



Model: AJ2444Z-XD3A

Product Description

Compressor Type: Reciprocating

Application: LBP - Low Back Pressure

Refrigerant: R-404A/R-449A

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

Version: AJ2 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: 21 KG

Displacement (cc): 34.45

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 475

Electrical

Locked Rotor Amps (LRA): 55

Rated Load Amps (RLA 60Hz): 7.2

Voltage Range (50Hz): 180-220

Voltage Range (60Hz): 187-254

Rated Load Amps (RLA 50Hz): 7.7

Max. Continuous Current (MCC in Amps): 13.7

Motor Resistance (Ohm) - Main: 1.01

Motor Resistance (Ohm) - Start: 4.1

Motor Type: CSR

Agency Approval

CE_LISTED, cURus_RECOGNIZED

Performance

[See all performance data](#)

ARI (R-404A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	4445
(R) Refrigeration Capacity (Kcal/h)	1121
(R) Refrigeration Capacity (W)	1304
Input Power (W)	1507
(E) Efficiency (BTU/Wh)	2.95
(E) Efficiency (Kcal/Wh)	.74
(E) Efficiency (W/W)	.87
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

AJ2ZR1DF646A40

AJ2ZR1DF646A41

AJ2ZR1DF646J70

AJ2ZR1DF846J70