

# KATA-010A-TAC

CFC, R-12, 60 Hz, 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

|                            |            |         |
|----------------------------|------------|---------|
| Evaporator Temp. (°F)      | -25        | -40     |
| Condensing Temp. (°F)      | 105        | 105     |
| Return Gas Temp. (°F)      | 65         | 65      |
| Liquid Temp. (°F)          | 105        | 105     |
| Capacity (Btu/hr)          | 3960       | 2340    |
| Power (W):                 | 875        | 671     |
| Current (Amps):            | 2.90       | 2.30    |
| EER (Btu/Wh):              | 4.50       | 3.50    |
| Mass Flow (lbs/hr):        | 72         | 42      |
| Sound Data @               |            |         |
| Sound Power (dBA):         |            |         |
| Vibration mils(peak-peak): |            | 4.8 Max |
| Record Date:               | 2007-02-09 |         |

## Mechanical

|   |           |
|---|-----------|
| Displacement(in <sup>3</sup> /Rev):   | 6.38      |
| Displacement(ft <sup>3</sup> /hr):  | 387.89    |
| Overall Length (in):  | 14.38     |
| Overall Width (in):   | 9.50      |
| Overall Height (in):  | 10.44     |
| Mounting Length (in):   | 8.19      |
| Mounting Width (in):  | 6.38      |
| Mounting Height (in):   | 11.19 *   |
| Suction Size (in),Type:   | 5/8 Flare |
| Discharge Size (in),Type:   | 1/2 Flare |
| Initial Oil Charge (oz):  | 22        |
| Oil Recharge (oz):  | 20        |
| Net Weight (lbs):   | 81.0      |
| Internal Free Volume (in <sup>3</sup> ):  |           |
| Horse Power:  |           |
| *Overall compressor height on Copeland Brand Product's specified mounting grommets. |           |

## Electrical

|   |            |
|---|------------|
| LRA-High*(Amp):   | 25.0       |
| LRA Low* (Amp):   |            |
| LRA-Half Winding (Amp):   |            |
| MCC (Amps):   | 5.5        |
| Max Operating Current(Amp):   |            |
| RLA, MCC/1.4;use for contactor selection (Amp):   | 3.9        |
| RLA, MCC/1.56;use for breaker & wire size selection (Amp):                                      | 3.5        |
| RPM:  |            |
| UL File No:   |            |
| UL File Date:   | 1984-07-23 |
| *Low and High refer to the low and high nominal voltage ranges for which the motor is approved. |            |

## Capacitors

## Alternate Applications

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