

Hyper Heat Cooling Performance Specifications

Cooling performance data		LEGEND: TC --- Total Net Capacity (1000 Btu/hour) SC --- Sensible Capacity (1000 Btu/hour) Input --- Total Power (kW) DB --- Dry Bulb Temperature Measurement																	
		Cooling			Outdoor conditions (DB)														
Model	Indoor Conditions DB			5F	17F	25F	35F	47F	55F	65F	75F	80F	85F	95F	105F	110F	115F	122F	
	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	
CENTRAL-24-HP-MUAH230A00 HP-C-230A00	65F (18.3°C)	54F(12.2°C)	TC	27.17	26.73	26.42	25.22	26.10	24.86	25.20	24.36	23.93	23.74	23.17	21.12	18.96	16.57	13.85	
			SC	18.49	19.46	19.34	18.90	19.15	18.91	19.61	19.35	18.41	19.11	18.73	18.21	17.34	15.46	13.81	
			Input	1.33	1.39	1.41	1.43	1.58	1.59	1.67	1.75	1.86	2.13	2.50	2.44	2.48	2.70	2.91	
		70F (21.1°C)	59F(15°C)	TC	28.76	27.91	27.70	26.83	27.45	26.42	26.39	25.86	25.01	24.73	24.21	22.23	20.42	17.37	14.43
				SC	19.44	20.18	20.15	19.97	20.03	19.97	20.41	20.42	19.13	19.79	19.45	19.05	18.22	16.11	14.33
				Input	1.35	1.37	1.42	1.44	1.58	1.59	1.68	1.77	1.86	2.11	2.46	2.46	2.67	2.86	
	75F (23.9°C)	63F(17.2°C)	TC	30.43	29.66	29.37	28.43	28.83	27.81	27.75	27.19	26.08	26.22	25.38	23.47	21.01	18.42	15.28	
			SC	20.46	21.33	21.25	21.03	20.94	20.92	21.35	21.37	19.83	20.86	20.27	19.99	19.01	16.98	15.11	
			Input	1.35	1.37	1.43	1.45	1.56	1.61	1.69	1.78	1.83	2.13	2.43	2.45	2.46	2.69	2.85	
		80F (26.7°C)	67F(19.4°C)	TC	31.96	31.48	30.82	30.24	30.19	29.55	28.96	28.33	27.74	27.40	27.00	24.55	21.95	19.18	16.19
				SC	21.38	22.54	22.16	22.26	21.80	22.11	22.16	22.12	20.97	21.67	21.44	20.80	19.75	17.59	15.95
				Input	1.35	1.40	1.42	1.45	1.55	1.61	1.68	1.76	1.83	2.32	2.44	2.45	2.43	2.66	2.89
CENTRAL-36-HP-MUAH230A00 HP-C-230A00	65F (18.3°C)	54F(12.2°C)	TC	42.25	46.22	45.70	46.06	44.74	43.87	45.14	43.85	43.91	41.87	40.25	37.83	36.96	33.69	29.76	
			SC	28.36	32.44	33.90	33.32	34.13	33.47	34.27	34.49	34.20	33.32	32.63	31.66	32.67	32.07	29.62	
			Input	1.79	2.19	2.43	2.77	2.70	2.83	3.07	3.07	3.07	4.02	5.49	5.23	5.44	5.69	5.47	
		70F (21.1°C)	59F(15°C)	TC	44.66	48.81	47.60	48.23	47.34	46.32	47.07	46.11	46.27	44.17	42.32	40.20	38.82	35.50	31.04
				SC	29.82	34.05	35.09	34.67	35.89	35.18	35.57	36.04	35.83	34.98	34.09	33.49	34.12	33.58	30.78
