



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-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)

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)

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)

