

HCFC, R-22 ,Mid Point, 60 Hz, 3 - Phase, 200/230 V

High Temperature

Production Status: This model is obsolete and is no longer in production for both OEM and service replacement.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	20/120
RG(°F)/Liq(°F)	65/130	65/120
Capacity (Btu/hr):	43700	21800
Power (Watts):	4580	3230
Current (Amps):	13.2	10
EER (Btu/Wh):	9.5	6.8
Mass Flow(lbs/hr):	690.0	319.0
Sound Power (dBA):	76 Ave	81 Max
Vibration(mils(peak-peak)):	1.2 Ave	2.2 Max

Mechanical

Number of Cylinders:	2	CIR (in ³ /Rev):	4.948
Bore Size (in):	1.96	CFH (ft ³ /hr):	601.3248
Stroke (in):	0.82		
Overall Length (in):	9.44	Mounting Length (in):	7.5
Overall Width (in):	9.0	Mounting Width (in):	7.5
Overall Height (in):	15.31	Mounting Height (in):	15.69*
Suction Size(in):		7/8 Stub	
Discharge Size (in):		1/2 Stub	
Initial Oil Charge (oz):	55		
Oil Recharge (oz):	51		
Net Weight (lbs):	78.7		
HorsePower			
* Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	84.0	UL File No.:	SA-2337	Max Operating Current(Amps):	
LRA-Low*:		UL File Date:	28-Dec-1984	MCC (Amps):	23.5
LRA-Half Winding:		CSA File No.:	LR3104C	RPM:	
RLA(=MCC/1.4; use for contactor selection):	16.8				
RLA (=MCC/1.56; use for breaker & wire size selection):	15.1				
*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	60	3	200/230	Air Conditioning
R-502 CFC	60	3	200/230	
R-22 HCFC	50	3	200/240	Air Conditioning
R-22 HCFC	50	3	200/240	High Temperature
R-502 CFC	50	3	200/240	