

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



Model: AKA9438ZXC (Discontinued)

Product Description

Compressor Type: Reciprocating

Application: CBP - Commercial Back Pressure

Refrigerant: R-404A

Voltage/Frequency: 220-240V ~ 50Hz

Version: AK Series

Specifications

General

Evaporating Temp. Range :-17.8°C to 10°C (0°F to 50°F)

Motor Torque: High Start Torque (HST)

Compressor Cooling: Fan

Mechanical

Weight: 45 LB

Displacement (cc): 15.634

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 512

Electrical

Locked Rotor Amps (LRA): 26.3

Rated Load Amps (RLA 60Hz): 0

Voltage Range (50Hz): 198-264

Rated Load Amps (RLA 50Hz): 3.9

Max. Continuous Current (MCC in Amps): 6.5

Motor Resistance (Ohm) - Main: 2.746

Motor Resistance (Ohm) - Start: 7.149

Motor Type: CSR

Agency Approval

CE_LISTED, cURus_RECOGNIZED

Performance

[See all performance data](#)

ARI (R-448A)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	3187
(R) Refrigeration Capacity (Kcal/h)	803
(R) Refrigeration Capacity (W)	934
Input Power (W)W	629
(E) Efficiency (BTU/Wh)	5.06
(E) Efficiency (Kcal/Wh)	1.28
(E) Efficiency (W/W)	1.48
EVAP TEMP	-6.7°C (20°F)
COND TEMP	49°C (120°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	4.4°C (40°F)
LIQUID TEMP	49°C (120°F)

ARI (R-449A)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	3187
(R) Refrigeration Capacity (Kcal/h)	803
(R) Refrigeration Capacity (W)	934
Input Power (W)W	629
(E) Efficiency (BTU/Wh)	5.06
(E) Efficiency (Kcal/Wh)	1.28
(E) Efficiency (W/W)	1.48
EVAP TEMP	-6.7°C (20°F)
COND TEMP	49°C (120°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	4.4°C (40°F)
LIQUID TEMP	49°C (120°F)

ARI (R-452A)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	3181
(R) Refrigeration Capacity (Kcal/h)	802
(R) Refrigeration Capacity (W)	932
Input Power (W)W	658
(E) Efficiency (BTU/Wh)	4.83
(E) Efficiency (Kcal/Wh)	1.22
(E) Efficiency (W/W)	1.42
EVAP TEMP	-6.7°C (20°F)
COND TEMP	49°C (120°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	4.4°C (40°F)
LIQUID TEMP	49°C (120°F)

ARI (R-407A)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	3270
(R) Refrigeration Capacity (Kcal/h)	825
(R) Refrigeration Capacity (W)	958
Input Power (W)W	664
(E) Efficiency (BTU/Wh)	4.92
(E) Efficiency (Kcal/Wh)	1.24
(E) Efficiency (W/W)	1.44
EVAP TEMP	-6.7°C (20°F)
COND TEMP	49°C (120°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	4.4°C (40°F)
LIQUID TEMP	49°C (120°F)

ARI (R-404A)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	3200
(R) Refrigeration Capacity (Kcal/h)	806
(R) Refrigeration Capacity (W)	938
Input Power (W)W	695
(E) Efficiency (BTU/Wh)	4.6
(E) Efficiency (Kcal/Wh)	1.16

ARI (R-404A)

(E) Efficiency (W/W) 1.35

EVAP TEMP -6.7°C (20°F)

COND TEMP 49°C (120°F)

AMBIENT TEMP 35°C (95°F)

RETURN GAS 4.4°C (40°F)

LIQUID TEMP 49°C (120°F)

Item

AK175JH-032-A4E (Inactive)

AK175JH-035-A4 (Inactive)

AK175JH-039-A4 (Inactive)

AK175JH-039-A4D (Inactive)

AK175JH-046-A4K (Inactive)

AK175JH-048-A4L (Inactive)

AK175JT-035-A2 (Inactive)

AK175JT-035-A4 (Inactive)

AK175JT-035-A4Y (Inactive)

AK175JT-035-B6 (Inactive)

AK175JT-037-P21 (Inactive)

AK175JT-039-A4 (Inactive)

AK175JT-039-A4D (Inactive)

AK175JT-039-A4L (Inactive)

AK175JT-039-P21 (Inactive)

AK175JT-046-A4K (Inactive)

AK175JT-048-A4L (Inactive)