

Rating Conditions

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

60 Hz Operation

**HIGH
TEMPERATURE**

ZB76K5E-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 (33)	15.0 (38)	20.0 (43)	25.0 (49)	30.0 (55)	40.0 (69)	45.0 (76)	50.0 (84)	55.0 (93)
150.0 (382)	C P A M E %						93,000 13,600 19.7 1,653 6.8 65.1	103,000 13,700 19.7 1,837 7.5 67.0	113,000 13,700 19.7 2,034 8.2 68.4	123,000 13,800 19.8 2,246 9.0 69.3
140.0 (337)	C P A M E %						101,000 12,200 17.8 1,685 8.3 68.4	111,000 12,200 17.9 1,866 9.1 69.7	122,000 12,300 17.9 2,061 9.9 70.4	133,000 12,400 18.0 2,270 10.8 70.7
130.0 (297)	C P A M E %				80,000 10,800 16.1 1,244 7.5 65.8	89,000 10,800 16.1 1,389 8.3 67.9	108,000 10,900 16.2 1,710 10.0 70.7	119,000 10,900 16.3 1,890 10.9 71.4	130,000 11,000 16.4 2,083 11.8 71.5	142,000 11,100 16.5 2,290 12.8 70.9
120.0 (260)	C P A M E %			77,500 9,550 14.6 1,135 8.1 66.9	86,000 9,600 14.7 1,267 9.0 68.9	95,000 9,600 14.7 1,410 9.9 70.4	116,000 9,750 14.9 1,730 11.9 72.0	127,000 9,800 15.0 1,909 12.9 71.9	138,000 9,900 15.1 2,101 14.0 71.1	151,000 10,000 15.2 2,308 15.1 69.7
110.0 (226)	C P A M E %	66,000 8,400 13.3 918 7.9 65.5	74,000 8,450 13.4 1,030 8.7 67.7	82,000 8,500 13.4 1,152 9.7 69.5	91,500 8,550 13.5 1,284 10.7 70.9	101,000 8,600 13.6 1,426 11.8 71.8	122,000 8,700 13.7 1,746 14.0 71.7	134,000 8,800 13.8 1,925 15.2 70.7	146,000 8,900 13.9 2,117 16.4 69.0	160,000 9,050 14.1 2,324 17.7 66.5
100.0 (196)	C P A M E %	70,000 7,450 12.3 931 9.4 68.0	78,000 7,500 12.4 1,043 10.4 69.6	87,000 7,550 12.4 1,164 11.5 70.8	96,500 7,650 12.5 1,296 12.6 71.5	106,000 7,700 12.6 1,439 13.8 71.6	129,000 7,850 12.7 1,759 16.4 69.7	141,000 7,950 12.9 1,938 17.8 67.6	154,000 8,050 13.0 2,131 19.1 64.8	168,000 8,200 13.1 2,338 20.5 61.1
90.0 (168)	C P A M E %	73,500 6,650 11.5 939 11.1 69.2	82,000 6,700 11.5 1,051 12.2 70.1	91,000 6,750 11.6 1,173 13.4 70.6	101,000 6,850 11.7 1,305 14.8 70.4	112,000 6,900 11.7 1,448 16.1 69.5	135,000 7,100 11.9 1,770 19.0 65.4	148,000 7,200 12.1 1,950 20.5 62.1	162,000 7,350 12.2 2,144 22.0 58.0	176,000 7,500 12.4 2,352 23.5 52.9
80.0 (144)	C P A M E %	76,500 5,950 10.8 944 12.9 68.8	85,500 6,000 10.8 1,056 14.2 68.9	95,000 6,100 10.9 1,178 15.6 68.4	105,000 6,150 11.0 1,311 17.1 67.1	117,000 6,250 11.1 1,455 18.6 65.1	141,000 6,450 11.3 1,780 21.9 58.5	155,000 6,600 11.4 1,961 23.5 53.8	169,000 6,750 11.6 2,156 25.1 48.2	185,000 6,900 11.7 2,367 26.7 41.8
70.0 (121)	C P A M E %	79,500 5,350 10.2 946 14.9 66.5	89,000 5,450 10.3 1,059 16.4 65.5	99,000 5,500 10.3 1,182 18.0 63.9	110,000 5,600 10.4 1,316 19.6 61.5	121,000 5,700 10.5 1,462 21.3 58.1	147,000 5,950 10.7 1,789 24.8 48.6	162,000 6,100 10.9 1,972 26.6 42.4		

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 @ 460 V