



## Model: AE4430U-FZ1A (AE4430U-FZ)

### Product Description

**Type:** Reciprocating  
**Application:** HBP - High Back Pressure  
**Refrigerant:** R-290  
**Voltage/Frequency:** 220-240V ~ 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  |              |              |              |             |              |
| ASHRAE    | 220V ~ 50HZ  | 2700                   | 680    | 791 | 315         | 8.57       | 2.16    | 2.51 | 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:** 10  
**Weight Unit of Measure:** KG  
**Displacement (cc):** 6.12  
**Oil Type:** Polyolester  
**Viscosity (cSt):** 32  
**Oil Charge (cc):** 284.9

#### Electrical

**Voltage Range (50 Hz):** 198-253  
**Voltage Range (60 Hz):** N/A  
**Locked Rotor Amps (LRA):** 11  
**Rated Load Amps (RLA 50 Hz):** 1.88  
**Rated Load Amps (RLA 60 Hz):** 0  
**Max. Continuous Current (MCC in Amps):** 0  
**Motor Resistance (Ohm) - Main:** 10.09  
**Motor Resistance (Ohm) - Start:** 33.84  
**Motor Type:** CSIR  
**Overload Type:** N/A  
**Relay Type:** N/A

#### Agency Approval

CE Listed, GOST RUSSIA Listed, GOST UKRAINE Listed, VDE Listed