

Rating Conditions

4.4 °C Return Gas
0 K Subcooling
35 °C Ambient Air Over

60 Hz Operation

**EXTRA LOW
TEMPERATURE**

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

RFT32C1E-CAV

COPELAMETIC® HFC- 404A

COMPRESSOR

CAV 208/230-1-60

**Condensing Temperature °C
(Sat. Dew Pt. Pressure, bar)**

Evaporating Temperature °C (Sat. Dew Pt. Pressure, bar)

		-34.0 (1.7)	-30.0 (2)	-26.0 (2.4)	-22.0 (2.8)	-18.0 (3.2)	-14.0 (3.7)	-9.0 (4.5)	-5.0 (5.1)	-1.0 (5.8)
60.0 (28.7)	C			476	612	759	921	1,150	1,365	1,610
	P			820	949	1,075	1,195	1,340	1,460	1,585
	A			4.0	4.5	5.0	5.5	6.2	6.7	7.2
	M			24	32	40	49	63	76	91
	E			0.7	0.8	0.8	0.9	1.0	1.1	1.2
	%			49.0	50.4	51.1	51.5	51.6	51.5	51.2
55.0 (25.7)	C			580	731	895	1,080	1,340	1,585	1,860
	P			833	950	1,060	1,170	1,305	1,420	1,540
	A			4.0	4.5	5.0	5.4	6.0	6.5	7.0
	M			27	34	42	51	64	77	92
	E			0.8	0.9	1.0	1.1	1.2	1.3	1.4
	%			49.8	50.8	51.3	51.5	51.3	50.8	50.1
50.0 (23)	C		531	684	850	1,030	1,235	1,530	1,800	2,110
	P		729	840	944	1,045	1,145	1,270	1,380	1,490
	A		3.6	4.1	4.5	4.9	5.3	5.9	6.4	6.8
	M		22	28	35	43	53	66	79	94
	E		0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6
	%		48.8	50.4	51.1	51.4	51.4	50.9	50.1	48.8
45.0 (20.4)	C	469	623	788	968	1,170	1,395	1,720	2,020	2,360
	P	636	741	839	933	1,025	1,115	1,235	1,340	1,445
	A	3.2	3.7	4.0	4.4	4.8	5.2	5.7	6.2	6.6
	M	18	24	30	37	45	54	68	81	96
	E	0.9	1.0	1.1	1.2	1.3	1.5	1.6	1.8	1.9
	%	47.0	49.3	50.6	51.1	51.3	51.0	50.1	48.9	47.2
41.0 (18.6)	C	536	697	870	1,060	1,275	1,520	1,870	2,190	2,560
	P	649	745	835	921	1,005	1,095	1,205	1,305	1,415
	A	3.3	3.7	4.0	4.4	4.8	5.1	5.6	6.0	6.5
	M	19	25	31	38	46	56	70	83	98
	E	1.0	1.1	1.2	1.3	1.5	1.6	1.8	2.0	2.1
	%	47.6	49.5	50.5	50.9	50.9	50.5	49.2	47.6	45.5
36.0 (16.5)	C	618	787	973	1,180	1,410	1,675	2,060	2,410	2,800
	P	658	743	823	902	980	1,060	1,170	1,265	1,375
	A	3.3	3.6	4.0	4.3	4.6	5.0	5.5	5.9	6.3
	M	20	26	33	40	48	57	71	84	100
	E	1.1	1.2	1.4	1.5	1.7	1.8	2.0	2.2	2.4
	%	48.0	49.4	50.2	50.4	50.2	49.4	47.6	45.5	42.8
31.0 (14.5)	C	700	877	1,075	1,295	1,545	1,830	2,240	2,620	3,050
	P	659	734	807	878	951	1,030	1,135	1,230	1,335
	A	3.3	3.6	3.9	4.2	4.5	4.9	5.3	5.7	6.1
	M	22	27	34	41	49	59	73	86	102
	E	1.2	1.4	1.6	1.7	1.9	2.1	2.3	2.5	2.7
	%	48.0	49.1	49.6	49.6	49.0	47.8	45.4	42.8	39.5
26.0 (12.7)	C	779	964	1,175	1,410	1,680	1,985	2,430	2,830	3,300
	P	652	719	785	851	920	994	1,100	1,195	1,300
	A	3.3	3.6	3.8	4.1	4.4	4.7	5.1	5.5	6.0
	M	23	29	35	42	50	60	74	88	103
	E	1.4	1.6	1.7	1.9	2.1	2.3	2.6	2.8	2.9
	%	47.9	48.6	48.7	48.3	47.3	45.7	42.6	39.4	35.4
21.0 (11.1)	C	856	1,050	1,270	1,520	1,805	2,130	2,610	3,050	3,540
	P	638	698	759	820	887	960	1,065	1,160	1,270
	A	3.2	3.5	3.7	4.0	4.3	4.6	5.0	5.4	5.8
	M	24	29	36	43	52	61	76	89	105
	E	1.6	1.8	2.0	2.2	2.4	2.6	2.9	3.1	3.2
	%	47.5	47.8	47.5	46.7	45.2	42.9	39.1	35.1	30.6

C: Capacity (kcal/hr), P: Power (W), A: Current (Amps), M: Mass Flow (kg/hr), E: COP, %: Isentropic Efficiency (%)

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