

AFF10C1E-IAA

HFC, R-134a, 60 Hz, 1- Phase, 115 V
 Extended Medium Temp, AFF-Line

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	20 / 120
RG(°F)/Liq(°F)	40.0 / 120.0	40.0 / 120.0
Capacity (Btu/hr)	1070	2540
Power (W):	261	394
Current (Amps):	4.10	4.85
EER (Btu/Wh):	4.10	6.45
Mass Flow (lbs/hr):	18	44
Sound Power (dBA):		
Vibration mils(peak-)		
Record Date:	2017-11-06	

Mechanical

Number of Cylinders:	1	Displacment(in ³ /Rev):	0.65
Bore Size(in):	1.02	Displacment(ft ³ /hr):	78.76
Stroke(in):	0.79		
Overall Length (in):	11.18	Mounting Length (in):	6.50
Overall Width (in):	6.81	Mounting Width (in):	4.00
Overall Height (in):	7.91	Mounting Height (in):	8.55 *
Suction Size (in),Type:	5/16 Stub		
Discharge Size (in),Type:	1/4 Stub		
Oil Recharge (oz):	7		
Initial Oil Charge (oz):	9		
Net Weight (lbs):	25		
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*(Amp):	40.3	MCC (Amps):	4.7	UL File No:	SA-2337
LRA-Half Winding		RPM:		UL File Date:	03-Dec-1974
LRA Low* (Amp):		Max Operating Current			
RLA, MCC/1.4;use for contactor selection (Amp):		3.4			
RLA, MCC/1.56;use for breaker & wire size selection		3			
*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	014-0087-02	378.0	454.0	165	

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-450A HFO	60	1	115	Extended Medium Temp, AFF-
R-513A HFO	60	1	115	Extended Medium Temp, AFF-