

# ZR24K4E-PFJ

HFC, R-407C, 50Hz, 1- Phase, 220/240 V

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

<u>Evap(°C)/Cond(°C)</u>	<u>7.2 / 54.4</u>	<u>7.2 / 37.8</u>
<u>RG(°C)/SubCool(°C)</u>	<u>18.3 / 8</u>	<u>18.3 / 8</u>
Capacity (Watts)	5550	6700
Power (Watts):	1900	1250
Current (Amps):	8.50	6.00
EER (COP):	2.93	5.36
Mass Flow (g/s):	35	36
Sound Power (dBA):	65 Avg	70 Max
Vibration (mm(peak- Vibration (mm(peak- Record Date:	0.051 Avg 0.076 Max 2005-04-15	

## Mechanical

Number of Cylinders:	0	Displ(cm <sup>3</sup> /Rev):	33.12
Bore Size(mm):	0.00	Displ(meters <sup>3</sup> /hr):	5.76
Stroke(mm):	0.00		
Overall Length (mm):	236.1	Mounting Length (mm):	190.50
Overall Width (mm):	236.1	Mounting Width (mm):	190.50
Overall Height (mm):	377.6	Mounting Height (mm):	383.0 *
Suction Size (mm):		19 1/16 Stub	
Discharge Size (mm):		12 11/16 Stub	
Oil Recharge (ml):		621	
Initial Oil Charge (ml):		739	
Net Weight (kg):		19.96	
Internal Free Volume (cm <sup>3</sup> ):		2310.99	
Horse Power:		2	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	52.0	MCC (Amps):	13.5	UL File No:	
LRA-Half Winding:		RPM:		UL File Date:	01-Nov-1995
LRA Low*:		Max Operating Current:	12.3		
RLA(=MCC/1.4;use for contactor selection):		9.6			
RLA(=MCC/1.56;use for breaker & wire size		8.7			
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

## Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-407C HFC	60	1	265	Air Conditioning