

Rating Conditions

20 °F Superheat
 15 F Subcooling
 95 °F Ambient Air Over

60 Hz Operation

**AIR
 CONDITIONING**

ZR34K3-PFV

HCFC-22
 COPELAND SCROLL®
 PFV 208/230-1-60

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

	-10.0 (17)	0.0 (24)	10.0 (33)	20.0 (43)	30.0 (55)	40.0 (69)	45.0 (76)	50.0 (84)	55.0 (93)
150.0 (382)						27,200	30,100	33,300	36,700
C						3,970	3,950	3,930	3,900
P						18.2	18.1	18.0	17.9
A						447	491	539	590
M						6.8	7.6	8.5	9.4
E						59.5	61.9	64.2	66.2
%									
140.0 (337)					23,600	29,100	32,200	35,600	39,200
C					3,530	3,490	3,470	3,450	3,430
P					16.2	16.0	15.9	15.9	15.8
A					373	454	498	546	597
M					6.7	8.3	9.3	10.3	11.4
E					58.2	63.2	65.4	67.4	69.1
%									
130.0 (297)				20,300	25,300	31,100	34,400	37,900	41,700
C				3,140	3,110	3,080	3,060	3,040	3,020
P				14.5	14.3	14.2	14.1	14.0	14.0
A				309	380	460	505	553	605
M				6.5	8.1	10.1	11.2	12.5	13.8
E				56.5	61.9	66.4	68.3	69.8	71.0
%									
120.0 (260)			17,100	21,700	26,900	33,000	36,500	40,100	44,100
C			2,790	2,770	2,740	2,710	2,700	2,680	2,660
P			12.9	12.8	12.7	12.6	12.5	12.5	12.4
A			252	315	386	467	512	560	611
M			6.1	7.8	9.8	12.2	13.5	15.0	16.6
E			54.1	60.0	64.9	68.7	70.0	71.0	71.5
%									
110.0 (226)		14,100	18,300	23,000	28,500	34,900	38,500	42,400	46,500
C		2,470	2,470	2,450	2,430	2,400	2,380	2,370	2,350
P		11.5	11.5	11.4	11.3	11.2	11.2	11.1	11.1
A		202	258	320	391	473	518	566	617
M		5.7	7.4	9.4	11.8	14.6	16.2	17.9	19.7
E		50.8	57.4	62.8	67.0	69.6	70.3	70.4	69.9
%									
100.0 (196)	11,300	15,100	19,400	24,400	30,100	36,800	40,500	44,500	48,800
C	2,190	2,190	2,190	2,170	2,150	2,130	2,110	2,100	2,090
P	10.3	10.3	10.3	10.2	10.1	10.0	10.0	10.0	9.9
A	157	207	262	325	396	478	523	571	623
M	5.1	6.9	8.9	11.2	14.0	17.3	19.2	21.2	23.4
E	46.4	53.9	60.0	64.7	67.7	68.9	68.6	67.6	65.9
%									
90.0 (168)	12,100	16,000	20,500	25,600	31,600	38,500	42,400	46,500	51,000
C	1,950	1,950	1,940	1,930	1,910	1,880	1,870	1,860	1,850
P	9.3	9.3	9.2	9.2	9.1	9.0	9.0	8.9	8.9
A	162	211	266	329	400	481	527	575	626
M	6.2	8.2	10.6	13.3	16.6	20.4	22.6	25.0	27.5
E	49.5	56.4	61.7	65.3	66.9	66.1	64.6	62.2	58.9
%									
80.0 (144)	12,900	16,900	21,500	26,800	33,000	40,200	44,200	48,400	53,000
C	1,730	1,730	1,720	1,710	1,690	1,670	1,660	1,650	1,640
P	8.4	8.4	8.4	8.3	8.2	8.1	8.1	8.0	8.0
A	166	215	269	331	403	484	529	577	629
M	7.5	9.8	12.5	15.7	19.5	24.1	26.6	29.4	32.3
E	52.0	58.1	62.3	64.4	64.1	60.8	57.7	53.6	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