



## Model: AED1412YGZ (AE1412Y)

### Product Description

**Type:** Reciprocating  
**Application:** LBP - Low Back Pressure  
**Refrigerant:** R-134a  
**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  | 737                    | 186    | 216 | 261         | 2.82       | .71     | .83 | -25°C (-13°F) | 55°C (131°F) | 32°C (90°F)  | 32°C (90°F) | 55°C (131°F) |

#### General

**Evaporating Temp. Range:** -34.4°C to -12.2°C (-30°F to 10°F)  
**Motor Torque:** Low Start Torque (LST)  
**Compressor Cooling:** Fan

#### Mechanical

**Weight:** 11  
**Weight Unit of Measure:** KG  
**Displacement (cc):** 14.15  
**Oil Type:** Polyolester  
**Viscosity (cSt):** 32  
**Oil Charge (cc):** 250

#### Electrical

**Voltage Range (50 Hz):** 187-242  
**Voltage Range (60 Hz):** N/A  
**Locked Rotor Amps (LRA):** 19  
**Rated Load Amps (RLA 50 Hz):** 2.1  
**Rated Load Amps (RLA 60 Hz):** 2.1  
**Max. Continuous Current (MCC in Amps):** 3.3  
**Motor Resistance (Ohm) - Main:** 5.4  
**Motor Resistance (Ohm) - Start:** 24.3  
**Motor Type:** RSIR  
**Overload Type:** N/A  
**Relay Type:** N/A

#### Agency Approval

CE Listed, GOST RUSSIA Listed