

CS10K6E-TFD

HFC, R-404A, 50 Hz, 3 - Phase, 380/420 V . [Also Available with Variable Frequency Drives](#)

Extended Medium Temp

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

| Performance | | | Mechanical | |
|----------------------------|------------|---------|---|----------------------|
| Evaporator Temp. (°C) | -7 | -23 | Displacement (cm ³ /Rev): | 37.03 |
| Condensing Temp. (°C) | 49 | 49 | Displacement (m ³ /Hr): | |
| Return Gas Temp. (°C) | 4 | 4 | Overall Length (mm): | 261.11 |
| Liquid Temp. (°C) | 49 | 49 | Overall Width (mm): | 230.89 |
| Capacity (Watts) | 2406 | 689 | Overall Height (mm): | 338.07 |
| Power (W): | 1330 | 761 | Mounting Length (mm): | 190.50 |
| Current (Amps): | 3 | 1.9 | Mounting Width (mm): | 190.50 |
| EER(BTU/Wh): | 10.53 | 5.27 | Mounting Height (mm): | 347.73 |
| Mass Flow (lbs/hr): | 24.57 | 6.68 | Suction Size (mm),Type: | 127.00 / 203.20 Stub |
| Sound Data @ | | | Discharge Size (mm),Type: | 25.40 / 50.80 Stub |
| Sound Power (dBA): | 69 Avg | 74 Max | Initial Oil Charge (ml): | 1330.83 |
| Vibration mils(peak-peak): | 1.8 Avg | 2.8 Max | Oil Recharge (ml): | 1271.68 |
| Record Date: | 2002-05-08 | | Oil Type: | POE |
| | | | Net Weight (kg): | 27.22 |
| | | | Internal Free Volume (cm ³): | |
| | | | Horse Power: | |
| | | | *Overall compressor height on Copeland Brand Product's specified mounting grommets. | |

| Electrical | | Capacitors | | | | |
|---|------------|----------------------------|---------|---------|----------|------------------------|
| LRA High* (Amps): | 25.0 | Type | Part No | Low MFD | High MFD | Volts User Description |
| LRA Low*(Amps): | | No data available in table | | | | |
| LRA Half Winding (Amps): | | | | | | |
| MCC (Amps): | 5 | | | | | |
| Max Operating Current (Amps): | | | | | | |
| RLA, MCC/1.4(use for contactor selection)(Amps): | 3.6 | | | | | |
| RLA, MCC/1.56(use for breaker & wire size selection)(Amps): | 3.2 | | | | | |
| RPM: | | | | | | |
| Box IP : | | | | | | |
| UL File No: | | | | | | |
| UL File Date: | 1984-12-28 | | | | | |

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

Alternate Applications

| Refrigerant | Voltage | Phase | Frequency | Application |
|-------------|---------|-------|-----------|----------------------|
| R-134a HFC | 380/420 | 3 | 50 | UL High Temp |
| R-134a HFC | 380/460 | 3 | 60 | High Temp |
| R-22 HCFC | 380/420 | 3 | 50 | UL Medium Temp |
| R-22 HCFC | 380/460 | 3 | 60 | Medium Temperature |
| R-404A HFC | 380/460 | 3 | 60 | Extended Medium Temp |
| R-407A HFC | 380/460 | 3 | 60 | Medium Temperature |
| R-448A HFO | 380/460 | 3 | 60 | Medium Temperature |
| R-449A HFO | 380/460 | 3 | 60 | Medium Temperature |
| R-507 HFC | 380/420 | 3 | 50 | Extended Medium Temp |
| R-507 HFC | 380/460 | 3 | 60 | Extended Medium Temp |