

ZP32K3E-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 Copeland Representative for international availability.

Summary

Performance		
Evaporator Temp. (°F)	45.00	45
Condensing Temp. (°F)	130.00	100
Return Gas Temp. (°F)	65.00	65
Liquid Temp. (°F)	115.00	85
Capacity (BTU/hr)	30500	39000
Power (W):	3110	2050
Current (Amps):	4.7	3.5
EER(BTU/Wh):	9.8	19
Mass Flow (lbs/hr):	450	482
Sound Data @		
Sound Power (dBA):	70 Avg	75 Max
Vibration mils(peak-peak):	2.0 Avg	3.0 Max
Record Date:	2025-04-15	
Mechanical		
Displacement (in ³ /Rev):	1.87	
Displacement (ft ³ /Hr):		
Overall Length (in):	9.69	
Overall Width (in):	9.69	
Overall Height (in):	15.65	
Mounting Length (in):	7.50	
Mounting Width (in):	7.50	
Mounting Height (in):	16.40	

Suction Size (in),Type:	3 / 4 Stub
Discharge Size (in),Type:	1 / 2 Stub
Initial Oil Charge (oz):	42
Oil Recharge (oz):	38
Oil Type:	3MA
Net Weight (lbs):	62.0
Internal Free Volume (in³):	211.0

*Overall compressor height on Copeland Brand Product's specified mounting grommets.

Electrical

LRA High* (Amps):	35
LRA Low*(Amps):	
LRA Half Winding (Amps):	
MCC (Amps):	8
Max Operating Current (Amps):	7.00
RLA, MCC/1.4(use for contactor selection)(Amps):	5.7
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	5.1
RPM:	3500
Box IP :	21
UL File No:	SA2337- 19940614
UL File Date:	1994-06-14

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

Capacitors

Type	Part No	Low MFD	High MFD	Volts	User Description
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No data available in table

Alternate Applications

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

Nomenclature

