

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

Evaporator Temp. (°F)	-10	20
Condensing Temp. (°F)	120	120
Return Gas Temp. (°F)	40	40
Liquid Temp. (°F)	120	120
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
<u>Sound Data @</u>		
Sound Power (dBA):		
Vibration mils(peak-peak):		
Record Date:	2017-11-06	

Electrical

LRA-High*(Amp):	40.3
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	4.7
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	3.4
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	3.0
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.	

Mechanical

Displacment(in^3/Rev):	0.65
Displacment(ft^3/hr):	78.76
Overall Length (in):	11.18
Overall Width (in):	6.81
Overall Height (in):	7.91
Mounting Length (in):	6.50
Mounting Width (in):	4.00
Mounting Height (in):	8.55 *
Suction Size (in),Type:	5/16 Stub
Discharge Size (in),Type:	1/4 Stub
Initial Oil Charge (oz):	9
Oil Recharge (oz):	7
Net Weight (lbs):	25.0
Internal Free Volume (in^3):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Capacitors

Type	Part No	Low MFD	High MFD	Volts	User Description
Start Capacitor	014-0087-02	378.0	454.0	165	

Alternate Applications

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