

RATING CONDITIONS

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

60 Hz Operation

AIR CONDITIONING

ZP49K5E-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)		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)
150 (611)	C							38900	43700	48900
	P							5980	5960	5910
	A							16.85	16.8	16.75
	M							673	749	831
	E							6.5	7.3	8.3
%							61.2	64.2	67.1	
140 (540)	C						36000	44800	49800	55300
	P						5310	5280	5240	5180
	A						15.1	15	14.95	14.9
	M						578	710	784	864
	E						6.8	8.5	9.5	10.7
%						61.8	67	69.5	72.1	
130 (475)	C					32500	40400	49700	54900	60600
	P					4700	4700	4650	4600	4530
	A					13.6	13.5	13.4	13.35	13.3
	M					490	601	731	804	883
	E					6.9	8.6	10.7	11.9	13.4
%					61.8	66.5	71	73.1	75.1	
125 (446)	C				27300	34200	42200	51700	57100	63000
	P				4390	4430	4420	4350	4300	4240
	A				12.9	12.85	12.8	12.7	12.65	12.6
	M				403	499	609	737	809	888
	E				6.2	7.7	9.6	11.9	13.3	14.8
%				59.1	63.8	68.2	72.3	74.2	75.9	
115 (390)	C			23500	29800	37000	45500	55500	61100	67200
	P			3870	3920	3930	3890	3820	3760	3700
	A			11.7	11.65	11.6	11.55	11.45	11.4	11.35
	M			331	414	508	617	743	814	892
	E			6	7.6	9.4	11.7	14.6	16.3	18.1
%			57.6	62.6	66.9	70.6	73.7	74.9	75.7	
105 (340)	C		22200	25200	31900	39500	48400	58800	64700	71100
	P		3440	3460	3470	3460	3410	3340	3290	3240
	A		10.65	10.65	10.6	10.55	10.45	10.4	10.35	10.3
	M		299	337	419	512	620	745	816	892
	E		6.5	7.3	9.2	11.4	14.2	17.6	19.6	21.9
%		57.4	60.4	65.2	69	71.7	73.3	73.4	73.1	
100 (316)	C	17150	23000	26100	32900	40700	49800	60500	66500	73000
	P	3200	3240	3250	3260	3230	3190	3120	3080	3040
	A	10.15	10.15	10.15	10.1	10.05	10	9.9	9.9	9.85
	M	228	301	339	421	514	621	746	816	893
	E	5.3	7.1	8	10.1	12.6	15.6	19.4	21.6	24.1
%	51.2	58.7	61.6	66.3	69.7	71.8	72.4	71.9	70.7	
90 (273)	C	18450	24500	27800	34900	43100	52700	63900	70200	77000
	P	2840	2850	2850	2840	2810	2770	2730	2700	2680
	A	9.3	9.3	9.3	9.25	9.2	9.15	9.1	9.05	9.05
	M	232	305	343	425	518	625	749	820	896
	E	6.5	8.6	9.8	12.3	15.3	19	23.4	25.9	28.8
%	53.9	61.6	64.5	68.7	70.9	71.2	68.9	66.6	63.3	
80 (235)	C	20100	26400	29800	37300	45900	56000	67700	74300	81400
	P	2460	2450	2440	2430	2410	2400	2390	2390	2380
	A	8.6	8.55	8.55	8.5	8.45	8.4	8.4	8.4	8.4
	M	239	313	351	434	528	635	760	831	907
	E	8.2	10.8	12.2	15.3	19.1	23.3	28.4	31.1	34.1
%	58.3	66.1	68.8	71.9	72.1	69.3	62.9	58.1	52.1	

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(%)