

HYPERTEK SINGLE ZONE 9K-24K COOLING PERFORMANCE DATA

Model	Cooling		Outdoor Conditions (DB)											
	Indoor		-4F	0F	5F	17F	47F	77F	86F	95F	104F	113F	122F	
	DB	WB	(-20C)	(-17C)	(-15C)	(-8C)	(8C)	(25C)	(30C)	(35C)	(40C)	(45C)	(50C)	
1PAMSHH09-SZO-25 9K (208-230V)	69.8F (21C)	59F (15C)	TC	10.77	11.74	11.71	11.05	9.1	12.36	12.58	11.57	9.37	8.95	7.76
			SC	8.1	8.65	8.5	8.01	7.41	10.51	10.69	9.83	7.96	7.61	6.60
			Input	0.64	0.6	0.58	0.66	0.9	0.72	0.93	1.21	1.04	0.95	0.90
	75.2F (24C)	62.6F (17C)	TC	12.63	12.44	12.37	11.93	12.52	12.82	13.04	12.03	9.83	9.41	8.22
			SC	9.35	9.46	9.18	8.97	8.99	10.90	11.08	10.23	8.36	8.00	6.99
			Input	0.57	0.63	0.62	0.7	1.02	0.93	1.14	1.42	1.25	1.16	1.11
	80.6F (27C)	66.2F (19C)	TC	12.92	12.68	12.74	12.8	12.88	13.34	13.45	13.26	11.70	10.32	9.02
			SC	9.7	9.56	9.52	9.24	8.32	11.34	11.43	12.25	9.95	8.77	7.67
			Input	0.59	0.64	0.63	0.72	0.92	1.14	1.35	1.63	1.46	1.37	1.32
	89.6F (32C)	73.4F (23C)	TC	12.73	13.89	13.49	12.64	10.58	13.84	13.95	14.91	12.20	10.82	9.52
			SC	9.81	9.86	9.62	9.28	8.74	11.76	11.86	12.67	10.37	9.20	8.09
			Input	0.65	0.63	0.67	0.73	1.01	1.35	1.56	1.84	1.67	1.58	1.53
1PAMSHH12-SZO-22.5 12K (208-230V)	69.8F (21C)	59F (15C)	TC	10.79	11.78	11.77	11.13	9.13	12.36	12.58	11.57	9.37	8.95	7.76
			SC	8.15	8.7	8.56	8.25	7.47	10.51	10.69	9.83	7.96	7.61	6.60
			Input	0.64	0.6	0.58	0.66	0.9	0.95	0.93	1.21	1.04	0.95	0.90
	75.2F (24C)	62.6F (17C)	TC	12.63	12.44	12.37	11.93	9.71	12.82	13.04	12.03	9.83	9.41	8.22
			SC	9.35	9.46	9.18	8.97	8.12	10.90	11.08	10.23	8.36	8.00	6.99
			Input	0.57	0.63	0.62	0.7	0.94	0.93	1.14	1.42	1.25	1.16	1.11
	80.6F (27C)	66.2F (19C)	TC	12.92	12.68	12.74	12.13	12.43	13.34	13.45	13.21	11.70	10.32	9.02
			SC	9.7	9.56	9.52	9.24	9.56	11.34	11.43	12.25	9.95	8.77	7.67
			Input	0.59	0.64	0.63	0.72	0.92	1.14	1.35	1.63	1.46	1.37	1.32
	89.6F (32C)	73.4F (23C)	TC	12.73	13.89	13.49	12.64	10.58	13.84	13.95	13.82	12.20	10.82	9.52
			SC	9.81	9.86	9.62	9.28	8.74	11.76	11.86	12.67	10.37	9.20	8.09
