



Model: AKA9441AXA

Product Description

Compressor Type: Reciprocating

Application: CBP - Commercial Back Pressure

Refrigerant: R-12

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

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: 42 LB

Displacement (cc): 22.599

Oil Type: Synthetic Alkylate

Viscosity (cSt): 32

Oil Charge (cc): 525

Electrical

Locked Rotor Amps (LRA): 58.8

Rated Load Amps (RLA 60Hz): 9.2

Voltage Range (50Hz): 90-110

Voltage Range (60Hz): 103-127

Rated Load Amps (RLA 50Hz): 0

Max. Continuous Current (MCC in Amps): 0

Motor Resistance (Ohm) - Main: 0.59

Motor Resistance (Ohm) - Start: 4.22

Motor Type: CSIR

Performance

[See all performance data](#)

ASHRAE (R-12)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	4100
(R) Refrigeration Capacity (Kcal/h)	1033
(R) Refrigeration Capacity (W)	1201
Input Power (W)	800
(E) Efficiency (BTU/Wh)	5.13
(E) Efficiency (Kcal/Wh)	1.29
(E) Efficiency (W/W)	1.5
EVAP TEMP	-6.7°C (20°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)

Item

AK163AR-B38-J7 (Inactive)

AK163AT-032-L4 (Inactive)

AK163AT-032-L4Y (Inactive)

AK163AT-032-N4 (Inactive)

AK163AT-032-P4 (Inactive)

AK163AT-038-J7 (Inactive)