

Rating Conditions

40 °F Return Gas
0 F Subcooling
95 °F Ambient Air Over

60 Hz Operation

EXTENDED MEDIUM TEMPERATURE

HFCs Require Use of Polyol Ester
Lubricant Approved on Form 93-11

Refer AE-1298 for restrictions

CS10K6E-PFV

HFC-404A

COPELAWELD®

PFV 208/230-1-60

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

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

		-25.0 (13)	-15.0 (20)	-10.0 (24)	-5.0 (28)	0.0 (33)	5.0 (38)	10.0 (43)	15.0 (49)	20.0 (55)	25.0 (62)	30.0 (69)
140.0 (402)	C			1,250	2,020	2,800	3,600	4,400	5,220	6,060	6,910	7,780
	P			868	1,000	1,135	1,265	1,390	1,505	1,620	1,725	1,815
	A			4.2	4.7	5.3	5.8	6.3	6.8	7.3	7.8	8.2
	M			36	59	82	106	131	157	185	214	244
	E			1.5	2.0	2.5	2.9	3.2	3.5	3.8	4.0	4.3
	%			29.1	38.6	44.8	48.8	51.4	52.9	53.9	54.3	54.5
130.0 (354)	C		1,200	2,040	2,900	3,800	4,730	5,680	6,680	7,700	8,760	9,860
	P		788	914	1,040	1,165	1,285	1,400	1,515	1,620	1,715	1,800
	A		3.9	4.4	4.9	5.4	5.9	6.4	6.9	7.3	7.7	8.1
	M		30	51	74	97	122	148	175	205	236	269
	E		1.5	2.3	2.8	3.3	3.7	4.1	4.4	4.8	5.1	5.5
	%		27.0	37.5	44.4	49.0	52.0	53.9	55.1	55.8	56.1	56.1
120.0 (310)	C	446	2,120	3,020	3,970	4,970	6,020	7,120	8,270	9,470	10,750	12,050
	P	632	857	972	1,085	1,200	1,310	1,420	1,520	1,615	1,705	1,785
	A	3.2	4.1	4.6	5.1	5.6	6.1	6.5	6.9	7.4	7.7	8.1
	M	10	48	68	91	114	139	166	194	225	258	293
	E	0.7	2.5	3.1	3.7	4.2	4.6	5.0	5.5	5.9	6.3	6.8
	%	12.0	37.4	44.3	49.1	52.3	54.4	55.8	56.5	56.9	56.9	56.6
110.0 (270)	C	1,440	3,160	4,120	5,140	6,230	7,390	8,620	9,920	11,300	12,750	14,250
	P	728	927	1,030	1,130	1,235	1,335	1,430	1,520	1,605	1,685	1,755
	A	3.6	4.4	4.9	5.3	5.8	6.2	6.6	7.0	7.4	7.7	8.0
	M	29	65	85	107	130	156	183	212	244	278	314
	E	2.0	3.4	4.0	4.6	5.1	5.6	6.0	6.5	7.1	7.6	8.2
	%	29.1	44.4	48.9	52.1	54.3	55.7	56.5	56.9	56.9	56.6	56.1
100.0 (235)	C	2,500	4,250	5,240	6,330	7,500	8,750	10,100	11,550	13,050	14,700	16,400
	P	816	986	1,075	1,165	1,250	1,340	1,420	1,500	1,575	1,640	1,695
	A	4.0	4.7	5.1	5.5	5.9	6.3	6.6	7.0	7.3	7.5	7.8
	M	47	81	100	122	145	170	198	227	260	294	332
	E	3.1	4.3	4.9	5.5	6.0	6.6	7.1	7.7	8.3	9.0	9.7
	%	39.1	48.4	51.4	53.5	54.9	55.8	56.2	56.3	56.0	55.5	54.7
90.0 (202)	C	3,550	5,300	6,320	7,450	8,690	10,050	11,500	13,050	14,700	16,500	18,400
	P	887	1,025	1,095	1,170	1,245	1,315	1,385	1,450	1,505	1,560	1,605
	A	4.2	4.9	5.2	5.6	5.9	6.2	6.5	6.8	7.0	7.2	7.4
	M	63	94	113	133	156	181	209	239	272	307	346
	E	4.0	5.2	5.8	6.4	7.0	7.7	8.3	9.0	9.8	10.6	11.5
	%	44.5	50.3	52.3	53.7	54.6	55.2	55.3	55.1	54.6	53.8	52.7
80.0 (173)	C	4,500	6,220	7,260	8,430	9,720	11,150	12,700	14,350	16,150	18,100	20,200
	P	927	1,030	1,085	1,140	1,195	1,250	1,305	1,350	1,395	1,430	1,460
	A	4.4	4.9	5.2	5.5	5.7	6.0	6.2	6.4	6.6	6.7	6.8
	M	74	103	121	141	164	189	216	246	279	315	354
	E	4.9	6.1	6.7	7.4	8.2	8.9	9.8	10.6	11.6	12.7	13.8
	%	47.0	50.8	52.2	53.2	53.9	54.2	54.1	53.7	53.0	51.9	50.4
70.0 (147)	C	5,270	6,940	7,990	9,180	10,500	12,000	13,600	15,400	17,300	19,400	21,600
	P	925	987	1,025	1,060	1,100	1,135	1,170	1,200	1,225	1,245	1,255
	A	4.4	4.8	5.0	5.2	5.4	5.5	5.7	5.8	5.9	5.9	5.9
	M	82	109	126	145	167	191	218	248	281	317	357
	E	5.7	7.1	7.8	8.7	9.6	10.6	11.7	12.9	14.2	15.6	17.2
	%	47.9	50.6	51.8	52.7	53.3	53.5	53.3	52.7	51.6	50.2	48.2

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