			Input	0.65	0.63	0.67	0.73	1.01	1.35	1.56	1.84	1.67	1.58	1.53
2PAMSHH18-SZO-20 18K (208-230V)	69.8F (21C)	59F (15C)	TC	16.76	16.44	16.39	17.02	14.38	16.08	17.64	17.46	15.75	13.02	9.65
			SC	12.93	12.77	12.75	12.96	11.71	14.15	15.52	15.36	13.86	11.46	8.49
			Input	0.98	0.97	0.97	0.95	0.61	1.49	1.79	1.90	1.86	1.60	1.30
	75.2F (24C)	62.6F (17C)	TC	17.58	17.47	17.33	17.70	15.14	17.33	18.89	18.71	17.00	14.27	10.90
			SC	13.72	13.65	13.57	13.69	12.53	15.25	16.62	16.46	14.96	12.56	9.59
			Input	0.99	0.97	0.98	0.96	0.62	1.48	1.78	1.89	1.85	1.59	1.29
	80.6F (27C)	66.2F (19C)	TC	18.64	18.63	18.40	18.56	18.52	18.58	19.52	19.96	18.25	15.52	12.15
			SC	14.46	14.41	14.37	14.26	14.65	16.54	17.92	17.76	16.24	13.81	10.81
			Input	0.95	0.98	1.00	0.79	1.03	1.51	1.81	1.92	1.88	1.62	1.32
	89.6F (32C)	73.4F (23C)	TC	24.60	25.29	24.77	24.74	16.37	18.79	20.35	20.17	18.46	15.73	12.36
			SC	16.58	16.68	16.45	16.41	13.36	16.72	18.11	17.95	16.43	14.00	11.00
			Input	0.65	0.68	0.71	0.83	0.60	1.55	1.85	1.96	1.92	1.66	1.36
1PAMSHH24-SZO-22.5 24K (208-230V)	69.8F (21C)	59F (15C)	TC	24.071	24.127	23.932	23.996	26.011	23.58	23.21	25.86	18.72	16.25	15.32
			SC	17.739	17.76	17.75	17.799	18.838	17.69	17.41	19.40	14.04	12.19	11.49
			Input	1.89	1.932	1.954	1.995	1.71	1.95	2.38	2.56	2.20	2.10	1.87
	75.2F (24C)	62.6F (17C)	TC	24.559	24.648	24.416	24.394	27.733	25.79	25.42	28.07	20.93	18.46	17.53
			SC	18.357	18.427	18.369	18.386	19.914	15.25	15.71	15.59	14.33	10.13	8.88
			Input	1.797	1.815	1.825	1.794	1.8	1.98	2.41	2.59	2.23	2.13	1.90
	80.6F (27C)	66.2F (19C)	TC	25.335	24.993	25.452	25.657	29.872	29.10	28.40	24.00	22.40	16.98	16.02
			SC	19.046	18.977	19.208	19.318	21.116	21.83	21.30	18.00	16.80	12.74	12.02
			Input	1.777	1.712	1.859	1.822	1.913	2.01	2.44	2.62	2.26	2.16	1.93
	89.6F (32C)	73.4F (23C)	TC	27.555	27.999	27.927	27.836	33.797	31.50	30.80	26.40	24.80	17.22	16.26
			SC	19.395	19.553	19.536	19.584	21.789	23.63	23.10	19.80	18.60	12.92	12.20
			Input	1.78	1.799	1.829	1.767	2.11	2.05	2.48	2.66	2.30	2.20	1.97

