

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
AHP200	25°F 60% RH	35	50	107,798	7.768	4.1	88,042	3.3	13,133
		40	55	106,235	7.771	4.0	86,407	3.3	
		50	65	104,454	8.117	3.8	83,680	3.0	
		60	75	104,109	8.938	3.4	80,648	2.6	
		70	85	103,704	9.847	3.1	77,535	2.3	
		80	95	103,701	11.050	2.8	73,963	2.0	
		90	105	103,783	12.451	2.4	69,644	1.6	
		100	115	104,242	14.060	2.2	65,212	1.4	
		110	125	105,737	16.196	1.9	59,961	1.1	
		125	140	107,244	18.263	1.7	54,157	0.9	
	35°F 60% RH	35	50	124,106	7.720	4.7	103,992	3.9	11,528
		40	55	122,149	7.723	4.6	102,288	3.9	
		50	65	119,819	8.171	4.3	98,419	3.5	
		60	75	118,932	8.972	3.9	94,973	3.1	
		70	85	118,359	9.864	3.5	91,884	2.7	
		80	95	117,957	10.981	3.1	88,034	2.3	
		90	105	117,678	12.238	2.8	83,813	2.0	
		100	115	117,859	13.786	2.5	79,184	1.7	
		110	125	118,486	15.695	2.2	73,826	1.4	
		125	140	119,703	17.855	2.0	67,424	1.1	
	45°F 60% RH	35	50	142,611	7.757	5.4	122,224	4.6	10,504
		40	55	140,275	7.761	5.3	119,820	4.5	
		50	65	137,299	8.311	4.8	115,763	4.1	
		60	75	134,652	9.095	4.3	110,506	3.6	
		70	85	133,521	9.970	3.9	106,514	3.1	
		80	95	132,460	10.985	3.5	102,338	2.7	
		90	105	131,625	12.245	3.2	97,796	2.3	
		100	115	131,073	13.589	2.8	93,104	2.0	
		110	125	131,148	15.290	2.5	87,715	1.7	
		120	135	131,161	17.187	2.2	81,898	1.4	
		130	145	132,126	19.800	2.0	74,757	1.1	
		145	160	131,416	22.305	1.7	66,231	0.9	
	55°F 60% RH	35	50	167,186	7.859	6.2	146,543	5.5	9,595
		40	55	164,568	7.904	6.1	144,144	5.3	
		50	65	160,787	8.566	5.5	138,109	4.7	
		60	75	157,121	9.344	4.9	132,090	4.1	
		70	85	153,930	10.204	4.4	126,514	3.6	
		80	95	151,322	11.196	4.0	120,845	3.2	
		90	105	150,170	12.334	3.6	115,837	2.8	
		100	115	148,792	13.768	3.2	110,020	2.3	
		110	125	148,131	15.282	2.8	104,503	2.0	
		120	135	148,036	17.090	2.5	98,696	1.7	
		130	145	147,885	19.229	2.3	92,212	1.4	
		145	160	147,478	21.811	2.0	83,007	1.1	

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AHP200	65°F 60% RH	35	50	193,313	7.983	7.1	172,640	6.3	8,690
		40	55	190,813	8.189	6.8	169,210	6.1	
		50	65	185,858	8.850	6.2	162,837	5.4	
		60	75	181,605	9.628	5.5	155,554	4.7	
		70	85	177,395	10.492	5.0	147,671	4.1	
		80	95	173,452	11.470	4.4	142,072	3.6	
		90	105	169,280	12.568	3.9	134,404	3.1	
		100	115	166,988	13.984	3.5	127,383	2.7	
		110	125	165,349	15.457	3.1	121,313	2.3	
		120	135	164,189	17.108	2.8	115,216	2.0	
		130	145	163,739	19.015	2.5	108,662	1.7	
		145	160	162,967	21.277	2.2	99,842	1.4	
	75°F 60% RH	35	50	219,056	8.237	7.8	199,065	7.1	7,831
		40	55	217,745	8.522	7.5	196,533	6.8	
		50	65	212,160	9.175	6.8	189,321	6.0	
		60	75	206,683	9.945	6.1	181,709	5.4	
		70	85	201,713	10.815	5.5	174,003	4.7	
		80	95	196,365	11.784	4.9	165,846	4.1	
		90	105	191,704	12.888	4.4	157,511	3.6	
		100	115	186,712	14.258	3.8	148,324	3.0	
		110	125	182,767	15.670	3.4	139,958	2.6	
		120	135	180,175	17.276	3.1	132,148	2.2	
		130	145	178,538	19.073	2.7	124,608	1.9	
		145	160	176,767	21.110	2.5	115,815	1.6	
	85°F 60% RH	35	50	238,576	8.418	8.3	219,419	7.6	6,863
		40	55	244,306	8.844	8.1	222,747	7.4	
		50	65	240,764	9.523	7.4	216,763	6.7	
		60	75	234,795	10.277	6.7	208,739	6.0	
		70	85	227,721	11.135	6.0	199,463	5.2	
		80	95	222,229	12.117	5.4	190,915	4.6	
		90	105	216,402	13.207	4.8	180,949	4.0	
		100	115	210,651	14.545	4.2	171,796	3.5	
		110	125	205,194	15.959	3.8	161,189	3.0	
		120	135	200,178	17.510	3.4	151,402	2.5	
		130	145	194,688	19.186	3.0	140,761	2.2	
		145	160	189,905	21.048	2.6	129,186	1.8	
	95°F 60% RH	35	50	246,290	8.495	8.5	225,491	7.8	5,714
		40	55	262,670	9.022	8.5	240,122	7.8	
		50	65	265,916	9.822	7.9	241,288	7.2	
		60	75	258,800	10.557	7.2	232,026	6.4	
		70	85	251,978	11.414	6.5	222,574	5.7	
		80	95	245,023	12.389	5.8	212,758	5.0	
		90	105	238,811	13.470	5.2	203,284	4.4	
		100	115	233,286	14.783	4.6	194,011	3.8	
		110	125	226,682	16.194	4.1	182,476	3.3	
		120	135	220,400	17.712	3.6	171,527	2.8	
		130	145	214,096	19.382	3.2	160,320	2.4	
		145	160	206,767	21.194	2.9	146,402	2.0	