

RATING CONDITIONS

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

60 Hz Operation

AIR CONDITIONING

ZR48K5E-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						33700	38200	43000	48100
	P						5780	5730	5690	5650
	A						25.7	25.5	25.25	25
	M						567	635	706	782
	E						5.8	6.7	7.5	8.5
	%						53.8	57.2	60.2	62.9
	140 (352) C					29200	37700	42400	47400	52700
	P					5030	4960	4930	4900	4870
	A					22.4	22.1	21.95	21.75	21.55
	M					466	589	656	726	801
E					5.8	7.6	8.6	9.7	10.8	
%					52.9	60	63	65.6	67.8	
130 (306) C				24800	32500	41300	46200	51400	57000	
P				4390	4330	4280	4260	4240	4230	
A				19.6	19.4	19.2	19.05	18.9	18.7	
M				379	486	606	671	740	814	
E				5.7	7.5	9.7	10.8	12.1	13.5	
%				51.4	59.2	65.4	67.8	69.8	71.2	
120 (265) C			20600	27600	35500	44600	49700	55100	61000	
P			3830	3780	3740	3710	3700	3690	3690	
A			17.25	17.1	16.95	16.8	16.7	16.55	16.45	
M			302	396	500	617	682	750	824	
E			5.4	7.3	9.5	12	13.4	14.9	16.6	
%			49	57.5	64.3	69.3	71	72.2	72.7	
110 (229) C		16600	22900	30000	38200	47700	52900	58600	64700	
P		3340	3300	3280	3250	3240	3240	3240	3240	
A		15.25	15.1	15.05	14.95	14.85	14.8	14.7	14.55	
M		235	317	408	510	625	689	757	830	
E		5	7	9.2	11.8	14.7	16.4	18.1	20	
%		45.6	54.9	62.4	68	71.4	72.2	72.3	71.7	
100 (196) C	12900	18550	24900	32200	40700	50500	56000	61900	68200	
P	2910	2890	2870	2860	2850	2840	2850	2850	2850	
A	13.55	13.45	13.35	13.35	13.3	13.25	13.2	13.15	13.05	
M	177	249	328	416	516	631	694	762	835	
E	4.5	6.5	8.7	11.3	14.3	17.8	19.6	21.7	23.9	
%	41.1	51.5	59.8	66	69.9	71.4	71.1	69.9	67.9	
90 (166) C	14700	20300	26800	34200	43000	53100	58800	65000	71600	
P	2520	2510	2500	2500	2500	2500	2510	2510	2520	
A	12	11.9	11.85	11.85	11.9	11.9	11.85	11.8	11.75	
M	190	259	336	422	521	635	698	765	838	
E	5.8	8.1	10.7	13.7	17.2	21.3	23.5	25.9	28.4	
%	47.1	56.3	63.3	67.9	69.9	69.1	67.4	64.7	61	
80 (140) C	16250	21900	28400	36100	45100	55700	61600	68000	74900	
P	2190	2190	2190	2190	2190	2190	2200	2200	2210	
A	10.6	10.5	10.5	10.55	10.6	10.65	10.65	10.65	10.6	
M	201	267	342	427	525	638	701	769	842	
E	7.5	10	13	16.5	20.6	25.4	28	30.9	33.9	
%	52.3	60.1	65.5	68.2	68	64.3	60.9	56.4	50.7	

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(%)