

This is an inactive product and is no longer being manufactured. It may have inventory able to be purchased.



**Model: AK4510Y-XA3B (Inactive)**

### Product Description

Compressor Type: Reciprocating

Application: HBP/CBP - High/Commercial Back Pressure

Refrigerant: R-134a/R-513A

Voltage/Frequency: 100V ~ 50Hz / 115V ~ 60Hz

Version: AK Series

# Specifications

## 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:** 35 LB

**Displacement (cc):** 25.6

**Oil Type:** Polyolester

**Viscosity (cSt):** 32

**Oil Charge (cc):** 512

## Electrical

**Locked Rotor Amps (LRA):** 60

**Rated Load Amps (RLA 60Hz):** 10.3

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

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

**Rated Load Amps (RLA 50Hz):** 10.2

**Max. Continuous Current (MCC in Amps):** 16

**Motor Resistance (Ohm) - Main:** 0.68

**Motor Resistance (Ohm) - Start:** 2.35

**Motor Type:** CSR

## Agency Approval

**SONCAP\_LISTED, cURus\_RECOGNIZED**

# Performance

[See all performance data](#)

## ASHRAE (R-134a)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	10370
(R) Refrigeration Capacity (Kcal/h)	2613
(R) Refrigeration Capacity (W)	3038
Input Power (W)W	1164
(E) Efficiency (BTU/Wh)	8.91
(E) Efficiency (Kcal/Wh)	2.25
(E) Efficiency (W/W)	2.61
EVAP TEMP	7.2°C (45°F)
COND TEMP	54°C (130°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	35°C (95°F)
LIQUID TEMP	46°C (115°F)

## ARI (R-134a)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	9830
(R) Refrigeration Capacity (Kcal/h)	2477
(R) Refrigeration Capacity (W)	2880
Input Power (W)W	1168
(E) Efficiency (BTU/Wh)	8.42
(E) Efficiency (Kcal/Wh)	2.12
(E) Efficiency (W/W)	2.47
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)

## ASHRAE (R-513A)

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(R) Refrigeration Capacity (Kcal/h)	2613
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LIQUID TEMP	46°C (115°F)

## Item

[AK4YD1AT101A40](#) (Inactive)

[AK4YD1AT107A40](#) (Inactive)