AFE11C4E-IAA

HFC, R-404A, 60 Hz, 1 -Phase, 115 V
Extended Medium Temp, A-Line

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)	-10	20
Condensing Temp. (°F)	120	120
Return Gas Temp. (°F)	40	40
Liquid Temp. (°F)	120	120
Capacity (Btu/hr)	980	1970
Power (W):	310	427
Current (Amps):	4.20	5.00
EER (Btu/Wh):	3.20	4.60
Mass Flow (lbs/hr):	22	47
Sound Data @		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2006-06-20	

Mechanical

Displacment(in^3/Rev):	0.38
Displacment(ft^3/hr):	45.98
Overall Length (in):	10.50
Overall Width (in):	6.40
Overall Height (in):	7.38
Mounting Length (in):	6.50
Mounting Width (in):	4.00
Mounting Height (in):	7.75 *
Suction Size (in),Type:	5/16 Stub
Discharge Size (in),Type:	1/4 Stub
Initial Oil Charge (oz):	12
Oil Recharge (oz):	10
Net Weight (lbs):	24.0
Internal Free Volume (in^3):	
Horse Power:	

*Overall compressor height on Copeland Brand Product's specified mounting grommets.

Electrical

LRA-High*(Amp):	26.5
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	5.9
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	4.2
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	3.8
RPM:	
UL File No:	SA-2337
UL File Date:	1974-12-03

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

Capacitors

Type	Part No	Low MFD	High MFD	Volts	User Description
Start Capacitor	**014-0053-18**	**145.0**	**175.0**	**165**	

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-452A HFO	115	1	60	Extended Medium Temp, A-Line
R-448A HFO	115	1	60	Low Temperature
R-449A HFO	115	1	60	Low Temperature

Copyright © 2010 Emerson Climate Technologies, Inc. All rights reserved.