

This is an Discontinued product and is no longer being manufactured. It may have inventory able to be purchased.



Model: AKA2425ZXD (Discontinued)

Product Description

Compressor Type: Reciprocating

Application: LBP - Low Back Pressure

Refrigerant: R-404A/R-407A/R-448A/R-449A/R-452A

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

Version: AK Series

Specifications

General

Evaporating Temp. Range : -40°C to -12.2°C (-40°F to 10°F)

Motor Torque: High Start Torque (HST)

Compressor Cooling: Fan

Mechanical

Weight: 45 LB

Displacement (cc): 18.584

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 512

Electrical

Locked Rotor Amps (LRA): 27

Rated Load Amps (RLA 60Hz): 3.2

Voltage Range (50Hz): 180-220

Voltage Range (60Hz): 187-254

Rated Load Amps (RLA 50Hz): 0

Max. Continuous Current (MCC in Amps): 5.6

Motor Resistance (Ohm) - Main: 3.04

Motor Resistance (Ohm) - Start: 3.43

Motor Type: CSR

Agency Approval

cURus_RECOGNIZED

Performance

[See all performance data](#)

ARI (R-407A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	1854
(R) Refrigeration Capacity (Kcal/h)	467
(R) Refrigeration Capacity (W)	543
Input Power (W)W	554
(E) Efficiency (BTU/Wh)	3.35
(E) Efficiency (Kcal/Wh)	.84
(E) Efficiency (W/W)	.98
EVAP TEMP	-23°C (-10°F)
COND TEMP	49°C (120°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	4.4°C (40°F)
LIQUID TEMP	49°C (120°F)

ARI (R-449A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	2255
(R) Refrigeration Capacity (Kcal/h)	568
(R) Refrigeration Capacity (W)	660
Input Power (W)W	649
(E) Efficiency (BTU/Wh)	3.47
(E) Efficiency (Kcal/Wh)	.88
(E) Efficiency (W/W)	1.02
EVAP TEMP	-23°C (-10°F)
COND TEMP	49°C (120°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	4.4°C (40°F)
LIQUID TEMP	49°C (120°F)

ARI (R-452A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	2462
(R) Refrigeration Capacity (Kcal/h)	620
(R) Refrigeration Capacity (W)	721
Input Power (W)W	710
(E) Efficiency (BTU/Wh)	3.46
(E) Efficiency (Kcal/Wh)	.87
(E) Efficiency (W/W)	1.01
EVAP TEMP	-23°C (-10°F)
COND TEMP	49°C (120°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	4.4°C (40°F)
LIQUID TEMP	49°C (120°F)

ARI (R-448A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	2255
(R) Refrigeration Capacity (Kcal/h)	568
(R) Refrigeration Capacity (W)	660
Input Power (W)W	649
(E) Efficiency (BTU/Wh)	3.47
(E) Efficiency (Kcal/Wh)	.88
(E) Efficiency (W/W)	1.02
EVAP TEMP	-23°C (-10°F)
COND TEMP	49°C (120°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	4.4°C (40°F)
LIQUID TEMP	49°C (120°F)

ARI (R-404A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	2500
(R) Refrigeration Capacity (Kcal/h)	630
(R) Refrigeration Capacity (W)	733
Input Power (W)W	758
(E) Efficiency (BTU/Wh)	3.3
(E) Efficiency (Kcal/Wh)	.83

ARI (R-404A)

(E) Efficiency (W/W) .97

EVAP TEMP -23°C (-10°F)

COND TEMP 49°C (120°F)

AMBIENT TEMP 35°C (95°F)

RETURN GAS 4.4°C (40°F)

LIQUID TEMP 49°C (120°F)

Item

- AK176ET-047-B4 (Discontinued)
- AK176ET-047-A4 (Inactive)
- AK176ET-047-J7 (Inactive)
- AK176ET-047-M7 (Inactive)