



Model: AJ2425Z-XA3A

Product Description

Compressor Type: Reciprocating

Application: LBP - Low Back Pressure

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

Voltage/Frequency: 100V ~ 50Hz / 115V ~ 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: 20 KG

Displacement (cc): 22.61

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 475

Electrical

Locked Rotor Amps (LRA): 68

Rated Load Amps (RLA 60Hz): 8

Voltage Range (50Hz): 90-110

Voltage Range (60Hz): 103-127

Rated Load Amps (RLA 50Hz): 8.5

Max. Continuous Current (MCC in Amps): 12.2

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-404A)

Test Voltage	115V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	2389
(R) Refrigeration Capacity (Kcal/h)	605
(R) Refrigeration Capacity (W)	704
Input Power (W)	738
(E) Efficiency (BTU/Wh)	3.25
(E) Efficiency (Kcal/Wh)	.82
(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

AJ2ZH1AF643A40

AJ2ZH1AF643A41

AJ2ZH1AF643J70

AJ2ZH1AF743J70

AJ2ZH1AF843J70