# LAM1-0310-TAC

CFC, R-12, 60Hz, 3- Phase, 208/230 V
Low 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 Emerson Climate Technologies Representative for international availability.

## Performance

| Evap(°F)/Cond(°F) | -25 / 105 | -40 / 105 |
|---|---|---|
| RG(°F)/Liq(°F) | 65.0 / 105.0 | 65.0 / 105.0 |
| Capacity (Btu/hr) | 9250 | 4760 |
| Power (Watts): | 2150 | 1630 |
| Current (Amps): | 6.30 | 4.90 |
| EER (Btu/Wh): | 4.30 | 2.90 |
| Mass Flow (lbs/hr): | 168 | 86 |
| Sound Power (dBA): | 0 Avg | 0 Max |
| Vibration (mils(peak-peak)): | 0.0 Avg | 0.0 Max |
| Record Date: | 2006-08-02 | |

## Mechanical

| | | | |
|---|---|---|---|
| Number of Cylinders: | 2 | Displ(in^3/Rev): | 15.76 |
| Bore Size(in): | 2.44 | Displ(ft^3/hr): | 957.62 |
| Stroke(in): | 1.69 | | |
| Overall Length (in): | 18.63 | Mounting Length (in): | 11.63 |
| Overall Width (in): | 14.00 | Mounting Width (in): | 11.00 |
| Overall Height (in): | 14.72 | Mounting Height (in): | 15.75 * |

| | |
|---|---|
| Suction Size (in): | 1 1/8 Sweat |
| Discharge Size (in): | 5/8 Flare |
| Oil Recharge (oz): | 75 |
| Initial Oil Charge (oz): | 80 |
| Net Weight (lbs): | 201 |
| Internal Free Volume (in^3): | |
| Horse Power: | |

*Overall compressor height on Copeland Brand Product's specified mounting grommets.

## Electrical

| | | | | | |
|---|---|---|---|---|---|
| LRA-High*: | 82.0 | MCC (Amps): | 14.0 | UL File No: | |
| LRA-Half Winding: | | RPM: | 3500 | UL File Date: | 17-May-1961 |
| LRA Low*: | | Max Operating Current: | | | |

RLA(=MCC/1.4;use for contactor selection): 10

RLA(=MCC/1.56;use for breaker & wire size selection): 9

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

## Alternate Applications

| Refrigerant | Freq (Hz) | Phase | Voltage | Application |
|---|---|---|---|---|
| R-12 CFC | 50 | 3 | 200/220 | Low Temperature |