

3DT3R17ME-TFD

HCFC, R-22, 60Hz, 3- Phase, 460 V

Medium Temp, Low Condensing



Production Status: Available for sale to all U.S. customers. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance

| | | |
|------------------------------|--------------|-------------|
| Evap(°F)/Cond(°F) | 20 / 120 | 0 / 110 |
| RG(°F)/Liq(°F) | 65.0 / 120.0 | 50.0 / 95.0 |
| Capacity (Btu/hr) | 116000 | 77500 |
| Power (Watts): | 13700 | 10700 |
| Current (Amps): | 22.05 | 18.40 |
| EER (Btu/Wh): | 8.50 | 7.20 |
| Mass Flow (lbs/hr): | 1700 | 1070 |
| Sound Power (dBA): | 0 Avg | 0 Max |
| Vibration (mils(peak-peak)): | 0.0 Avg | 4.82 Max |
| Record Date: | 2007-06-08 | |

Mechanical

| | | | |
|---|-------------|-----------------------|---------|
| Number of Cylinders: | 3 | Displ(in^3/Rev): | 35.01 |
| Bore Size(in): | 2.44 | Displ(ft^3/hr): | 2127.41 |
| Stroke(in): | 2.50 | | |
| Overall Length (in): | 28.03 | Mounting Length (in): | 15.00 |
| Overall Width (in): | 15.06 | Mounting Width (in): | 12.00 |
| Overall Height (in): | 21.31 | Mounting Height (in): | 22.34 * |
| Suction Size (in): | 1 5/8 Sweat | | |
| Discharge Size (in): | 1 1/8 Sweat | | |
| Oil Recharge (oz): | 115 | | |
| Initial Oil Charge (oz): | 125 | | |
| Net Weight (lbs): | 385 | | |
| Internal Free Volume (in^3): | | | |
| Horse Power: | 10 | | |
| *Overall compressor height on Copeland Brand Product's specified mounting grommets. | | | |

Electrical

| | | | | | |
|---|-------|------------------------|------|---------------|-------------|
| LRA-High*: | 138.0 | MCC (Amps): | 40.6 | UL File No: | SA-2337 |
| LRA-Half Winding: | | RPM: | 3500 | UL File Date: | 26-Jul-1985 |
| LRA Low*: | | Max Operating Current: | | | |
| RLA(=MCC/1.4;use for contactor selection): | | 29 | | | |
| RLA(=MCC/1.56;use for breaker & wire size selection): | | 26 | | | |
| *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 | 60 | 3 | 460 | UL High Temp |
| R-502 CFC | 60 | 3 | 460 | |
| R-22 HCFC | 50 | 3 | 380/420 | UL High Temp |
| R-22 HCFC | 50 | 3 | 380/420 | Medium Temp, Low Condensing |
| R-502 CFC | 50 | 3 | 380/420 | |