

Rating Conditions

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

60 Hz Operation

**HIGH
 TEMPERATURE**

ZS15KAE-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)

	0.0 (24)	5.0 (28)	15.0 (38)	20.0 (43)	30.0 (55)	40.0 (69)	45.0 (76)	55.0 (93)
150.0 (382)					15,200	18,600	20,500	24,900
C					2,780	2,950	3,020	3,100
P					12.2	13.0	13.3	13.7
A					279	336	367	438
M					5.5	6.3	6.8	8.0
E					59.7	60.4	60.7	61.9
%								
135.0 (317)				13,800	17,050	20,800	22,900	27,700
C				2,300	2,430	2,570	2,620	2,660
P				10.1	10.7	11.3	11.5	11.6
A				235	285	342	374	446
M				6.0	7.0	8.1	8.8	10.4
E				60.9	61.9	61.9	62.0	62.9
%								
120.0 (260)			13,750	15,350	18,850	22,900	25,300	30,500
C			1,945	1,995	2,110	2,220	2,250	2,250
P			8.6	8.8	9.3	9.7	9.9	9.8
A			217	240	291	348	381	454
M			7.1	7.7	9.0	10.4	11.2	13.6
E			62.6	63.5	63.6	62.7	62.4	62.7
%								
110.0 (226)	10,050	11,550	14,700	16,350	20,100	24,400	26,800	32,400
C	1,735	1,720	1,760	1,805	1,910	2,000	2,020	2,000
P	7.8	7.7	7.8	8.0	8.4	8.8	8.9	8.7
A	155	176	220	243	294	352	385	460
M	5.8	6.7	8.4	9.1	10.5	12.2	13.3	16.2
E	55.3	59.8	64.3	64.8	64.0	62.3	61.7	61.2
%								
100.0 (196)	10,800	12,350	15,550	17,300	21,200	25,800	28,400	34,300
C	1,565	1,550	1,585	1,625	1,720	1,795	1,810	1,770
P	7.1	7.0	7.1	7.2	7.6	8.0	8.0	7.7
A	158	179	223	246	297	356	389	465
M	6.9	8.0	9.8	10.7	12.3	14.4	15.7	19.4
E	57.7	61.9	65.4	65.3	63.5	60.8	59.6	58.0
%								
80.0 (144)	12,100	13,700	17,150	19,050	23,400	28,400	31,300	38,000
C	1,260	1,250	1,285	1,320	1,400	1,455	1,460	1,385
P	5.9	5.8	5.9	6.1	6.5	6.8	6.8	6.4
A	163	183	226	249	301	362	397	475
M	9.6	11.0	13.4	14.5	16.7	19.6	21.5	27.4
E	60.3	63.3	64.1	62.6	57.8	52.1	49.2	43.2
%								
60.0 (102)	13,100	14,750	18,500	20,600				
C	1,020	1,015	1,060	1,100				
P	5.2	5.1	5.4	5.6				
A	163	183	226	250				
M	12.8	14.6	17.4	18.7				
E	57.2	58.3	54.9	51.4				
%								
40.0 (69)	13,700							
C	871							
P	5.1							
A	159							
M	15.7							
E	44.6							
%								

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