



HYPER TEK MULTI-ZONE COOLING PERFORMANCE DATA

Cooling ambient (F): 5, 15, 25, 35, 45, 55, 65, 75, 85, 95, 105, 115, 122

Outdoor Model Zone (V)	Cooling		Outdoor conditions (DB)																		
	Indoor		-22F (-30C)	-13F (-25C)	-5F (-20.6C)	-4F (-20C)	0F (-17.8C)	5F (-15C)	15F (-9.4C)	25F (-)	35F (1.7C)	45F (7.2C)	55F (12.8C)	65F (18.3C)	75F (23.9C)	85F (29.4C)	95F (35C)	105F (40.6C)	115F (46.1C)	122F (50C)	
	DB	WB	TC	SC	TC	SC	TC	SC	TC	SC	TC	SC	TC	SC	TC	SC	TC	SC	TC	SC	
2PAMS18-HH-MZO2 Non-Ducted 2 Zone (208-230V)	65F (18.3C)	54F	TC	18.037	18.622	19.06	18.96	18.87	18.77	18.68	18.59	18.49	17.95	17.40	16.79	16.17	15.49	14.74	13.99	13.31	12.69
			SC	10.661	11.055	12.54	12.86	13.19	13.53	13.88	14.24	14.61	14.36	14.09	13.77	13.42	13.17	12.82	12.45	12.11	11.80
	70F (21.1C)	59F	TC	19.087	19.811	20.60	20.50	20.40	20.30	20.19	20.09	19.99	19.45	18.77	18.15	17.40	16.72	15.97	15.22	14.40	13.78
			SC	11.464	11.824	12.36	12.67	13.00	13.34	13.68	14.03	14.40	14.00	13.70	13.43	13.22	12.87	12.46	12.17	11.81	11.58
	75F (23.9C)	63F	TC	19.883	20.530	22.01	21.90	21.79	21.68	21.57	21.47	21.36	20.68	19.99	19.31	18.56	17.81	17.06	16.17	15.42	14.74
			SC	14.251	15.173	12.65	12.98	13.31	13.65	14.01	14.37	14.74	14.47	14.20	13.90	13.55	13.18	12.97	12.61	12.34	12.09
	80F (26.7C)	67F	TC	21.153	22.076	23.91	23.79	23.67	23.55	23.43	23.32	23.20	21.97	21.29	20.54	19.79	19.04	18.22	17.33	16.45	15.76
			SC	15.081	16.142	13.14	13.48	13.83	14.19	14.55	14.93	15.31	14.72	14.48	14.17	13.85	13.71	13.30	13.00	12.66	12.45
2PAMS27-HH-MZO3 Non-Ducted 3 Zone (208-230V)	65F (18.3C)	54F	TC	24.715	26.99	28.09	28.65	28.51	28.37	28.22	28.08	27.94	27.13	26.20	25.18	25.26	24.67	22.11	20.98	20.27	19.14
			SC	19.321	20.114	19.67	20.17	20.69	21.23	21.78	22.34	22.91	22.51	22.01	21.40	21.11	21.05	20.12	19.51	17.63	18.38
	70F (21.1C)	59F	TC	26.28	28.20	30.11	30.96	30.80	30.65	30.50	30.35	30.20	29.17	28.25	27.84	27.20	26.92	23.95	22.83	21.60	20.68
			SC	20.553	21.627	19.18	19.67	20.18	20.70	21.24	21.78	22.35	21.88	21.47	21.02	20.70	19.85	19.64	19.17	18.79	18.40
	75F (23.9C)	63F	TC	27.52	29.17	32.14	33.17	33.21	33.04	32.88	32.71	32.55	31.12	30.09	29.17	27.94	26.72	25.59	24.36	23.03	22.11
			SC	20.775	21.084	20.11	20.63	21.17	21.71	22.27	22.85	23.44	22.72	22.27	22.05	21.24	20.84	20.47	19.98	19.35	19.01
	80F (26.7C)	67F	TC	30.24	31.626	33.70	34.52	35.34	36.16	35.98	35.80	35.62	33.16	32.04	31.78	29.79	28.56	27.33	26.00	24.67	23.65
			SC	22.101	22.671	21.10	21.64	22.20	22.77	23.36	23.96	24.58	23.22	22.75	22.19	22.04	21.42	21.04	20.54	19.98	19.63
2PAMS36-HH-MZO4 Non-Ducted 4 Zone (208-230V)	65F (18.3C)	54F	TC	34.42	35.55	36.97	37.78	37.59	37.41	37.22	37.03	36.85	35.62	34.39	33.16	31.80	30.57	29.85	28.25	26.34	24.84
			SC	23.531	25.634	25.93	26.60	27.29	27.99	28.72	29.46	30.22	29.57	29.23	28.52	27.98	27.51	25.30	24.73	24.23	23.84
	70F (21.1C)	59F	TC	36.88	38.38	40.17	41.56	41.35	41.15	40.94	40.74	40.53	38.49	37.26	35.89	34.53	33.03	31.53	30.03	28.39	27.02
			SC	25.033	27.564	26.09	26.77	27.46	28.16	28.89	29.64	30.40	29.25	28.69	28.00	27.28	26.75	26.17	25.52	24.98	24.32
	75F (23.9C)	63F	TC	39.664	41.360	43.14	44.62	45.19	45.16	44.94	44.71	44.49	41.08	39.72	38.21	36.85	35.21	33.57	31.94	30.30	28.93
			SC	26.917	28.893	27.49	28.20	28.93	29.68	30.44	31.23	32.03	29.99	29.39	28.66	28.37	27.82	26.86	26.51	25.75	25.17
	80F (26.7C)	67F	TC	41.65	43.24	44.25	45.02	46.78	46.55	46.32	46.09	45.86	43.81	42.31	40.81	39.31	37.67	36.03	34.26	32.48	31.12
			SC	28.943	30.902	27.16	27.86	28.58	29.32	30.07	30.85	31.64	30.67	30.04	29.79	29.09	28.63	28.10	27.41	26.64	26.45

