

6RN2-300A-TSK

HCFC, R-22, 60 Hz, 3 -Phase, 208/230 V
Air Conditioning



Production Status: Non U.S. model with restricted sales - Contact your Emerson Climate Technologies Representative.

Performance

Evaporator Temp. (°F)	45	35
Condensing Temp. (°F)	130	105
Return Gas Temp. (°F)	65	55
Liquid Temp. (°F)	115	90
Capacity (Btu/hr)	277000	270000
Power (W):	29200	23000
Current (Amps):	89.30	74.30
EER (Btu/Wh):	9.50	11.80
Mass Flow (lbs/hr):	4050	3600
<u>Sound Data @</u>		
Sound Power (dBA):		
Vibration mils(peak-peak):		
Record Date:	2006-11-06	

Mechanical

Displacment(in ³ /Rev):	58.90
Displacment(ft ³ /hr):	3579.19
Overall Length (in):	29.41
Overall Width (in):	22.63
Overall Height (in):	17.97
Mounting Length (in):	15.00
Mounting Width (in):	12.00
Mounting Height (in):	19.16 *
Suction Size (in),Type:	2 1/8 Sweat
Discharge Size (in),Type:	1 3/8
Initial Oil Charge (oz):	140
Oil Recharge (oz):	130
Net Weight (lbs):	482.0
Internal Free Volume (in ³):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical

LRA-High*(Amp):	470.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	292.0
MCC (Amps):	146.0
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	104.3
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	93.6
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	460	3	60	Air Conditioning
R-22 HCFC	208/230	3	60	Air Conditioning
R-22 HCFC	208/230	3	60	High Temp
R-22 HCFC	460	3	60	High Temp
R-22 HCFC	200	3	50	High Temp
R-22 HCFC	400	3	50	High Temp
R-22 HCFC	460	3	60	Air Conditioning
R-22 HCFC	208/230	3	60	High Temp
R-22 HCFC	460	3	60	High Temp