

### Rating Conditions

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

60 Hz Operation

### AIR CONDITIONING

### ZR94KC-TFD

HCFC-22  
 COPELAND SCROLL®  
 TFD 460-3-60

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

	-10.0 (17)	0.0 (24)	10.0 (33)	20.0 (43)	30.0 (55)	40.0 (69)	45.0 (76)	50.0 (84)	55.0 (93)
<b>150.0</b> (382)						73,500	82,500	91,500	102,000
<b>C</b>						10,300	10,300	10,300	10,300
<b>P</b>						15.2	15.2	15.3	15.3
<b>A</b>						1,213	1,345	1,485	1,633
<b>M</b>						7.2	8.0	8.9	9.9
<b>E</b>						62.4	65.2	67.6	69.6
<b>%</b>									
<b>140.0</b> (337)					64,500	80,500	90,000	99,500	110,000
<b>C</b>					9,150	9,150	9,150	9,200	9,200
<b>P</b>					13.9	13.9	13.9	14.0	14.0
<b>A</b>					1,017	1,257	1,387	1,525	1,672
<b>M</b>					7.0	8.8	9.8	10.8	11.9
<b>E</b>					61.2	66.8	69.1	70.9	72.2
<b>%</b>									
<b>130.0</b> (297)				55,000	70,000	87,000	96,500	106,000	117,000
<b>C</b>				8,150	8,150	8,150	8,200	8,200	8,250
<b>P</b>				12.8	12.8	12.8	12.8	12.8	12.9
<b>A</b>				843	1,053	1,290	1,418	1,555	1,700
<b>M</b>				6.8	8.6	10.7	11.8	13.0	14.2
<b>E</b>				59.2	65.4	70.0	71.6	72.7	73.2
<b>%</b>									
<b>120.0</b> (260)			46,500	60,000	75,500	93,000	103,000	113,000	124,000
<b>C</b>			7,250	7,250	7,300	7,300	7,350	7,350	7,400
<b>P</b>			11.8	11.8	11.8	11.8	11.9	11.9	12.0
<b>A</b>			686	872	1,080	1,313	1,441	1,576	1,719
<b>M</b>			6.4	8.3	10.4	12.7	14.0	15.3	16.7
<b>E</b>			56.5	63.3	68.5	71.7	72.5	72.6	72.1
<b>%</b>									
<b>110.0</b> (226)		38,200	50,500	64,500	80,000	98,500	108,000	119,000	130,000
<b>C</b>		6,450	6,450	6,500	6,500	6,550	6,600	6,650	6,700
<b>P</b>		10.9	11.0	11.0	11.0	11.0	11.1	11.1	11.2
<b>A</b>		548	712	894	1,099	1,330	1,456	1,589	1,731
<b>M</b>		5.9	7.8	9.9	12.3	15.0	16.4	17.9	19.4
<b>E</b>		52.8	60.5	66.3	70.2	71.7	71.4	70.5	68.7
<b>%</b>									
<b>100.0</b> (196)	30,600	41,600	54,000	68,500	84,500	103,000	113,000	124,000	136,000
<b>C</b>	5,700	5,750	5,750	5,800	5,850	5,900	5,950	6,050	6,150
<b>P</b>	10.1	10.2	10.3	10.3	10.3	10.4	10.4	10.5	10.6
<b>A</b>	426	571	731	911	1,113	1,340	1,465	1,598	1,738
<b>M</b>	5.4	7.3	9.4	11.8	14.5	17.5	19.0	20.6	22.2
<b>E</b>	48.4	56.9	63.5	68.0	70.2	69.6	68.1	65.8	62.7
<b>%</b>									
<b>90.0</b> (168)	33,600	44,800	57,500	72,000	88,500	108,000	118,000	130,000	142,000
<b>C</b>	5,050	5,100	5,150	5,150	5,250	5,350	5,450	5,500	5,650
<b>P</b>	9.5	9.6	9.6	9.7	9.7	9.8	9.9	10.0	10.1
<b>A</b>	449	590	746	922	1,122	1,347	1,471	1,602	1,741
<b>M</b>	6.6	8.8	11.2	13.9	16.9	20.1	21.8	23.5	25.1
<b>E</b>	52.8	60.2	65.4	68.2	68.3	65.1	62.2	58.4	53.7
<b>%</b>									
<b>80.0</b> (144)	36,500	47,700	60,500	75,500	92,500	112,000	123,000	134,000	147,000
<b>C</b>	4,480	4,520	4,560	4,630	4,730	4,880	4,980	5,100	5,250
<b>P</b>	9.0	9.1	9.1	9.1	9.2	9.4	9.5	9.6	9.7
<b>A</b>	469	605	758	931	1,128	1,351	1,473	1,603	1,741
<b>M</b>	8.1	10.6	13.3	16.3	19.6	23.0	24.7	26.4	28.1
<b>E</b>	56.8	62.7	66.1	66.7	64.1	58.0	53.5	48.1	41.9
<b>%</b>									

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 @ 460 V