



Model: AJA4512YXD

Product Description

Compressor Type: Reciprocating

Application: HBP - High Back Pressure

Refrigerant: R-134a/R-513A

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

Version: AJ 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: 50 LB
- Displacement (cc): 34.366
- Oil Type: Polyolester
- Viscosity (cSt): 32
- Oil Charge (cc): 782

Electrical

- Locked Rotor Amps (LRA): 41
- Rated Load Amps (RLA 60Hz): 7
- Voltage Range (50Hz): 180-220
- Voltage Range (60Hz): 187-254
- Rated Load Amps (RLA 50Hz): 0
- Max. Continuous Current (MCC in Amps): 11.5
- Motor Resistance (Ohm) - Main: 1.55
- Motor Resistance (Ohm) - Start: 7.076
- Motor Type: CSR

Agency Approval

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Performance

[See all performance data](#)

ARI (R-513A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	12636
(R) Refrigeration Capacity (Kcal/h)	3186
(R) Refrigeration Capacity (W)	3703
Input Power (W)W	1606
(E) Efficiency (BTU/Wh)	7.87
(E) Efficiency (Kcal/Wh)	1.98
(E) Efficiency (W/W)	2.31
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)

ARI (R-134a)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	12100
(R) Refrigeration Capacity (Kcal/h)	3049
(R) Refrigeration Capacity (W)	3545
Input Power (W)W	1500
(E) Efficiency (BTU/Wh)	8.07
(E) Efficiency (Kcal/Wh)	2.03
(E) Efficiency (W/W)	2.36
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

AJ137ET-193-P21

AJ137ET-193-J7 (Discontinued)

AJ137ET-205-A4 (Discontinued)

AJ137ET-193-A2 (Inactive)

AJ137ET-193-A4 (Inactive)

AJ137ET-193-B4 (Inactive)

AJ137ET-205-B4 (Inactive)

AJ137ET-205-B4Y (Inactive)

AJ137ET-205-P2 (Inactive)

AJ137ET-434-J7 (Inactive)

AJ137ET-434-M7 (Inactive)