

RATING CONDITIONS

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

60 Hz Operation

AIR CONDITIONING

ZP49K5E-PFV

HFC-410A
 COPELAND SCROLL®
 PFV 208/230-1-60

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							40700	45100	49800
	P							6140	6110	6070
	A							27.7	27.55	27.4
	M							705	774	848
	E							6.7	7.4	8.2
%							62.5	64.6	66.7	
140 (540)	C					36800	45200	49900	55000	
	P					5420	5370	5330	5300	
	A					24.4	24.2	24.05	23.9	
	M					592	717	786	860	
	E					6.8	8.4	9.3	10.4	
%					62	66.5	68.5	70.1		
130 (475)	C					32600	40400	49400	54500	59900
	P					4790	4750	4690	4660	4620
	A					21.55	21.4	21.2	21.05	20.9
	M					493	602	727	797	871
	E					6.8	8.5	10.6	11.7	12.9
%					61.1	66	69.9	71.5	72.6	
125 (446)	C				27200	34100	42100	51500	56700	62300
	P				4510	4480	4440	4390	4360	4320
	A				20.35	20.25	20.1	19.85	19.7	19.55
	M				403	498	607	732	801	876
	E				6	7.6	9.5	11.7	13	14.4
%				57.6	63	67.7	71.2	72.5	73.4	
115 (390)	C			23300	29600	36900	45400	55300	60900	66800
	P			3980	3970	3940	3900	3840	3810	3780
	A			18.05	18	17.85	17.7	17.45	17.35	17.15
	M			330	412	506	615	740	810	884
	E			5.8	7.5	9.3	11.7	14.4	15.9	17.6
%			55.7	61.5	66.5	70.4	72.9	73.5	73.5	
105 (340)	C		22300	25200	31800	39600	48600	59000	64900	71100
	P		3520	3510	3500	3470	3420	3370	3350	3320
	A		16.05	16	15.95	15.8	15.65	15.45	15.3	15.15
	M		300	337	419	513	622	748	817	892
	E		6.3	7.2	9.1	11.4	14.2	17.5	19.4	21.4
%		56.3	59.3	64.7	68.9	71.8	72.8	72.4	71.3	
100 (316)	C	17800	23100	26200	32900	40900	50100	60800	66800	73200
	P	3300	3300	3300	3280	3250	3210	3170	3140	3110
	A	15.15	15.1	15.1	15	14.9	14.75	14.55	14.45	14.3
	M	236	303	340	422	516	625	751	820	895
	E	5.4	7	8	10.1	12.6	15.6	19.2	21.3	23.5
%	51.4	58	60.9	66	69.7	71.8	71.9	70.9	69.1	
90 (273)	C	19250	24800	27900	35000	43400	53100	64300	70500	77200
	P	2920	2920	2910	2890	2870	2830	2790	2770	2750
	A	13.5	13.45	13.45	13.4	13.3	13.15	13	12.9	12.75
	M	242	309	345	427	522	631	756	826	900
	E	6.6	8.5	9.6	12.1	15.2	18.8	23.1	25.5	28.1
%	54.8	60.9	63.5	67.6	70.1	70.4	68	65.5	62	
80 (235)	C	20700	26400	29700	37100	45800	55900	67600	74100	81100
	P	2570	2570	2570	2550	2530	2500	2470	2450	2430
	A	12	12	12	11.95	11.85	11.75	11.65	11.6	11.5
	M	247	313	350	432	526	635	760	830	904
	E	8.1	10.3	11.6	14.6	18.1	22.4	27.4	30.3	33.3
%	57.7	63.1	65.2	68	68.6	66.5	60.9	56.5	50.9	

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(%)