

# ZR18K1-PFV



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

Air Conditioning

**Production Status:** This model is obsolete and is no longer in production for both OEM and service replacement.

## Performance

Evap(°F)/Cond(°F)	45/130	45/100
RG(°F)/Liq(°F)	65/115	65/85
Capacity (Btu/hr):	18000	21200
Power (Watts):	1730	1220
Current (Amps):	8	5.9
EER (Btu/Wh):	10.4	17.4
Mass Flow(lbs/hr):	265.0	273.0
Sound Power (dBA):	72 Ave	72 Max
Vibration(mils(peak-peak)):	3.0 Ave	3.0 Max

## Mechanical

Number of Cylinders:	0	CIR (in <sup>3</sup> /Rev):	1.527
Bore Size (in):	0.0	CFH (ft <sup>3</sup> /hr):	185.5732
Stroke (in):	0.0		
Overall Length (in):	9.38	Mounting Length (in):	7.5
Overall Width (in):	9.38	Mounting Width (in):	7.5
Overall Height (in):	13.88	Mounting Height (in):	14.63*
Suction Size(in):		3/4 Stub	
Discharge Size (in):		1/2 Stub	
Initial Oil Charge (oz):	24		
Oil Recharge (oz):	20		
Net Weight (lbs):			
HorsePower	1.5		
* Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	50.0	UL File No.:	SA-2337	Max Operating Current(Amps):	
LRA-Low*:		UL File Date:	28-Sep-1987	MCC (Amps):	15.0
LRA-Half Winding:		CSA File No.:	LR3104C	RPM:	
RLA(=MCC/1.4; use for contactor selection):	10.7				
RLA (=MCC/1.56; use for breaker & wire size selection):	9.6				
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

## Alternate Applications

<u>Refrigerant</u>	<u>Frequency(Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
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