AFE17C4E-IAA

HFO, R-448A, 60 Hz, 1 -Phase, 115 V
Low Temperature

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	-25
Condensing Temp. (°F)	120	105
Return Gas Temp. (°F)	40	40
Liquid Temp. (°F)	120	105
Capacity (Btu/hr)	1655	1230
Power (W):	492	377
Current (Amps):	6.85	6.20
EER (Btu/Wh):	3.35	3.25
Mass Flow (lbs/hr):	27	18
Sound Data @		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2016-02-04	

Mechanical

Displacment(in^3/Rev):	0.74
Displacment(ft^3/hr):	89.90
Overall Length (in):	10.50
Overall Width (in):	6.40
Overall Height (in):	8.12
Mounting Length (in):	6.50
Mounting Width (in):	4.00
Mounting Height (in):	8.62 *
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):	25.0
Internal Free Volume (in^3):	
Horse Power:	

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

Electrical

LRA-High*(Amp):	41.5
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	10.9
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	7.8
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	7.0
RPM:	
UL File No:	
UL File Date:	

*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	**014-0053-35**	**189.0**	**227.0**	**165**	

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-404A HFC	115	1	60	Extended Medium Temp, A-Line
R-449A HFO	115	1	60	Low Temperature

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