

**RATING CONDITIONS**

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

60 Hz Operation

# AIR CONDITIONING

**ZP61K5E-TF5**

HFC-410A  
 COPELAND SCROLL®  
 TF5 200/230-3-60

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

		-10(36)	0(48)	5(55)	15(70)	25(87)	35(107)	45(130)	50(142)	55(155)
Condensing Temperature °F (Sat Dew Pt Pressure, psig)	150 (611)C							50500	56000	61800
	P							7640	7580	7530
	A							21.6	21.4	21.3
	M							874	959	1050
	E							6.6	7.4	8.2
	%							62.2	64.5	66.6
	140 (540)C						45700	56200	62000	68200
	P						6720	6620	6570	6540
	A						19.2	18.9	18.8	18.7
	M						736	891	976	1065
E						6.8	8.5	9.4	10.4	
%						62.2	67	69	70.5	
130 (475)C					40700	50300	61500	67600	74200	
P					5910	5820	5750	5720	5700	
A					17.05	16.85	16.65	16.55	16.5	
M					615	751	905	989	1080	
E					6.9	8.7	10.7	11.8	13.1	
%					61.7	67.1	71	72.3	73.1	
125 (446)C				33900	42600	52500	64000	70300	77100	
P				5580	5490	5420	5360	5340	5320	
A				16.2	16	15.8	15.65	15.6	15.55	
M				503	622	757	911	995	1085	
E				6.1	7.8	9.7	11.9	13.2	14.5	
%				58.1	64.3	69.2	72.5	73.5	73.9	
115 (390)C			29200	37100	46200	56700	68800	75500	82800	
P			4880	4830	4770	4720	4680	4670	4660	
A			14.4	14.25	14.1	14	13.9	13.85	13.85	
M			413	517	634	768	921	1005	1095	
E			6	7.7	9.7	12	14.7	16.2	17.8	
%			56.9	63.5	68.8	72.6	74.5	74.6	74	
105 (340)C		28200	31900	40100	49600	60600	73400	80500	88200	
P		4250	4240	4200	4160	4120	4090	4090	4090	
A		12.8	12.75	12.65	12.55	12.45	12.4	12.35	12.35	
M		379	426	527	643	776	929	1015	1105	
E		6.7	7.5	9.6	11.9	14.7	17.9	19.7	21.6	
%		58.8	62.1	67.8	72	74.4	74.6	73.6	71.9	
100 (316)C	22600	29400	33100	41500	51200	62500	75700	83000	90800	
P	3980	3970	3960	3920	3890	3850	3830	3820	3830	
A	12.1	12.05	12.05	11.95	11.85	11.75	11.7	11.7	11.7	
M	299	384	430	531	647	780	933	1020	1110	
E	5.7	7.4	8.3	10.6	13.2	16.3	19.8	21.7	23.8	
%	54	61.3	64.4	69.5	73.1	74.7	73.8	72.3	69.8	
90 (273)C	24700	31600	35400	44100	54300	66200	80000	87700	96000	
P	3470	3470	3460	3430	3400	3370	3350	3340	3340	
A	10.8	10.8	10.8	10.7	10.65	10.55	10.5	10.5	10.5	
M	310	393	438	537	652	785	940	1025	1120	
E	7.1	9.1	10.3	12.8	15.9	19.6	23.9	26.3	28.8	
%	59	65.2	67.8	71.7	73.9	73.7	70.5	67.4	63.4	
80 (235)C	26600	33600	37600	46600	57200	69700	84300	92400	101000	
P	3040	3040	3030	3000	2970	2930	2910	2900	2890	
A	9.75	9.75	9.75	9.7	9.6	9.5	9.4	9.4	9.35	
M	318	398	442	541	656	790	947	1035	1130	
E	8.7	11.1	12.4	15.5	19.3	23.8	29	31.9	35	
%	62.7	67.8	69.8	72.4	72.9	70.6	64.4	59.6	53.5	

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(%)**