

## Model: AE4456Y-AA1C (AE4456Y-AA)

### Product Description

**Type:** Reciprocating  
**Application:** HBP/CBP - High/Commercial  
Back Pressure  
**Refrigerant:** R-134a  
**Voltage/Frequency:** 115V ~ 60Hz  
**Version:** N/A



### Product Specifications

#### Performance

| Condition | Test Voltage | Refrigeration Capacity |        |      | Input Power<br>W | Efficiency |         |      | EVAP TEMP    | COND TEMP    | AMBIENT TEMP | RETURN GAS    | LIQUID TEMP  |
|-----------|--------------|------------------------|--------|------|------------------|------------|---------|------|--------------|--------------|--------------|---------------|--------------|
|           |              | Btu/h                  | kcal/h | W    |                  | Btu/Wh     | kcal/Wh | W/W  |              |              |              |               |              |
| ASHRAE    | 115V ~ 60HZ  | 5950                   | 1499   | 1744 | 790              | 7.53       | 1.9     | 2.21 | 7.2°C (45°F) | 54°C (130°F) | 35°C (95°F)  | 35°C (95°F)   | 46°C (115°F) |
| ARI       | 115V ~ 60HZ  | 5600                   | 1411   | 1641 | 796              | 7.04       | 1.77    | 2.06 | 7.2°C (45°F) | 54°C (130°F) | 35°C (95°F)  | 18.3°C (65°F) | 46°C (115°F) |

#### General

**Evaporating Temp. Range:** N/A  
**Motor Torque:** High Start Torque (HST)  
**Compressor Cooling:** Fan

#### Mechanical

**Weight:** 0  
**Weight Unit of Measure:** N/A  
**Displacement (cc):** 14.51  
**Oil Type:** Polyolester  
**Viscosity (cSt):** 32  
**Oil Charge (cc):** 387

#### Electrical

**Voltage Range (50 Hz):** N/A  
**Voltage Range (60 Hz):** 103-127  
**Locked Rotor Amps (LRA):** 44.5  
**Rated Load Amps (RLA 50 Hz):** 0  
**Rated Load Amps (RLA 60 Hz):** 8.53  
**Max. Continuous Current (MCC in Amps):** 0  
**Motor Resistance (Ohm) - Main:** .8  
**Motor Resistance (Ohm) - Start:** 4.34  
**Motor Type:** CSIR  
**Overload Type:** N/A  
**Relay Type:** N/A

#### Agency Approval

cURus Recognized