

RATING CONDITIONS

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

60 Hz Operation

AIR CONDITIONING

ZR61K3E-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)
Condensing Temperature °F (Sat Dew Pt Pressure, psig)	150 (381)C						47400	53000	59000	65000
	P						7000	6950	6900	6900
	A						20.8	20.7	20.6	20.5
	M						775	860	950	1040
	E						6.8	7.6	8.5	9.4
	%						58.9	61.7	64.2	66.1
	140 (337)C					41500	52000	57500	63500	70000
	P					6200	6100	6100	6050	6050
	A					18.7	18.5	18.4	18.3	18.3
	M					655	805	890	975	1070
E					6.7	8.5	9.5	10.5	11.6	
%					58.3	64.4	66.8	68.7	70.1	
130 (297)C				35800	45400	56000	62000	68000	75000	
P				5500	5400	5350	5350	5300	5300	
A				16.9	16.7	16.5	16.5	16.5	16.5	
M				545	680	830	910	995	1080	
E				6.5	8.4	10.5	11.6	12.8	14.1	
%				56.9	63.8	68.8	70.5	71.8	72.5	
120 (260)C			30400	39200	48900	60000	66000	72500	79000	
P			4910	4820	4760	4720	4700	4690	4680	
A			15.3	15.1	15	14.9	14.9	14.9	14.9	
M			447	565	700	845	925	1010	1100	
E			6.2	8.1	10.3	12.7	14	15.4	16.9	
%			54.5	62.2	68	71.6	72.7	73.1	73	
110 (226)C		25300	33200	42000	52000	63500	69500	76500	83500	
P		4380	4290	4230	4190	4170	4160	4150	4140	
A		14	13.8	13.6	13.6	13.5	13.6	13.6	13.6	
M		361	467	585	710	855	935	1020	1110	
E		5.8	7.7	9.9	12.4	15.2	16.7	18.4	20.1	
%		51.4	59.9	66.3	70.6	72.7	72.8	72.4	71.2	
100 (196)C	20500	27700	35600	44600	55000	66500	73000	80000	87500	
P	3900	3820	3760	3730	3710	3700	3690	3690	3690	
A	12.8	12.6	12.5	12.4	12.4	12.4	12.4	12.4	12.5	
M	285	379	480	595	720	865	940	1020	1110	
E	5.3	7.3	9.5	12	14.8	18	19.8	21.7	23.7	
%	47.5	56.8	64	68.9	71.5	71.7	70.8	69.2	66.8	
90 (168)C	22600	29700	37700	46900	57500	69500	76500	83500	91500	
P	3370	3320	3300	3290	3290	3290	3290	3290	3290	
A	11.6	11.5	11.4	11.4	11.4	11.4	11.4	11.5	11.5	
M	302	390	489	600	725	870	945	1030	1120	
E	6.7	9	11.5	14.3	17.5	21.2	23.2	25.4	27.8	
%	53.5	61.3	66.9	70	70.5	68.4	66.2	63.2	59.3	
80 (144)C	24400	31500	39600	49000	60000	72500	79500	87500	95500	
P	2890	2880	2880	2900	2920	2940	2940	2950	2940	
A	10.5	10.5	10.5	10.5	10.5	10.6	10.6	10.6	10.6	
M	313	399	495	605	730	875	955	1040	1130	
E	8.4	10.9	13.7	16.9	20.5	24.7	27.1	29.7	32.5	
%	58.8	64.9	68.4	69.3	67.4	62.5	58.8	54	48.3	

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(%)