

**Rating Conditions**

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

50 Hz Operation

NA  
 NA

NA

NA

**ZP236KCE-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)

	-23.0 (3.6)	-20.0 (4)	-10.0 (5.7)	-5.0 (6.8)	0.0 (8)	2.0 (8.5)	7.0 (9.9)	15.0 (12.5)	20.0 (14.4)
<b>68.0</b> (45.6)					35,000 23,800 38.5 278 1.5 61.3	38,000 23,800 38.6 298 1.6 63.0	45,500 23,900 38.7 353 1.9 66.8	59,500 24,000 39.0 456 2.5 71.2	
<b>60.0</b> (38.3)				33,500 19,800 32.9 237 1.7 62.7	41,000 19,900 33.0 283 2.1 66.9	44,000 19,900 33.1 303 2.2 68.3	52,500 20,000 33.2 357 2.6 71.3	68,500 20,200 33.4 459 3.4 73.6	80,500 20,300 33.7 534 4.0 73.3
<b>54.0</b> (33.5)			30,500 17,300 29.4 200 1.8 62.2	37,000 17,400 29.5 241 2.1 66.7	45,000 17,400 29.6 287 2.6 70.4	48,000 17,500 29.7 307 2.8 71.5	57,500 17,500 29.8 361 3.3 73.7	74,500 17,700 30.1 462 4.2 74.0	87,500 18,000 30.4 537 4.9 71.9
<b>49.0</b> (29.9)			33,000 15,500 27.1 203 2.1 65.4	40,000 15,600 27.1 244 2.6 69.5	48,000 15,700 27.2 289 3.1 72.5	51,500 15,700 27.3 309 3.3 73.4	61,000 15,800 27.4 363 3.9 74.5	79,500 16,000 27.8 465 5.0 72.7	93,000 16,300 28.2 540 5.7 68.7
<b>40.0</b> (24.2)		24,100 12,700 23.3 139 1.9 60.2	36,500 12,800 23.6 206 2.9 69.4	44,500 12,900 23.7 247 3.4 72.3	53,500 13,000 23.8 292 4.1 73.6	57,000 13,000 23.8 312 4.4 73.7	68,000 13,200 24.0 367 5.2 72.4	88,000 13,500 24.5 470 6.5 65.2	103,000 13,900 25.1 545 7.4 57.3
<b>30.0</b> (18.8)	23,800 10,200 20.4 126 2.3 62.3	27,200 10,200 20.5 143 2.7 65.0	40,500 10,400 20.7 209 3.9 70.7	49,000 10,500 20.8 249 4.7 71.1	58,500 10,600 20.9 295 5.5 69.4	63,000 10,700 21.0 315 5.9 68.0	74,500 10,900 21.3 370 6.8 62.6	97,000 11,500 22.1 474 8.4 47.6	
<b>25.0</b> (16.5)	25,200 9,100 19.2 128 2.8 64.6	28,600 9,200 19.3 144 3.1 66.6	42,500 9,400 19.5 209 4.5 69.8	51,500 9,500 19.6 250 5.4 68.5	61,500 9,650 19.8 296 6.3 64.6	65,500 9,750 19.9 316 6.7 62.3	78,000 10,000 20.3 371 7.8 54.2		
<b>20.0</b> (14.4)	26,500 8,100 18.1 129 3.3 66.7	30,000 8,150 18.2 145 3.7 67.9	44,500 8,400 18.4 210 5.3 67.7	53,500 8,550 18.6 250 6.2 64.2	64,000 8,800 18.8 297 7.3 57.7	68,500 8,900 18.9 317 7.7 54.2			
<b>10.0</b> (10.8)	29,300 6,150 16.1 133 4.8 70.9	33,000 6,250 16.1 148 5.3 69.7	48,000 6,600 16.5 212 7.3 59.3	57,500 6,850 16.7 252 8.4 49.6					

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