



**Model: AJ7461Y-XA3A**

### **Product Description**

**Compressor Type:** Reciprocating

**Application:** MBP - Medium Back Pressure

**Refrigerant:** R-134a/R-513A

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

**Version:** AJ2 Series

# Specifications

## General

**Evaporating Temp. Range** :-23.3°C to -1.1°C (-10°F to 30°F)

**Motor Torque:** High Start Torque (HST)

**Compressor Cooling:** Fan

## Mechanical

**Weight:** 20 KG

**Displacement (cc):** 32.7

**Oil Type:** Polyolester

**Viscosity (cSt):** 32

**Oil Charge (cc):** 475

## Electrical

**Locked Rotor Amps (LRA):** 63

**Rated Load Amps (RLA 60Hz):** 14.7

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

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

**Rated Load Amps (RLA 50Hz):** 13.9

**Max. Continuous Current (MCC in Amps):** 15.4

**Motor Resistance (Ohm) - Main:** 0.46

**Motor Resistance (Ohm) - Start:** 3.08

**Motor Type:** CSR

## Agency Approval

**CE\_LISTED, cURus\_RECOGNIZED**

## Performance

[See all performance data](#)

### ARI (R-134a)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	6080
(R) Refrigeration Capacity (Kcal/h)	1533
(R) Refrigeration Capacity (W)	1783
Input Power (W)	1069
(E) Efficiency (BTU/Wh)	5.69
(E) Efficiency (Kcal/Wh)	1.44
(E) Efficiency (W/W)	1.67
EVAP TEMP	-6.7°C (20°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

AJ7YP1AF643A40

AJ7YP1AF643A41

AJ7YP1AF643J70

AJ7YP1AF743

AJ7YP1AF743J70

AJ7Y1AF743PJ70 (Inactive)

AJ7YP1AF643A42 (Inactive)