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	23°F 63% RH	35	50	69,078	5.28	3.8	56,564	3.1	8,047
		40	55	68,269	5.28	3.8	55,723	3.1	
		50	65	67,159	5.51	3.6	53,889	2.9	
		60	75	66,948	6.07	3.2	51,887	2.5	
		70	85	66,886	6.73	2.9	49,603	2.2	
		80	95	67,007	7.59	2.6	47,230	1.8	
		90	105	67,336	8.61	2.3	44,475	1.5	
		100	115	68,203	9.85	2.0	41,471	1.2	
		110	125	69,688	11.42	1.8	38,164	1.0	
		125	140	73,238	14.24	1.5	32,766	0.7	
		100	120	65,559	10.00	1.9	29,330	0.9	
		120	140	66,191	11.73	1.7	29,612	0.7	
	25°F 63% RH	35	50	70,884	5.27	3.9	58,243	3.2	7,905
		40	55	70,203	5.28	3.9	57,447	3.2	
		50	65	69,245	5.52	3.7	55,920	3.0	
		60	75	68,942	6.07	3.3	53,864	2.6	
		70	85	68,866	6.72	3.0	51,752	2.3	
		80	95	69,003	7.55	2.7	49,275	1.9	
		90	105	69,353	8.57	2.4	46,488	1.6	
		100	115	70,062	9.81	2.1	43,376	1.3	
		110	125	71,624	11.41	1.8	39,929	1.0	
		125	140	74,738	14.11	1.6	34,532	0.7	
	30°F 63% RH	100	120	70,353	9.72	2.1	47,215	1.4	7,552
		120	140	72,231	11.87	1.8	48,475	1.2	
	35°F 63% RH	35	50	82,866	5.27	4.6	69,814	3.9	7,275
		40	55	81,413	5.28	4.5	68,454	3.8	
		50	65	80,035	5.58	4.2	66,233	3.5	
		60	75	79,458	6.11	3.8	64,007	3.1	
		70	85	79,109	6.75	3.4	61,742	2.7	
		80	95	79,033	7.50	3.1	59,375	2.3	
		90	105	79,140	8.39	2.8	56,579	2.0	
		100	115	79,528	9.50	2.5	53,373	1.6	
		110	125	80,350	10.91	2.2	49,712	1.3	
		125	140	82,445	13.41	1.8	43,873	1.0	
	40°F 63% RH	100	120	81,471	9.70	2.5	58,184	1.8	6,998
		120	140	80,306	11.68	2.0	57,351	1.4	
		140	160	82,572	14.17	1.7	58,969	1.2	
	45°F 63% RH	35	50	95,845	5.28	5.3	83,366	4.6	6,720
		40	55	94,269	5.28	5.2	81,298	4.5	
		50	65	92,040	5.64	4.8	77,664	4.0	
		60	75	90,740	6.15	4.3	74,817	3.6	
		70	85	89,969	6.76	3.9	72,247	3.1	
		80	95	89,340	7.46	3.5	69,392	2.7	
		90	105	89,397	8.30	3.2	66,722	2.4	
		100	115	89,362	9.25	2.8	63,820	2.0	
		110	125	89,709	10.44	2.5	60,058	1.7	
		120	135	90,306	11.84	2.2	56,306	1.4	
		130	145	91,589	13.65	2.0	51,479	1.1	
		145	160	91,687	15.78	1.7	44,967	0.8	
		140	160	83,218	13.88	1.8	40,814	0.9	
	55°F 63% RH	35	50	111,688	5.39	6.1	98,342	5.4	6,196
		40	55	109,986	5.43	5.9	96,610	5.2	
		50	65	107,494	5.84	5.4	92,871	4.7	
		60	75	105,089	6.34	4.9	88,787	4.1	
		70	85	102,741	6.91	4.4	84,718	3.6	
		80	95	101,269	7.60	3.9	80,756	3.1	
		90	105	100,579	8.39	3.5	77,679	2.7	
		100	115	100,123	9.32	3.1	74,030	2.3	
		110	125	100,067	10.38	2.8	70,532	2.0	
		120	135	100,285	11.62	2.5	66,852	1.7	
		130	145	100,880	13.12	2.3	62,589	1.4	
		145	160	101,944	15.71	1.9	55,347	1.0	
		140	160	92,704	14.02	1.9	50,330	1.1	
	60°F 63% RH	100	120	102,508	9.96	3.0	78,549	2.3	5,948
		120	140	99,483	11.92	2.4	76,231	1.9	
		140	160	99,156	14.44	2.0	75,980	1.5	

