

**RATING CONDITIONS**

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

60 Hz Operation

# AIR CONDITIONING

**ZR61K3E-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)
<b>Condensing Temperature °F (Sat Dew Pt Pressure, psig)</b>	150 (402) C						43600	49300	55400	61800
	P						7420	7420	7410	7420
	A						34.1	34.05	34.05	34.05
	M						725	812	903	998
	E						5.8	6.7	7.5	8.3
	%						53.6	56.5	59.1	61.2
	140 (352) C					37800	48600	54600	60900	67700
	P					6470	6450	6450	6450	6450
	A					29.9	29.85	29.8	29.8	29.8
	M					599	755	839	928	1020
E					5.8	7.5	8.4	9.4	10.5	
%					52.8	59.1	61.6	63.7	65.4	
130 (306) C				32100	41900	53200	59400	66000	73100	
P				5650	5630	5620	5620	5620	5620	
A				26.35	26.25	26.2	26.2	26.2	26.2	
M				487	623	776	859	946	1040	
E				5.7	7.5	9.4	10.6	11.8	13	
%				51.3	58.3	63.7	65.7	67.3	68.3	
120 (265) C			26700	35400	45600	57300	63800	70700	78100	
P			4950	4920	4910	4910	4900	4900	4890	
A			23.3	23.2	23.15	23.15	23.15	23.1	23.1	
M			389	506	639	789	871	958	1050	
E			5.4	7.2	9.3	11.7	13	14.4	15.9	
%			48.8	56.5	62.6	67	68.5	69.4	69.7	
110 (229) C		21700	29300	38400	48900	61100	67900	75100	82700	
P		4340	4320	4300	4300	4290	4280	4270	4260	
A		20.75	20.65	20.6	20.6	20.55	20.55	20.5	20.45	
M		305	405	519	650	798	879	965	1055	
E		5	6.8	8.9	11.4	14.3	15.8	17.6	19.4	
%		45.5	53.7	60.6	65.7	68.9	69.6	69.8	69.3	
100 (196) C	17200	23800	31700	41100	52000	64700	71700	79200	87100	
P	3810	3780	3780	3770	3770	3750	3740	3720	3700	
A	18.55	18.45	18.4	18.4	18.4	18.35	18.3	18.2	18.1	
M	234	318	415	528	657	805	885	971	1060	
E	4.5	6.3	8.4	10.9	13.8	17.3	19.1	21.3	23.6	
%	41.6	50.2	57.6	63.4	67.3	69	68.9	68.2	66.6	
90 (166) C	18900	25700	33800	43600	55000	68100	75300	83100	91300	
P	3310	3310	3310	3310	3300	3280	3250	3230	3190	
A	16.55	16.55	16.6	16.6	16.55	16.45	16.35	16.2	16.05	
M	245	327	423	534	663	809	890	975	1065	
E	5.7	7.8	10.2	13.2	16.6	20.8	23.1	25.8	28.6	
%	46.1	53.9	60.2	64.9	67.4	67.3	66.2	64.2	61.3	
80 (140) C	20500	27400	35900	46000	57700	71300	78800	86800	95300	
P	2880	2900	2900	2900	2880	2840	2810	2770	2710	
A	14.95	15	15.05	15	14.95	14.75	14.55	14.35	14.1	
M	253	334	429	540	668	815	896	982	1075	
E	7.1	9.5	12.3	15.8	20.1	25.1	28.1	31.4	35.1	
%	49.9	56.7	61.9	65.1	65.8	63.5	61	57.4	52.6	

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(%)**