



Model: AVA2490ZXG (Discontinued)

Product Description

Compressor Type: Reciprocating

Application: LBP - Low Back Pressure

Refrigerant: R-404A/R-407A/R-448A/R-449A/R-452A

Voltage/Frequency: 380-420V 3~ 50Hz / 460V 3~ 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: 82 LB
- Displacement (cc): 73.271
- Oil Type: Polyolester
- Viscosity (cSt): 32
- Oil Charge (cc): 1624

Electrical

- Locked Rotor Amps (LRA): 38.3
- Rated Load Amps (RLA 60Hz): 3.6
- Voltage Range (50Hz): 342-462
- Voltage Range (60Hz): 414-506
- Rated Load Amps (RLA 50Hz): 0
- Max. Continuous Current (MCC in Amps): 8.3
- Motor Resistance (Ohm) - Main: 3.432
- Motor Type: 3PH

Agency Approval

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Performance

[See all performance data](#)

ARI (R-407A)

Test Voltage	460V 3~ 60HZ
(R) Refrigeration Capacity (BTU/h)	8288
(R) Refrigeration Capacity (Kcal/h)	2090
(R) Refrigeration Capacity (W)	2429
Input Power (W)W	2074
(E) Efficiency (BTU/Wh)	4
(E) Efficiency (Kcal/Wh)	1.01
(E) Efficiency (W/W)	1.17
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	460V 3~ 60HZ
(R) Refrigeration Capacity (BTU/h)	8747
(R) Refrigeration Capacity (Kcal/h)	2206
(R) Refrigeration Capacity (W)	2563
Input Power (W)W	2148
(E) Efficiency (BTU/Wh)	4.07
(E) Efficiency (Kcal/Wh)	1.03
(E) Efficiency (W/W)	1.19
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	460V 3~ 60HZ
(R) Refrigeration Capacity (BTU/h)	9296
(R) Refrigeration Capacity (Kcal/h)	2344
(R) Refrigeration Capacity (W)	2724
Input Power (W)W	2318
(E) Efficiency (BTU/Wh)	4.01
(E) Efficiency (Kcal/Wh)	1.01
(E) Efficiency (W/W)	1.18
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	460V 3~ 60HZ
(R) Refrigeration Capacity (BTU/h)	8747
(R) Refrigeration Capacity (Kcal/h)	2206
(R) Refrigeration Capacity (W)	2563
Input Power (W)W	2148
(E) Efficiency (BTU/Wh)	4.07
(E) Efficiency (Kcal/Wh)	1.03
(E) Efficiency (W/W)	1.19
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	460V 3~ 60HZ
(R) Refrigeration Capacity (BTU/h)	9500
(R) Refrigeration Capacity (Kcal/h)	2394
(R) Refrigeration Capacity (W)	2784
Input Power (W)W	2450
(E) Efficiency (BTU/Wh)	3.88
(E) Efficiency (Kcal/Wh)	.98

ARI (R-404A)

(E) Efficiency (W/W) 1.14

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

- AV195TT-013-A4 (Discontinued)
- AV182TT-066-A4 (Inactive)
- AV182TT-066-A4Y (Inactive)
- AV182TT-066-M7 (Inactive)