	TC	32.13	32.33	33.12	32.81	32.92	33.08	33.85	34.05	34.21	32.03	30.22	28.51	27.69	24.76	22.46
			SC	22.15	23.10	23.62	24.33	23.89	24.57	26.07	26.12	26.42	24.91	23.84	24.10	25.12	22.80	22.34
			Input	1.91	1.97	2.00	1.95	2.15	2.16	2.30	2.32	2.34	2.63	3.29	3.16	3.24	3.13	3.18
	75°F (23.9°C)	63°F (17.2°C)	TC	34.03	34.21	34.61	34.64	34.29	35.12	35.45	35.92	36.31	34.04	31.61	30.33	28.96	26.34	23.69
			SC	23.34	24.34	24.53	25.55	24.75	25.92	27.14	27.40	27.92	26.34	24.78	25.50	26.11	24.14	23.47
			Input	1.91	1.99	2.00	1.97	2.12	2.19	2.26	2.35	2.38	2.65	3.23	3.20	3.21	3.19	3.19
	80°F (26.7°C)	67°F (19.4°C)	TC	36.09	36.13	36.13	36.12	36.40	36.74	37.08	37.42	37.83	35.87	33.52	31.73	30.17	27.78	24.75
			SC	24.61	25.54	25.47	26.52	26.14	26.97	28.22	28.36	28.90	27.62	26.15	26.56	27.06	25.34	24.40
			Input	1.91	1.98	1.97	1.96	2.15	2.20	2.25	2.30	2.36	3.09	3.23	3.18	3.16	3.17	3.18
AHU36-SG2 CPR36CD(O) (208-230V)	65°F (18.3°C)	54°F (12.2°C)	TC	35.53	36.81	35.96	36.69	36.28	36.53	36.58	36.25	36.75	34.76	33.06	32.14	29.72	27.74	24.74
			SC	24.59	26.15	25.80	27.31	27.13	28.51	27.77	28.71	29.19	27.68	27.36	27.12	26.67	26.15	24.62
			Input	2.74	2.92	2.75	2.80	2.77	2.85	2.96	3.11	3.23	3.46	4.03	3.99	3.88	3.96	3.83
	70°F (21.1°C)	59°F (15°C)	TC	37.33	38.79	37.89	38.34	37.99	38.25	38.67	38.44	38.69	36.93	35.13	33.52	31.55	29.07	26.13
			SC	25.70	27.41	27.06	28.39	28.26	29.67	29.21	30.27	30.55	29.27	28.93	28.13	28.18	27.24	25.89
			Input	2.76	2.90	2.78	2.77	2.78	2.85	3.00	3.11	3.21	3.51	4.07	3.98	3.90	3.96	3.89
	75°F (23.9°C)	63°F (17.2°C)	TC	39.46	40.87	39.89	40.06	40.24	40.26	40.70	40.85	40.59	38.72	36.67	35.21	33.32	30.86	27.74
			SC	27.04	28.71	28.31	29.51	29.78	31.09	30.56	31.98	31.90	30.50	30.01	29.37	29.61	28.73	27.36
			Input	2.78	2.92	2.80	2.76	2.79	2.86	3.03	3.13	3.18	3.48	4.01	4.01	3.95	4.01	3.96
	80°F (26.7°C)	67°F (19.4°C)	TC	41.27	42.66	42.34	42.04	42.59	42.69	42.80	42.91	43.00	41.19	38.97	37.14	35.07	32.42	29.32
			SC	28.15	29.82	29.89	30.77	31.34	32.79	31.97	33.42	33.58	32.25	31.68	30.82	30.97	30.02	28.79
			Input	2.75	2.87	2.82	2.76	2.79	2.90	3.00	3.11	3.23	3.90	4.03	4.00	3.95	3.97	4.00

AHU48-SG2 CPR48CD(O) (208-230V)	65°F (18.3°C)	54°F (12.2°C)	TC	46.02	45.86	45.47	46.13	44.91	45.36	46.29	45.98	47.33	44.09	41.65	39.17	37.60	35.28	30.96
			SC	32.04	33.41	33.33	33.05	33.56	34.70	35.69	36.16	37.14	35.09	33.39	32.25	33.26	32.85	30.96
			Input	2.17	2.31	2.27	2.34	2.31	2.56	3.02	3.35	4.00	4.44	5.21	5.07	5.14	5.24	5.24
	70°F (21.1°C)	59°F (15°C)	TC	48.14	48.59	47.51	48.15	47.67	48.00	48.47	48.71	50.04	46.50	44.07	40.89	39.92	36.87	32.25
			SC	33.32	35.19	34.60	34.28	35.40	36.55	37.19	38.13	39.07	36.78	35.17	33.49	35.11	34.15	32.14
			Input	2.18	2.33	2.23	2.30	2.32	2.58	2.99	3.36	4.03	4.49	5.24	5.06	5.22	5.23	5.20
	75°F (23.9°C)	63°F (17.2°C)	TC	50.88	50.82	50.39	50.85	50.45	50.15	51.40	51.43	52.50	49.32	46.35	43.50	41.58	38.41	33.91
