



SINGLE ZONE 9K-24K COOLING PERFORMANCE DATA

Model	Cooling			5F (-15C)	17F (-8C)	47F (8C)	77F (25C)	86F (30C)	95F (35C)	104F (40C)	113F (45C)	122F (50C)
	Indoor											
	DB	WB										
3PAMSH09A-SZO 9K (115V)	69.8F (21C)	59F (15C)	TC	5.10	5.95	10.20	10.83	10.26	9.28	8.33	7.39	6.44
			SC	3.98	4.76	7.24	7.90	7.70	7.52	7.08	6.65	6.12
			Input	0.23	0.29	0.62	0.83	1.18	1.25	1.10	0.95	0.80
	75.2F (24C)	62.6F (17C)	TC	5.20	6.08	10.41	11.05	10.47	9.47	8.50	7.54	6.57
			SC	4.06	4.86	7.39	8.06	7.85	7.67	7.23	6.78	6.24
			Input	0.23	0.29	0.62	0.84	1.19	1.27	1.11	0.96	0.81
	80.6F (27C)	66.2F (19C)	TC	5.31	6.20	10.62	11.27	10.69	9.67	8.68	7.69	6.70
			SC	3.68	4.93	7.54	8.19	7.77	7.81	7.36	6.91	6.37
			Input	0.23	0.30	0.63	0.85	1.20	1.28	1.13	0.97	0.82
	89.6F (32C)	73.4F (23C)	TC	5.63	6.57	11.26	11.95	11.33	10.24	9.20	8.15	7.11
			SC	3.82	5.13	7.84	8.52	8.08	8.12	7.66	7.19	6.62
			Input	0.24	0.31	0.66	0.89	1.26	1.34	1.18	1.02	0.86
3PAMSH12A-SZO 12K (115V)	69.8F (21C)	59F (15C)	TC	5.56	6.48	10.38	11.60	12.91	11.93	10.98	9.58	9.09
			SC	4.34	5.18	7.37	8.47	9.68	9.67	9.34	8.63	8.63
			Input	0.28	0.33	0.66	0.94	1.25	1.23	1.08	1.18	0.78
	75.2F (24C)	62.6F (17C)	TC	5.67	6.61	10.59	11.84	13.18	12.18	11.21	9.78	9.27
			SC	4.42	5.29	7.52	8.64	9.88	9.86	9.53	8.80	8.81
			Input	0.29	0.33	0.67	0.95	1.26	1.24	1.09	1.19	0.79
	80.6F (27C)	66.2F (19C)	TC	5.79	6.74	10.81	12.08	13.45	12.42	11.44	9.98	9.46
			SC	3.77	4.48	7.66	9.28	8.88	8.02	7.48	6.93	6.38
			Input	0.29	0.34	0.68	0.96	1.28	1.26	1.10	1.20	0.79
	89.6F (32C)	73.4F (23C)	TC	6.13	7.15	11.46	12.80	14.25	13.17	12.12	10.58	10.03
			SC	3.92	4.66	7.97	9.65	9.24	8.34	7.78	7.21	6.64
			Input	0.30	0.35	0.71	1.00	1.34	1.32	1.16	1.26	0.83
3PAMSH09B-SZO 9K (208-230V)	69.8F (21C)	59F (15C)	TC	4.14	5.53	8.12	10.78	10.56	9.62	7.63	6.11	4.45
			SC	3.23	4.43	5.76	7.87	7.92	7.79	6.49	5.50	4.23
			Input	0.23	0.27	0.31	0.53	0.77	0.83	1.08	0.96	0.83
	75.2F (24C)	62.6F (17C)	TC	4.22	5.65	8.28	11.00	10.77	9.82	7.79	6.23	4.54
			SC	3.29	4.52	5.88	8.03	8.08	7.95	6.62	5.61	4.32
			Input	0.23	0.28	0.31	0.54	0.78	0.84	1.09	0.97	0.84
	80.6F (27C)	66.2F (19C)	TC	4.31	5.76	8.45	11.23	10.99	10.02	7.95	6.36	4.64
			SC	3.90	4.02	6.19	7.38	7.62	7.51	5.95	4.73	3.33
			Input	0.24	0.28	0.32	0.54	0.79	0.85	1.11	0.98	0.85
	89.6F (32C)	73.4F (23C)	TC	4.56	6.11	8.96	11.90	11.65	10.62	8.42	6.74	4.91
			SC	4.06	4.18	6.44	7.68	7.93	7.81	6.18	4.92	3.46
