

YP29K1T-PFV

HFC, R-32, 60 Hz, 1 - Phase, 208/230 V

Air Conditioning

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

| Performance | | | Mechanical | | | |
|----------------------------|------------|---------|---|--|------------|--|
| Evaporator Temp. (°F) | 45.00 | 50 | Displacement (in ³ /Rev): | | 1.57 | |
| Condensing Temp. (°F) | 130.00 | 100 | Displacement (ft ³ /Hr): | | | |
| Return Gas Temp. (°F) | 65.00 | 70 | Overall Length (in): | | 9.00 | |
| Liquid Temp. (°F) | 115.00 | 85 | Overall Width (in): | | 9.00 | |
| Capacity (BTU/hr) | 29600 | 39200 | Overall Height (in): | | 15.54 | |
| Power (W): | 2770 | 1810 | Mounting Length (in): | | 7.50 | |
| Current (Amps): | 12.35 | 8.15 | Mounting Width (in): | | 7.50 | |
| EER(BTU/Wh): | 10.65 | 21.6 | Mounting Height (in): | | 16.30 | |
| Mass Flow (lbs/hr): | 283 | 329 | Suction Size (in),Type: | | 3 / 4 Stub | |
| Sound Data @ 50 / 115 | | | Discharge Size (in),Type: | | 1 / 2 Stub | |
| Sound Power (dBA): | 68 Avg | 73 Max | Initial Oil Charge (oz): | | 25 | |
| Vibration mils(peak-peak): | 2.0 Avg | 3.0 Max | Oil Recharge (oz): | | 21 | |
| Record Date: | 2024-09-20 | | Oil Type: | | 4MA | |
| | | | Net Weight (lbs): | | 52.5 | |
| | | | Internal Free Volume (in ³): | | | |
| | | | *Overall compressor height on Copeland Brand Product's specified mounting grommets. | | | |

| Electrical | | Capacitors | | | | | |
|---|-----------------|-----------------|-------------|---------|----------|--------|------------------|
| | | Type | Part No | Low MFD | High MFD | Volt s | User Description |
| LRA High* (Amps): | 83.3 | | | | | | |
| LRA Low*(Amps): | | Run Capacitor | 014-0064-08 | 40.0 | 0.0 | 370 | |
| LRA Half Winding (Amps): | | Start Capacitor | 014-0061-27 | 88.0 | 106.0 | 330 | |
| MCC (Amps): | 21 | | | | | | |
| Max Operating Current (Amps): | 18.0 | | | | | | |
| RLA, MCC/1.4(use for contactor selection)(Amps): | 15.0 | | | | | | |
| RLA, MCC/1.56(use for breaker & wire size selection)(Amps): | 13.5 | | | | | | |
| RPM: | 3500 | | | | | | |
| Box IP : | 21 | | | | | | |
| UL File No: | SA2337-20200323 | | | | | | |
| UL File Date: | 2020-03-23 | | | | | | |

*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