

**ASE35C4-CAA**

HCFC, R-22, 60 Hz, 1 - Phase, 115 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)          | 3430       | 2230    | Overall Height (in):  | 8.13        |
| Power (W):                 | 711        | 551     | Mounting Length (in):   | 6.50        |
| Current (Amps):            | 8          | 6.9     | Mounting Width (in):  | 4.00        |
| EER(BTU/Wh):               | 4.8        | 4       | Mounting Height (in):   | 8.63        |
| Mass Flow (lbs/hr):        | 54         | 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                 |         |         |          |       |                  |
|---|------------|----------------------------|---------|---------|----------|-------|------------------|
| LRA High* (Amps):   | 51.0       | Type                       | Part No | Low MFD | High MFD | Volts | User Description |
| LRA Low*(Amps):   |            | No data available in table |         |         |          |       |                  |
| LRA Half Winding (Amps):                                    |            |                            |         |         |          |       |                  |
| MCC (Amps):   | 16.8       |                            |         |         |          |       |                  |
| Max Operating Current (Amps):                               |            |                            |         |         |          |       |                  |
| RLA, MCC/1.4(use for contactor selection)(Amps):            | 12.0       |                            |         |         |          |       |                  |
| RLA, MCC/1.56(use for breaker & wire size selection)(Amps): | 10.8       |                            |         |         |          |       |                  |
| 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          | 115            | 1            | 60               | High Temp          |