			Input	0.25	0.29	0.33	0.57	0.83	0.89	1.16	1.03	0.89
3PAMSH12B-SZO 12K (208-230V)	69.8F (21C)	59F (15C)	TC	4.27	6.67	9.71	11.88	12.91	11.34	10.98	9.30	9.09
			SC	3.33	5.33	6.89	8.68	9.68	9.18	9.34	8.37	8.63
			Input	0.23	0.31	0.56	0.74	1.15	1.18	1.08	1.17	0.78
	75.2F (24C)	62.6F (17C)	TC	4.35	6.80	9.90	12.13	13.17	11.57	11.21	9.49	9.27
			SC	3.40	5.44	7.03	8.85	9.88	9.37	9.53	8.54	8.81
			Input	0.23	0.32	0.57	0.75	1.16	1.19	1.09	1.18	0.78
	80.6F (27C)	66.2F (19C)	TC	4.44	6.94	10.11	12.37	13.44	11.81	11.44	9.68	9.46
			SC	3.77	5.38	8.06	8.88	8.88	8.02	7.47	6.93	6.38
			Input	0.24	0.32	0.57	0.75	1.17	1.20	1.10	1.19	0.79
	89.6F (32C)	73.4F (23C)	TC	4.71	7.36	10.71	13.12	14.25	12.51	12.12	10.26	10.03
			SC	3.92	5.59	8.38	9.23	9.23	8.34	7.77	7.20	6.64
			Input	0.25	0.34	0.60	0.79	1.23	1.26	1.15	1.25	0.83
3PAMSH18B-SZO 18K (208-230V)	69.8F (21C)	59F (15C)	TC	8.76	10.16	17.40	18.79	18.40	17.40	15.43	12.68	8.41
			SC	6.84	8.13	12.35	13.72	13.80	14.10	13.11	11.42	7.99
			Input	0.40	0.54	0.74	1.53	1.39	1.69	1.69	1.68	1.19
	75.2F (24C)	62.6F (17C)	TC	8.94	10.37	17.75	19.18	18.78	17.76	15.74	12.94	8.58
			SC	6.98	8.30	12.60	14.00	14.08	14.38	13.38	11.65	8.15
			Input	0.40	0.54	0.75	1.54	1.40	1.70	1.70	1.70	1.20
	80.6F (27C)	66.2F (19C)	TC	9.12	10.58	18.11	19.57	19.16	18.12	16.06	13.21	8.76
			SC	4.00	8.46	13.64	15.09	13.19	15.12	13.58	11.12	7.29
			Input	0.41	0.55	0.75	1.56	1.41	1.72	1.72	1.72	1.21
	89.6F (32C)	73.4F (23C)	TC	9.67	11.22	19.20	20.74	20.31	19.21	17.03	14.00	9.28
			SC	4.16	8.80	14.18	15.69	13.71	15.73	14.12	11.57	7.58
			Input	0.43	0.58	0.79	1.63	1.48	1.81	1.81	1.80	1.27
3PAMSH24B-SZO 24K (208-230V)	69.8F (21C)	59F (15C)	TC	10.40	17.56	25.67	27.64	25.84	21.98	18.15	13.25	7.50
			SC	8.11	14.05	18.23	20.18	19.38	17.80	15.43	11.92	7.12
			Input	1.24	1.37	1.57	1.96	2.57	2.55	2.40	2.19	2.04
	75.2F (24C)	62.6F (17C)	TC	10.61	17.92	26.20	28.20	26.37	22.43	18.52	13.52	7.65
			SC	8.28	14.33	18.60	20.59	19.78	18.17	15.74	12.17	7.27
			Input	1.26	1.39	1.59	1.97	2.60	2.58	2.42	2.21	2.06
	80.6F (27C)	66.2F (19C)	TC	10.83	18.28	26.73	28.78	26.91	22.89	18.90	13.80	7.81
			SC	3.47	14.58	17.15	19.14	16.54	14.68	14.13	10.23	5.68
			Input	1.27	1.40	1.61	1.99	2.62	2.60	2.45	2.24	2.08
	89.6F (32C)	73.4F (23C)	TC	11.48	19.38	28.33	30.51	28.52	24.26	20.03	14.62	8.28
			SC	3.61	15.16	17.83	19.91	17.20	15.27	14.70	10.64	5.91
			Input	1.33	1.47	1.69	2.09	2.75	2.73	2.57	2.35	2.19

