

ASE35C4E-CAA

HFC, R-404A, 60 Hz, 1- Phase, 115 V
Medium 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)	20 / 120	0 / 110
RG(°F)/Liq(°F)	40.0 / 120.0	40.0 / 110.0
Capacity (Btu/hr)	3600	2660
Power (W):	810	639
Current (Amps):	8.70	7.20
EER (Btu/Wh):	4.45	4.15
Mass Flow (lbs/hr):	86	56
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-	0.0 Avg	0.0 Max
Record Date:	2010-08-02	

Mechanical

Number of Cylinders:	1	Displacment(in ³ /Rev):	0.74
Bore Size(in):	1.09	Displacment(ft ³ /hr):	89.90
Stroke(in):	0.79		
Overall Length (in):	10.50	Mounting Length (in):	6.50
Overall Width (in):	6.40	Mounting Width (in):	4.00
Overall Height (in):	8.12	Mounting Height (in):	8.62 *
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):	25		
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*(Amp):	51.0	MCC (Amps):	16.8	UL File No:	SA-2337
LRA-Half Winding		RPM:		UL File Date:	03-Mar-1999
LRA Low* (Amp):		Max Operating Current			
RLA, MCC/1.4;use for contactor selection (Amp):		12			
RLA, MCC/1.56;use for breaker & wire size selection		10.8			
*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>
Run Capacitor	014-0064-12	30.0	0.0	440	
Start Capacitor	014-0072-02	189.0	227.0	165	

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-448A HFO	60	1	115	Medium Temperature
R-449A HFO	60	1	115	Medium Temperature