

ZR61K3E-TFD

HCFC, R-22, 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	45	Displacement (in^3/Rev):			5.04		
Condensing Temp. (°F)	130.00	100	Displacement (ft^3/Hr):					
Return Gas Temp. (°F)	65.00	65	Overall Length (in):			9.69		
Liquid Temp. (°F)	115.00	85	Overall Width (in):			9.69		
Capacity (BTU/hr)	62000	74000	Overall Height (in):			17.24		
Power (W):	5350	3690	Mounting Length (in):			7.50		
Current (Amps):	7.8	5.9	Mounting Width (in):			7.50		
EER(BTU/Wh):	11.6	20	Mounting Height (in):			17.99		
Mass Flow (lbs/hr):	910	955	Suction Size (in),Type:			7 / 8 Stub		
Sound Data @			Discharge Size (in),Type:			1 / 2 Stub		
Sound Power (dBA):	74 Avg	79 Max	Initial Oil Charge (oz):			66		
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Oil Recharge (oz):			62		
Record Date:	2014-03-06		Oil Type:			3MA		
			Net Weight (lbs):			84.0		
			Internal Free Volume (in^3):			257.0		
			Horse Power:			5.0		
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.					
Electrical			Capacitors					
LRA High* (Amps):		62.0	Type	Part No	Low MFD	High MFD	Volts	User Description
LRA Low*(Amps):			No data available in table					
LRA Half Winding (Amps):								
MCC (Amps):		12.8						
Max Operating Current (Amps):		9.6						
RLA, MCC/1.4(use for contactor selection)(Amps):		9.1						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):		8.2						
RPM:		3500						
Box IP :		21						
UL File No:		SA-2337						
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-22 HCFC	380/420	3	50	Air Conditioning
R-407C HFC	460	3	60	Air Conditioning
R-407C HFC	380/420	3	50	Air Conditioning