

ZP103KCE-TFD

HFC, R-410A, 60 Hz, 3 - Phase, 460 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. (°F)	45.00	35	Displacement (in ³ /Rev):	5.88
Condensing Temp. (°F)	130.00	120	Displacement (ft ³ /Hr):	
Return Gas Temp. (°F)	65.00	55	Overall Length (in):	12.65
Liquid Temp. (°F)	115.00	105	Overall Width (in):	12.91
Capacity (BTU/hr)	105000	93000	Overall Height (in):	20.99
Power (W):	9550	8450	Mounting Length (in):	7.50
Current (Amps):	14.3	13.2	Mounting Width (in):	7.50
EER(BTU/Wh):	11	11	Mounting Height (in):	21.74
Mass Flow (lbs/hr):	1550	1300	Suction Size (in),Type:	1 3 / 8 Stub
Sound Data @			Discharge Size (in),Type:	7 / 8 Stub
Sound Power (dBA):	77 Avg	82 Max	Initial Oil Charge (oz):	110
Vibration mils(peak-peak):	3.0 Avg	4.5 Max	Oil Recharge (oz):	106
Record Date:	2019-11-15		Oil Type:	3MA
			Net Weight (lbs):	135.0
			Internal Free Volume (in ³):	809.0
			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):	114.0				
LRA Low*(Amps):					No data available in table
LRA Half Winding (Amps):					
MCC (Amps):	26				
Max Operating Current (Amps):	21.00				
RLA, MCC/1.4(use for contactor selection)(Amps):	18.6				
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	16.7				
RPM:	3500				
Box IP :	21				
UL File No:	SA-2337				
UL File Date:	1996-09-27				

European Pressure Equipment Directive (PED):

Fluid Group**:	FG 2
PS Low / High Side (BAR):	29.5 / 45.0
TS Min (°C):	-35 / -35
TS Max (°C):	50 / 150
Volume (L) :	12.6 / 1.5

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

Alternate Applications

Refrigerant	Voltage	Phase	Frequency	Application
R-410A HFC	380/420	3	50	Air Conditioning
