

Rating Conditions

11.1 K Superheat
 8.3 K Subcooling
 35 °C Ambient Air Over

50 Hz Operation

AIR CONDITIONING

ZR40K3E-PFJ

HFC-134A
 COPELAND SCROLL®
 PFJ 220/240-1-50

Condensing Temperature °C
 (Sat. Dew Pt. Pressure, bar) Evaporating Temperature °C (Sat. Dew Pt. Pressure, bar)

	-23.0 (1.2)	-20.0 (1.3)	-15.0 (1.6)	-10.0 (2)	-5.0 (2.4)	0.0 (2.9)	5.0 (3.5)	10.0 (4.1)	15.0 (4.9)
65.0 (18.9) C P A M E %							5,050	6,250	
							2,750	2,740	
							13.8	13.8	
							39	47	
							1.8	2.3	
							52.9	57.2	
60.0 (16.8) C P A M E %						4,400	5,450	6,700	
						2,480	2,460	2,450	
						12.7	12.6	12.6	
						33	40	48	
						1.8	2.2	2.7	
						50.9	55.9	59.9	
55.0 (14.9) C P A M E %					3,750	4,700	5,850	7,150	
					2,250	2,230	2,200	2,190	
					11.7	11.7	11.6	11.6	
					27	33	40	48	
					1.7	2.1	2.7	3.3	
				48.2	53.7	58.5	62.0		
50.0 (13.2) C P A M E %				3,150	4,000	5,050	6,200	7,550	
				2,050	2,020	2,000	1,970	1,970	
				11.0	10.9	10.8	10.8	10.7	
				22	27	34	41	49	
				1.6	2.0	2.5	3.2	3.9	
			45.0	50.6	56.0	60.4	63.1		
45.0 (11.6) C P A M E %			2,635	3,400	4,250	5,350	6,550	8,000	
			1,860	1,840	1,820	1,790	1,770	1,770	
			10.3	10.2	10.2	10.1	10.0	10.0	
			18	22	28	34	41	49	
			1.4	1.8	2.4	3.0	3.7	4.5	
		41.7	47.1	52.7	57.7	61.5	63.0		
40.0 (10.2) C P A M E %		2,180	2,810	3,600	4,500	5,650	6,900	8,400	
		1,670	1,680	1,660	1,630	1,600	1,580	1,590	
		9.7	9.6	9.6	9.5	9.4	9.4	9.4	
		14	18	23	28	34	41	49	
		1.3	1.7	2.2	2.8	3.5	4.4	5.3	
	38.7	43.6	49.0	54.3	58.8	61.4	61.3		
30.0 (7.7) C P A M E %	2,135	2,480	3,150	4,000	5,000	6,200	7,600	9,200	
	1,340	1,350	1,350	1,330	1,300	1,280	1,270	1,300	
	8.6	8.6	8.6	8.5	8.4	8.3	8.3	8.3	
	13	15	19	23	29	35	42	50	
	1.6	1.8	2.4	3.0	3.9	4.9	6.0	7.1	
40.4	42.7	47.2	51.8	55.8	57.9	57.1	52.2		
25.0 (6.7) C P A M E %									

C: Capacity (W), P: Power (W), A: Current (Amps), M: Mass Flow (gm/s), E: COP, %: Isentropic Efficiency (%)

Nominal Performance Values (±5%) based on 72 hours run-in. Subject to change without notice. Current @ 220 V