



Model: AKA4476YXD

Product Description

Compressor Type: Reciprocating

Application: HBP - High Back Pressure

Refrigerant: R-134a/R-513A

Voltage/Frequency: 200V ~ 50Hz / 208-230V ~ 60Hz

Version: AK Series

Specifications

General

Evaporating Temp. Range : -6.7°C to 12.8°C (20°F to 55°F)

Motor Torque: High Start Torque (HST)

Compressor Cooling: Fan

Mechanical

Weight: 42 LB

Displacement (cc): 22.599

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 512

Electrical

Locked Rotor Amps (LRA): 27.4

Rated Load Amps (RLA 60Hz): 5.7

Voltage Range (50Hz): 180-220

Voltage Range (60Hz): 187-254

Rated Load Amps (RLA 50Hz): 0

Max. Continuous Current (MCC in Amps): 8.2

Motor Resistance (Ohm) - Main: 2.227

Motor Resistance (Ohm) - Start: 4.697

Motor Type: CSIR

Agency Approval

cURus_RECOGNIZED

Performance

[See all performance data](#)

ARI (R-513A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	7646
(R) Refrigeration Capacity (Kcal/h)	1928
(R) Refrigeration Capacity (W)	2241
Input Power (W)	1091
(E) Efficiency (BTU/Wh)	7.01
(E) Efficiency (Kcal/Wh)	1.77
(E) Efficiency (W/W)	2.05
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)

ARI (R-134a)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	7600
(R) Refrigeration Capacity (Kcal/h)	1915
(R) Refrigeration Capacity (W)	2227
Input Power (W)	1050
(E) Efficiency (BTU/Wh)	7.24
(E) Efficiency (Kcal/Wh)	1.82
(E) Efficiency (W/W)	2.12
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

AK169ER-A04-A4

AK169ER-A32-B4

AK169ER-A32-C4

AK169ER-A38-J7

AK169ER-A47-A4

AK169ER-B37-J7

AK169ER-B38-J7

AK169ET-004-A4 (Discontinued)

AK169ET-032-B4 (Discontinued)

AK169EH-032-A2 (Inactive)

AK169EH-032-B4 (Inactive)

AK169EH-038-A2 (Inactive)

AK169ET-032-B3 (Inactive)

AK169ET-032-B4Y (Inactive)

AK169ET-032-C4 (Inactive)

AK169ET-037-J7 (Inactive)

AK169ET-037-M7 (Inactive)

AK169ET-038-A2 (Inactive)

AK169ET-038-A2Y (Inactive)

AK169ET-038-J7 (Inactive)

AK169ET-038-P21 (Inactive)

AK169ET-041-A4 (Inactive)

AK169ET-047-A4 (Inactive)