# 6DJNR40ME-TSN

HFC, R-407C, 60 Hz, 3 -Phase, 230 V
Air Conditioning

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

## Performance

| | | |
|---|---|---|
| Evaporator Temp. (°F) | 45 | 35 |
| Condensing Temp. (°F) | 130 | 105 |
| Return Gas Temp. (°F) | 65 | 55 |
| Liquid Temp. (°F) | 115 | 90 |
| Capacity (Btu/hr) | 473000 | 483000 |
| Power (W): | 42900 | 33000 |
| Current (Amps): | 64.05 | 51.65 |
| EER (Btu/Wh): | 11.00 | 14.60 |
| Mass Flow (lbs/hr): | 6850 | 6220 |
| Sound Data @ | | |
| Sound Power (dBA): | 0 Avg | 0 Max |
| Vibration mils(peak-peak): | 0.0 Avg | 3.2 Max |
| Record Date: | 2011-10-27 | |

## Mechanical

| | |
|---|---|
| Displacment(in^3/Rev): | 90.01 |
| Displacment(ft^3/hr): | 5469.50 |
| Overall Length (in): | 30.19 |
| Overall Width (in): | 22.44 |
| Overall Height (in): | 20.81 |
| Mounting Length (in): | 15.00 |
| Mounting Width (in): | 12.00 |
| Mounting Height (in): | 21.16 * |
| Suction Size (in),Type: | 2 1/8 Sweat |
| Discharge Size (in),Type: | 1 5/8 |
| Initial Oil Charge (oz): | 115 |
| Oil Recharge (oz): | 105 |
| Net Weight (lbs): | 565.0 |
| Internal Free Volume (in^3): | |
| Horse Power: | 35.00 |

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

## Electrical

| | |
|---|---|
| LRA-High*(Amp): | 594.0 |
| LRA Low* (Amp): | |
| LRA-Half Winding (Amp): | 340.0 |
| MCC (Amps): | 222.0 |
| Max Operating Current(Amp): | |
| RLA, MCC/1.4;use for contactor selection (Amp): | 158.6 |
| RLA, MCC/1.56;use for breaker & wire size selection (Amp): | 142.3 |
| RPM: | |
| UL File No: | |
| UL File Date: | |

*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-404A HFC | 230 | 3 | 60 | Medium Temp, Low Condensing |
| R-404A HFC | 460 | 3 | 60 | Medium Temp, Low Condensing |
| R-507 HFC | 230 | 3 | 60 | Medium Temp, Low Condensing |
| R-507 HFC | 460 | 3 | 60 | Medium Temp, Low Condensing |
| R-22 HCFC | 200 | 3 | 50 | Air Conditioning |
| R-22 HCFC | 200 | 3 | 50 | Medium Temp, Low Condensing |
| R-22 HCFC | 230 | 3 | 60 | Air Conditioning |
| R-22 HCFC | 230 | 3 | 60 | Medium Temp, Low Condensing |



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# Alternate Applications

| Refrigerant | Voltage | Phase | Freq (Hz) | Application |
|---|---|---|---|---|
| R-22 HCFC | 400 | 3 | 50 | Air Conditioning |
| R-22 HCFC | 400 | 3 | 50 | Medium Temp, Low Condensing |
| R-22 HCFC | 460 | 3 | 60 | Air Conditioning |
| R-22 HCFC | 460 | 3 | 60 | Medium Temp, Low Condensing |
| R-407C HFC | 200 | 3 | 50 | Air Conditioning |
| R-407C HFC | 200 | 3 | 50 | Medium Temp, Low Condensing |
| R-407C HFC | 460 | 3 | 60 | Medium Temp, Low Condensing |
| R-407C HFC | 460 | 3 | 60 | Air Conditioning |
| R-407C HFC | 230 | 3 | 60 | Medium Temp, Low Condensing |
| R-407C HFC | 200 | 3 | 50 | Air Conditioning |
| R-407C HFC | 200 | 3 | 50 | Medium Temp, Low Condensing |
| R-407A HFC | 400 | 3 | 50 | Air Conditioning |
| R-407A HFC | 200 | 3 | 50 | Medium Temp, Low Condensing |
| R-407A HFC | 400 | 3 | 50 | Air Conditioning |
| R-407A HFC | 400 | 3 | 50 | Medium Temp, Low Condensing |
| R-407A HFC | 230 | 3 | 60 | Air Conditioning |
| R-407A HFC | 230 | 3 | 60 | Medium Temp, Low Condensing |
| R-407A HFC | 460 | 3 | 60 | Air Conditioning |
| R-407A HFC | 460 | 3 | 60 | Medium Temp, Low Condensing |
| R-407F HFC | 200 | 3 | 50 | Medium Temp, Low Condensing |
| R-407F HFC | 400 | 3 | 50 | Medium Temp, Low Condensing |
| R-407F HFC | 230 | 3 | 60 | Medium Temp, Low Condensing |
| R-407F HFC | 460 | 3 | 60 | Medium Temp, Low Condensing |
| R-448A HFO | 200 | 3 | 50 | Medium Temp, Low Condensing |
| R-448A HFO | 230 | 3 | 60 | Medium Temp, Low Condensing |
| R-448A HFO | 400 | 3 | 50 | Medium Temp, Low Condensing |
| R-448A HFO | 460 | 3 | 60 | Medium Temp, Low Condensing |
| R-449A HFO | 200 | 3 | 50 | Medium Temp, Low Condensing |
| R-449A HFO | 230 | 3 | 60 | Medium Temp, Low Condensing |
| R-449A HFO | 400 | 3 | 50 | Medium Temp, Low Condensing |
| R-449A HFO | 460 | 3 | 60 | Medium Temp, Low Condensing |



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