LEGEND

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

HYPERTEK SINGLE ZONE 9K-24K HEATING PERFORMANCE DATA

Model	Heating		Outdoor conditions (DB)										
	Indoor Conditions DB		-13F (-25C)	-4F (-20C)	0F (-17C)	5F (-15C)	17F (-8C)	19.4F (-7C)	24.8F (-4C)	32F (0C)	39.2F (4C)	44.6F (7C)	53.6F (12C)
1PAMSHH09-SZO-25 9K (208-230V)	59F (15C)	TC	9.22	10.02	11.20	12.37	15.03	15.26	15.52	14.21	15.29	15.82	17.32
		Input	1.75	1.73	1.72	1.71	1.69	1.65	1.58	1.52	1.43	1.32	1.18
		COP	1.54	1.70	1.91	2.12	2.61	2.71	2.88	2.74	3.13	3.51	4.30
	64.4F (18C)	TC	9.12	9.82	11.02	12.19	14.31	14.76	14.89	14.11	14.93	15.40	16.45
		Input	1.78	1.74	1.75	1.74	1.72	1.68	1.61	1.55	1.46	1.35	1.21
		COP	1.50	1.65	1.85	2.05	2.44	2.57	2.71	2.67	3.00	3.34	3.98
	69F (20.5C)	TC	9.02	9.65	10.85	12.01	13.58	14.25	14.26	14.01	14.56	14.98	15.57
		Input	1.82	1.79	1.78	1.78	1.76	1.72	1.65	1.59	1.50	1.39	1.25
		COP	1.45	1.58	1.79	1.98	2.26	2.43	2.53	2.58	2.84	3.16	3.65
	71.6F (22C)	TC	8.88	9.42	10.65	11.51	13.08	13.75	13.76	13.51	14.06	14.48	15.07
		Input	1.91	1.91	1.88	1.87	1.85	1.81	1.74	1.68	1.59	1.48	1.34
		COP	1.36	1.45	1.66	1.80	2.07	2.23	2.32	2.36	2.59	2.87	3.30
1PAMSHH12-SZO-22.5 12K (208-230V)	59F (15C)	TC	9.22	10.20	11.02	12.37	15.03	15.26	15.52	14.21	15.29	15.82	17.32
		Input	1.75	1.73	1.73	1.71	1.69	1.65	1.58	1.52	1.43	1.32	1.18
		COP	1.54	0.17	1.87	2.12	2.61	2.71	2.88	2.74	3.13	3.51	4.30
	64.4F (18C)	TC	9.12	10.02	10.98	12.19	14.31	14.76	14.89	14.11	14.93	15.40	16.45
		Input	1.78	1.75	1.76	1.74	1.72	1.68	1.61	1.55	1.46	1.35	1.21
		COP	1.50	1.68	1.83	2.05	2.44	2.57	2.71	2.67	3.00	3.34	3.98
	69F (20.5C)	TC	9.02	9.82	11.81	12.01	13.58	14.25	14.26	14.01	14.56	14.98	15.57
		Input	1.82	1.81	1.77	1.78	1.76	1.72	1.65	1.59	1.50	1.39	1.25
		COP	1.45	1.59	1.96	1.98	2.26	2.43	2.53	2.58	2.84	3.16	3.65
	71.6F (22C)	TC	8.88	9.62	11.74	12.00	13.08	13.75	13.76	13.51	14.06	14.48	15.07
		Input	1.91	1.90	1.88	1.87	1.85	1.81	1.74	1.68	1.59	1.48	1.34
		COP	1.36	1.48	1.83	1.88	2.07	2.23	2.32	2.36	2.59	2.87	3.30
2PAMSHH18-SZO-20 18K (208-230V)	59F (15C)	TC	16.82	17.26	18.02	18.82	23.32	23.55	23.71	23.91	24.14	24.32	26.88
		Input	3.11	3.12	3.16	3.18	2.87	2.50	2.44	2.37	2.31	2.21	2.27
		COP	1.59	1.62	1.67	1.73	2.38	2.76	2.85	2.96	3.06	3.23	3.47
	64.4F (18C)	TC	16.67	17.11	17.98	18.67	23.17	23.40	23.56	23.76	23.99	24.17	26.73
		Input	3.18	3.22	3.22	3.25	2.94	2.57	2.51	2.44	2.38	2.28	2.34
		COP	1.54	1.56	1.64	1.68	2.31	2.67	2.75	2.85	2.95	3.11	3.35
	69F (20.5C)	TC	16.52	17.01	18.01	18.52	23.02	23.25	23.41	23.61	23.84	24.02	26.58
		Input	3.25	3.26	3.28	3.32	3.01	2.64	2.58	2.51	2.45	2.35	2.41
		COP	1.49	1.53	1.61	1.63	2.24	2.58	2.66	2.76	2.85	3.00	3.23
	71.6F (22C)	TC	16.25	16.87	17.98	18.25	22.75	22.98	23.14	23.34	23.57	23.75	26.31
		Input	3.28	3.28	3.27	3.35	3.04	2.67	2.61	2.54	2.48	2.38	2.44
		COP	1.45	1.51	1.61	1.60	2.19	2.52	2.60	2.69	2.79	2.92	3.16
1PAMSHH24-SZO-22.5 24K (208-230V)	59F (15C)	TC	16.66	22.54	24.56	25.24	26.02	26.85	27.56	27.87	28.89	29.79	31.92
		Input	3.95	9.94	3.94	4.02	3.89	3.82	3.72	3.72	3.71	3.28	3.22
		COP	1.24	0.66	1.83	1.84	1.96	2.06	2.17	2.20	2.28	2.66	2.91
	64.4F (18C)	TC	16.59	22.32	24.32	24.10	25.78	26.05	26.59	27.58	28.51	29.75	31.85
		Input	3.90	3.91	3.93	4.03	3.92	3.76	3.68	3.66	3.60	3.24	3.17
		COP	1.25	1.67	1.81	1.75	1.93	2.03	2.12	2.21	2.32	2.69	2.94
	69F (20.5C)	TC	16.52	21.02	24.00	24.03	25.71	25.98	26.52	27.51	28.44	29.68	31.78
		Input	3.85	3.91	3.96	3.98	3.87	3.71	3.63	3.61	3.55	3.19	3.12
		COP	1.26	1.58	1.78	1.77	1.95	2.05	2.14	2.23	2.35	2.73	2.99
	71.6F (22C)	TC	16.65	20.05	24.02	24.16	25.84	26.11	26.65	27.64	28.57	29.81	31.91
		Input	3.64	3.68	3.72	3.77	3.66	3.50	3.42	3.40	3.34	2.98	2.91
		COP	1.34	1.60	1.89	1.88	2.07	2.19	2.28	2.38	2.51	2.93	3.21

LEGEND

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