



Model: AKA4476YXA

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): 22.599

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 512

Electrical

Locked Rotor Amps (LRA): 58.8

Rated Load Amps (RLA 60Hz): 11.3

Voltage Range (50Hz): 90-110

Voltage Range (60Hz): 103-127

Rated Load Amps (RLA 50Hz): 0

Max. Continuous Current (MCC in Amps): 16

Motor Resistance (Ohm) - Main: 0.59

Motor Resistance (Ohm) - Start: 4.22

Motor Type: CSIR

Agency Approval

cURus_RECOGNIZED

Performance

[See all performance data](#)

ARI (R-513A)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	7727
(R) Refrigeration Capacity (Kcal/h)	1948
(R) Refrigeration Capacity (W)	2265
Input Power (W)	1111
(E) Efficiency (BTU/Wh)	6.95
(E) Efficiency (Kcal/Wh)	1.75
(E) Efficiency (W/W)	2.04
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	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	7680
(R) Refrigeration Capacity (Kcal/h)	1935
(R) Refrigeration Capacity (W)	2250
Input Power (W)	1070
(E) Efficiency (BTU/Wh)	7.18
(E) Efficiency (Kcal/Wh)	1.81
(E) Efficiency (W/W)	2.1
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

AK169AR-A04-A4

AK169AR-A04-B4

AK169AR-A32-A4

AK169AR-A32-B4

AK169AR-A32-G4Y

AK169AR-A32-H4

AK169AR-A47-A4

AK169AR-B37-J7

AK169AR-B38-A4

AK169AR-B38-J7

AK169AT-004-A4 (Discontinued)

AK169AT-032-A2 (Discontinued)

AK169AT-032-B4 (Discontinued)

AK169AT-037-J7 (Discontinued)

AK169AT-047-A4 (Discontinued)

AK169AH-032-A2 (Inactive)

AK169AH-032-B4 (Inactive)

AK169AH-032-H4 (Inactive)

AK169AH-038-A2 (Inactive)

AK169AH-038-J7 (Inactive)

AK169AH-038-P2 (Inactive)

AK169AH-047-A2 (Inactive)

AK169AH-047-A4 (Inactive)

AK169AR-A32-G4 (Inactive)

AK169AT-004-B4 (Inactive)

AK169AT-004-J7 (Inactive)

AK169AT-032-A4 (Inactive)

AK169AT-032-B2 (Inactive)

AK169AT-032-B3 (Inactive)

AK169AT-032-F4 (Inactive)

AK169AT-032-G4 (Inactive)

AK169AT-032-G4Y (Inactive)

AK169AT-032-H4 (Inactive)

AK169AT-032-P21 (Inactive)

AK169AT-037-J7F (Inactive)

AK169AT-037-M7 (Inactive)

AK169AT-038-A2 (Inactive)

AK169AT-038-A4 (Inactive)

AK169AT-038-J7 (Inactive)

AK169AT-038-J7F (Inactive)

AK169AT-038-P21 (Inactive)

AK169AT-038-P2F (Inactive)

AK169AT-041-A4 (Inactive)