

ASE35C4-CAA

HCFC, R-22, 60Hz, 1- Phase, 115 V
High Temp



Production Status: This compressor and/or application of this compressor is not available to U.S. OEM customers. A field replacement is currently available through a U.S. Emerson Climate Technologies Wholesaler. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance

Evap(°F)/Cond(°F)	45 / 130	20 / 120
RG(°F)/Liq(°F)	65.0 / 130.0	65.0 / 120.0
Capacity (Btu/hr)	5700	3540
Power (Watts):	933	698
Current (Amps):	9.60	8.00
EER (Btu/Wh):	6.10	5.10
Mass Flow (lbs/hr):	90	52
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	2012-02-13	

Mechanical

Number of Cylinders:	1	Displ(in ³ /Rev):	0.74
Bore Size(in):	1.09	Displ(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):	5/16 Stub		
Discharge Size (in):	1/4 Stub		
Oil Recharge (oz):	10		
Initial Oil Charge (oz):	12		
Net Weight (lbs):	25.6		
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	51.0	MCC (Amps):	16.8	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	03-Mar-1999
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):			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.					
Type	Part No	Low MFD	High MFD	Volts	User Description
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-22 HCFC	60	1	115	Medium Temperature

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Service Parts

<u>Reference</u>	<u>Component</u>	<u>Quantity</u>	<u>Description</u>	<u>Comment</u>
10	005-0947-01	1	COVER - TERMINAL	
4	527-C001-02	1	SPACER-MOUNTING ASSEMBLY	
13	910-0477-00	1	VALVE KIT BOLT ON VALVE	CAN BE USED WITH MODELS THAT HAVE
2	914-0036-15	1	CAP START KIT	
7	914-0037-16	1	RUN CAP KIT W/CLAMP	
5	918-0054-00	1	HEATER-CRANKCASE KIT	
5	918-0054-01	1	HEATER-CRANKCASE KIT	
1	940-0001-79	1	RELAY-POTENTIAL KIT	
3	971-0561-49	1	PROTECTOR KIT	

Common U.S. Service Bill Of Materials

	Suction Connection	Suction Size	Discharge Connection	Discharge Size	Electrical Connection	Mounting Assembly	Sight Glass	Crankcase Heater	Schraeder Valve	Tandem Ready	Module Voltage
901		5/16"	Stub	1/4"		Yes	-	-	-	-	-
959		5/16"	Stub	1/4"		Yes	-	-	-	-	-

* Note: For all other Bill Of Material descriptions (Including International and Customer Specific Bills of Materials) contact your sales representative or the Application Engineering Department.