LEGEND

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

SINGLE ZONE 9K-24K HEATING PERFORMANCE DATA

Model	Heating		5F (-15C)	17F (-8C)	19.4F (-7C)	24.8F (-4C)	32F (0C)	39.2F (4C)	44.6F (7C)	53.6F (12C)
	Indoor Conditions DB									
3PAMSH09A-SZO 9K (115V)	59F (15C)	TC	6.16	7.08	7.93	8.40	8.85	9.59	10.18	10.81
		Input	0.95	0.93	0.97	0.99	1.02	1.02	1.03	1.06
		COP	1.91	2.23	2.40	2.49	2.54	2.77	2.91	3.00
	64.4F (18C)	TC	6.13	6.86	7.55	8.37	9.37	10.26	11.69	12.70
		Input	1.01	1.02	1.04	0.90	0.81	0.92	1.12	1.09
		COP	1.79	1.97	2.12	2.72	3.40	3.26	3.07	3.41
	69F (20.5C)	TC	5.00	6.41	6.53	6.95	7.03	10.23	11.66	12.67
		Input	0.82	0.87	0.89	0.90	0.92	1.01	1.20	1.18
		COP	1.83	2.12	2.15	2.26	2.79	2.96	2.84	3.15
	71.6F (22C)	TC	5.31	5.93	6.66	7.55	8.31	8.73	9.22	9.55
		Input	0.84	0.89	0.92	0.92	1.09	1.11	1.13	1.02
		COP	1.86	1.94	2.13	2.42	2.25	2.31	2.39	2.74
3PAMSH12A-SZO 12K (115V)	59F (15C)	TC	6.37	7.89	8.78	9.55	10.55	11.46	12.45	12.89
		Input	0.88	0.90	0.92	0.99	0.99	1.15	1.21	1.01
		COP	2.11	2.57	2.79	2.84	3.11	2.92	3.01	3.73
	64.4F (18C)	TC	5.47	6.69	7.58	8.35	9.35	11.26	12.11	12.84
		Input	0.86	0.88	0.90	0.97	0.97	1.20	1.24	1.06
		COP	1.86	2.23	2.46	2.53	2.82	2.75	2.87	3.54
	69F (20.5C)	TC	5.53	5.89	7.09	7.55	8.41	11.16	12.03	12.75
		Input	0.81	0.86	0.86	0.95	0.95	1.21	1.26	1.07
		COP	2.01	2.01	2.43	2.34	2.60	2.70	2.80	3.48
	71.6F (22C)	TC	6.32	7.56	8.54	9.51	10.21	10.99	11.88	12.49
		Input	0.81	0.85	0.87	1.00	0.90	1.03	1.10	1.10
		COP	2.28	2.61	2.87	2.80	3.32	3.12	3.18	3.33
3PAMSH09B-SZO 9K (208-230V)	59F (15C)	TC	7.70	8.53	9.43	10.05	10.45	11.33	11.92	12.68
		Input	1.14	1.15	1.17	1.03	0.94	0.95	1.02	1.12
		COP	1.99	2.17	2.35	2.85	3.26	3.49	3.44	3.32
	64.4F (18C)	TC	6.50	7.33	8.23	8.85	9.85	11.13	11.72	12.48
		Input	1.12	1.13	1.15	1.01	0.92	1.00	1.07	1.17
		COP	1.71	1.90	2.09	2.56	3.14	3.25	3.22	3.12
	69F (20.5C)	TC	5.70	6.53	7.82	8.05	9.17	10.03	11.63	12.38
		Input	1.10	1.11	1.14	0.99	1.29	1.01	1.08	1.18
		COP	1.52	1.72	2.02	2.38	2.09	2.90	3.16	3.07
	71.6F (22C)	TC	6.95	7.68	8.58	8.90	9.30	10.14	11.13	12.29
		Input	1.03	1.20	1.23	1.08	0.98	1.02	1.09	1.19
