



**Model: AKA9462EXD**

### **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:** 44 LB

**Displacement (cc):** 20.436

**Oil Type:** Polyolester

**Viscosity (cSt):** 32

**Oil Charge (cc):** 512

## Electrical

**Locked Rotor Amps (LRA):** 31

**Rated Load Amps (RLA 60Hz):** 5.3

**Voltage Range (50Hz):** 180-220

**Voltage Range (60Hz):** 187-254

**Rated Load Amps (RLA 50Hz):** 0

**Max. Continuous Current (MCC in Amps):** 8.91

**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)	6200
(R) Refrigeration Capacity (Kcal/h)	1562
(R) Refrigeration Capacity (W)	1817
Input Power (W)	1100
(E) Efficiency (BTU/Wh)	5.64
(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

AK166ER-B37-J7

AK166ER-B38-B6

AK166ER-B38-J7

AK166EH-038-A2 (Inactive)

AK166EH-038-J7 (Inactive)

AK166ET-035-B6 (Inactive)

AK166ET-035-C6 (Inactive)

AK166ET-035-J7 (Inactive)

AK166ET-037-J7 (Inactive)

AK166ET-037-M7 (Inactive)

AK166ET-038-A2 (Inactive)

AK166ET-038-A6 (Inactive)

AK166ET-038-B6 (Inactive)

AK166ET-038-J7 (Inactive)