ARE35C5E-IAA

HFC, R-134a, 60 Hz, 1 -Phase, 115 V
High Temp

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)	45	20
Condensing Temp. (°F)	130	120
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	130	120
Capacity (Btu/hr)	3590	2140
Power (W):	516	387
Current (Amps):	6.10	5.50
EER (Btu/Wh):	7.00	5.50
Mass Flow (lbs/hr):	57	31
Sound Data @		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2016-07-21	

Mechanical

Displacment(in^3/Rev):	0.61
Displacment(ft^3/hr):	74.13
Overall Length (in):	10.50
Overall Width (in):	6.40
Overall Height (in):	7.87
Mounting Length (in):	6.50
Mounting Width (in):	4.00
Mounting Height (in):	8.25 *
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):	23.0
Internal Free Volume (in^3):	
Horse Power:	

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

Electrical

LRA-High*(Amp):	39.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	9.7
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	6.9
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	6.2
RPM:	
UL File No:	SA-2337
UL File Date:	1999-03-03

*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	**014-0053-25**	**189.0**	**227.0**	**250**	

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-450A HFO	115	1	60	High Temp
R-513A HFO	115	1	60	High Temp

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