

3AH1-020A-TAC

CFC, R-12, 60 Hz, 3 -Phase, 208/230 V

Low Temperature



Production Status: This compressor and/or application of this compressor is not available to U.S. OEM customers. A field replacement is currently available through a U.S. Emerson Climate Technologies Wholesaler. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance

Evaporator Temp. (°F)	-25	-40
Condensing Temp. (°F)	105	105
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	105	105
Capacity (Btu/hr)	6460	3290
Power (W):	1430	1090
Current (Amps):	4.60	3.50
EER (Btu/Wh):	4.50	3.00
Mass Flow (lbs/hr):	118	60
Sound Data @		
Sound Power (dBA):		
Vibration mils(peak-peak):		
Record Date:	2007-01-23	

Electrical

LRA-High*(Amp):	46.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	9.2
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	6.6
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	5.9
RPM:	
UL File No:	SA-2337
UL File Date:	1984-09-10
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.	

Mechanical

Displacment(in^3/Rev):	10.93
Displacment(ft^3/hr):	664.39
Overall Length (in):	18.63
Overall Width (in):	13.00
Overall Height (in):	12.69
Mounting Length (in):	11.63
Mounting Width (in):	11.00
Mounting Height (in):	13.72 *
Suction Size (in),Type:	7/8 Sweat
Discharge Size (in),Type:	1/2 Flare
Initial Oil Charge (oz):	70
Oil Recharge (oz):	65
Net Weight (lbs):	184.0
Internal Free Volume (in^3):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Capacitors

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-12 CFC	200/220	3	50	Low Temperature