		COP	1.99	1.87	2.05	2.42	2.78	2.90	3.00	3.02
3PAMSH12B-SZO 12K (208-230V)	59F (15C)	TC	8.89	9.84	10.87	11.11	11.35	11.86	12.41	13.00
		Input	1.27	0.81	1.37	0.90	1.01	1.17	1.51	1.04
		COP	2.06	3.54	2.32	3.61	3.30	2.98	2.41	3.66
	64.4F (18C)	TC	7.65	8.06	9.56	9.83	10.53	11.38	12.03	12.74
		Input	0.82	0.84	0.86	0.92	0.83	1.19	1.53	1.51
		COP	2.74	2.83	3.26	3.12	3.72	2.81	2.31	2.47
	69F (20.5C)	TC	6.07	6.98	8.08	8.95	8.87	12.20	13.65	14.06
		Input	0.84	0.86	0.88	0.95	1.50	1.21	1.55	1.54
		COP	2.11	2.38	2.69	2.78	2.39	2.96	2.58	2.68
	71.6F (22C)	TC	5.35	5.95	7.12	7.92	8.94	10.48	11.52	12.38
		Input	0.79	0.84	0.86	0.93	0.98	1.20	1.54	1.16
		COP	1.99	2.07	2.42	2.50	2.67	2.57	2.20	3.14
3PAMSH18B-SZO 18K (208-230V)	59F (15C)	TC	10.16	11.43	12.37	13.33	14.90	16.83	18.03	18.59
		Input	5.12	2.12	5.25	1.92	5.03	1.71	1.61	5.06
		COP	1.99	1.58	2.36	2.04	2.26	2.88	3.29	3.68
	64.4F (18C)	TC	10.05	11.95	12.45	13.45	15.65	16.85	18.15	18.17
		Input	2.25	2.15	2.04	1.94	1.84	1.73	1.63	1.62
		COP	1.31	1.63	1.79	2.03	2.50	2.85	3.26	3.29
	69F (20.5C)	TC	10.13	11.90	12.47	13.37	15.89	16.87	18.07	18.09
		Input	1.44	1.46	1.57	1.96	1.57	1.76	1.65	1.64
		COP	2.06	2.39	2.34	2.00	2.97	2.82	3.20	3.23
	71.6F (22C)	TC	8.78	11.25	12.50	13.35	14.74	16.85	18.05	18.18
		Input	5.02	2.15	5.47	1.95	5.41	1.74	1.64	5.52
		COP	1.75	1.53	2.29	2.01	2.72	2.84	3.23	3.29
3PAMSH24B-SZO 24K (208-230V)	59F (15C)	TC	16.77	19.76	21.26	23.01	24.12	25.70	26.17	26.60
		Input	2.88	2.76	2.83	2.62	2.44	2.47	2.33	2.82
		COP	1.71	2.10	2.10	2.57	2.08	3.05	3.29	3.00
	64.4F (18C)	TC	15.13	19.00	21.27	22.02	23.36	24.43	25.67	26.69
		Input	3.08	2.88	2.74	2.68	2.72	2.58	2.43	2.25
		COP	1.44	1.93	2.27	2.41	2.52	2.78	3.10	3.47
	69F (20.5C)	TC	14.92	18.50	20.79	21.22	22.45	23.69	24.52	25.29
		Input	3.17	2.92	2.83	2.77	2.83	2.66	2.52	2.43
		COP	1.38	1.86	2.15	2.25	2.32	2.61	2.85	3.05
	71.6F (22C)	TC	15.37	19.07	21.85	22.82	23.37	24.48	25.44	27.45
		Input	2.75	3.25	2.82	2.95	2.68	2.81	2.88	2.88
		COP	1.64	1.72	2.27	2.27	2.56	2.55	2.59	2.79

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