

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**Production Status:** This model is obsolete and is no longer in production for both OEM and service replacement.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):	34700	47300
Power (Watts):	3420	2830
Current (Amps):	15.6	13.1
EER (Btu/Wh):	10.1	16.7
Mass Flow(lbs/hr):	510.0	610.0
Sound Power (dBA):	75 Ave	80 Max
Vibration(mils(peak-peak)):	1.1 Ave	2.1 Max

**Mechanical**

Number of Cylinders:	2	CIR (in <sup>3</sup> /Rev):	3.886
Bore Size (in):	1.96	CFH (ft <sup>3</sup> /hr):	472.2600
Stroke (in):	0.64		
Overall Length (in):	9.44	Mounting Length (in):	7.5
Overall Width (in):	9.0	Mounting Width (in):	7.5
Overall Height (in):	14.56	Mounting Height (in):	14.94*
Suction Size(in):		3/4 Stub	
Discharge Size (in):		3/8 Stub	
Initial Oil Charge (oz):	55		
Oil Recharge (oz):	51		
Net Weight (lbs):	68.0		
HorsePower			
* Overall compressor height on Copeland Brand Product's specified mounting grommets.			

**Electrical**

LRA-High*:	83.5	UL File No.:	SA-2337	Max Operating Current(Amps):	
LRA-Low*:		UL File Date:	28-Dec-1984	MCC (Amps):	27.9
LRA-Half Winding:		CSA File No.:	LR3104C	RPM:	
RLA(=MCC/1.4; use for contactor selection):	19.9				
RLA (=MCC/1.56; use for breaker & wire size selection):	17.9				
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

**Alternate Applications**

Refrigerant	Frequency(Hz)	Phase	Voltage	Application
R-22 HCFC	50	1	200	Air Conditioning
R-22 HCFC	50	1	200	High Temperature
R-502 CFC	50	1	200	
R-22 HCFC	60	1	208/230	High Temperature
R-502 CFC	60	1	208/230	