

### Rating Conditions

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

50 Hz Operation

### AIR CONDITIONING

### ZPD182KCE-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)
<b>65.6</b> (43.3)								33,000 17,300 31.9 246 1.9 65.7	39,500 17,300 31.9 293 2.3 68.9	47,500 17,400 31.8 348 2.7 71.0		
<b>60.0</b> (38.3)						30,500 15,300 28.6 211 2.0 66.4	36,500 15,300 28.7 251 2.4 69.6	44,000 15,400 28.7 298 2.9 71.6	52,500 15,400 28.8 352 3.4 72.4	62,500 15,500 28.9 414 4.0 72.0	68,000 15,600 28.9 450 4.4 71.2	74,500 15,600 29.0 488 4.8 70.0
<b>54.4</b> (33.9)					27,300 13,500 25.8 179 2.0 66.6	33,500 13,500 25.9 215 2.5 70.2	40,000 13,600 26.0 255 2.9 72.3	48,000 13,700 26.2 301 3.5 73.1	57,000 13,800 26.3 356 4.1 72.5	68,000 13,900 26.4 418 4.9 70.3	74,000 14,000 26.5 454 5.3 68.6	80,500 14,000 26.5 493 5.8 66.3
<b>48.9</b> (29.9)				24,100 11,900 23.4 150 2.0 66.1	29,600 12,000 23.6 181 2.5 70.2	36,000 12,000 23.8 217 3.0 72.6	43,000 12,200 23.9 257 3.5 73.5	51,500 12,300 24.0 304 4.2 72.9	61,500 12,400 24.2 359 5.0 70.7	73,000 12,500 24.4 422 5.8 66.7	79,500 12,600 24.5 459 6.3 63.8	86,500 12,600 24.5 498 6.9 60.3
<b>43.3</b> (26.2)			20,700 10,500 21.4 123 2.0 64.4	26,000 10,500 21.6 152 2.5 69.5	32,000 10,600 21.8 183 3.0 72.4	38,500 10,800 21.9 218 3.6 73.5	46,000 10,900 22.1 258 4.2 73.0	55,000 11,000 22.3 306 5.0 70.9	65,500 11,200 22.4 362 5.9 66.8	78,000 11,300 22.6 427 6.9 60.6	85,000 11,300 22.7 463 7.5 56.4	
<b>37.8</b> (22.9)		17,500 9,200 19.7 99 1.9 61.6	22,300 9,300 19.9 125 2.4 67.9	27,700 9,400 20.1 153 2.9 71.5	33,500 9,550 20.3 184 3.5 73.0	40,500 9,650 20.4 219 4.2 72.8	48,500 9,800 20.6 260 5.0 70.8	58,500 9,950 20.8 308 5.9 67.0	70,000 10,000 21.0 365 7.0 60.8			
<b>26.7</b> (17.3)	15,700 7,250 17.3 82 2.2 62.3	20,200 7,300 17.5 104 2.8 68.1	25,100 7,450 17.6 127 3.4 70.9	30,500 7,550 17.8 154 4.1 71.5	37,000 7,650 17.9 184 4.9 70.2	45,000 7,750 18.0 220 5.8 66.8	54,000 7,850 18.1 262 6.9 61.1	65,000 7,950 18.2 313 8.2 52.5				
<b>21.1</b> (14.9)	17,100 6,450 16.5 85 2.7 66.3	21,500 6,500 16.6 106 3.3 70.0	26,400 6,600 16.7 128 4.0 71.0	32,000 6,700 16.8 155 4.8 70.0	39,000 6,800 16.8 185 5.7 66.9	47,000 6,900 16.9 222 6.9 61.4	57,000 6,900 17.0 264 8.2 53.1					
<b>10.0</b> (10.8)	20,000 4,960 14.9 92 4.0 73.7	24,300 4,990 14.8 110 4.9 73.0	29,400 5,000 14.8 132 5.9 70.2	35,500 5,050 14.7 158 7.1 65.0	43,000 5,050 14.6 189 8.6 56.9							

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 @ 380 V