

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
AHP350	25°F 60% RH	35	50	179,566	12.867	4.1	146,132	3.3	21,180
		40	55	176,959	12.872	4.0	143,554	3.3	
		50	65	173,964	13.445	3.8	138,993	3.0	
		60	75	173,426	14.801	3.4	133,922	2.7	
		70	85	172,817	16.318	3.1	128,784	2.3	
		80	95	172,996	18.333	2.8	122,944	2.0	
		90	105	173,327	20.703	2.5	115,864	1.6	
		100	115	174,471	23.499	2.2	108,398	1.4	
		110	125	177,413	27.176	1.9	99,632	1.1	
		125	140	180,221	30.703	1.7	90,714	0.9	
	35°F 60% RH	35	50	206,247	12.867	4.7	172,281	3.9	18,803
		40	55	202,977	12.873	4.6	169,520	3.9	
		50	65	199,233	13.612	4.3	163,143	3.5	
		60	75	197,819	14.933	3.9	157,424	3.1	
		70	85	196,905	16.438	3.5	152,286	2.7	
		80	95	196,418	18.297	3.1	146,026	2.3	
		90	105	196,115	20.412	2.8	139,081	2.0	
		100	115	196,754	23.043	2.5	131,495	1.7	
		110	125	198,195	26.325	2.2	122,580	1.4	
		125	140	200,621	30.035	2.0	112,655	1.1	
	45°F 60% RH	35	50	237,449	12.998	5.4	202,970	4.6	17,224
		40	55	233,505	13.006	5.3	198,880	4.5	
		50	65	228,628	13.912	4.8	192,252	4.0	
		60	75	224,234	15.199	4.3	183,558	3.5	
		70	85	222,417	16.670	3.9	176,838	3.1	
		80	95	220,766	18.385	3.5	169,830	2.7	
		90	105	219,845	20.488	3.1	162,780	2.3	
		100	115	219,228	22.759	2.8	154,896	2.0	
		110	125	219,983	25.660	2.5	146,592	1.7	
		120	135	220,644	28.907	2.2	137,283	1.4	
		130	145	222,911	33.400	2.0	125,378	1.1	
		145	160	223,030	37.765	1.7	111,787	0.9	
	55°F 60% RH	35	50	278,883	13.256	6.2	243,757	5.4	15,791
		40	55	274,615	13.346	6.0	239,872	5.3	
		50	65	268,232	14.415	5.5	229,721	4.7	
		60	75	262,094	15.692	4.9	219,614	4.1	
		70	85	256,647	17.126	4.4	210,345	3.6	
		80	95	252,578	18.800	3.9	200,968	3.1	
		90	105	250,756	20.738	3.5	192,534	2.7	
		100	115	248,758	23.110	3.2	183,290	2.3	
		110	125	247,857	25.672	2.8	174,058	2.0	
		120	135	248,148	28.750	2.5	164,506	1.7	
		130	145	248,467	32.389	2.2	154,132	1.4	
		145	160	249,068	36.811	2.0	139,871	1.1	

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AHP350	65°F 60% RH	35	50	322,846	13.559	7.0	287,459	6.2	14,391
		40	55	318,792	13.921	6.7	281,785	5.9	
		50	65	310,358	14.972	6.1	271,125	5.3	
		60	75	303,187	16.235	5.5	259,090	4.7	
		70	85	296,111	17.672	4.9	246,778	4.1	
		80	95	289,570	19.315	4.4	236,535	3.6	
		90	105	282,507	21.171	3.9	223,657	3.1	
		100	115	279,207	23.508	3.5	212,242	2.6	
		110	125	276,741	26.007	3.1	202,231	2.3	
		120	135	274,951	28.808	2.8	191,974	2.0	
		130	145	274,539	32.055	2.5	181,128	1.7	
		145	160	274,009	35.907	2.2	167,487	1.4	
	75°F 60% RH	35	50	367,700	14.120	7.6	333,038	6.9	13,109
		40	55	365,007	14.576	7.3	328,128	6.6	
		50	65	355,390	15.608	6.7	316,082	5.9	
		60	75	346,180	16.851	6.0	303,463	5.3	
		70	85	337,763	18.287	5.4	290,477	4.7	
		80	95	328,607	19.904	4.8	276,583	4.1	
		90	105	320,823	21.757	4.3	262,572	3.5	
		100	115	312,560	24.011	3.8	247,452	3.0	
		110	125	306,223	26.400	3.4	233,699	2.6	
		120	135	302,201	29.126	3.0	220,696	2.2	
		130	145	299,633	32.173	2.7	208,069	1.9	
		145	160	297,321	35.640	2.4	194,408	1.6	
	85°F 60% RH	35	50	401,938	14.527	8.1	367,406	7.4	11,654
		40	55	412,031	15.237	7.9	374,397	7.2	
		50	65	405,404	16.299	7.3	363,646	6.5	
		60	75	395,214	17.504	6.6	350,265	5.9	
		70	85	383,024	18.898	5.9	334,555	5.2	
		80	95	373,651	20.527	5.3	320,112	4.6	
		90	105	363,553	22.352	4.8	302,922	4.0	
		100	115	353,776	24.555	4.2	287,775	3.4	
		110	125	344,992	26.939	3.8	270,073	2.9	
		120	135	336,284	29.550	3.3	253,253	2.5	
		130	145	327,114	32.386	3.0	235,560	2.1	
		145	160	319,011	35.518	2.6	216,545	1.8	
	95°F 60% RH	35	50	418,716	14.701	8.3	381,998	7.6	9,883
		40	55	445,443	15.607	8.4	405,739	7.6	
		50	65	452,438	16.904	7.8	409,253	7.1	
		60	75	439,848	18.075	7.1	393,545	6.4	
		70	85	427,982	19.461	6.4	377,402	5.7	
		80	95	415,843	21.058	5.8	360,513	5.0	
		90	105	404,819	22.858	5.2	343,809	4.4	
		100	115	395,363	25.023	4.6	328,437	3.8	
		110	125	383,887	27.394	4.1	308,701	3.3	
		120	135	372,912	29.942	3.7	289,830	2.8	
		130	145	361,863	32.752	3.2	270,601	2.4	
		145	160	349,811	35.814	2.9	247,893	2.0	