



Miami Heat Pump  
 20233 N.E. 15th Court Miami Fl, 33179  
 Phone (866)407-8535 - Fax (866)407-8535  
 Website: www.miamihp.com - Email: customerservice@miamihp.com

Specification Capacity Data Sheet

HPW240

Water Loop				Ground Water				Ground Loop				Performance at	
Cooling		Heating		Cooling		Heating		Cooling		Heating		8,000	CFM
Capacity	EER	Capacity	COP	Capacity	EER	Capacity	COP	Capacity	EER	Capacity	COP	60.0	GPM
248,890	12.8	331,170	4.6	306,060	18.1	256,360	4.1	283,190	15.9	177,980	3.4		

Cooling							
Entering Fluid Temp (°F)	Entering Air Temp (°F)	Total Capacity (MBtuH)	Sensible Capacity (MBtuH)	SHF	Power Input (kW)	Heating of Reject (MBtuH)	EER
50	70 db 61 wb	279.02	182.84	0.67	15.91	333.33	17.7
59		259.54	171.38	0.67	16.89	317.16	15.6
70		240.06	160.38	0.68	17.86	300.99	13.5
86		210.83	144.42	0.70	9.31	276.73	11.0
100		181.60	128.62	0.72	20.77	252.47	8.8
50	75 db 63 wb	299.28	219.45	0.74	5.99	353.86	18.9
59		278.43	203.48	0.74	16.97	336.34	16.6
70		257.57	192.70	0.76	17.95	318.82	14.5
86		226.28	173.69	0.78	19.41	292.53	11.8
100		194.09	154.87	0.80	20.88	266.25	9.4
50	80.6 db 66.2 wb	328.93	242.74	0.75	16.10	383.89	20.6
59		306.06	227.68	0.75	17.09	364.39	18.1
70		283.19	213.25	0.76	18.07	344.87	15.9
86		248.89	192.30	0.78	19.55	315.63	14.2
100		214.59	171.57	0.81	21.03	286.37	10.3
50	85 db 71 wb	258.56	266.27	0.75	16.22	413.91	22.3
59		333.69	249.80	0.76	17.21	392.43	19.6
70		308.82	234.02	0.77	18.20	370.94	17.2
86		271.51	211.11	0.79	19.70	338.71	13.9
100		234.20	188.43	0.81	21.18	306.48	11.2

Heating					
Entering Fluid Temp (°F)	Entering Air Temp (°F)	Total Capacity (MBtuH)	Power Input (kW)	Heating of Abs. (MBtuH)	COP
50	60	270.84	17.97	209.52	4.4
60		310.44	19.40	244.21	4.7
68		350.04	20.85	278.90	4.7
80		389.63	22.28	313.58	5.1
50	68	256.36	18.26	194.02	4.1
60		293.77	19.73	226.43	4.4
68		331.17	21.19	258.83	4.6
80		368.58	22.66	291.24	4.8
50	80	239.34	18.63	175.76	3.8
60		274.18	20.13	205.48	4.0
68		309.02	21.62	235.20	4.2
80		343.85	23.13	264.92	4.4

Low Temp Heating (with Antifreeze by ARI-ISO13256-1)					
Entering Fluid Temp (°F)	Entering Air Temp (°F)	Total Capacity (MBtuH)	Power Input (kW)	Heating of Abs. (MBtuH)	COP
25	60	168.49	14.37	119.43	3.4
32		187.90	15.09	136.39	3.6
40		226.71	16.53	170.31	4.0
25	68	159.65	14.60	109.82	3.2
32		177.98	15.33	125.65	3.4
40		214.66	16.80	157.33	3.7
25	80	149.27	14.88	98.48	2.9
32		166.34	15.63	112.99	3.1
40		200.50	17.13	142.03	3.4

Fluid Press. Drop		
Fluid Flow (GPM)	Pressure Drop	
	(FOH)	(PSIG)
30.0	3.7	1.6
40.0	6.2	2.7
50.0	9.3	4.0
60.0	4539.0	5.6
75.0	19.2	8.3



Units are subject to change without notice please contact us for up-to-date values.