				Input	1.78	2.18	2.41	2.76	2.74	2.85	3.03	3.06	3.28	4.06	5.52	5.31	5.45	5.65	5.45
	75F (23.9°C)	63F(17.2°C)	TC	47.51	51.27	50.64	51.04	49.62	48.55	49.09	48.74	48.45	46.84	45.02	42.50	40.56	37.21	32.88	
			SC	31.56	35.54	37.10	36.50	37.45	36.66	36.89	37.91	37.30	36.90	36.05	35.25	35.47	35.00	32.49	
			Input	1.79	2.16	2.42	2.80	2.75	2.84	2.98	3.09	3.23	4.09	5.59	5.38	5.42	5.60	5.51	
		80F (26.7°C)	67F(19.4°C)	TC	49.54	54.02	53.87	53.72	51.80	51.65	51.51	51.36	51.22	49.35	47.49	45.16	42.74	39.17	34.72
				SC	32.70	37.22	39.27	38.20	38.85	38.79	38.53	39.75	39.18	38.69	37.85	37.22	37.14	36.62	34.16
				Input	1.78	2.18	2.43	2.81	2.73	2.84	2.98	3.12	3.27	5.19	5.56	5.49	5.45	5.56	5.49
CENTRAL-48-HP-MUAH230A00 HP-C-230A00	65F (18.3°C)	54F(12.2°C)	TC	42.78	48.27	47.81	48.92	48.98	48.17	47.10	45.39	44.95	44.03	43.21	40.38	39.59	36.59	32.59	
			SC	28.76	35.02	33.56	36.50	36.54	35.84	37.14	35.27	34.34	34.69	35.00	33.58	35.94	33.76	32.59	
			Input	2.94	3.45	3.39	3.41	3.82	3.74	3.74	3.63	3.62	4.47	5.81	5.63	5.57	5.75	5.59	
		70F (21.1°C)	59F(15°C)	TC	44.89	50.60	50.48	51.17	51.66	50.44	49.48	47.68	47.77	46.00	45.58	42.92	41.41	38.52	34.54
				SC	30.02	36.53	35.27	37.97	38.35	37.35	38.77	36.87	36.27	36.09	36.70	35.46	37.42	35.36	34.23
				Input	2.93	3.44	3.42	3.37	3.80	3.74	3.74	3.64	3.62	4.42	5.81	5.66	5.58	5.80	5.60
	75F (23.9°C)	63F(17.2°C)	TC	47.00	52.87	53.59	53.69	53.82	52.98	52.36	50.50	50.23	48.38	48.03	44.98	43.14	40.63	36.71	
			SC	31.27	37.96	37.21	39.58	39.76	39.05	40.82	38.89	37.95	37.77	38.47	36.97	38.75	37.10	36.23	
			Input	2.91	3.38	3.44	3.38	3.78	3.72	3.77	3.66	3.63	4.40	5.78	5.58	5.55	5.79	5.65	
		80F (26.7°C)	67F(19.4°C)	TC	50.00	55.77	56.12	56.52	56.83	55.77	54.71	53.61	52.65	51.41	50.35	47.75	45.31	42.54	38.24
				SC	33.10	39.82	38.78	41.43	41.77	40.88	42.40	41.07	39.54	39.89	40.13	39.02	40.51	38.63	37.59
				Input	2.91	3.42	3.41	3.41	3.79	3.75	3.72	3.67	3.64	5.44	5.70	5.66	5.58	5.71	5.59
CENTRAL-60-HP-MUAH230A00 HP-C-230A00	65F (18.3°C)	54F(12.2°C)	TC	48.77	53.84	53.17	54.43	53.62	54.27	52.94	53.03	53.51	50.85	48.46	46.28	42.61	39.92	35.83	
			SC	33.66	38.60	38.59	40.93	39.53	41.33	41.56	41.41	40.83	39.98	39.68	39.01	37.65	36.77	35.77	
			Input	2.71	3.17	3.30	3.58	3.77	4.06	4.36	4.69	4.98	5.44	6.47	6.37	6.20	6.57	6.46	
