

ZP182KCE-TFD

HFC, R-410A, 50 Hz, 3 - Phase, 380/420 V . [Also Available with Variable Frequency Drives](#)

**Air Conditioning**

**Production Status:** Available for sale to all U.S. customers. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance			Mechanical	
Evaporator Temp. (°C)	7	2	Displacement (cm <sup>3</sup> /Rev):	167.15
Condensing Temp. (°C)	54	49	Displacement (m <sup>3</sup> /Hr):	
Return Gas Temp. (°C)	18	13	Overall Length (mm):	263.65
Liquid Temp. (°C)	46	41	Overall Width (mm):	285.24
Capacity (Watts)	43961	38978	Overall Height (mm):	551.69
Power (W):	13500	11900	Mounting Length (mm):	190.50
Current (Amps):	26.3	24	Mounting Width (mm):	190.50
EER(BTU/Wh):	18.86	19.03	Mounting Height (mm):	584.96
Mass Flow (lbs/hr):	277.20	234.36	Suction Size (mm),Type:	330.20 / 203.20 Stub
Sound Data @			Discharge Size (mm),Type:	177.80 / 203.20 Stub
Sound Power (dBA):	79 Avg	84 Max	Initial Oil Charge (ml):	3253.14
Vibration mils(peak-peak):	3.0 Avg	4.5 Max	Oil Recharge (ml):	3134.84
Record Date:	2017-03-22		Net Weight (kg):	66.23
			Internal Free Volume (cm <sup>3</sup> ):	14027.27
			Horse Power:	
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical		Capacitors				
		Type	Part No	Low MFD	High MFD	Volts User Description
LRA High* (Amps):	174.0	No data available in table				
LRA Low*(Amps):	157.0					
LRA Half Winding (Amps):						
MCC (Amps):	40					
Max Operating Current (Amps):	34.0					
RLA, MCC/1.4(use for contactor selection)(Amps):	28.6					
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	25.6					
RPM:	2900					
Box IP :	21					
UL File No:	SA-2337					
UL File Date:	1996-09-27					

\*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

