

Rating Conditions

65 °F Return Gas
 0 F Subcooling
 95 °F Ambient Air Over

60 Hz Operation

MEDIUM TEMPERATURE

Blue Area Restrictions: 20°F Max
 Superheat

ZB58KCE-TF5

HFC-404A
 COPELAND SCROLL®
 TF5 200/230-3-60

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

	-10.0 (24)	0.0 (33)	10.0 (43)	15.0 (49)	20.0 (55)	25.0 (62)	30.0 (69)	35.0 (77)	45.0 (94)
140.0 (402)					43,400	48,700	54,300	60,200	73,400
C					10,550	10,600	10,600	10,600	10,600
P					31.0	31.0	31.1	31.2	31.2
A					1,130	1,280	1,445	1,620	2,030
M					4.1	4.6	5.2	5.7	6.9
E					55.0	58.0	60.7	63.0	67.1
%									
130.0 (354)			40,200	45,500	50,900	56,600	62,700	69,200	83,700
C			9,350	9,370	9,400	9,430	9,450	9,470	9,480
P			28.0	28.1	28.2	28.3	28.4	28.4	28.5
A			916	1,040	1,175	1,320	1,475	1,645	2,040
M			4.3	4.9	5.4	6.0	6.7	7.3	8.9
E			54.0	57.2	60.0	62.3	64.3	66.1	68.9
%									
120.0 (310)		35,900	46,400	51,900	57,700	63,800	70,400	77,500	93,500
C		8,260	8,310	8,340	8,380	8,410	8,440	8,460	8,470
P		25.5	25.7	25.8	25.9	25.9	26.0	26.1	26.1
A		734	958	1,080	1,210	1,350	1,500	1,670	2,060
M		4.4	5.6	6.2	6.9	7.6	8.4	9.2	11.1
E		52.5	59.3	61.8	63.9	65.7	67.1	68.3	69.8
%									
110.0 (270)	30,800	41,000	51,800	57,600	63,800	70,500	77,600	85,400	103,000
C	7,280	7,320	7,390	7,430	7,480	7,520	7,550	7,570	7,590
P	23.3	23.4	23.6	23.7	23.8	23.9	24.0	24.1	24.1
A	575	771	984	1,100	1,230	1,365	1,520	1,685	2,070
M	4.3	5.6	7.0	7.8	8.6	9.4	10.3	11.3	13.6
E	49.8	57.9	63.3	65.2	66.7	67.9	68.7	69.3	69.5
%									
100.0 (235)	35,000	45,300	56,600	62,800	69,400	76,600	84,400	92,800	112,000
C	6,430	6,490	6,590	6,640	6,680	6,730	6,770	6,790	6,800
P	21.5	21.7	21.9	22.0	22.1	22.2	22.3	22.4	22.4
A	608	793	1,000	1,115	1,240	1,380	1,530	1,695	2,090
M	5.5	7.0	8.6	9.5	10.4	11.4	12.5	13.7	16.5
E	55.5	62.1	66.1	67.4	68.2	68.8	68.9	68.8	67.4
%									
80.0 (173)	41,700	52,500	65,000	72,100	79,700	88,100	97,200	107,000	130,000
C	5,050	5,150	5,270	5,330	5,390	5,430	5,470	5,490	5,480
P	18.8	19.0	19.3	19.4	19.5	19.6	19.7	19.7	19.7
A	639	811	1,010	1,130	1,255	1,395	1,550	1,720	2,120
M	8.3	10.2	12.4	13.5	14.8	16.2	17.8	19.5	23.7
E	62.9	66.2	67.3	67.1	66.5	65.5	64.0	62.0	56.2
%									
70.0 (147)	44,400	55,600	68,800	76,400	84,600	93,600	103,500	114,000	
C	4,490	4,610	4,740	4,800	4,860	4,900	4,930	4,950	
P	17.8	18.1	18.3	18.4	18.5	18.6	18.7	18.7	
A	645	813	1,015	1,130	1,260	1,400	1,560	1,730	
M	9.9	12.1	14.5	15.9	17.4	19.1	21.0	23.1	
E	64.4	66.0	65.4	64.4	62.9	60.8	58.2	54.9	
%									
50.0 (104)	49,100	61,400	76,300	85,000					
C	3,590	3,730	3,870	3,920					
P	16.4	16.6	16.8	16.9					
A	647	814	1,020	1,140					
M	13.7	16.5	19.8	21.7					
E	62.7	60.4	55.7	52.4					
%									

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