

### Rating Conditions

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

60 Hz Operation

### AIR CONDITIONING

### ZR108KCE-TF5

HFC-407C - Dew Pt.

COPELAND SCROLL®

TF5 200/230-3-60

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

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

	-20.0 (7)	-10.0 (12)	0.0 (19)	10.0 (28)	20.0 (38)	30.0 (50)	45.0 (71)	50.0 (79)	55.0 (88)	60.0 (97)	65.0 (107)	70.0 (117)
<b>150.0</b> (402)												
C							90,000	101,000	112,500	125,000	139,000	153,500
P							11,650	11,700	11,750	11,800	11,850	11,900
A							34.1	34.3	34.4	34.5	34.6	34.6
M							1,495	1,656	1,828	2,012	2,209	2,417
E							7.7	8.6	9.6	10.6	11.7	12.9
%							66.3	68.7	70.9	72.6	74.0	75.0
<b>140.0</b> (352)												
C							98,200	109,500	122,000	135,500	149,500	165,000
P							10,350	10,400	10,450	10,500	10,550	10,600
A							30.9	31.0	31.1	31.1	31.2	31.2
M							1,522	1,682	1,853	2,036	2,232	2,440
E							9.5	10.5	11.7	12.9	14.2	15.6
%							69.8	71.7	73.4	74.6	75.3	75.5
<b>130.0</b> (307)												
C						75,400	106,000	118,000	131,000	145,000	160,000	176,500
P						9,070	9,220	9,270	9,310	9,360	9,410	9,460
A						27.6	28.0	28.1	28.2	28.2	28.3	28.3
M						1,128	1,543	1,702	1,873	2,055	2,249	2,456
E						8.3	11.5	12.8	14.1	15.5	17.0	18.7
%						65.8	72.2	73.6	74.6	75.0	74.9	74.1
<b>120.0</b> (266)												
C					64,000	81,300	113,500	126,000	139,500	154,500	170,000	187,000
P					7,950	8,060	8,210	8,250	8,300	8,360	8,410	8,470
A					25.0	25.3	25.6	25.7	25.8	25.8	25.9	25.9
M					918	1,147	1,559	1,717	1,887	2,067	2,260	2,466
E					8.1	10.1	13.9	15.3	16.8	18.5	20.2	22.1
%					63.7	68.7	73.4	74.1	74.1	73.6	72.3	70.3
<b>110.0</b> (229)												
C				53,500	68,700	86,900	120,500	133,500	147,500	163,000	179,500	197,000
P				6,950	7,070	7,170	7,320	7,370	7,430	7,490	7,550	7,620
A				22.8	23.1	23.3	23.6	23.7	23.7	23.8	23.9	24.0
M				740	934	1,161	1,570	1,727	1,895	2,075	2,267	2,471
E				7.7	9.7	12.1	16.5	18.1	19.9	21.8	23.8	25.8
%				61.3	66.5	70.5	72.9	72.6	71.6	69.7	67.1	63.6
<b>100.0</b> (196)												
C			44,000	57,300	73,200	92,100	127,000	140,500	155,500	171,000	188,000	206,000
P			6,050	6,180	6,290	6,390	6,550	6,610	6,670	6,740	6,820	6,900
A			20.9	21.2	21.4	21.6	21.9	22.0	22.1	22.2	22.3	22.5
M			590	754	946	1,170	1,576	1,732	1,899	2,077	2,268	2,471
E			7.3	9.3	11.7	14.4	19.4	21.3	23.3	25.4	27.6	29.9
%			58.5	64.0	68.3	70.8	70.3	68.7	66.3	63.0	58.8	53.5
<b>80.0</b> (141)												
C	28,800	38,400	50,100	64,200	81,100	101,500	138,500	153,000				
P	4,520	4,670	4,790	4,900	5,000	5,110	5,310	5,380				
A	17.8	18.0	18.2	18.3	18.5	18.8	19.2	19.4				
M	360	475	611	770	958	1,178	1,576	1,729				
E	6.4	8.3	10.5	13.1	16.2	19.8	26.1	28.5				
%	51.9	58.1	62.9	66.1	67.2	65.6	57.0	52.1				
<b>70.0</b> (117)												
C	31,200	40,900	52,700	67,100	84,500	105,000						
P	4,020	4,140	4,260	4,360	4,470	4,590						
A	16.6	16.7	16.9	17.0	17.3	17.6						
M	369	483	616	774	959	1,176						
E	7.8	9.9	12.4	15.4	18.9	23.0						
%	54.8	60.0	63.5	64.9	63.7	59.3						
<b>50.0</b> (79)												
C	35,400	45,100	57,100	71,900	89,900							
P	3,100	3,210	3,310	3,420	3,550							
A	14.0	14.0	14.2	14.5	14.9							
M	383	492	621	773	953							
E	11.4	14.1	17.3	21.0	25.3							
%	58.8	60.9	60.3	56.6	49.2							

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