



Model: AE4450Z-GS3B (AE4450Z-GS)

Product Description

Type: Reciprocating
Application: HBP/CBP - High/Commercial
 Back Pressure
Refrigerant: R-404A
Voltage/Frequency: 220V ~ 60Hz 220V ~ 50Hz
Version: N/A

Product Specifications

Performance

| Condition | Test Voltage | Refrigeration Capacity | | | Input Power W | Efficiency | | | EVAP TEMP | COND TEMP | AMBIENT TEMP | RETURN GAS | LIQUID TEMP |
|-----------|--------------|------------------------|--------|------|------------------|------------|---------|------|--------------|--------------|-----------------|---------------|----------------|
| | | Btu/h | kcal/h | W | | Btu/Wh | kcal/Wh | W/W | | | | | |
| ASHRAE | 220V ~ 60HZ | 5800 | 1462 | 1700 | 692 | 8.38 | 2.11 | 2.46 | 7.2°C (45°F) | 54°C (130°F) | 35°C (95°F) | 35°C (95°F) | 46°C (115°F) |
| ASHRAE | 220V ~ 50HZ | 4900 | 1235 | 1436 | 601 | 8.15 | 2.05 | 2.39 | 7.2°C (45°F) | 54°C (130°F) | 35°C (95°F) | 35°C (95°F) | 46°C (115°F) |

General

Evaporating Temp. Range: -15°C to 15°C (5°F to 59°F)
Motor Torque: High Start Torque (HST)
Compressor Cooling: Fan

Mechanical

Weight: 11
Weight Unit of Measure: KG
Displacement (cc): 8.85
Oil Type: Polyolester
Viscosity (cSt): 32
Oil Charge (cc): 280

Electrical

Voltage Range (50 Hz): 180-242
Voltage Range (60 Hz): 187-242
Locked Rotor Amps (LRA): 22
Rated Load Amps (RLA 50 Hz): 3.29
Rated Load Amps (RLA 60 Hz): 3.18
Max. Continuous Current (MCC in Amps): 4.57
Motor Resistance (Ohm) - Main: 3.293
Motor Resistance (Ohm) - Start: 10.969
Motor Type: CSR
Overload Type: N/A
Relay Type: N/A

Agency Approval

CE Listed, cURus Recognized