



Model: AKA9442EXD

Product Description

Compressor Type: Reciprocating

Application: CBP - Commercial Back Pressure

Refrigerant: R-22/R-407C

Voltage/Frequency: 200V ~ 50Hz / 208-230V ~ 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: 43 LB

Displacement (cc): 15.634

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 512

Electrical

Locked Rotor Amps (LRA): 31

Rated Load Amps (RLA 60Hz): 4

Voltage Range (50Hz): 180-220

Voltage Range (60Hz): 187-254

Rated Load Amps (RLA 50Hz): 0

Max. Continuous Current (MCC in Amps): 6.64

Motor Resistance (Ohm) - Main: 1.77

Motor Resistance (Ohm) - Start: 10.43

Motor Type: CSR

Agency Approval

cURus_RECOGNIZED

Performance

[See all performance data](#)

ASHRAE (R-22)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	4200
(R) Refrigeration Capacity (Kcal/h)	1058
(R) Refrigeration Capacity (W)	1231
Input Power (W)	760
(E) Efficiency (BTU/Wh)	5.53
(E) Efficiency (Kcal/Wh)	1.39
(E) Efficiency (W/W)	1.62
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

AK165ER-A35-H4

AK165ER-B37-J7

AK165ER-B38-J7

AK165ET-035-H4 (Discontinued)

AK165EH-035-H4 (Inactive)

AK165ET-035-A2 (Inactive)

AK165ET-035-B6 (Inactive)

AK165ET-035-P21 (Inactive)

AK165ET-037-J7 (Inactive)

AK165ET-037-M7 (Inactive)

AK165ET-038-A2 (Inactive)

AK165ET-038-A4 (Inactive)

AK165ET-038-J7 (Inactive)