

Rating Conditions

11.1 K Superheat
 8.3 K Subcooling
 35 °C Ambient Air Over

50 Hz Operation

**AIR
 CONDITIONING**

ZP296KCE-TED

HFC-410A
 COPELAND SCROLL®
 TED 380/420-3-50

Condensing Temperature °C
 (Sat. Dew Pt. Pressure, bar)

Evaporating Temperature °C (Sat. Dew Pt. Pressure, bar)

	-28.9(2.8)	-23.3(3.5)	-17.8(4.3)	-12.2(5.3)	-6.7(6.4)	-1.1(7.7)	4.4(9.2)	10.0(10.8)	15.6(12.8)	21.1(14.9)	23.9(16)	26.7(17.3)
65.6 C (43.3) P A M E %							53,000 28,700 46.6 398 1.9 64.1	65,500 28,600 46.5 483 2.3 68.8	79,000 28,700 46.7 578 2.8 71.4			
60.0 C (38.3) P A M E %						47,500 25,200 41.7 332 1.9 63.4	59,000 25,000 41.5 405 2.4 68.7	72,000 25,000 41.5 488 2.9 72.1	87,000 25,300 41.9 582 3.4 73.0	103,500 26,000 42.7 684 4.0 71.2	112,500 26,400 43.3 741 4.3 69.1	122,000 27,000 44.0 802 4.5 66.4
54.4 C (33.9) P A M E %					42,000 22,200 37.6 274 1.9 62.0	52,500 22,000 37.3 339 2.4 68.2	64,500 21,900 37.2 411 2.9 72.4	78,500 22,100 37.4 493 3.6 74.1	94,000 22,500 38.0 585 4.2 73.0	111,500 23,300 39.0 686 4.8 68.8	121,000 23,900 39.7 742 5.1 65.5	131,000 24,500 40.6 801 5.4 61.5
48.9 C (29.9) P A M E %				36,000 19,700 34.1 225 1.8 59.8	46,000 19,500 33.8 281 2.4 66.6	57,000 19,400 33.7 345 3.0 71.7	69,500 19,400 33.8 415 3.6 74.4	84,000 19,700 34.2 496 4.3 74.2	100,500 20,300 35.0 587 5.0 70.7	119,000 21,200 36.1 687 5.6 64.0	129,000 21,800 36.9 743 5.9 59.5	139,500 22,600 37.9 801 6.2 54.2
43.3 C (26.2) P A M E %			30,500 17,400 31.1 181 1.8 56.8	39,500 17,200 30.9 230 2.3 64.3	49,500 17,100 30.8 285 2.9 70.1	61,500 17,100 30.8 348 3.6 73.7	74,500 17,300 31.0 418 4.3 74.5	89,500 17,700 31.6 499 5.1 71.9	107,000 18,500 32.5 589 5.8 65.7	126,000 19,500 33.9 688 6.5 56.3	136,500 20,200 34.8 743 6.8 50.5	
37.8 C (22.9) P A M E %		25,200 15,400 28.5 144 1.6 53.5	33,000 15,300 28.4 185 2.2 61.2	42,500 15,200 28.3 234 2.8 67.7	53,000 15,200 28.3 288 3.5 72.0	65,000 15,300 28.5 351 4.3 73.7	79,000 15,600 28.9 420 5.1 72.1	95,000 16,200 29.6 500 5.9 66.8	113,000 17,000 30.7 590 6.6 57.9			
26.7 C (17.3) P A M E %	22,500 11,600 24.2 118 1.9 55.8	29,600 11,700 24.3 152 2.5 62.3	38,000 11,800 24.4 192 3.2 67.2	47,500 12,000 24.5 239 4.0 70.1	59,000 12,200 24.8 292 4.9 70.1	72,000 12,500 25.2 353 5.8 66.5	87,000 13,100 25.8 422 6.7 59.2	104,500 13,900 26.8 501 7.5 48.0				
21.1 C (14.9) P A M E %	24,600 10,000 22.5 123 2.5 61.3	32,000 10,200 22.7 156 3.1 65.7	40,000 10,400 22.9 195 3.9 68.4	50,500 10,700 23.1 241 4.7 68.7	62,000 11,000 23.4 293 5.6 65.7	75,500 11,500 23.9 354 6.6 58.9	91,000 12,200 24.7 423 7.5 48.4					
10.0 C (10.8) P A M E %	28,900 7,250 19.6 133 4.0 73.0	36,000 7,650 20.0 164 4.7 70.9	45,000 8,050 20.3 201 5.6 67.0	55,500 8,500 20.7 246 6.5 60.1	67,500 9,050 21.1 297 7.5 49.8							

C: Capacity (W), P: Power (W), A: Current (Amps), M: Mass Flow (gm/s), E: COP, %: Isentropic Efficiency (%)

Nominal Performance Values (±5%) based on 72 hours run-in. Subject to change without notice. Current @ 400 V