

RATING CONDITIONS

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

60 Hz Operation

AIR CONDITIONING

ZR54K5E-PFV

HFC-407C - Dew Pt
 COPELAND SCROLL®
 PFV 208/230-1-60

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

		-10(12)	0(20)	10(28)	20(38)	30(50)	40(63)	45(71)	50(79)	55(87)
Condensing Temperature °F (Sat Dew Pt Pressure, psig)	150 (402) C						34500	39300	44600	50400
	P						6730	6660	6580	6490
	A						30.3	29.95	29.55	29.1
	M						581	655	734	820
	E						5.2	5.9	6.8	7.8
	%						47.3	50.7	54.1	57.5
	140 (352) C					30700	39800	45000	50700	56900
	P					5810	5720	5660	5590	5510
	A					26.2	25.7	25.45	25.1	24.8
	M					490	623	697	778	864
E					5.3	7	8	9.1	10.3	
%					48.1	55	58.3	61.6	64.6	
130 (306) C				26600	34700	44500	50100	56200	62700	
P				5020	4980	4900	4850	4800	4730	
A				22.7	22.45	22.05	21.8	21.6	21.35	
M				405	519	653	729	809	895	
E				5.3	7	9.1	10.3	11.7	13.3	
%				48	54.9	61.5	64.6	67.4	70	
120 (265) C			22300	29400	38200	48800	54700	61100	67900	
P			4350	4340	4300	4240	4200	4160	4110	
A			19.7	19.6	19.4	19.1	18.95	18.8	18.65	
M			326	423	540	675	751	831	917	
E			5.2	6.8	8.9	11.5	13	14.7	16.6	
%			46.6	53.7	60.4	66.3	68.9	71	72.6	
110 (229) C		18100	24300	32100	41500	52600	58800	65400	72500	
P		3790	3790	3780	3750	3710	3680	3650	3620	
A		17.2	17.2	17.1	16.95	16.75	16.65	16.6	16.5	
M		256	338	437	555	691	766	846	930	
E		4.8	6.4	8.5	11.1	14.2	15.9	17.9	20.1	
%		43.8	51.1	58.1	64.3	68.9	70.5	71.5	71.9	
100 (196) C	14200	19550	26400	34700	44600	56200	62600	69400	76700	
P	3320	3330	3320	3310	3300	3280	3260	3250	3230	
A	15.1	15.15	15.15	15.05	14.95	14.85	14.85	14.8	14.85	
M	194	263	348	449	567	702	776	855	937	
E	4.3	5.9	8	10.5	13.6	17.1	19.1	21.4	23.8	
%	39.4	47.2	54.7	61.3	66.3	69	69.3	68.8	67.4	
90 (166) C	15350	21300	28600	37400	47700	59600	66200	73100	80500	
P	2940	2930	2930	2920	2920	2920	2920	2920	2920	
A	13.45	13.45	13.35	13.3	13.25	13.25	13.25	13.35	13.45	
M	199	271	358	461	578	711	784	861	941	
E	5.2	7.3	9.8	12.8	16.4	20.4	22.6	25.1	27.6	
%	42.3	50.5	57.8	63.3	66.4	66.3	65	62.6	59.2	
80 (140) C	16950	23300	31100	40200	50800	62900	69600	76600	84100	
P	2590	2570	2570	2570	2590	2610	2620	2630	2650	
A	11.95	11.85	11.75	11.65	11.65	11.75	11.85	12	12.2	
M	209	284	372	474	590	720	791	865	944	
E	6.5	9.1	12.1	15.6	19.6	24.1	26.6	29.1	31.8	
%	46	54.3	60.7	64.4	64.7	61.1	57.7	53.1	47.4	

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

C:Capacity(Btu/hr), P:Power(Watts), A:Current(Amps), M:Mass Flow(lbs/hr), E:EER(Btu/Watt-hr), %:Isentropic Efficiency(%)