



Model: AKA5512EES

(AK5512ES)

Product Description

Compressor Type: Reciprocating

Application: HBP/AC - Air Conditioning

Refrigerant: R-22

Voltage/Frequency: 220V ~ 60Hz

Version: AK Series

Specifications

General

Evaporating Temp. Range :-23.3°C to 12.8°C (-10°F to 55°F)

Motor Torque: Low Start Torque (LST)

Compressor Cooling: Fan

Mechanical

Weight: 19 KG

Displacement (cc): 22.3

Oil Type: Synthetic Alkylate

Viscosity (cSt): 32

Oil Charge (cc): 504

Electrical

Locked Rotor Amps (LRA): 36

Rated Load Amps (RLA 60Hz): 7.4

Voltage Range (60Hz): 187-242

Rated Load Amps (RLA 50Hz): 0

Max. Continuous Current (MCC in Amps): 0

Motor Resistance (Ohm) - Main: 1.7

Motor Resistance (Ohm) - Start: 8.01

Motor Type: CSR

Performance

[See all performance data](#)

ASHRAE

Test Voltage	220V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	12000
(R) Refrigeration Capacity (Kcal/h)	3024
(R) Refrigeration Capacity (W)	3517
Input Power (W)	1500
(E) Efficiency (BTU/Wh)	8
(E) Efficiency (Kcal/Wh)	2.02
(E) Efficiency (W/W)	2.34
EVAP TEMP	7.2°C (45°F)
COND TEMP	54°C (130°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	18.3°C (65°F)
LIQUID TEMP	46°C (115°F)

Item

10591583 (Discontinued)

10591587 (Discontinued)

10591588 (Discontinued)

10591589 (Discontinued)

10591599 (Discontinued)

AK111ER111A034IH (Inactive)

AK111ER111A034VM (Inactive)