



## Model: AHC4524ZGZ (FH4524Z)

### Product Description

**Type:** Reciprocating  
**Application:** HBP - High Back Pressure  
**Refrigerant:** R-404A  
**Voltage/Frequency:** 208-220V ~ 50Hz  
**Version:** N/A

### Product Specifications

#### Performance

| Condition | Test Voltage | Refrigeration Capacity |        |      | Input Power | Efficiency |         |      | EVAP TEMP  | COND TEMP    | AMBIENT TEMP | RETURN GAS  | LIQUID TEMP  |
|-----------|--------------|------------------------|--------|------|-------------|------------|---------|------|------------|--------------|--------------|-------------|--------------|
|           |              | Btu/h                  | kcal/h | W    | W           | Btu/Wh     | kcal/Wh | W/W  |            |              |              |             |              |
| EN12900   | 220V ~ 50HZ  | 19369                  | 4881   | 5675 | 2216        | 8.74       | 2.2     | 2.56 | 5°C (41°F) | 45°C (113°F) | 32°C (90°F)  | 15°C (59°F) | 45°C (113°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:** 35  
**Weight Unit of Measure:** KG  
**Displacement (cc):** 43.5  
**Oil Type:** Polyolester  
**Viscosity (cSt):** 32  
**Oil Charge (cc):** 1480

#### Electrical

**Voltage Range (50 Hz):** 187-242  
**Voltage Range (60 Hz):** N/A  
**Locked Rotor Amps (LRA):** 54  
**Rated Load Amps (RLA 50 Hz):** 11.2  
**Rated Load Amps (RLA 60 Hz):** 11.2  
**Max. Continuous Current (MCC in Amps):** 0  
**Motor Resistance (Ohm) - Main:** 1.1  
**Motor Resistance (Ohm) - Start:** 3.9  
**Motor Type:** CSR  
**Overload Type:** N/A  
**Relay Type:** N/A

#### Agency Approval

CE Listed, GOST RUSSIA Listed, GOST UKRAINE Listed