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	65°F 63% RH	35	50	130,134	5.56	6.9	116,286	6.1	5,701
		40	55	128,327	5.72	6.6	114,371	5.9	
		50	65	124,821	6.12	6.0	109,192	5.2	
		60	75	121,825	6.60	5.4	104,728	4.7	
		70	85	118,975	7.17	4.9	100,093	4.1	
		80	95	116,370	7.84	4.4	95,222	3.6	
		90	105	113,608	8.59	3.9	90,282	3.1	
		100	115	112,649	9.50	3.5	86,320	2.7	
		110	125	111,530	10.52	3.1	82,103	2.3	
		120	135	111,066	11.67	2.8	77,654	2.0	
		130	145	110,997	13.01	2.5	73,394	1.7	
		145	160	111,496	15.40	2.1	65,978	1.3	
	75°F 63% RH	35	50	150,207	5.86	7.5	135,948	6.8	5,278
		40	55	148,593	6.04	7.2	133,645	6.5	
		50	65	144,533	6.42	6.6	128,131	5.8	
		60	75	140,943	6.90	6.0	123,086	5.2	
		70	85	136,912	7.46	5.4	117,549	4.6	
		80	95	133,722	8.11	4.8	112,317	4.1	
		90	105	130,411	8.86	4.3	106,154	3.5	
		100	115	126,843	9.71	3.8	100,127	3.0	
		110	125	124,830	10.70	3.4	94,865	2.6	
		120	135	123,338	11.82	3.1	89,824	2.2	
		130	145	122,417	13.06	2.7	85,108	1.9	
		145	160	121,648	15.24	2.3	76,985	1.5	
	80°F 63% RH	100	120	130,578	10.13	3.8	105,939	3.1	5,102
		120	140	124,820	12.13	3.0	101,267	2.4	
		140	160	119,725	14.74	2.4	97,133	1.9	
	85°F 63% RH	35	50	163,306	6.04	7.9	148,229	7.2	4,791
		40	55	170,421	6.37	7.8	154,121	7.1	
		50	65	166,390	6.76	7.2	149,232	6.5	
		60	75	161,955	7.21	6.6	143,346	5.8	
		70	85	157,710	7.76	6.0	137,437	5.2	
		80	95	153,298	8.39	5.4	130,897	4.6	
		90	105	149,409	9.13	4.8	124,825	4.0	
		100	115	145,298	9.98	4.3	117,882	3.5	
		110	125	141,086	10.92	3.8	110,709	3.0	
		120	135	137,371	11.98	3.4	103,275	2.5	
		130	145	133,634	13.14	3.0	96,048	2.1	
		145	160	128,798	15.08	2.5	84,502	1.6	
	95°F 63% RH	35	50	175,036	6.17	8.3	159,939	7.6	4,170
		40	55	185,099	6.54	8.3	168,240	7.5	
		50	65	189,936	7.07	7.9	171,856	7.1	
		60	75	184,222	7.51	7.2	164,429	6.4	
		70	85	179,489	8.04	6.5	158,251	5.8	
		80	95	173,870	8.65	5.9	150,884	5.1	
		90	105	169,155	9.38	5.3	144,048	4.5	
		100	115	164,237	10.20	4.7	136,680	3.9	
		110	125	159,501	11.13	4.2	129,072	3.4	
		120	135	154,890	12.17	3.7	120,618	2.9	
		130	145	150,727	13.31	3.3	112,491	2.5	
		145	160	143,772	15.20	2.8	99,556	1.9	
		100*	120	136,460	10.13	3.9	94,492	2.7	
		120*	140	130,502	12.08	3.2	90,336	2.2	
		140*	160	126,534	14.63	2.5	87,589	1.8	
	120°F 63% RH	35	50	169,213	5.87	8.5	154,087	7.7	1,964
		40	55	187,638	6.39	8.6	171,006	7.8	
		50	65	209,394	7.22	8.5	191,078	7.8	
		60	75	208,416	7.72	7.9	188,603	7.2	
		70	85	203,907	8.26	7.2	181,643	6.4	
		80	95	199,477	8.89	6.6	175,479	5.8	
		90	105	194,314	9.61	5.9	167,725	5.1	
		100	115	189,467	10.43	5.3	161,124	4.5	
		110	125	185,449	11.37	4.8	153,711	4.0	
		120	135	180,396	12.41	4.3	145,620	3.4	
		130	145	175,440	13.54	3.8	136,948	3.0	
		145	160	168,615	15.46	3.2	123,900	2.3	
		100**	120	139,747	10.08	4.06	102,687	3.0	
		120**	140	136,974	12.1	3.31	100,649	2.4	
		140**	160	133,485	14.39	2.72	98,085	2.0	

* Test conducted at 39% RH

** Test conducted at 29% RH