



**Model: AKA4460YXA**

### **Product Description**

**Compressor Type:** Reciprocating

**Application:** HBP - High Back Pressure

**Refrigerant:** R-134a/R-513A

**Voltage/Frequency:** 100V ~ 50Hz / 115V ~ 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):** 48

**Rated Load Amps (RLA 60Hz):** 9.5

**Voltage Range (50Hz):** 90-110

**Voltage Range (60Hz):** 103-127

**Rated Load Amps (RLA 50Hz):** 0

**Max. Continuous Current (MCC in Amps):** 12.2

**Motor Resistance (Ohm) - Main:** 0.66

**Motor Resistance (Ohm) - Start:** 4.6

**Motor Type:** CSIR

## Agency Approval

**cURus\_RECOGNIZED**

## Performance

[See all performance data](#)

### ARI (R-134a)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	6300
(R) Refrigeration Capacity (Kcal/h)	1588
(R) Refrigeration Capacity (W)	1846
Input Power (W)	850
(E) Efficiency (BTU/Wh)	7.41
(E) Efficiency (Kcal/Wh)	1.87
(E) Efficiency (W/W)	2.17
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-513A)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	6593
(R) Refrigeration Capacity (Kcal/h)	1662
(R) Refrigeration Capacity (W)	1932
Input Power (W)	894
(E) Efficiency (BTU/Wh)	7.38
(E) Efficiency (Kcal/Wh)	1.86
(E) Efficiency (W/W)	2.16
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

AK168AR-A04-B4

AK168AR-A32-B4Y

AK168AR-A32-J7

AK168AR-B37-J7

AK168AR-B38-J7

AK168AT-004-B4 (Discontinued)

AK168AT-032-P21 (Discontinued)

AK168AT-038-A4 (Discontinued)

AK168AT-038-J7 (Discontinued)

AK168AT-047-A4 (Discontinued)

AK168AH-004-A2 (Inactive)

AK168AH-004-B4 (Inactive)

AK168AH-032-A2 (Inactive)

AK168AH-032-B4 (Inactive)

AK168AH-038-A2 (Inactive)

AK168AH-038-J7 (Inactive)

AK168AH-038-P2 (Inactive)

AK168AH-047-A2 (Inactive)

AK168AH-047-A4 (Inactive)

AK168AR-032-C4 (Inactive)

AK168AR-A32-B4 (Inactive)

AK168AR-A47-A4 (Inactive)

AK168AR-B32-A2IV (Inactive)

AK168AR-B32-J7 (Inactive)

AK168AR-B38-A4 (Inactive)

AK168AT-004-A4 (Inactive)

AK168AT-004-A4Y (Inactive)

AK168AT-004-C4 (Inactive)

AK168AT-032-A2 (Inactive)

AK168AT-032-B4 (Inactive)

AK168AT-032-B4Y (Inactive)

AK168AT-032-C4 (Inactive)

AK168AT-032-J7 (Inactive)

AK168AT-032-J9 (Inactive)

AK168AT-032-P22 (Inactive)

AK168AT-037-J7 (Inactive)

AK168AT-037-J7F (Inactive)

AK168AT-037-M7 (Inactive)

AK168AT-038-A2 (Inactive)

AK168AT-038-P21 (Inactive)