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



HYPER TEK MULTI-ZONE HEATING PERFORMANCE DATA

Heating ambient (F): -13, -5, 5, 17, 35, 47, 57

Outdoor Model Zone (V)	Heating		Outdoor conditions (DB)														
	Indoor Conditions DB		-22F (-30C)	-13F (-25C)	-5F (-20.6C)	0F (-17.8C)	5F (-15C)	17F (-8.3C)	19.4F (-7C)	24.8F (-4C)	32F (0C)	35F (1.7C)	39.2F (4C)	44.6F (7C)	47F (8.3C)	53.6F (12C)	57F (13.9C)
2PAMS18-HH-MZO2 Non-Ducted 2 Zone (208-230V)	60F (15.6C)	TC	10.02	12.22	14.90	16.38	19.04	19.38	19.44	19.59	19.79	19.87	20.29	21.36	22.48	23.15	23.85
		Input	2.064	2.295	2.401	2.439	2.57	2.36	2.15	1.93	1.72	1.505	1.552	1.6	1.65	1.666	1.683
	65F (18.3C)	TC	9.74	11.88	14.49	15.93	18.52	18.81	18.86	18.99	19.17	19.24	19.73	20.77	21.86	22.52	23.19
		Input	2.107	2.342	2.45	2.489	2.63	2.42	2.21	2.01	1.80	1.597	1.646	1.697	1.75	1.767	1.785
	70F (21.1C)	TC	9.5548	11.652	14.21	15.52	18.08	18.32	18.37	18.47	18.62	18.678	19.03	20.031	21.086	21.718	22.37
		Input	2.15	2.39	2.5	2.54	2.68	2.48	2.28	2.08	1.89	1.688	1.74	1.794	1.85	1.868	1.887
	75F (23.9C)	TC	9.0447	11.03	13.451	14.781	17.19	17.47	17.53	17.65	17.82	17.896	18.311	19.275	20.29	20.898	21.525
		Input	2.193	2.437	2.55	2.59	2.73	2.54	2.35	2.16	1.97	1.779	1.834	1.891	1.95	1.969	1.989
2PAMS27-HH-MZO3 Non-Ducted 3 Zone (208-230V)	60F (15.6C)	TC	14.43	17.597	21.46	23.583	27.42	28.68	28.92	29.49	30.24	30.558	33.216	36.104	39.243	40.421	41.633
		Input	3.203	3.372	3.549	3.736	3.93	3.72	3.51	3.30	3.10	2.886	3.038	3.198	3.366	3.4	3.434
	65F (18.3C)	TC	14.147	17.252	21.039	23.12	26.88	28.12	28.36	28.91	29.65	29.959	32.564	35.396	38.474	39.628	40.817
		Input	3.203	3.372	3.549	3.736	3.93	3.74	3.54	3.34	3.14	2.945	3.1	3.263	3.435	3.469	3.504
	70F (21.1C)	TC	13.869	16.914	20.627	22.667	26.36	27.57	27.80	28.34	29.07	29.372	31.926	34.702	37.72	38.851	40.017
		Input	3.203	3.372	3.549	3.736	3.93	3.74	3.55	3.36	3.17	2.975	3.131	3.296	3.47	3.504	3.539
	75F (23.9C)	TC	13.592	16.576	20.214	22.213	25.83	27.02	27.25	27.78	28.48	28.784	31.287	34.008	36.965	38.074	39.216
		Input	3.203	3.372	3.549	3.736	3.93	3.75	3.57	3.39	3.21	3.034	3.194	3.362	3.539	3.574	3.61
2PAMS36-HH-MZO4 Non-Ducted 4 Zone (208-230V)	60F (15.6C)	TC	19.258	23.485	28.64	31.473	36.60	38.28	38.60	39.35	40.36	40.782	44.329	48.183	52.373	53.944	55.563
		Input	3.203	3.372	3.549	3.736	3.93	3.92	3.90	3.89	3.87	3.859	4.062	4.276	4.501	4.546	4.592
	65F (18.3C)	TC	18.88	23.024	28.079	30.856	35.88	37.53	37.84	38.58	39.57	39.983	43.459	47.239	51.346	52.887	54.473
		Input	3.203	3.372	3.549	3.736	3.93	3.93	3.94	3.94	3.938	4.145	4.363	4.593	4.639	4.685	
	70F (21.1C)	TC	18.51	22.573	27.528	30.251	35.18	36.79	37.10	37.83	38.79	39.199	42.607	46.312	50.34	51.85	53.405
		Input	3.59	3.779	3.978	4.187	4.41	4.32	4.24	4.15	4.06	3.978	4.187	4.408	4.64	4.686	4.733
	75F (23.9C)	TC	18.139	22.121	26.977	29.646	34.47	36.05	36.36	37.07	38.01	38.415	41.755	45.386	49.333	50.813	52.337
		Input	3.203	3.372	3.549	3.736	3.93	3.96	3.98	4.01	4.03	4.057	4.271	4.496	4.732	4.78	4.827

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