

# AFE11C4E-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

Evap(°F)/Cond(°F)	-10 / 120	-25 / 105
RG(°F)/Liq(°F)	40.0 / 120.0	40.0 / 105.0
Capacity (Btu/hr)	905	672
Power (W):	277	216
Current (Amps):	4.25	3.85
EER (Btu/Wh):	3.30	3.10
Mass Flow (lbs/hr):	14	10
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-	0.0 Avg	0.0 Max
Record Date:	2016-02-04	

## Mechanical

Number of Cylinders:	1	Displacment(in <sup>3</sup> /Rev):	0.38
Bore Size(in):	0.82	Displacment(ft <sup>3</sup> /hr):	45.98
Stroke(in):	0.71		
Overall Length (in):	10.50	Mounting Length (in):	6.50
Overall Width (in):	6.40	Mounting Width (in):	4.00
Overall Height (in):	7.38	Mounting Height (in):	7.75 *
Suction Size (in),Type:	5/16 Stub		
Discharge Size (in),Type:	1/4 Stub		
Oil Recharge (oz):	10		
Initial Oil Charge (oz):	12		
Net Weight (lbs):	24		
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*(Amp):	26.5	MCC (Amps):	5.9	UL File No:	
LRA-Half Winding		RPM:		UL File Date:	
LRA Low* (Amp):		Max Operating Current			
RLA, MCC/1.4;use for contactor selection (Amp):		4.2			
RLA, MCC/1.56;use for breaker & wire size selection		3.8			
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					
<u>Type</u>	<u>Part No</u>	<u>Low MFD</u>	<u>High MFD</u>	<u>Volts</u>	<u>User Description</u>
Start Capacitor	014-0053-18	145.0	175.0	165	

## Alternate Applications

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