

6RS2-400A-TSN

HCFC, R-22, 60 Hz, 3 -Phase, 230 V

Air Conditioning



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

Performance

Evaporator Temp. (°F)	45	35
Condensing Temp. (°F)	130	105
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	115	90
Capacity (Btu/hr)	425000	414000
Power (W):	44200	35100
Current (Amps):	132.90	111.00
EER (Btu/Wh):	9.60	11.80
Mass Flow (lbs/hr):	6250	5500
Sound Data @		
Sound Power (dBA):		
Vibration mils(peak-peak):		
Record Date:	2004-09-13	

Mechanical

Displacment(in ³ /Rev):	89.00
Displacment(ft ³ /hr):	5407.86
Overall Length (in):	30.16
Overall Width (in):	24.13
Overall Height (in):	20.81
Mounting Length (in):	15.00
Mounting Width (in):	12.00
Mounting Height (in):	21.16 *
Suction Size (in),Type:	2 1/8 Sweat
Discharge Size (in),Type:	1 3/8
Initial Oil Charge (oz):	255
Oil Recharge (oz):	245
Net Weight (lbs):	569.0
Internal Free Volume (in ³):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical

LRA-High*(Amp):	594.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	340.0
MCC (Amps):	198.0
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	141.4
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	126.9
RPM:	
UL File No:	SA-2337
UL File Date:	1971-04-07
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.	

Capacitors

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-22 HCFC	230	3	60	High Temp
R-22 HCFC	460	3	60	High Temp
R-22 HCFC	200	3	50	Air Conditioning
R-22 HCFC	400	3	50	Air Conditioning
R-22 HCFC	460	3	60	Air Conditioning
R-22 HCFC	200	3	50	High Temp
R-22 HCFC	400	3	50	High Temp
R-22 HCFC	230	3	60	Air Conditioning
R-22 HCFC	460	3	60	Air Conditioning
R-22 HCFC	230	3	60	High Temp

Alternate Applications

<u>Refrigerant</u>	<u>Voltage</u>	<u>Phase</u>	<u>Freq (Hz)</u>	<u>Application</u>
R-22 HCFC	460	3	60	High Temp