

Rating Conditions

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

60 Hz Operation

HIGH TEMPERATURE

ZS19KAE-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 %					17,250	21,100	23,300	28,300
					3,150	3,340	3,430	3,520
					9.2	9.6	9.8	10.1
					317	381	417	498
					5.5	6.3	6.8	8.0
					59.8	60.4	60.7	61.9
135.0 (317) C P A M E %				15,650	19,350	23,600	26,000	31,500
				2,610	2,760	2,920	2,980	3,020
				7.9	8.3	8.6	8.8	8.9
				266	324	388	424	506
				6.0	7.0	8.1	8.8	10.4
			60.9	61.9	61.9	62.0	62.9	
120.0 (260) C P A M E %			15,600	17,450	21,400	26,100	28,700	34,700
			2,210	2,260	2,400	2,520	2,560	2,560
			7.0	7.1	7.4	7.7	7.8	7.8
			246	273	330	395	432	515
			7.1	7.7	9.0	10.4	11.2	13.6
		62.6	63.5	63.6	62.7	62.4	62.7	
110.0 (226) C P A M E %	11,400	13,100	16,650	18,550	22,800	27,700	30,500	36,800
	1,975	1,955	2,000	2,050	2,170	2,270	2,300	2,270
	6.5	6.5	6.6	6.7	6.9	7.1	7.2	7.2
	175	200	250	276	334	400	437	522
	5.8	6.7	8.4	9.1	10.5	12.2	13.3	16.2
55.3	59.8	64.3	64.8	64.0	62.3	61.7	61.2	
100.0 (196) C P A M E %	12,250	14,000	17,650	19,650	24,100	29,300	32,200	38,900
	1,780	1,760	1,800	1,845	1,955	2,040	2,060	2,010
	6.1	6.1	6.1	6.2	6.5	6.6	6.7	6.6
	180	204	253	279	337	404	442	528
	6.9	8.0	9.8	10.7	12.3	14.4	15.7	19.4
57.7	61.8	65.4	65.3	63.5	60.8	59.6	58.0	
80.0 (144) C P A M E %	13,750	15,550	19,500	21,700	26,500	32,300	35,600	43,100
	1,435	1,420	1,460	1,500	1,590	1,655	1,655	1,570
	5.4	5.4	5.5	5.6	5.7	5.8	5.8	5.7
	185	208	256	283	342	411	451	539
	9.6	11.0	13.4	14.5	16.7	19.6	21.5	27.5
60.3	63.3	64.1	62.6	57.8	52.1	49.2	43.2	
60.0 (102) C P A M E %	14,850	16,750	21,000	23,400				
	1,160	1,155	1,205	1,250				
	5.0	5.0	5.1	5.1				
	185	207	256	283				
	12.8	14.5	17.4	18.7				
57.1	58.2	54.8	51.3					
40.0 (69) C P A M E %	15,500							
	992							
	4.9							
	180							
	15.7							
44.4								

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