Rating Conditions

20 °F Superheat

15 F Subcooling

95 °F Ambient Air Over

60 Hz Operation

NULL

NULL

CP22K8ME-PFV

HFC-410A

COPELAWELD®

PFV 208/230-1-60

Condensing Temperature °F (Sat. Dew Pt. Pressure, psig) / **Evaporating Temperature °F (Sat. Dew Pt. Pressure, psig)**

		-10.0 (36)	-5.0 (42)	0.0 (48)	5.0 (55)	10.0 (62)	15.0 (70)	20.0 (78)	25.0 (87)	30.0 (97)	40.0 (118)	45.0 (130)	55.0 (156)
150.0 (613)	C									7,950	12,400	14,850	20,300
	P									1,975	2,170	2,280	2,510
	A									8.9	9.8	10.4	11.7
	M									141	216	257	346
	E									4.1	5.7	6.5	8.1
	%									46.7	57.8	61.5	66.1
140.0 (541)	C							6,860	8,820	10,900	15,500	18,050	23,700
	P							1,740	1,820	1,905	2,100	2,200	2,390
	A							8.2	8.4	8.8	9.7	10.2	11.3
	M							113	144	177	248	286	371
	E							4.0	4.9	5.7	7.4	8.2	9.9
	%							44.2	50.9	56.2	63.0	65.0	67.2
130.0 (477)	C					5,700	7,500	9,410	11,450	13,650	18,500	21,200	27,200
	P					1,545	1,600	1,670	1,750	1,830	2,010	2,100	2,260
	A					7.5	7.7	8.0	8.3	8.6	9.4	9.8	10.6
	M					88	115	143	173	205	274	312	396
	E					3.7	4.7	5.7	6.6	7.5	9.2	10.1	12.1
	%					40.7	48.3	54.3	58.9	62.3	66.3	67.3	67.8
125.0 (447)	C					6,780	8,610	10,600	12,700	14,950	19,950	22,700	28,900
	P					1,510	1,565	1,635	1,710	1,795	1,960	2,040	2,180
	A					7.4	7.6	7.8	8.1	8.5	9.2	9.5	10.3
	M					101	128	156	185	217	286	324	407
	E					4.5	5.5	6.5	7.4	8.4	10.2	11.2	13.3
	%					46.1	52.7	57.8	61.6	64.4	67.4	68.0	67.9
120.0 (418)	C				5,980	7,750	9,640	11,650	13,850	16,200	21,400	24,300	30,700
	P				1,425	1,475	1,535	1,600	1,675	1,755	1,905	1,975	2,090
	A				7.0	7.2	7.4	7.7	8.0	8.3	9.0	9.3	9.9
	M				87	112	138	166	196	227	296	335	419
	E				4.2	5.3	6.3	7.3	8.3	9.3	11.2	12.3	14.7
	%				42.8	50.2	56.0	60.4	63.6	65.8	68.0	68.4	67.9
115.0 (391)	C			5,090	6,800	8,630	10,600	12,700	14,950	17,400	22,800	25,800	32,500
	P			1,360	1,395	1,445	1,505	1,570	1,640	1,710	1,850	1,910	2,000
	A			6.6	6.8	7.0	7.3	7.5	7.8	8.1	8.7	9.0	9.5
	M			72	96	121	147	175	205	237	307	345	430
	E			3.8	4.9	6.0	7.1	8.1	9.1	10.2	12.3	13.5	16.3
	%			38.2	46.4	53.1	58.2	62.1	64.8	66.7	68.4	68.5	67.8
100.0 (318)	C	3,230	4,920	6,730	8,660	10,750	12,950	15,350	17,950	20,700	26,900	30,400	38,000
	P	1,245	1,260	1,290	1,330	1,375	1,425	1,480	1,535	1,585	1,665	1,690	1,690
	A	5.1	5.4	5.8	6.1	6.4	6.7	7.0	7.3	7.5	7.9	8.1	8.1
	M	43	65	88	112	138	166	195	226	260	334	374	464
	E	2.6	3.9	5.2	6.5	7.8	9.1	10.4	11.7	13.1	16.2	18.0	22.5
	%	24.8	34.8	43.2	50.1	55.6	59.8	62.8	65.0	66.3	67.4	67.3	66.1
90.0 (274)	C	3,410	5,280	7,280	9,420	11,700	14,200	16,850	19,700	22,800	29,600	33,400	41,700
	P	1,225	1,240	1,270	1,305	1,345	1,390	1,430	1,470	1,500	1,530	1,520	1,455
	A	4.4	4.8	5.2	5.6	6.0	6.4	6.7	6.9	7.1	7.4	7.4	7.2
	M	43	66	90	116	143	172	203	237	272	349	392	486
	E	2.8	4.3	5.7	7.2	8.7	10.2	11.8	13.5	15.2	19.4	22.0	28.7
	%	23.2	32.9	41.0	47.7	53.0	57.1	60.1	62.3	63.7	64.9	64.8	63.4
80.0 (236)	C	3,080	5,170	7,410	9,810	12,400	15,150	18,150	21,300	24,700	32,300	36,400	45,600
	P	1,235	1,255	1,275	1,305	1,335	1,365	1,385	1,405	1,410	1,380	1,340	1,195
	A	3.7	4.3	4.8	5.2	5.7	6.0	6.3	6.6	6.7	6.8	6.7	6.2
	M	37	61	87	115	144	176	209	244	282	364	409	508
	E	2.5	4.2	5.8	7.5	9.3	11.1	13.1	15.2	17.6	23.4	27.2	38.2
	%	18.0	27.5	35.6	42.3	47.7	52.0	55.2	57.6	59.2	60.6	60.5	58.3

C: Capacity (Btu/hr), P: Power (W), A: Current (Amps), M: Mass Flow (lb/hr), E: EER (Btu/Wh), %: Isentropic Efficiency (%)

Nominal Performance Values (±5%) based on 72 hours run-in. Subject to change without notice. Current @ 230 V