

ZPV0962E-4E9

HFC, R-410A, 3600 RPM, 3 - Phase, 600 V

Intermediate Speed Cooling

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

Summary

| Performance | | |
|--------------------------------------|------------|---------|
| Evaporator Temp. (°F) | 50.00 | 50 |
| Condensing Temp. (°F) | 100.00 | 100 |
| Return Gas Temp. (°F) | 70.00 | 70 |
| Liquid Temp. (°F) | 85.00 | 85 |
| Capacity (BTU/hr) | 147000 | 147000 |
| Power (W): | 6520 | 6520 |
| Current (Amps): | 7.5 | 7.5 |
| EER(BTU/Wh): | 22.55 | 22.55 |
| Mass Flow (lbs/hr): | 1795 | 1795 |
| Sound Data @ 50 / 100 | | |
| Sound Power (dBA): | 0 Avg | 0 Max |
| Vibration mils(peak-peak): | 0.0 Avg | 0.0 Max |
| Record Date: | 2025-07-17 | |
| Mechanical | | |
| Displacement (in ³ /Rev): | 5.88 | |
| Displacement (ft ³ /Hr): | | |
| Overall Length (in): | 11.20 | |
| Overall Width (in): | 10.33 | |
| Overall Height (in): | 22.00 | |
| Mounting Length (in): | 7.50 | |
| Mounting Width (in): | 7.50 | |
| Mounting Height (in): | 22.80 | |

| | |
|----------------------------------|--------------|
| Suction Size (in),Type: | 1 1 / 8 Stub |
| Discharge Size (in),Type: | 7 / 8 Stub |
| Initial Oil Charge (oz): | 85 |
| Oil Recharge (oz): | 81 |
| Oil Type: | 3MA |
| Net Weight (lbs): | 96.0 |

Internal Free Volume (in³):

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

Electrical

| | |
|--|-------------|
| LRA High* (Amps): | |
| LRA Low*(Amps): | |
| LRA Half Winding (Amps): | |
| MCC (Amps): | |
| Max Operating Current (Amps): | |
| RLA, MCC/1.4(use for contactor selection)(Amps): | 1.0 |
| RLA, MCC/1.56(use for breaker & wire size selection)(Amps): | |
| RPM: | 3600 |
| Box IP : | 21 |
| UL File No: | SA-2337 |
| UL File Date: | 2014-03-21 |
| European Pressure Equipment Directive (PED): | |
| Fluid Group**: | FG 2 |
| PS Low / High Side (BAR): | 29.5 / 45.0 |
| TS Min (°C): | -35 |
| TS Max (°C): | 50 / 150 |
| Volume (L) : | 7.9 / 1 |

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

**Fluid Group 1 comprises dangerous fluids defined as: Explosive, extremely flammable, high flammable, very toxic, toxic, oxidizing.

Fluid Group 2 is for non-dangerous fluids defined as: non-explosive, non-toxic, non-flammable.

Capacitors

| Type | Part No | Low MFD | High MFD | Volts | User Description |
|------|---------|---------|----------|-------|------------------|
|------|---------|---------|----------|-------|------------------|

No data available in table

Alternate Applications

| Refrigerant | Voltage | Phase | RPM | Application |
|-------------|---------|-------|-----|-------------|
|-------------|---------|-------|-----|-------------|

No data available in table

Nomenclature

ZPV0962E-4E9

Family Series

Z: Scroll

Application Range

P: AC/HP

Modulation

V: Variable Speed

Displacement

0962: Cubic Centimeters Per Revolution

Oil Type

E: POE Oil

MotorType

4: Motor Type

Protection

E: Enhanced External Protection

Typical Electrical Codes

9: Misc DC voltage