

9RC1-101A-TFD

HCFC, R-22, 60Hz, 3- Phase, 460 V
High Temp



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)	45 / 130	20 / 120
RG(°F)/Liq(°F)	65.0 / 130.0	65.0 / 120.0
Capacity (Btu/hr)	120000	76000
Power (Watts):	12500	9450
Current (Amps):	20.70	16.40
EER (Btu/Wh):	9.60	8.10
Mass Flow (lbs/hr):	1900	1110
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	2006-12-21	

Mechanical

Number of Cylinders:	3	Displ(in ³ /Rev):	26.58
Bore Size(in):	2.38	Displ(ft ³ /hr):	1615.11
Stroke(in):	2.00		
Overall Length (in):	26.81	Mounting Length (in):	15.00
Overall Width (in):	14.00	Mounting Width (in):	12.00
Overall Height (in):	17.88	Mounting Height (in):	18.88 *
Suction Size (in):	1 3/8 Sweat		
Discharge Size (in):	1 1/8 Sweat		
Oil Recharge (oz):	105		
Initial Oil Charge (oz):	115		
Net Weight (lbs):	338		
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	110.0	MCC (Amps):	28.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	26-Apr-1972
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):			20		
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	Freq (Hz)	Phase	Voltage	Application
R-22 HCFC	60	3	460	
R-502 CFC	60	3	460	
R-22 HCFC	50	3	380/400	High Temp
R-22 HCFC	50	3	380/400	
R-502 CFC	50	3	380/400	Medium Temperature