

**RATING CONDITIONS**

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

60 Hz Operation

# AIR CONDITIONING

**ZR57K3E-TF5**

HCFC-22  
 COPELAND SCROLL®  
 TF5 200/230-3-60

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

		-10(16)	0(24)	10(33)	20(43)	30(55)	40(68)	45(76)	50(84)	55(93)
<b>Condensing Temperature °F (Sat Dew Pt Pressure, psig)</b>	150 (381)C						46500	51500	56500	62500
	P						6450	6400	6350	6350
	A						18	17.9	17.8	17.7
	M						760	835	915	1000
	E						7.2	8	8.9	9.9
	%						62.5	65	67.2	69.2
	140 (337)C					40600	49900	55000	60500	66500
	P					5750	5700	5650	5600	5600
	A					16.3	16.2	16.1	16	16
	M					640	775	845	925	1010
E					7	8.8	9.7	10.8	11.9	
%					61.2	66.3	68.5	70.4	71.9	
130 (297)C				35100	43500	53000	58500	64500	70500	
P				5150	5100	5000	4980	4950	4930	
A				14.8	14.7	14.6	14.5	14.5	14.4	
M				535	650	785	860	935	1020	
E				6.8	8.6	10.6	11.7	13	14.3	
%				59.7	65.1	69.5	71.3	72.7	73.6	
120 (260)C			30100	37600	46300	56500	62000	68000	74500	
P			4570	4520	4470	4420	4390	4370	4350	
A			13.5	13.4	13.3	13.2	13.2	13.2	13.1	
M			442	545	660	795	870	945	1030	
E			6.6	8.3	10.4	12.8	14.1	15.6	17.1	
%			58	63.7	68.4	71.9	73	73.7	73.9	
110 (226)C		25400	32200	40000	49000	59500	65500	71500	78500	
P		4040	4010	3980	3940	3900	3880	3860	3840	
A		12.3	12.2	12.1	12.1	12	12	12	12	
M		363	452	555	670	800	875	955	1040	
E		6.3	8	10.1	12.5	15.3	16.8	18.5	20.4	
%		56	62	67	70.8	72.9	73.2	73	72.1	
100 (196)C	21000	27200	34100	42200	51500	62500	68500	75000	82000	
P	3550	3540	3530	3500	3470	3450	3430	3420	3410	
A	11.2	11.2	11.1	11.1	11.1	11.1	11.1	11.1	11.1	
M	293	371	460	560	675	810	880	960	1040	
E	5.9	7.7	9.7	12	14.8	18.1	20	21.9	24.1	
%	53.6	60.1	65.3	69.3	71.7	72.1	71.3	69.9	67.7	
90 (168)C	22500	28700	35900	44200	54000	65000	71500	78500	85500	
P	3110	3110	3110	3090	3070	3060	3050	3050	3040	
A	10.3	10.3	10.2	10.2	10.2	10.2	10.2	10.2	10.2	
M	300	377	465	565	680	810	885	965	1050	
E	7.2	9.2	11.5	14.3	17.5	21.3	23.4	25.7	28.1	
%	57.6	63.2	67.4	70	70.6	68.8	66.8	63.9	60	
80 (144)C	23700	30000	37300	45900	56000	67500	74000	81500	89000	
P	2720	2740	2740	2740	2730	2730	2730	2730	2730	
A	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	
M	303	380	467	565	680	815	885	965	1050	
E	8.7	11	13.6	16.7	20.5	24.8	27.2	29.8	32.5	
%	60.5	65	67.8	68.7	67.1	62.6	58.9	54.1	48.4	

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(%)**