



Model: AKA9442EXA

Product Description

Compressor Type: Reciprocating

Application: CBP - Commercial Back Pressure

Refrigerant: R-22/R-407C

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: 40 LB

Displacement (cc): 15.634

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 512

Electrical

Locked Rotor Amps (LRA): 58.8

Rated Load Amps (RLA 60Hz): 8.8

Voltage Range (50Hz): 90-110

Voltage Range (60Hz): 103-127

Rated Load Amps (RLA 50Hz): 0

Max. Continuous Current (MCC in Amps): 13

Motor Resistance (Ohm) - Main: 0.59

Motor Resistance (Ohm) - Start: 4.22

Motor Type: CSIR

Agency Approval

cURus_RECOGNIZED

Performance

[See all performance data](#)

ASHRAE (R-22)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	4150
(R) Refrigeration Capacity (Kcal/h)	1046
(R) Refrigeration Capacity (W)	1216
Input Power (W)	735
(E) Efficiency (BTU/Wh)	5.65
(E) Efficiency (Kcal/Wh)	1.42
(E) Efficiency (W/W)	1.65
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

AK165AR-A35-B4

AK165AR-B37-J7

AK165AR-B38-J7

AK165AH-038-A2 (Inactive)

AK165AH-038-J7 (Inactive)

AK165AT-035-A2 (Inactive)

AK165AT-035-B4 (Inactive)

AK165AT-035-B4Y (Inactive)

AK165AT-035-C4 (Inactive)

AK165AT-037-J7 (Inactive)

AK165AT-037-M7 (Inactive)

AK165AT-038-A2 (Inactive)

AK165AT-038-A4 (Inactive)

AK165AT-038-J7 (Inactive)

AK165AT-038-P21 (Inactive)