



Model: AVA2490ZXN

Product Description

Compressor Type: Reciprocating

Application: LBP - Low Back Pressure

Refrigerant: R-404A/R-449A

Voltage/Frequency: 200-220V ~ 50Hz / 208-230V ~ 60Hz

Version: AV 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: 95 LB

Displacement (cc): 73.271

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 1624

Electrical

Locked Rotor Amps (LRA): 106.6

Rated Load Amps (RLA 60Hz): 11.4

Voltage Range (50Hz): 180-242

Voltage Range (60Hz): 187-254

Rated Load Amps (RLA 50Hz): 0

Max. Continuous Current (MCC in Amps): 25.3

Motor Resistance (Ohm) - Main: 0.536

Motor Resistance (Ohm) - Start: 1.77

Motor Type: CSR

Agency Approval

VDE_LISTED, CE_LISTED, cURus_RECOGNIZED

Performance

[See all performance data](#)

ARI (R-407A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	7949
(R) Refrigeration Capacity (Kcal/h)	2004
(R) Refrigeration Capacity (W)	2330
Input Power (W)W	2166
(E) Efficiency (BTU/Wh)	3.67
(E) Efficiency (Kcal/Wh)	.93
(E) Efficiency (W/W)	1.08
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)

ARI (R-452A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	9013
(R) Refrigeration Capacity (Kcal/h)	2273
(R) Refrigeration Capacity (W)	2641
Input Power (W)W	2425
(E) Efficiency (BTU/Wh)	3.72
(E) Efficiency (Kcal/Wh)	.94
(E) Efficiency (W/W)	1.09
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)

ARI (R-448A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	8399
(R) Refrigeration Capacity (Kcal/h)	2118
(R) Refrigeration Capacity (W)	2462
Input Power (W)W	2244
(E) Efficiency (BTU/Wh)	3.74
(E) Efficiency (Kcal/Wh)	.94
(E) Efficiency (W/W)	1.1
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)

ARI (R-449A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	8399
(R) Refrigeration Capacity (Kcal/h)	2118
(R) Refrigeration Capacity (W)	2462
Input Power (W)W	2244
(E) Efficiency (BTU/Wh)	3.74
(E) Efficiency (Kcal/Wh)	.94
(E) Efficiency (W/W)	1.1
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)

ARI (R-404A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	9500
(R) Refrigeration Capacity (Kcal/h)	2394
(R) Refrigeration Capacity (W)	2784
Input Power (W)W	2575
(E) Efficiency (BTU/Wh)	3.69
(E) Efficiency (Kcal/Wh)	.93

ARI (R-404A)

(E) Efficiency (W/W) 1.08

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

AV195ET-037-J7

AV182ET-001-M7 (Discontinued)

AV182ET-037-C4 (Discontinued)

AV195ET-001-A4 (Discontinued)

AV195ET-037-B4 (Discontinued)

AV205ET-037-B4 (Discontinued)

AV182ET-001-A2 (Inactive)

AV182ET-001-A21 (Inactive)

AV182ET-001-A4 (Inactive)

AV182ET-001-J7 (Inactive)

AV182ET-016-B2 (Inactive)

AV182ET-018-A4 (Inactive)

AV182ET-018-J7 (Inactive)

AV182ET-041-A4 (Inactive)

AV195EH-037-B4 (Inactive)

AV195ET-001-J7 (Inactive)

AV195ET-018-A4 (Inactive)

AV195ET-037-A2 (Inactive)

AV195ET-037-B6 (Inactive)

AV205ET-037-B4-24 (Inactive)