		70F (21.1°C)	59F(15°C)	TC	51.72	56.49	56.44	57.23	55.91	56.65	55.15	56.41	56.57	53.93	51.44	48.97	45.28	41.67	37.91
				SC	35.48	40.27	40.72	42.85	41.02	42.93	43.08	43.78	42.95	42.21	41.91	41.07	39.82	38.15	37.71
				Input	2.71	3.19	3.35	3.58	3.77	4.05	4.30	4.72	5.00	5.53	6.45	6.41	6.31	6.48	6.45
	75F (23.9°C)	63F(17.2°C)	TC	54.67	59.53	59.98	60.69	58.92	59.26	58.67	59.32	59.11	56.41	53.75	51.44	47.77	43.87	39.78	
			SC	37.33	42.24	43.03	45.20	42.96	44.65	45.62	45.78	44.66	43.89	43.58	42.92	41.82	39.90	39.42	
			Input	2.69	3.20	3.40	3.65	3.80	4.03	4.31	4.73	5.02	5.53	6.41	6.44	6.30	6.46	6.50	
		80F (26.7°C)	67F(19.4°C)	TC	57.67	62.79	63.27	63.88	62.41	62.31	62.21	62.12	62.03	59.13	56.40	53.58	50.76	46.57	41.79
				SC	39.16	44.27	45.18	47.12	45.25	46.67	48.09	47.71	46.58	45.77	45.46	44.47	44.21	42.10	41.25
				Input	2.72	3.22	3.41	3.64	3.80	4.06	4.35	4.67	5.03	6.09	6.45	6.41	6.32	6.45	6.52

Hyper Heat Heating Performance Specifications

Heating performance data		LEGEND: TC --- Total Net Capacity (1000 Btu/hour) SC --- Sensible Capacity (1000 Btu/hour) Input --- Total Power (kW) DB --- Dry Bulb Temperature Measurement															
		Heating		Outdoor conditions (DB)													
Model	Indoor Conditions DB	-22F	-13F	-4F	0F	5F	10F	17F	20F	25F	32F	35F	40F	47F	50F	57F	
		-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	
CENTRAL-24-HP-MUAH230A00 HP-C-230A00	60F (15.6°C)	TC	18.42	21.32	23.64	24.78	25.75	25.77	26.00	26.79	27.34	28.12	28.91	31.22	33.10	33.80	33.99
		Input	3.92	3.97	3.79	3.69	3.62	3.43	3.24	3.15	3.11	3.07	3.03	2.91	2.77	2.73	2.69
	65F (18.3°C)	TC	17.90	20.68	22.86	23.94	24.97	25.07	25.19	25.91	26.62	27.43	27.99	30.28	32.01	32.76	32.97
		Input	4.03	4.08	3.87	3.78	3.70	3.50	3.32	3.25	3.20	3.15	3.11	2.99	2.83	2.79	2.76
	70F (21.1°C)	TC	17.38	19.98	22.20	23.20	24.13	24.25	24.39	25.15	25.90	26.63	27.30	29.29	31.23	31.74	32.17
		Input	4.15	4.19	3.99	3.88	3.80	3.59	3.39	3.34	3.29	3.25	3.19	3.05	2.90	2.88	2.84
	75F (23.9°C)	TC	16.69	19.14	21.31	22.32	23.07	23.15	23.53	24.07	24.96	25.62	26.32	28.26	29.95	30.50	30.72
		Input	4.25	4.29	4.12	4.00	3.91	3.68	3.50	3.45	3.39	3.36	3.30	3.16	2.99	2.96	2.91
CENTRAL-36-HP-MUAH230A00 HP-C-230A00	60F (15.6°C)	TC	22.99	26.97	31.48	34.14	36.32	41.29	45.58	46.09	46.22	46.67	46.87	54.10	60.54	61.77	64.06
