

# NRM1-050A-TFC

HCFC, R-22, 60Hz, 3- Phase, 208/230 V

UL Medium Temp

Production Status:



## Performance

|                              |          |         |
|------------------------------|----------|---------|
| Evap(°F)/Cond(°F)            | 20 / 120 | 0 / 110 |
| Capacity (Btu/hr)            | 43500    | 28500   |
| Power (Watts):               | 6060     | 4680    |
| Current (Amps):              |          |         |
| EER (Btu/Wh):                | 7.18     | 6.09    |
| Mass Flow (lbs/hr):          |          |         |
| Sound Power (dBA):           | 0 Avg    | 0 Max   |
| Vibration (mils(peak-peak)): | 0.0 Avg  | 0.0 Max |
| Record Date:                 |          |         |

## Mechanical

|   |       |                              |         |
|---|-------|------------------------------|---------|
| Number of Cylinders:  | 2     | Displ(in <sup>3</sup> /Rev): | 15.98   |
| Bore Size(in):  | 2.19  | Displ(ft <sup>3</sup> /hr):  | 970.97  |
| Stroke(in):   | 2.12  |                              |         |
| Overall Length (in):  | 21.06 | Mounting Length (in):        | 11.63   |
| Overall Width (in):   | 13.00 | Mounting Width (in):         | 11.00   |
| Overall Height (in):  | 15.19 | Mounting Height (in):        | 16.22 * |
| Suction Size (in):  |       | 1 1/8 Sweat                  |         |
| Discharge Size (in):  |       | 5/8 Flare                    |         |
| Oil Recharge (oz):  |       | 65                           |         |
| Initial Oil Charge (oz):  |       | 70                           |         |
| Net Weight (lbs):   |       | 242                          |         |
| Internal Free Volume (in <sup>3</sup> ):  |       |                              |         |
| Horse Power:  |       |                              |         |
| *Overall compressor height on Copeland Brand Product's specified mounting grommets. |       |                              |         |

## Electrical

|   |       |                        |      |               |             |
|---|-------|------------------------|------|---------------|-------------|
| LRA-High*:  | 141.0 | MCC (Amps):            | 30.8 | UL File No:   | SA-2337     |
| LRA-Half Winding:   |       | RPM:                   |      | UL File Date: | 26-Apr-1972 |
| LRA Low*:   |       | Max Operating Current: |      |               |             |
| RLA(=MCC/1.4;use for contactor selection):  |       | 22                     |      |               |             |
| RLA(=MCC/1.56;use for breaker & wire size selection):   |       | 19.7                   |      |               |             |
| *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-22 HCFC   | 50        | 3     | 200/220 | UL Medium Temp     |
| R-502 CFC   | 50        | 3     | 200/220 | Medium Temperature |
| R-502 CFC   | 60        | 3     | 208/230 | UL Medium Temp     |