



**Model: AKA4460YXD**

### **Product Description**

**Compressor Type:** Reciprocating

**Application:** HBP - High Back Pressure

**Refrigerant:** R-134a

**Voltage/Frequency:** 200V ~ 50Hz / 208-230V ~ 60Hz

**Version:** AK Series

# Specifications

## General

Evaporating Temp. Range : -6.7°C to 12.8°C (20°F to 55°F)

Motor Torque: High Start Torque (HST)

Compressor Cooling: Fan

## Mechanical

Weight: 41 LB

Displacement (cc): 18.584

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 512

## Electrical

Locked Rotor Amps (LRA): 23

Rated Load Amps (RLA 60Hz): 4.8

Voltage Range (50Hz): 180-220

Voltage Range (60Hz): 187-254

Rated Load Amps (RLA 50Hz): 0

Max. Continuous Current (MCC in Amps): 7.1

Motor Resistance (Ohm) - Main: 2.75

Motor Resistance (Ohm) - Start: 6.23

Motor Type: CSIR

## Agency Approval

CE\_LISTED, cURus\_RECOGNIZED

# Performance

[See all performance data](#)

## ARI (R-513A)

|                                     |               |
|-------------------------------------|---------------|
| Test Voltage                        | 230V ~ 60HZ   |
| (R) Refrigeration Capacity (BTU/h)  | 6229          |
| (R) Refrigeration Capacity (Kcal/h) | 1571          |
| (R) Refrigeration Capacity (W)      | 1826          |
| Input Power (W)W                    | 889           |
| (E) Efficiency (BTU/Wh)             | 7.01          |
| (E) Efficiency (Kcal/Wh)            | 1.77          |
| (E) Efficiency (W/W)                | 2.05          |
| EVAP TEMP                           | 7.2°C (45°F)  |
| COND TEMP                           | 54°C (130°F)  |
| AMBIENT TEMP                        | 35°C (95°F)   |
| RETURN GAS                          | 18.3°C (65°F) |
| LIQUID TEMP                         | 46°C (115°F)  |

## ARI (R-134a)

|                                     |               |
|-------------------------------------|---------------|
| Test Voltage                        | 230V ~ 60HZ   |
| (R) Refrigeration Capacity (BTU/h)  | 6250          |
| (R) Refrigeration Capacity (Kcal/h) | 1575          |
| (R) Refrigeration Capacity (W)      | 1831          |
| Input Power (W)W                    | 860           |
| (E) Efficiency (BTU/Wh)             | 7.27          |
| (E) Efficiency (Kcal/Wh)            | 1.83          |
| (E) Efficiency (W/W)                | 2.13          |
| EVAP TEMP                           | 7.2°C (45°F)  |
| COND TEMP                           | 54°C (130°F)  |
| AMBIENT TEMP                        | 35°C (95°F)   |
| RETURN GAS                          | 18.3°C (65°F) |
| LIQUID TEMP                         | 46°C (115°F)  |

## Item

AK168ER-A32-J7

AK168ER-A38-J7

AK168ER-B37-J7

AK168ER-A04-A4 (Discontinued)

AK168ET-037-J7 (Discontinued)

AK168EH-004-A2 (Inactive)

AK168EH-004-A4 (Inactive)

AK168EH-032-A4 (Inactive)

AK168ER-A32-A4 (Inactive)

AK168ER-A47-A4 (Inactive)

AK168ET-004-A4 (Inactive)

AK168ET-004-C4 (Inactive)

AK168ET-032-A4 (Inactive)

AK168ET-032-A4Y (Inactive)

AK168ET-032-J7 (Inactive)

AK168ET-032-P2 (Inactive)

AK168ET-035-P2 (Inactive)

AK168ET-037-M7 (Inactive)

AK168ET-038-A2 (Inactive)

AK168ET-038-A4 (Inactive)

AK168ET-038-J7 (Inactive)

AK168ET-038-P21 (Inactive)

AK168ET-047-A4 (Inactive)