

RATING CONDITIONS

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

60 Hz Operation

AIR CONDITIONING

ZR57K3E-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						40700	46000	51700	57800
	P						6940	6930	6930	6930
	A						31.85	31.85	31.8	31.85
	M						678	759	843	932
	E						5.8	6.7	7.5	8.3
	%						53.6	56.5	59.1	61.2
	140 (352) C					35300	45400	51000	56900	63300
	P					6050	6030	6030	6030	6030
	A					27.95	27.9	27.85	27.85	27.85
	M					559	705	784	867	955
E					5.8	7.5	8.4	9.4	10.5	
%					52.8	59.1	61.6	63.7	65.3	
130 (306) C				30000	39200	49700	55500	61700	68300	
P				5280	5260	5250	5250	5250	5250	
A				24.6	24.5	24.5	24.5	24.5	24.5	
M				455	582	725	802	884	970	
E				5.7	7.5	9.4	10.6	11.8	13	
%				51.2	58.3	63.7	65.7	67.3	68.3	
120 (265) C			25000	33100	42600	53600	59600	66100	73000	
P			4630	4600	4590	4590	4580	4580	4570	
A			21.8	21.7	21.65	21.65	21.6	21.6	21.6	
M			363	473	598	738	814	895	980	
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		20300	27400	35900	45700	57100	63400	70200	77300	
P		4060	4030	4020	4020	4010	4000	3990	3980	
A		19.4	19.3	19.25	19.25	19.2	19.2	19.15	19.1	
M		284	378	486	608	747	822	902	987	
E		5	6.8	8.9	11.4	14.3	15.8	17.6	19.4	
%		45.4	53.7	60.6	65.7	68.9	69.7	69.8	69.3	
100 (196) C	16050	22200	29600	38400	48600	60500	67000	74000	81400	
P	3560	3540	3530	3520	3520	3510	3490	3480	3460	
A	17.35	17.25	17.2	17.2	17.2	17.15	17.1	17	16.9	
M	218	297	388	494	615	752	827	907	991	
E	4.5	6.3	8.4	10.9	13.8	17.3	19.1	21.3	23.6	
%	41.5	50.1	57.5	63.4	67.3	69.1	69	68.2	66.6	
90 (166) C	17650	24000	31600	40700	51400	63600	70400	77600	85300	
P	3100	3090	3090	3090	3090	3060	3040	3020	2980	
A	15.5	15.5	15.5	15.5	15.45	15.35	15.25	15.15	15	
M	228	305	395	500	620	757	832	911	996	
E	5.7	7.8	10.2	13.2	16.6	20.8	23.1	25.8	28.6	
%	46	53.8	60.2	64.9	67.4	67.3	66.2	64.2	61.2	
80 (140) C	19100	25600	33600	43000	54000	66700	73700	81100	89100	
P	2700	2710	2710	2710	2690	2650	2630	2590	2540	
A	13.95	14	14.05	14.05	13.95	13.75	13.6	13.45	13.2	
M	236	311	400	505	625	762	837	917	1000	
E	7.1	9.5	12.3	15.8	20.1	25.1	28.1	31.4	35	
%	49.8	56.6	61.8	65.1	65.8	63.5	60.9	57.3	52.5	

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(%)