



Model: AJA2425ZXA

Product Description

Compressor Type: Reciprocating

Application: LBP - Low Back Pressure

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

Voltage/Frequency: 100V ~ 50Hz / 115V ~ 60Hz

Version: AJ 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: 50 LB

Displacement (cc): 22.632

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 782

Electrical

Locked Rotor Amps (LRA): 68

Rated Load Amps (RLA 60Hz): 7.9

Voltage Range (50Hz): 90-110

Voltage Range (60Hz): 103-127

Rated Load Amps (RLA 50Hz): 0

Max. Continuous Current (MCC in Amps): 12.8

Motor Resistance (Ohm) - Main: 0.48

Motor Resistance (Ohm) - Start: 3.06

Motor Type: CSR

Agency Approval

cURus_RECOGNIZED

Performance

[See all performance data](#)

ARI (R-448A)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	2494
(R) Refrigeration Capacity (Kcal/h)	629
(R) Refrigeration Capacity (W)	731
Input Power (W)W	672
(E) Efficiency (BTU/Wh)	3.71
(E) Efficiency (Kcal/Wh)	.94
(E) Efficiency (W/W)	1.09
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	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	2494
(R) Refrigeration Capacity (Kcal/h)	629
(R) Refrigeration Capacity (W)	731
Input Power (W)W	672
(E) Efficiency (BTU/Wh)	3.71
(E) Efficiency (Kcal/Wh)	.94
(E) Efficiency (W/W)	1.09
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	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	2518
(R) Refrigeration Capacity (Kcal/h)	635
(R) Refrigeration Capacity (W)	738
Input Power (W)W	690
(E) Efficiency (BTU/Wh)	3.65
(E) Efficiency (Kcal/Wh)	.92
(E) Efficiency (W/W)	1.07
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-407A)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	2277
(R) Refrigeration Capacity (Kcal/h)	574
(R) Refrigeration Capacity (W)	667
Input Power (W)W	646
(E) Efficiency (BTU/Wh)	3.52
(E) Efficiency (Kcal/Wh)	.89
(E) Efficiency (W/W)	1.03
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	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	2450
(R) Refrigeration Capacity (Kcal/h)	617
(R) Refrigeration Capacity (W)	718
Input Power (W)W	755
(E) Efficiency (BTU/Wh)	3.25
(E) Efficiency (Kcal/Wh)	.82

ARI (R-404A)

(E) Efficiency (W/W) .95

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

AJ532AT-124-A4 (Discontinued)

AJ532AT-124-B4 (Discontinued)

AJ532AT-124-B4Y (Inactive)

AJ532AT-336-A2 (Inactive)

AJ532AT-336-A2Y (Inactive)

AJ532AT-336-B4 (Inactive)

AJ532AT-336-J7 (Inactive)

AJ532AT-430-B4 (Inactive)

AJ532AT-430-B4Y (Inactive)

AJ532AT-433-A2 (Inactive)

AJ532AT-434-M7 (Inactive)