



Model: AJ4512Y-XD3A

Product Description

Compressor Type: Reciprocating

Application: HBP - High Back Pressure

Refrigerant: R-134a/R-513A

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

Version: AJ2 Series

Specifications

General

Evaporating Temp. Range : -6.7°C to 12.8°C (20°F to 55°F)

Motor Torque: High Start Torque (HST)

Compressor Cooling: Fan

Mechanical

Weight: 19 KG

Displacement (cc): 34.45

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 475

Electrical

Locked Rotor Amps (LRA): 37

Rated Load Amps (RLA 60Hz): 7

Voltage Range (50Hz): 180-220

Voltage Range (60Hz): 187-254

Rated Load Amps (RLA 50Hz): 7.1

Max. Continuous Current (MCC in Amps): 11.8

Motor Resistance (Ohm) - Main: 1.4

Motor Resistance (Ohm) - Start: 6.89

Motor Type: CSR

Agency Approval

CE_LISTED, cURus_RECOGNIZED

Performance

[See all performance data](#)

ARI (R-134a)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	12001
(R) Refrigeration Capacity (Kcal/h)	3027
(R) Refrigeration Capacity (W)	3519
Input Power (W)	1513
(E) Efficiency (BTU/Wh)	7.93
(E) Efficiency (Kcal/Wh)	2
(E) Efficiency (W/W)	2.33
EVAP TEMP	7.2°C (45°F)
COND TEMP	54°C (130°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	18.3°C (65°F)
LIQUID TEMP	46°C (115°F)

Item

AJ4YR1DF643A40

AJ4YR1DF643A41

AJ4YR1DF643J70

AJ4YR1DF743J70