

ZP91KCE-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):	5.16
Condensing Temp. (°F)	130.00	120	Displacement (ft ³ /Hr):	
Return Gas Temp. (°F)	65.00	55	Overall Length (in):	9.57
Liquid Temp. (°F)	115.00	105	Overall Width (in):	9.77
Capacity (BTU/hr)	90500	80400	Overall Height (in):	17.45
Power (W):	8230	7280	Mounting Length (in):	7.50
Current (Amps):	12.55	11.45	Mounting Width (in):	7.50
EER(BTU/Wh):	11	11.05	Mounting Height (in):	18.20
Mass Flow (lbs/hr):	1335	1120	Suction Size (in),Type:	7 / 8 Stub
Sound Data @			Discharge Size (in),Type:	3 / 4 Stub
Sound Power (dBA):	75 Avg	80 Max	Initial Oil Charge (oz):	60
Vibration mils(peak-peak):	2.5 Avg	3.5 Max	Oil Recharge (oz):	56
Record Date:	2011-03-30		Oil Type:	3MA
			Net Weight (lbs):	90.0
			Internal Free Volume (in ³):	264.5
			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):	100.0	No data available in table					
LRA Low*(Amps):							
LRA Half Winding (Amps):							
MCC (Amps):	20						
Max Operating Current (Amps):	16.2						
RLA, MCC/1.4(use for contactor selection)(Amps):	14.3						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	12.8						
RPM:	3500						
Box IP :	21						
UL File No:							
UL File Date:	1993-07-26						

*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 (400v)
R-410A HFC	380/420	3	50	Air Conditioning