

## Product Specifications

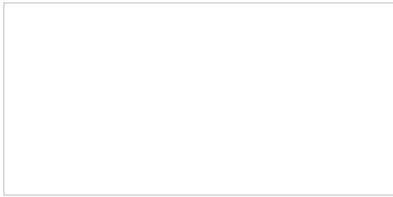
### Performance

6/13/2023

Model: AE4440Y-XN1A

### Product Description

**Type:** Reciprocating Compressors  
**Application:** HBP/CBP - High/Commercial Back Pressure  
**Refrigerant:** R-134a/R-513A  
**Voltage/Frequency:** 208-230V ~ 60Hz 200-220V ~ 50Hz  
**Version:** N/A



| Condition       | Test Voltage | Refrigeration Capacity |            | Input Power (E) |       | Efficiency |             | W/W  | EVAP TEMP     | Condition     | AMBIENT TEMP | RETURN GAS   | LIQUID TEMP   |
|-----------------|--------------|------------------------|------------|-----------------|-------|------------|-------------|------|---------------|---------------|--------------|--------------|---------------|
|                 |              | (R) Btu/h              | (R) kcal/h | (R) W           | (I) W | (E) Btu/Wh | (E) kcal/Wh |      |               |               |              |              |               |
| ASHRAE (R-134a) | 230V ~ 60HZ  | 4350                   | 1096       | 1275            | 533   | 8.16       | 2.06        | 2.39 | 7.2?C (45? F) | 54?C (130? F) | 35?C (95?F)  | 35?C (95? F) | 46?C (115? F) |
| ASHRAE (R-134a) | 220V ~ 50HZ  | 3650                   | 920        | 1070            | 454   | 8.04       | 2.03        | 2.36 | 7.2?C (45? F) | 54?C (130? F) | 35?C (95?F)  | 35?C (95? F) | 46?C (115? F) |
| ASHRAE (R-513A) | 230V ~ 60HZ  | 4527                   | 1141       | 1326            | 592   | 7.64       | 1.93        | 2.24 | 7.2?C (45? F) | 54?C (130? F) | 35?C (95?F)  | 35?C (95? F) | 46?C (115? F) |
| ASHRAE (R-134a) | 230V ~ 60HZ  | 4350                   | 1096       | 1275            | 533   | 8.16       | 2.06        | 2.39 | 7.2?C (45? F) | 54?C (130? F) | 35?C (95?F)  | 35?C (95? F) | 46?C (115? F) |
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### 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):** 10.33  
**Oil Type:** Polyolester  
**Viscosity (cSt):** 32  
**Oil Charge (cc):** 387

### Electrical

**Voltage Range (50 Hz):** 180-242  
**Voltage Range (60 Hz):** 187-254  
**Locked Rotor Amps (LRA):** 16  
**Rated Load Amps (RLA 50 Hz):** 3.08  
**Rated Load Amps (RLA 60 Hz):** 2.99  
**Max. Continuous Current (MCC in Amps):** 4.73  
**Motor Resistance (Ohm) - Main:** 5.527  
**Motor Resistance (Ohm) - Start:** 11.226  
**MotorType:** CSIR  
**Overload Type:**  
**Relay Type:**

Agency Approval

CE Listed, cURus Recognized