

**RATING CONDITIONS**

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

60 Hz Operation

# AIR CONDITIONING

**ZR48K5E-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						35700	40500	45500	50600
	P						5510	5460	5420	5380
	A						15.1	15	14.9	14.8
	M						586	659	733	810
	E						6.5	7.4	8.4	9.4
	%						56.4	60.2	63.4	66.1
	140 (337)C					30800	39800	44600	49500	54700
	P					4860	4780	4750	4720	4690
	A					13.55	13.4	13.35	13.25	13.2
	M					485	617	686	757	831
E					6.3	8.3	9.4	10.5	11.7	
%					55.1	63	66	68.5	70.4	
130 (297)C				26000	34400	43400	48200	53200	58500	
P				4300	4230	4180	4160	4140	4110	
A				12.3	12.15	12.05	12	11.95	11.9	
M				395	514	639	705	774	845	
E				6	8.2	10.3	11.6	12.8	14.3	
%				52.8	61.7	68	70.2	71.9	73.1	
120 (260)C			21600	29300	37500	46500	51400	56500	62000	
P			3820	3760	3710	3680	3670	3650	3620	
A			11.25	11.1	11.05	11	10.95	10.9	10.85	
M			318	423	535	655	718	785	856	
E			5.7	7.8	10.1	12.6	14	15.5	17.1	
%			49.8	59.6	66.6	71	72.4	73.3	73.7	
110 (226)C		17650	24500	31900	40100	49300	54300	59600	65300	
P		3420	3350	3310	3290	3270	3250	3230	3190	
A		10.4	10.25	10.2	10.15	10.1	10.1	10.05	9.95	
M		252	345	443	548	664	727	794	864	
E		5.2	7.3	9.7	12.2	15.1	16.7	18.4	20.4	
%		45.9	56.7	64.4	69.4	72	72.6	72.7	72.3	
100 (196)C	14150	20200	26800	34200	42400	51800	57000	62500	68500	
P	3060	2990	2950	2940	2930	2900	2880	2840	2800	
A	9.7	9.55	9.5	9.5	9.45	9.4	9.35	9.3	9.2	
M	196	277	362	454	556	671	733	800	871	
E	4.6	6.8	9.1	11.7	14.5	17.9	19.8	22	24.4	
%	41.6	53.1	61.5	67	70.1	71.1	70.8	70.1	68.9	
90 (168)C	16500	22300	28700	36000	44500	54200	59600	65500	71800	
P	2670	2630	2620	2610	2600	2560	2530	2480	2420	
A	9	8.9	8.9	8.9	8.85	8.8	8.75	8.65	8.5	
M	220	293	373	461	561	675	739	807	879	
E	6.2	8.4	11	13.8	17.1	21.2	23.6	26.4	29.7	
%	49.2	58.1	64.2	67.7	69	68.4	67.3	65.7	63.4	
80 (144)C	18350	23900	30300	37700	46400	56600	62300	68500	75200	
P	2330	2310	2310	2310	2280	2220	2170	2100	2020	
A	8.4	8.4	8.4	8.35	8.35	8.2	8.1	8	7.85	
M	235	302	378	464	564	680	745	815	890	
E	7.8	10.3	13.1	16.4	20.4	25.5	28.8	32.6	37.3	
%	54.7	61.2	65.1	66.9	66.6	64.3	62.3	59.3	55.5	

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(%)**