

ASB14C3E-IAA

HFC, R-404A, 60Hz, 1- Phase, 115 V
Medium Temperature



Production Status: This model is obsolete and is no longer in production for both OEM and service replacement. Please contact Customer Service about possible replacement models.

Performance

| | | |
|------------------------------|--------------|--------------|
| Evap(°F)/Cond(°F) | 20 / 120 | 0 / 110 |
| RG(°F)/Liq(°F) | 40.0 / 120.0 | 40.0 / 110.0 |
| Capacity (Btu/hr) | 1530 | 1110 |
| Power (Watts): | 469 | 369 |
| Current (Amps): | 6.00 | 5.50 |
| EER (Btu/Wh): | 3.30 | 3.00 |
| Mass Flow (lbs/hr): | 37 | 23 |
| Sound Power (dBA): | 0 Avg | 0 Max |
| Vibration (mils(peak-peak)): | 0.0 Avg | 0.0 Max |
| Record Date: | 2014-09-12 | |

Mechanical

| | | | |
|-------------------------------------------------------------------------------------|-----------|------------------------------|--------|
| Number of Cylinders: | 1 | Displ(in ³ /Rev): | 0.37 |
| Bore Size(in): | 0.87 | Displ(ft ³ /hr): | 44.88 |
| 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): | 25.3 | | |
| Internal Free Volume (in ³): | | | |
| Horse Power: | | | |
| *Overall compressor height on Copeland Brand Product's specified mounting grommets. | | | |

Electrical

| | | | | | |
|-------------------------------------------------------------------------------------------------|-------------|------------------------|----------|---------------|------------------|
| LRA-High*: | 29.75 | MCC (Amps): | 9.52 | UL File No: | SA-2337 |
| LRA-Half Winding: | | RPM: | 3500 | UL File Date: | 16-Jan-1996 |
| LRA Low*: | | Max Operating Current: | | | |
| RLA(=MCC/1.4;use for contactor selection): | | 6.8 | | | |
| RLA(=MCC/1.56;use for breaker & wire size selection): | | 6.1 | | | |
| *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 | |

Alternate Applications

| Refrigerant | Freq (Hz) | Phase | Voltage | Application |
|-------------|-----------|-------|---------|-------------|
|-------------|-----------|-------|---------|-------------|