



**Model: AJB2433ZXA**

### **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:** 56 LB

**Displacement (cc):** 26.122

**Oil Type:** Polyolester

**Viscosity (cSt):** 32

**Oil Charge (cc):** 782

## Electrical

**Locked Rotor Amps (LRA):** 67

**Rated Load Amps (RLA 60Hz):** 10

**Voltage Range (50Hz):** 90-110

**Voltage Range (60Hz):** 103-127

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

**Max. Continuous Current (MCC in Amps):** 0

**Motor Resistance (Ohm) - Main:** 0.55

**Motor Resistance (Ohm) - Start:** 2.77

**Motor Type:** CSR

## Agency Approval

**cURus\_RECOGNIZED**

# Performance

[See all performance data](#)

## ARI (R-407A)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	3170
(R) Refrigeration Capacity (Kcal/h)	799
(R) Refrigeration Capacity (W)	929
Input Power (W)W	899
(E) Efficiency (BTU/Wh)	3.53
(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-452A)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	3504
(R) Refrigeration Capacity (Kcal/h)	884
(R) Refrigeration Capacity (W)	1027
Input Power (W)W	959
(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-448A)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	3471
(R) Refrigeration Capacity (Kcal/h)	875
(R) Refrigeration Capacity (W)	1017
Input Power (W)W	935
(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)	3471
(R) Refrigeration Capacity (Kcal/h)	875
(R) Refrigeration Capacity (W)	1017
Input Power (W)W	935
(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-404A)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	3410
(R) Refrigeration Capacity (Kcal/h)	859
(R) Refrigeration Capacity (W)	999
Input Power (W)W	1050
(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

AJ604AF-436-A4 (Discontinued)

AJ604AF-436-B4 (Discontinued)

14944422 (Inactive)

AJ604AF-436-A2 (Inactive)

AJ604AF-436-A3 (Inactive)

AJ604AF-436-A6 (Inactive)

AJ604AF-436-B4Y (Inactive)

AJ604AF-436-C4 (Inactive)

AJ604AF-436-J7 (Inactive)

AJ604AF-436-P7 (Inactive)

AJ604AF-442-B4 (Inactive)

AJ604AF-442-J7 (Inactive)

AJ604AF-442-M7 (Inactive)

AJ604AF-443-B4 (Inactive)

AJ604AF-443-B4-15 (Inactive)

AJ604AF-443-B4-30 (Inactive)

AJ604AF-443-J7 (Inactive)

AJ604AF-443-P21 (Inactive)