

Multi-Pass Piping									
Model	Entering Air Condition	Entering Water Temp (°F)	Leaving Water Temp (°F)	Maximum Output (BTU/hr)	Power Input [kW]	Heating COP	Air Cooling Capacity (BTU/hr)	Cooling COP	CFM
AHP140	25°F 60% RH	35	50	71,768	5.099	4.1	58,090	3.3	8,047
		40	55	70,724	5.101	4.1	57,147	3.3	
		50	65	69,510	5.328	3.8	55,313	3.0	
		60	75	69,317	5.863	3.5	53,274	2.7	
		70	85	69,113	6.471	3.1	51,249	2.3	
		80	95	69,295	7.283	2.8	48,981	2.0	
		90	105	69,544	8.252	2.5	46,220	1.6	
		100	115	70,229	9.439	2.2	43,186	1.3	
		110	125	71,676	10.98	1.9	39,671	1.1	
		125	140	72,977	12.44	1.7	36,557	1.0	
	35°F 60% RH	35	50	82,141	5.147	4.7	68,289	3.9	7,275
		40	55	80,828	5.15	4.6	67,232	3.8	
		50	65	79,414	5.441	4.3	64,724	3.5	
		60	75	78,887	5.961	3.9	62,451	3.1	
		70	85	78,546	6.574	3.5	60,402	2.7	
		80	95	78,461	7.316	3.1	57,992	2.3	
		90	105	78,437	8.174	2.8	55,268	2.0	
		100	115	78,895	9.257	2.5	52,311	1.7	
		110	125	79,709	10.63	2.2	48,754	1.3	
		125	140	80,918	12.18	1.9	45,231	1.1	
	45°F 60% RH	35	50	94,838	5.241	5.3	80,746	4.5	6,720
		40	55	93,230	5.245	5.2	79,060	4.4	
		50	65	91,329	5.601	4.8	76,489	4.0	
		60	75	89,582	6.104	4.3	73,052	3.5	
		70	85	88,896	6.7	3.9	70,324	3.1	
		80	95	88,306	7.4	3.5	67,492	2.7	
		90	105	88,220	8.243	3.1	64,984	2.3	
		100	115	88,155	9.17	2.8	61,792	2.0	
		110	125	88,835	10.37	2.5	58,877	1.7	
		120	135	89,483	11.72	2.2	55,385	1.4	
		130	145	90,785	13.6	2.0	50,621	1.1	
		145	160	91,614	15.46	1.7	45,556	0.9	
	55°F 60% RH	35	50	111,697	5.397	6.1	97,214	5.3	6,196
		40	55	110,047	5.442	5.9	95,728	5.2	
		50	65	107,445	5.849	5.4	91,612	4.6	
		60	75	104,973	6.348	4.8	87,524	4.0	
		70	85	102,717	6.922	4.3	83,831	3.5	
		80	95	101,256	7.604	3.9	80,123	3.1	
		90	105	100,586	8.404	3.5	76,697	2.7	
		100	115	99,966	9.342	3.1	73,270	2.3	
		110	125	99,726	10.39	2.8	69,555	2.0	
		120	135	100,112	11.66	2.5	65,810	1.7	
		130	145	100,582	13.16	2.2	61,920	1.4	
		145	160	101,590	15	2.0	56,864	1.1	

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AHP140	65°F 60% RH	35	50	129,533	5.576	6.8	114,819	6.0	5,701
		40	55	127,979	5.732	6.5	112,575	5.8	
		50	65	124,500	6.122	6.0	108,288	5.2	
		60	75	121,582	6.607	5.4	103,536	4.6	
		70	85	118,716	7.18	4.8	99,107	4.0	
		80	95	116,118	7.845	4.3	94,463	3.5	
		90	105	113,227	8.603	3.9	89,253	3.0	
		100	115	112,219	9.524	3.5	84,859	2.6	
		110	125	111,392	10.55	3.1	80,918	2.2	
		120	135	110,762	11.7	2.8	76,758	1.9	
		130	145	110,800	13.04	2.5	72,466	1.6	
		145	160	111,042	14.63	2.2	67,645	1.4	
	75°F 60% RH	35	50	148,644	5.883	7.4	133,973	6.7	5,278
		40	55	147,262	6.054	7.1	131,595	6.4	
		50	65	143,230	6.433	6.5	126,761	5.8	
		60	75	139,497	6.906	5.9	121,754	5.2	
		70	85	136,050	7.472	5.3	116,474	4.6	
		80	95	132,242	8.12	4.8	110,737	4.0	
		90	105	129,119	8.869	4.3	105,061	3.5	
		100	115	125,848	9.753	3.8	99,128	3.0	
		110	125	123,456	10.73	3.4	93,741	2.6	
		120	135	122,026	11.85	3.0	88,548	2.2	
		130	145	121,095	13.1	2.7	83,461	1.9	
		145	160	120,554	14.53	2.4	78,593	1.6	
	85°F 60% RH	35	50	163,362	6.109	7.8	147,987	7.1	4,791
		40	55	167,725	6.393	7.7	151,650	7.0	
		50	65	164,640	6.776	7.1	146,883	6.4	
		60	75	160,419	7.227	6.5	141,526	5.7	
		70	85	155,303	7.763	5.9	135,092	5.1	
		80	95	151,422	8.41	5.3	129,197	4.5	
		90	105	147,151	9.145	4.7	121,973	3.9	
		100	115	143,125	10.01	4.2	115,979	3.4	
		110	125	139,798	10.98	3.7	108,884	2.9	
		120	135	136,106	12.04	3.3	101,851	2.5	
		130	145	132,426	13.2	2.9	94,799	2.1	
		145	160	129,106	14.47	2.6	87,359	1.8	
	95°F 60% RH	35	50	172,426	6.206	8.1	156,507	7.4	4,170
		40	55	182,773	6.585	8.1	165,617	7.4	
		50	65	186,522	7.082	7.7	167,965	7.0	
		60	75	181,048	7.518	7.1	161,519	6.3	
		70	85	176,004	8.047	6.4	154,828	5.6	
		80	95	170,820	8.669	5.8	147,755	5.0	
		90	105	166,008	9.388	5.2	140,525	4.4	
		100	115	162,077	10.24	4.6	134,426	3.8	
		110	125	157,205	11.2	4.1	126,225	3.3	
		120	135	152,512	12.23	3.7	118,303	2.8	
		130	145	147,767	13.37	3.2	110,281	2.4	
		145	160	143,044	14.62	2.9	101,491	2.0	