

ZR47KCE-TFD

HFC, R-407C, 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. (°F)	45.00	45	Displacement (in^3/Rev):	3.92
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)	37400	45200	Overall Height (in):	16.95
Power (W):	3440	2230	Mounting Length (in):	7.50
Current (Amps):	6.5	5.1	Mounting Width (in):	7.50
EER(BTU/Wh):	10.9	20.3	Mounting Height (in):	17.18
Mass Flow (lbs/hr):	545	560	Suction Size (in),Type:	7 / 8 Stub
Sound Data @			Discharge Size (in),Type:	1 / 2 Stub
Sound Power (dBA):	71 Avg	76 Max	Initial Oil Charge (oz):	46
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Oil Recharge (oz):	42
Record Date:	2005-04-15		Oil Type:	3MA
			Net Weight (lbs):	62.0
			Internal Free Volume (in^3):	205.0
			Horse Power:	4.0
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical		Capacitors					
LRA High* (Amps):	48.0	Type	Part No	Low MFD	High MFD	Volts	User Description
LRA Low*(Amps):	43.0	No data available in table					
LRA Half Winding (Amps):							
MCC (Amps):	10						
Max Operating Current (Amps):	8.0						
RLA, MCC/1.4(use for contactor selection)(Amps):	7.1						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	6.4						
RPM:	2900						
Box IP :	21						
UL File No:	SA-2337						
UL File Date:	2014-03-21						

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which the motor is approved.

Alternate Applications				
Refrigerant	Voltage	Phase	Frequency	Application
R-407C HFC	460	3	60	Air Conditioning

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