



## **Model: AJB2444ZXD**

(AJB2444Z)

### **Product Description**

**Compressor Type:** Reciprocating

**Application:** LBP - Low Back Pressure

**Refrigerant:** R-404A/R-449A

**Voltage/Frequency:** 200V ~ 50Hz / 208-230V ~ 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):** 34.316

**Oil Type:** Polyolester

**Viscosity (cSt):** 32

**Oil Charge (cc):** 782

## Electrical

**Locked Rotor Amps (LRA):** 55

**Rated Load Amps (RLA 60Hz):** 6.5

**Voltage Range (50Hz):** 180-220

**Voltage Range (60Hz):** 187-254

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

**Max. Continuous Current (MCC in Amps):** 13.3

**Motor Resistance (Ohm) - Main:** 1

**Motor Resistance (Ohm) - Start:** 4.1

**Motor Type:** CSR

## Agency Approval

**CE\_LISTED**

# Performance

[See all performance data](#)

## ARI (R-407A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	4028
(R) Refrigeration Capacity (Kcal/h)	1016
(R) Refrigeration Capacity (W)	1180
Input Power (W)W	1202
(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-452A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	5051
(R) Refrigeration Capacity (Kcal/h)	1274
(R) Refrigeration Capacity (W)	1480
Input Power (W)W	1269
(E) Efficiency (BTU/Wh)	3.98
(E) Efficiency (Kcal/Wh)	1
(E) Efficiency (W/W)	1.17
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)	4519
(R) Refrigeration Capacity (Kcal/h)	1140
(R) Refrigeration Capacity (W)	1324
Input Power (W)W	1265
(E) Efficiency (BTU/Wh)	3.57
(E) Efficiency (Kcal/Wh)	.9
(E) Efficiency (W/W)	1.05
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)	4519
(R) Refrigeration Capacity (Kcal/h)	1140
(R) Refrigeration Capacity (W)	1324
Input Power (W)W	1265
(E) Efficiency (BTU/Wh)	3.57
(E) Efficiency (Kcal/Wh)	.9
(E) Efficiency (W/W)	1.05
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)	4440
(R) Refrigeration Capacity (Kcal/h)	1119
(R) Refrigeration Capacity (W)	1301
Input Power (W)W	1420
(E) Efficiency (BTU/Wh)	3.13
(E) Efficiency (Kcal/Wh)	.79

**ARI (R-404A)**

(E) Efficiency (W/W) .92

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

**AJ605EF-442-J7 (Discontinued)**

**AJ605EF-436-A2 (Inactive)**

**AJ605EF-436-A3 (Inactive)**

**AJ605EF-436-A4 (Inactive)**

**AJ605EF-436-A6 (Inactive)**

**AJ605EF-436-B4 (Inactive)**

**AJ605EF-436-B4Y (Inactive)**

**AJ605EF-436-J7 (Inactive)**

**AJ605EF-436-P21 (Inactive)**

**AJ605EF-439-A4 (Inactive)**

**AJ605EF-442-M7 (Inactive)**

**AJ605EF-443-B4 (Inactive)**