

Rating Conditions

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

60 Hz Operation

HIGH TEMPERATURE

ZS09KAE-TF5

HCFC-22

COPELAND SCROLL®

TF5 200/230-3-60

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

	0.0 (24)	5.0 (28)	15.0 (38)	20.0 (43)	30.0 (55)	40.0 (69)	45.0 (76)	55.0 (93)
150.0 (382) C P A M E %					9,420	11,550	12,700	15,400
					1,775	1,885	1,930	1,985
					5.3	5.5	5.6	5.8
					173	208	228	271
					5.3	6.1	6.6	7.8
					57.8	58.4	58.7	59.9
135.0 (317) C P A M E %				8,550	10,550	12,900	14,200	17,150
				1,470	1,560	1,645	1,680	1,705
				4.5	4.7	4.9	5.0	5.1
				145	177	212	231	276
				5.8	6.8	7.9	8.5	10.1
			59.0	59.9	59.9	60.0	60.9	
120.0 (260) C P A M E %			8,520	9,520	11,700	14,200	15,650	18,950
			1,245	1,275	1,350	1,420	1,440	1,445
			4.0	4.1	4.3	4.4	4.5	4.5
			134	149	180	216	236	281
			6.9	7.5	8.7	10.1	10.9	13.1
		60.6	61.5	61.5	60.7	60.4	60.7	
110.0 (226) C P A M E %	6,230	7,160	9,100	10,150	12,450	15,100	16,600	20,100
	1,110	1,100	1,125	1,155	1,220	1,280	1,295	1,280
	3.7	3.7	3.8	3.8	4.0	4.1	4.1	4.1
	96	109	136	151	182	218	239	285
	5.6	6.5	8.1	8.8	10.2	11.8	12.9	15.7
53.6	57.9	62.3	62.7	61.9	60.3	59.7	59.2	
100.0 (196) C P A M E %	6,690	7,640	9,640	10,750	13,150	15,950	17,550	21,200
	1,000	992	1,015	1,040	1,100	1,150	1,160	1,135
	3.5	3.5	3.5	3.6	3.7	3.8	3.8	3.8
	98	111	138	152	184	221	241	288
	6.7	7.7	9.5	10.3	12.0	13.9	15.2	18.8
56.0	59.9	63.3	63.3	61.4	58.9	57.7	56.1	
80.0 (144) C P A M E %	7,490	8,490	10,650	11,800	14,500	17,600	19,400	23,500
	806	799	822	845	897	931	932	885
	3.1	3.1	3.1	3.2	3.3	3.4	3.4	3.2
	101	113	140	154	187	224	246	294
	9.3	10.7	13.0	14.0	16.2	18.9	20.8	26.6
58.5	61.3	62.0	60.6	56.0	50.5	47.7	41.9	
60.0 (102) C P A M E %	8,100	9,150	11,450	12,750				
	653	650	679	703				
	2.9	2.9	3.0	3.0				
	101	113	140	155				
	12.4	14.1	16.9	18.2				
55.4	56.4	53.2	49.8					
40.0 (69) C P A M E %	8,460							
	556							
	2.9							
	98							
	15.2							
43.2								

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