

**ASE35C4-IAV**

HCFC, R-22, 60 Hz, 1 - Phase, 208/230 V

**Medium Temperature**

**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 Copeland Representative for international availability.

Performance			Mechanical	
Evaporator Temp. (°F)	20.00	0	Displacement (in <sup>3</sup> /Rev):	.74
Condensing Temp. (°F)	120.00	110	Displacement (ft <sup>3</sup> /Hr):	
Return Gas Temp. (°F)	40.00	40	Overall Length (in):	10.50
Liquid Temp. (°F)	120.00	110	Overall Width (in):	6.40
Capacity (BTU/hr)	3500	2270	Overall Height (in):	8.13
Power (W):	749	580	Mounting Length (in):	6.50
Current (Amps):	2.7	2.3	Mounting Width (in):	4.00
EER(BTU/Wh):	4.7	3.9	Mounting Height (in):	8.63
Mass Flow (lbs/hr):	55	33	Suction Size (in),Type:	5 / 16 Stub
Sound Data @			Discharge Size (in),Type:	1 / 4 Stub
Sound Power (dBA):	0 Avg	0 Max	Initial Oil Charge (oz):	12
Vibration mils(peak-peak):	0.0 Avg	0.0 Max	Oil Recharge (oz):	10
Record Date:	2012-02-13		Oil Type:	ABO
			Net Weight (lbs):	25.6
			Internal Free Volume (in <sup>3</sup> ):	
			Horse Power:	
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical		Capacitors					
		Type	Part No	Low MFD	High MFD	Volts	User Description
LRA High* (Amps):	30.0	No data available in table					
LRA Low*(Amps):							
LRA Half Winding (Amps):							
MCC (Amps):	8.3						
Max Operating Current (Amps):							
RLA, MCC/1.4(use for contactor selection)(Amps):	5.9						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	5.3						
RPM:	3500						
Box IP :							
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.

**Alternate Applications**

<b>Refrigerant</b>	<b>Voltage</b>	<b>Phase</b>	<b>Frequency</b>	<b>Application</b>
R-22 HCFC	208/230	1	60	High Temp