			SC	35.03	36.61	36.46	36.01	37.30	37.99	39.24	40.00	40.77	38.80	36.79	35.46	36.36	35.35	33.65
			Input	2.20	2.29	2.23	2.29	2.32	2.57	2.99	3.39	4.04	4.56	5.23	5.12	5.17	5.19	5.17
	80°F (26.7°C)	67°F (19.4°C)	TC	53.90	53.22	53.26	53.30	52.83	53.30	53.76	54.25	54.75	51.91	48.58	46.13	43.72	40.13	36.03
			SC	36.87	38.10	38.30	37.58	38.88	40.13	40.81	41.94	42.27	40.59	38.38	37.41	38.04	36.72	35.60
			Input	2.21	2.26	2.26	2.27	2.31	2.60	2.95	3.40	3.99	4.91	5.24	5.19	5.13	5.19	5.24
AHU60-SG2 CPR60CD(O) (208-230V)	65°F (18.3°C)	54°F (12.2°C)	TC	56.47	55.72	55.66	55.72	54.16	56.32	56.79	55.75	56.86	53.49	50.70	47.06	45.25	41.30	36.30
			SC	39.04	39.68	41.15	41.58	40.12	43.19	43.63	44.52	45.25	41.35	42.16	39.08	40.04	39.30	36.01
			Input	2.96	2.90	2.91	3.03	2.95	3.44	3.96	4.42	5.32	5.42	6.06	5.71	5.79	5.77	5.59
	70°F (21.1°C)	59°F (15°C)	TC	58.89	59.09	58.16	58.23	56.89	58.98	59.41	58.94	59.35	55.78	53.09	49.96	47.28	43.52	38.58
			SC	40.53	41.83	42.76	43.23	41.91	44.96	45.43	46.83	47.02	42.91	43.92	41.30	41.61	41.17	38.13
			Input	2.92	2.94	2.92	3.01	2.94	3.39	3.94	4.40	5.25	5.36	6.01	5.82	5.74	5.81	5.59
	75°F (23.9°C)	63°F (17.2°C)	TC	61.86	62.53	61.35	61.75	60.33	61.76	62.01	62.56	62.41	58.46	55.47	52.48	49.61	45.34	40.57
			SC	42.36	44.01	44.83	45.55	44.24	46.82	47.14	49.40	49.22	44.72	45.65	43.15	43.40	42.68	39.94
			Input	2.91	2.97	2.94	3.06	2.99	3.38	3.88	4.48	5.24	5.37	5.93	5.79	5.75	5.78	5.64
	80°F (26.7°C)	67°F (19.4°C)	TC	64.44	65.34	64.78	64.32	63.98	64.46	64.94	65.38	65.83	61.61	57.79	54.95	52.01	48.18	42.70
			SC	43.88	45.74	47.09	47.21	46.70	48.60	49.09	51.32	51.68	46.82	47.33	44.95	45.19	45.09	41.85
			Input	2.88	2.96	2.97	2.99	3.00	3.38	3.86	4.44	5.24	5.52	5.85	5.77	5.73	5.78	5.70

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		5°F	10°F	17°F	20°F	25°F	32°F	35°F	40°F	47°F	50°F	57°F
			-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
AHU18-SG2 CPR18CD(O) (208-230V)	60°F (15.6°C)	TC	10.17	11.27	12.52	13.17	13.90	14.41	14.92	17.81	19.97	20.57	20.97
		Input	1.44	1.46	1.54	1.54	1.53	1.52	1.50	1.52	1.49	1.44	1.42
	65°F (18.3°C)	TC	9.87	10.92	12.17	12.77	13.43	13.97	14.52	17.26	19.33	19.89	20.39
		Input	1.48	1.50	1.57	1.57	1.56	1.56	1.54	1.56	1.52	1.48	1.45
	70°F (21.1°C)	TC	9.55	10.60	11.84	12.44	13.00	13.59	14.16	16.68	18.82	19.33	19.76
		Input	1.51	1.54	1.61	1.61	1.60	1.59	1.58	1.60	1.56	1.52	1.48
75°F (23.9°C)	TC	9.17	10.18	11.34	11.91	12.49	13.11	13.65	15.96	18.11	18.52	18.91	
	Input	1.56	1.59	1.66	1.65	1.64	1.64	1.62	1.64	1.60	1.56	1.52	
AHU24-SG2 CPR24CD(O) (208-230V)	60°F (15.6°C)	TC	18.46	21.45	23.57	24.36	25.44	25.99	27.09	30.72	34.32	34.90	36.00
		Input	2.35	2.46	2.51	2.51	2.50	2.49	2.49	2.62	2.73	2.66	2.59
	65°F (18.3°C)	TC	17.94	20.80	22.91	23.74	24.63	25.26	26.22	29.82	33.29	33.95	34.92
		Input	2.42	2.53	2.56	2.57	2.57	2.57	2.57	2.68	2.80	2.73	2.65
