

RATING CONDITIONS

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

60 Hz Operation

AIR CONDITIONING

ZR72KCE-TF5

HFC-134A
 COPELAND SCROLL®
 TF5 200/230-3-60

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

		-10(1.9)	0(6.5)	10(12)	20(18)	30(26)	40(35)	45(40)	50(45)	55(51)
Condensing Temperature °F (Sat Dew Pt Pressure, psig)	150 (263)C						37300	42000	47100	52500
	P						5450	5450	5450	5500
	A						16.4	16.4	16.5	16.5
	M						680	755	840	925
	E						6.9	7.7	8.6	9.6
	%						59.7	62.5	64.9	66.9
	140 (229)C					31900	40800	45800	51000	57000
	P					4790	4820	4830	4860	4890
	A					14.9	15	15	15.1	15.2
	M					560	695	770	850	935
E					6.7	8.5	9.5	10.5	11.7	
%					57.9	63.6	66	67.8	69.3	
130 (199)C				26900	34800	44100	49400	55000	61000	
P				4220	4240	4280	4300	4330	4370	
A				13.7	13.7	13.8	13.8	13.9	14	
M				453	570	705	785	865	950	
E				6.4	8.2	10.3	11.5	12.7	14	
%				55.6	61.9	66.7	68.5	69.8	70.5	
120 (171)C			22200	29200	37500	47300	53000	59000	65500	
P			3700	3720	3760	3810	3840	3870	3920	
A			12.6	12.6	12.7	12.8	12.9	12.9	13	
M			362	464	580	715	790	870	960	
E			6	7.8	10	12.4	13.8	15.2	16.7	
%			52.9	59.6	65.1	68.8	69.9	70.4	70.2	
110 (146)C		18000	24100	31400	40100	50500	56000	62500	69000	
P		3230	3260	3300	3340	3400	3430	3470	3520	
A		11.6	11.7	11.8	11.8	11.9	12	12.1	12.2	
M		285	372	473	590	725	800	880	965	
E		5.6	7.4	9.5	12	14.8	16.4	18	19.7	
%		49.7	56.8	62.8	67.2	69.4	69.6	69.1	67.8	
100 (124)C	14300	19600	25900	33500	42600	53500	59500	66000	73000	
P	2810	2850	2890	2940	2980	3040	3080	3120	3160	
A	10.8	10.9	11	11.1	11.1	11.3	11.3	11.4	11.5	
M	220	294	379	479	595	730	805	885	970	
E	5.1	6.9	9	11.4	14.3	17.5	19.3	21.1	23	
%	46	53.5	59.9	64.8	67.7	68.2	67.3	65.6	63.1	
90 (104)C	15700	21100	27600	35500	44900	56000	62000	69000	76000	
P	2490	2540	2580	2620	2670	2730	2760	2800	2850	
A	10.3	10.4	10.5	10.5	10.6	10.7	10.7	10.8	10.9	
M	228	300	385	484	600	730	805	885	970	
E	6.3	8.3	10.7	13.6	16.8	20.5	22.5	24.6	26.8	
%	49.7	56.4	61.7	65.2	66.4	64.7	62.6	59.6	55.6	
80 (87)C	16900	22500	29200	37300	47000	58500	65000	72000	79500	
P	2220	2270	2310	2350	2390	2450	2480	2520	2560	
A	9.9	10	10	10.1	10.1	10.2	10.2	10.3	10.4	
M	234	305	388	486	600	730	805	885	965	
E	7.6	9.9	12.7	15.9	19.7	23.9	26.2	28.6	31	
%	52.3	57.9	61.9	63.8	63	58.7	55.2	50.6	44.9	

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(%)