

ZR47K3-PFV

HCFC, R-22, 60Hz, 1- Phase, 208/230 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

Evap(°F)/Cond(°F)	<u>45 / 130</u>	<u>45 / 100</u>
RG(°F)/Liq(°F)	<u>65 / 115</u>	<u>65 / 85</u>
Capacity (Btu/hr)	48200	56300
Power (Watts):	4190	2920
Current (Amps):	18.20	13.30
EER (Btu/Wh):	11.50	19.30
Mass Flow (lbs/hr):	705	725
Sound Power (dBA):	71 Avg	76 Max
Vibration (mils(peak-))	2.0 Avg	3.0 Max
Record Date:	2001-08-15	

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	3.86
Bore Size(in):	0.00	Displ(ft ³ /hr):	469.58
Stroke(in):	0.00		
Overall Length (in):	9.69	Mounting Length (in):	7.50
Overall Width (in):	9.69	Mounting Width (in):	7.50
Overall Height (in):	16.95	Mounting Height (in):	17.18 *
Suction Size (in):		7/8 Stub	
Discharge Size (in):		1/2 Stub	
Oil Recharge (oz):		38	
Initial Oil Charge (oz):		42	
Net Weight (lbs):		69	
Internal Free Volume (in ³):		205.0	
Horse Power:		4	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	137.0	MCC (Amps):	30.0	UL File No:	
LRA-Half Winding:		RPM:		UL File Date:	14-Jun-1994
LRA Low*:		Max Operating Current:	22.7		
RLA(=MCC/1.4;use for contactor selection):		21.4			
RLA(=MCC/1.56;use for breaker & wire size)		19.2			
*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-22 HCFC	50	1	200	Air Conditioning