

4RR2-3000-FSD

HCFC, R-22, 50Hz, 3- Phase, 380/420 V
High Temperature



Production Status: Available for sale to all U.S. customers. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance

Evap(°C)/Cond(°C)	<u>7.2 / 54.4</u>	<u>-6.7 / 48.9</u>
RG(°C)/Liq(°C)	<u>18.3 / 54.4</u>	<u>18.3 / 48.9</u>
Capacity (Watts)	66000	41500
Power (Watts):	24000	17900
Current (Amps):	56.90	45.70
EER (COP):	2.75	2.34
Mass Flow (g/s):	447	262
Sound Power (dBA):	0 Avg	0 Max
Vibration (mm(peak-))	0.0 Avg	0.0 Max
Record Date:	2006-09-08	

Mechanical

Number of Cylinders:	4	Displ(cm ³ /Rev):	950.00
Bore Size(mm):	74.63	Displ(meters ³ /hr):	84.59
Stroke(mm):	55.58		
Overall Length (mm):	689.8	Mounting Length (mm):	381.00
Overall Width (mm):	503.1	Mounting Width (mm):	304.80
Overall Height (mm):	528.5	Mounting Height (mm):	537.4 *
Suction Size (mm):	2 1/8 Sweat		
Discharge Size (mm):	1 3/8 Sweat		
Oil Recharge (liter):	7		
Initial Oil Charge (liter):	7		
Net Weight (kg):	241.76		
Internal Free Volume (cm ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	200.0	MCC (Amps):	82.6	UL File No:	SA-2337
LRA-Half Winding:	121.0	RPM:		UL File Date:	07-Apr-1971
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		59			
RLA(=MCC/1.56;use for breaker & wire size)		52.9			
*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	High Temperature
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