	70°F (21.1°C)	TC	17.45	20.12	22.35	23.10	23.87	24.62	25.43	28.81	32.20	33.06	33.81
		Input	2.47	2.59	2.62	2.63	2.63	2.62	2.62	2.75	2.88	2.81	2.73
75°F (23.9°C)	TC	16.79	19.38	21.50	22.27	23.01	23.70	24.39	27.81	30.97	31.64	32.49	
	Input	2.54	2.66	2.71	2.70	2.72	2.69	2.70	2.84	2.96	2.91	2.82	
AHU30-SG2 CPR30CD(O) (208-230V)	60°F (15.6°C)	TC	21.54	22.07	23.00	23.45	23.96	24.36	24.96	28.94	34.17	35.02	35.64
		Input	2.82	2.73	2.67	2.64	2.60	2.58	2.54	2.55	2.60	2.54	2.48
	65°F (18.3°C)	TC	20.83	21.51	22.22	22.77	23.27	23.76	24.12	28.10	33.15	34.03	34.70
		Input	2.90	2.82	2.74	2.71	2.67	2.64	2.62	2.61	2.66	2.59	2.54
	70°F (21.1°C)	TC	20.14	20.84	21.68	22.13	22.57	23.00	23.39	27.36	32.21	32.95	33.82
		Input	2.99	2.89	2.81	2.78	2.75	2.72	2.67	2.69	2.73	2.66	2.59
75°F (23.9°C)	TC	19.30	20.11	20.81	21.31	21.60	22.18	22.57	26.40	31.09	31.59	32.57	
	Input	3.09	2.98	2.89	2.88	2.83	2.79	2.77	2.76	2.82	2.74	2.68	
AHU36-SG2 CPR36CD(O) (208-230V)	60°F (15.6°C)	TC	20.54	21.42	22.05	23.82	25.73	27.74	29.42	34.69	40.07	40.93	41.79
		Input	2.91	2.86	2.84	2.87	2.88	2.91	2.93	3.38	3.71	3.66	3.55
	65°F (18.3°C)	TC	19.96	20.79	21.47	23.15	24.93	26.83	28.48	33.81	38.72	39.59	40.69
		Input	2.99	2.95	2.91	2.94	2.96	3.00	3.01	3.46	3.82	3.75	3.64
	70°F (21.1°C)	TC	19.32	20.13	20.79	22.52	24.25	26.02	27.65	32.70	37.44	38.47	39.32
		Input	3.05	3.01	2.98	3.01	3.05	3.08	3.10	3.54	3.94	3.83	3.74
75°F (23.9°C)	TC	18.49	19.32	20.02	21.64	23.19	25.01	26.44	31.39	35.91	36.86	37.66	
	Input	3.14	3.09	3.07	3.10	3.15	3.16	3.18	3.65	4.04	3.93	3.83	
AHU48-SG2 CPR48CD(O) (208-230V)	60°F (15.6°C)	TC	30.80	35.00	40.31	41.65	43.25	44.97	46.07	56.27	64.65	66.12	67.69
		Input	4.63	4.76	5.00	4.86	4.83	4.68	4.63	4.98	5.34	5.14	5.01
	65°F (18.3°C)	TC	29.76	33.81	39.02	40.52	41.87	43.78	44.86	54.36	62.46	64.07	65.78
		Input	4.75	4.87	5.11	5.01	4.95	4.81	4.77	5.11	5.45	5.27	5.15
	70°F (21.1°C)	TC	28.75	32.86	37.88	39.34	40.85	42.34	43.64	52.57	60.82	62.39	63.86
		Input	4.90	5.01	5.25	5.13	5.05	4.96	4.88	5.26	5.58	5.42	5.30
75°F (23.9°C)	TC	27.54	31.41	36.48	37.88	39.13	40.52	41.68	50.42	58.69	59.89	61.56	
	Input	5.03	5.16	5.42	5.31	5.22	5.13	5.05	5.42	5.72	5.61	5.43	
AHU60-SG2 CPR60CD(O) (208-230V)	60°F (15.6°C)	TC	32.06	33.63	36.18	38.60	41.11	43.79	46.82	57.76	67.59	69.07	70.08
		Input	4.64	4.67	4.73	4.77	4.81	4.91	4.93	5.30	5.47	5.29	5.14
	65°F (18.3°C)	TC	31.04	32.75	34.99	37.44	40.07	42.72	45.58	55.86	65.31	66.86	68.11
		Input	4.74	4.82	4.87	4.91	4.94	5.04	5.06	5.41	5.60	5.43	5.30
	70°F (21.1°C)	TC	30.07	31.86	33.87	36.35	39.02	41.68	44.21	54.13	63.28	64.98	66.45
		Input	4.89	4.93	5.00	5.02	5.09	5.15	5.19	5.53	5.73	5.57	5.45
75°F (23.9°C)	TC	28.75	30.58	32.55	34.72	37.42	40.01	42.27	52.24	60.75	62.25	63.46	
	Input	5.06	5.09	5.15	5.15	5.26	5.29	5.33	5.68	5.88	5.76	5.59	

LEGEND

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