

Rating Conditions

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

60 Hz Operation

**AIR
CONDITIONING**

ZP21K6E-PFV

HFC-410A

COPELAND SCROLL®

PFV 208/230-1-60

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

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

		-10.0 (36)	0.0 (48)	10.0 (62)	20.0 (78)	30.0 (97)	40.0 (118)	45.0 (130)	50.0 (143)	55.0 (156)
145.0 (576)	C						16,650	18,500	20,500	22,600
	P						2,650	2,610	2,580	2,540
	A						11.7	11.5	11.3	11.2
	M						277	306	336	369
	E						6.3	7.1	8.0	8.9
	%						58.3	61.2	63.8	66.2
140.0 (541)	C						17,500	19,400	21,500	23,700
	P						2,460	2,430	2,390	2,360
	A						10.8	10.7	10.5	10.4
	M						279	308	338	371
	E						7.1	8.0	9.0	10.1
	%						60.6	63.3	65.8	68.1
130.0 (477)	C					15,400	19,150	21,200	23,500	25,900
	P					2,180	2,120	2,100	2,070	2,040
	A					9.6	9.3	9.2	9.1	9.0
	M					231	283	313	344	377
	E					7.1	9.0	10.2	11.4	12.7
	%					59.2	65.0	67.4	69.6	71.2
115.0 (391)	C			10,900	13,900	17,500	21,600	23,900	26,400	29,000
	P			1,830	1,790	1,750	1,710	1,690	1,670	1,650
	A			8.1	7.9	7.7	7.5	7.4	7.3	7.2
	M			153	192	238	291	320	351	385
	E			6.0	7.8	10.0	12.7	14.2	15.8	17.6
	%			52.9	59.7	65.7	70.2	71.9	73.0	73.5
110.0 (365)	C			11,400	14,500	18,150	22,400	24,800	27,300	30,000
	P			1,700	1,665	1,630	1,595	1,575	1,555	1,535
	A			7.5	7.4	7.2	7.0	6.9	6.8	6.7
	M			155	194	240	293	322	354	387
	E			6.7	8.7	11.2	14.1	15.8	17.6	19.6
	%			55.2	61.8	67.4	71.3	72.5	73.2	73.2
100.0 (318)	C	7,290	9,580	12,350	15,600	19,450	24,000	26,400	29,100	31,900
	P	1,530	1,505	1,480	1,450	1,420	1,385	1,370	1,350	1,330
	A	6.7	6.6	6.5	6.4	6.3	6.1	6.0	5.9	5.8
	M	96	125	159	198	244	297	326	357	390
	E	4.8	6.4	8.4	10.8	13.7	17.3	19.3	21.6	24.1
	%	45.5	52.7	59.4	65.2	69.6	72.0	72.3	71.9	70.7
90.0 (274)	C	8,020	10,400	13,250	16,650	20,700	25,300	27,900	30,700	33,600
	P	1,330	1,310	1,290	1,270	1,240	1,205	1,185	1,165	1,140
	A	5.9	5.8	5.7	5.6	5.5	5.3	5.2	5.1	5.0
	M	101	129	162	201	247	299	328	359	391
	E	6.1	7.9	10.3	13.2	16.7	21.1	23.6	26.4	29.5
	%	50.2	56.7	62.4	67.0	69.9	70.5	69.6	67.9	65.1
80.0 (236)	C	8,710	11,100	14,050	17,600	21,700	26,500	29,200	32,100	35,100
	P	1,165	1,155	1,135	1,110	1,080	1,040	1,015	991	964
	A	5.2	5.1	5.0	4.9	4.8	4.6	4.5	4.4	4.3
	M	104	131	164	202	247	299	328	358	391
	E	7.5	9.7	12.4	15.9	20.2	25.6	28.8	32.4	36.4
	%	54.0	59.3	63.8	66.9	68.0	66.2	63.9	60.5	55.7

C: Capacity (Btu/hr), P: Power (W), A: Current (Amps), M: Mass Flow (lb/hr), E: EER (Btu/Wh), %: Isentropic Efficiency (%)

Nominal Performance Values (±5%) based on 72 hours run-in. Subject to change without notice. Current @ 230 V