

# ASE24C3E-IAA

HFC, R-507, 60Hz, 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)	2340	1610
Power (Watts):	569	432
Current (Amps):	6.90	5.80
EER (Btu/Wh):	4.10	3.70
Mass Flow (lbs/hr):	55	33
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	2014-04-28	

## Mechanical

Number of Cylinders:	1	Displ(in <sup>3</sup> /Rev):	0.54
Bore Size(in):	1.04	Displ(ft <sup>3</sup> /hr):	65.10
Stroke(in):	0.63		
Overall Length (in):	10.50	Mounting Length (in):	6.50
Overall Width (in):	6.40	Mounting Width (in):	4.00
Overall Height (in):	7.40	Mounting Height (in):	7.80 *
Suction Size (in):	5/16 Stub		
Discharge Size (in):	1/4 Stub		
Oil Recharge (oz):	10		
Initial Oil Charge (oz):	12		
Net Weight (lbs):	25.5		
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	29.0	MCC (Amps):	8.4	UL File No:	
LRA-Half Winding:		RPM:	3500	UL File Date:	
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		6			
RLA(=MCC/1.56;use for breaker & wire size selection):		5.4			
*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
Start Capacitor	014-0053-18	145.0	175.0	165	SPECIAL CUST.
Start Capacitor	014-0053-26	145.0	175.0	250	SPECIAL CUST.

## Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-404A HFC	60	1	115	Medium Temperature
R-407C HFC	60	1	115	High Temp