

Rating Conditions

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

60 Hz Operation

HIGH TEMPERATURE

ZS33KAE-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 %					32,000	39,100	43,200	52,300
					5,230	5,550	5,690	5,850
					17.0	17.8	18.2	18.7
					587	706	772	921
					6.1	7.1	7.6	9.0
					66.6	67.3	67.6	69.0
135.0 (317) C P A M E %				29,000	35,800	43,700	48,100	58,200
				4,330	4,590	4,840	4,940	5,020
				14.6	15.3	15.9	16.2	16.5
				493	599	719	785	936
				6.7	7.8	9.0	9.8	11.6
			67.9	69.0	69.0	69.1	70.1	
120.0 (260) C P A M E %			28,900	32,300	39,700	48,200	53,100	64,200
			3,670	3,760	3,980	4,180	4,240	4,250
			13.0	13.2	13.7	14.2	14.4	14.5
			456	505	611	732	800	954
			7.9	8.6	10.0	11.6	12.5	15.1
		69.8	70.9	70.9	69.9	69.6	69.9	
110.0 (226) C P A M E %	21,100	24,300	30,900	34,400	42,200	51,200	56,400	68,200
	3,280	3,250	3,320	3,400	3,600	3,770	3,810	3,770
	12.0	11.9	12.1	12.3	12.8	13.2	13.3	13.3
	325	370	463	512	618	741	810	966
	6.5	7.5	9.3	10.1	11.7	13.6	14.8	18.1
61.6	66.7	71.7	72.3	71.3	69.5	68.8	68.3	
100.0 (196) C P A M E %	22,700	25,900	32,700	36,400	44,600	54,200	59,600	72,100
	2,950	2,920	2,990	3,070	3,240	3,390	3,420	3,340
	11.3	11.2	11.3	11.5	11.9	12.3	12.3	12.2
	333	377	468	517	624	749	819	978
	7.7	8.9	11.0	11.9	13.8	16.0	17.5	21.6
64.4	69.0	72.9	72.9	70.8	67.8	66.5	64.7	
80.0 (144) C P A M E %	25,400	28,800	36,100	40,100	49,100	59,800	65,900	79,800
	2,380	2,350	2,420	2,490	2,640	2,740	2,750	2,610
	10.1	10.0	10.1	10.3	10.6	10.8	10.8	10.5
	342	384	475	524	633	761	834	999
	10.7	12.3	14.9	16.1	18.6	21.8	24.0	30.6
67.2	70.6	71.4	69.8	64.4	58.1	54.9	48.2	
60.0 (102) C P A M E %	27,500	31,000	38,900	43,200				
	1,925	1,920	2,000	2,070				
	9.3	9.2	9.4	9.5				
	342	384	474	525				
	14.3	16.2	19.4	20.9				
63.7	64.9	61.1	57.2					
40.0 (69) C P A M E %	28,700							
	1,645							
	9.0							
	333							
	17.5							
49.5								

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