Rating Conditions

18.3 °C Return Gas

0 K Subcooling

35 °C Ambient Air Over

60 Hz Operation

LOW TEMPERATURE

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

Liquid Injection

ZF15K4E-PFV

HFC-507

COPELAND SCROLL®

PFV 208/230-1-60

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

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

		-40.0 (1.4)	**-35.0** (1.7)	**-35.0** (1.7)	**-30.0** (2.1)	**-30.0** (2.1)	**-25.0** (2.6)	**-25.0** (2.6)	**-20.0** (3.1)	**-18.0** (3.4)
60.0 (29.5)	**C**									4,960
	P									6,200
	A									26.6
	M									236
	E									0.9
	%									54.5
55.0 (26.4)	**C**	2,264	2,850	2,850	3,530	3,530	4,310	4,310	5,230	5,640
	P	4,480	4,770	4,770	5,050	5,050	5,300	5,300	5,550	5,650
	A	20.5	21.5	21.5	22.4	22.4	23.4	23.4	24.3	24.6
	M	93	118	118	147	147	181	181	222	240
	E	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.1	1.2
	%	44.9	48.4	48.4	51.5	51.5	54.3	54.3	56.9	57.8
45.0 (21)	**C**	2,750	3,460	3,460	4,290	4,290	5,260	5,260	6,400	6,910
	P	3,810	4,010	4,010	4,210	4,210	4,410	4,410	4,630	4,720
	A	18.2	18.9	18.9	19.6	19.6	20.2	20.2	21.0	21.3
	M	96	121	121	151	151	187	187	229	248
	E	0.8	1.0	1.0	1.2	1.2	1.4	1.4	1.6	1.7
	%	49.8	54.0	54.0	57.6	57.6	60.7	60.7	63.0	63.7
40.0 (18.7)	**C**	2,960	3,740	3,740	4,640	4,640	5,700	5,700	6,950	7,500
	P	3,510	3,670	3,670	3,840	3,840	4,020	4,020	4,230	4,320
	A	17.2	17.8	17.8	18.3	18.3	19.0	19.0	19.6	20.0
	M	97	122	122	153	153	189	189	231	251
	E	1.0	1.2	1.2	1.4	1.4	1.7	1.7	1.9	2.0
	%	52.0	56.6	56.6	60.4	60.4	63.3	63.3	65.3	65.8
30.0 (14.6)	**C**	3,360	4,240	4,240	5,290	5,290	6,520	6,520	7,960	8,610
	P	2,960	3,070	3,070	3,200	3,200	3,370	3,370	3,580	3,680
	A	15.6	15.9	15.9	16.3	16.3	16.9	16.9	17.5	17.8
	M	97	123	123	154	154	191	191	235	255
	E	1.3	1.6	1.6	1.9	1.9	2.3	2.3	2.6	2.7
	%	55.9	60.8	60.8	64.5	64.5	66.7	66.7	67.3	67.0
25.0 (12.8)	**C**	3,550	4,480	4,480	5,590	5,590	6,900	6,900	8,440	9,120
	P	2,720	2,810	2,810	2,940	2,940	3,110	3,110	3,320	3,430
	A	14.9	15.2	15.2	15.5	15.5	16.0	16.0	16.7	17.0
	M	97	123	123	155	155	192	192	236	256
	E	1.5	1.9	1.9	2.2	2.2	2.6	2.6	3.0	3.1
	%	57.5	62.3	62.3	65.6	65.6	67.1	67.1	66.5	65.7
20.0 (11.2)	**C**	3,730	4,700	4,700	5,870	5,870	7,260	7,260	8,890	9,620
	P	2,490	2,570	2,570	2,700	2,700	2,880	2,880	3,120	3,230
	A	14.3	14.5	14.5	14.8	14.8	15.3	15.3	16.1	16.4
	M	98	124	124	155	155	192	192	237	257
	E	1.7	2.1	2.1	2.5	2.5	2.9	2.9	3.3	3.5
	%	58.8	63.3	63.3	65.9	65.9	66.3	66.3	64.3	62.8
15.0 (9.8)	**C**	3,900	4,920	4,920	6,140	6,140	7,600	7,600	9,330	10,090
	P	2,280	2,360	2,360	2,500	2,500	2,690	2,690	2,950	3,080
	A	13.7	13.9	13.9	14.3	14.3	14.8	14.8	15.6	15.9
	M	98	123	123	155	155	193	193	238	258
	E	2.0	2.4	2.4	2.9	2.9	3.3	3.3	3.7	3.8
	%	59.7	63.6	63.6	65.1	65.1	64.1	64.1	60.4	58.3
5.0 (7.3)	**C**	4,240	5,330	5,330	6,660	6,660	8,260	8,260	10,150	11,000
	P	1,910	2,010	2,010	2,180	2,180	2,430	2,430	2,760	2,920
	A	12.8	13.0	13.0	13.4	13.4	14.1	14.1	15.0	15.5
	M	98	123	123	155	155	193	193	238	258
	E	2.6	3.1	3.1	3.6	3.6	4.0	4.0	4.3	4.4
	%	60.0	61.4	61.4	59.7	59.7	54.9	54.9	47.7	44.3

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