		Input	4.73	4.59	5.06	4.98	4.87	5.48	6.09	5.74	5.43	5.16	4.88	5.20	5.40	5.21	5.16
	65F (18.3°C)	TC	22.25	26.32	30.41	33.11	35.33	40.01	44.08	44.61	44.66	45.40	45.37	52.73	58.66	60.20	62.19
		Input	4.87	4.70	5.19	5.10	4.99	5.64	6.27	5.88	5.54	5.30	4.99	5.35	5.53	5.37	5.28
	70F (21.1°C)	TC	21.50	25.50	29.50	32.02	34.40	38.66	42.84	43.19	43.52	43.86	44.18	51.09	57.23	58.67	60.09
		Input	5.00	4.82	5.34	5.25	5.12	5.78	6.44	6.03	5.69	5.41	5.14	5.48	5.69	5.52	5.41
	75F (23.9°C)	TC	20.60	24.35	28.47	30.77	33.02	36.96	41.00	41.29	41.78	42.15	42.23	48.80	54.88	56.33	57.69
		Input	5.14	4.95	5.50	5.39	5.29	5.94	6.60	6.22	5.83	5.60	5.28	5.62	5.83	5.66	5.58
CENTRAL-48-HP-MUAH230A00 HP-C-230A00	60F (15.6°C)	TC	26.09	30.77	38.04	43.99	49.54	51.76	53.92	54.33	54.95	55.82	56.03	61.05	66.41	67.76	69.33
		Input	5.00	5.13	5.46	6.10	6.79	6.55	6.49	6.15	5.88	5.56	5.37	5.44	5.42	5.32	5.16
	65F (18.3°C)	TC	25.36	29.90	36.94	42.79	48.23	50.01	52.20	52.85	53.29	54.25	54.56	59.39	64.48	65.79	67.11
		Input	5.12	5.28	5.58	6.26	6.96	6.73	6.62	6.30	6.02	5.73	5.53	5.57	5.58	5.46	5.30
	70F (21.1°C)	TC	24.50	29.00	36.00	41.58	47.06	48.70	50.44	51.11	51.74	52.41	53.02	57.94	62.30	63.87	65.41
		Input	5.24	5.41	5.73	6.45	7.10	6.91	6.76	6.44	6.17	5.90	5.66	5.72	5.73	5.59	5.44
	75F (23.9°C)	TC	23.52	27.78	34.67	39.88	45.27	46.85	48.62	49.06	49.52	50.58	50.95	55.39	59.68	61.06	63.06
		Input	5.41	5.55	5.93	6.63	7.29	7.13	6.99	6.61	6.33	6.09	5.83	5.90	5.89	5.77	5.62
CENTRAL-60-HP-MUAH230A00 HP-C-230A00	60F (15.6°C)	TC	31.91	45.75	50.59	52.35	53.99	54.86	55.80	57.71	58.89	60.59	62.15	67.02	74.51	75.75	77.71
		Input	6.14	6.50	6.85	6.93	7.09	6.67	6.34	6.20	6.08	6.01	5.86	5.69	5.65	5.46	5.28
	65F (18.3°C)	TC	30.83	44.59	48.88	50.68	52.57	53.52	53.97	55.76	57.00	58.71	60.17	65.19	72.13	73.68	75.66
		Input	6.30	6.69	7.00	7.10	7.30	6.84	6.52	6.38	6.23	6.14	6.02	5.84	5.76	5.59	5.43
	70F (21.1°C)	TC	29.90	43.50	47.50	49.34	51.19	51.86	52.50	53.92	55.34	56.78	58.19	63.60	69.83	71.47	73.32
		Input	6.49	6.89	7.14	7.31	7.49	7.05	6.69	6.53	6.38	6.27	6.14	5.98	5.89	5.74	5.59
	75F (23.9°C)	TC	28.70	41.80	45.51	47.52	48.93	49.74	50.19	51.71	52.85	54.68	55.57	61.06	66.96	68.61	70.39
		Input	6.68	7.13	7.32	7.49	7.67	7.25	6.86	6.72	6.56	6.45	6.33	6.14	6.06	5.93	5.78