

AFE14C5E-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)	1305	997
Power (W):	350	264
Current (Amps):	4.05	3.55
EER (Btu/Wh):	3.75	3.80
Mass Flow (lbs/hr):	21	14
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-	0.0 Avg	0.0 Max
Record Date:	2016-11-03	

Mechanical

Number of Cylinders:	1	Displacement(in^3/Rev):	0.54
Bore Size(in):	1.04	Displacement(ft^3/hr):	65.10
Stroke(in):	0.63		
Overall Length (in):	10.50	Mounting Length (in):	6.50
Overall Width (in):	6.40	Mounting Width (in):	4.00
Overall Height (in):	7.87	Mounting Height (in):	8.25 *
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^3):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*(Amp):	30	MCC (Amps):	8.4	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):	6			
RLA, MCC/1.56;use for breaker & wire size selection	5.4			
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.				
Type	Part No	Low MFD	High MFD	Volts
Start Capacitor	014-0053-25	189.0	227.0	250
User Description				

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