

Model: AVA2490ZXT

Product Description

Compressor Type: Reciprocating

Application: LBP - Low Back Pressure

Refrigerant: R-404A

Voltage/Frequency: 200-220V 3~ 50Hz / 200-230V 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: 79 LB

Displacement (cc): 73.271

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 1624

Electrical

Locked Rotor Amps (LRA): 65.1

Rated Load Amps (RLA 60Hz): 7.4

Voltage Range (50Hz): 180-242

Voltage Range (60Hz): 180-254

Rated Load Amps (RLA 50Hz): 0

Max. Continuous Current (MCC in Amps): 15.4

Motor Resistance (Ohm) - Main: 1.58

Motor Type: 3PH

Agency Approval

CE_LISTED, cURus_RECOGNIZED

Performance

[See all performance data](#)

ARI (R-407A)

| | |
|-------------------------------------|---------------|
| Test Voltage | 230V 3~ 60HZ |
| (R) Refrigeration Capacity (BTU/h) | 7939 |
| (R) Refrigeration Capacity (Kcal/h) | 2002 |
| (R) Refrigeration Capacity (W) | 2327 |
| Input Power (W)W | 2066 |
| (E) Efficiency (BTU/Wh) | 3.84 |
| (E) Efficiency (Kcal/Wh) | .97 |
| (E) Efficiency (W/W) | 1.13 |
| 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 3~ 60HZ |
| (R) Refrigeration Capacity (BTU/h) | 8905 |
| (R) Refrigeration Capacity (Kcal/h) | 2245 |
| (R) Refrigeration Capacity (W) | 2610 |
| Input Power (W)W | 2309 |
| (E) Efficiency (BTU/Wh) | 3.86 |
| (E) Efficiency (Kcal/Wh) | .97 |
| (E) Efficiency (W/W) | 1.13 |
| 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 3~ 60HZ |
| (R) Refrigeration Capacity (BTU/h) | 8379 |
| (R) Refrigeration Capacity (Kcal/h) | 2113 |
| (R) Refrigeration Capacity (W) | 2456 |
| Input Power (W)W | 2140 |
| (E) Efficiency (BTU/Wh) | 3.92 |
| (E) Efficiency (Kcal/Wh) | .99 |
| (E) Efficiency (W/W) | 1.15 |
| 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 3~ 60HZ |
| (R) Refrigeration Capacity (BTU/h) | 8379 |
| (R) Refrigeration Capacity (Kcal/h) | 2113 |
| (R) Refrigeration Capacity (W) | 2456 |
| Input Power (W)W | 2140 |
| (E) Efficiency (BTU/Wh) | 3.92 |
| (E) Efficiency (Kcal/Wh) | .99 |
| (E) Efficiency (W/W) | 1.15 |
| 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 3~ 60HZ |
| (R) Refrigeration Capacity (BTU/h) | 9100 |
| (R) Refrigeration Capacity (Kcal/h) | 2293 |
| (R) Refrigeration Capacity (W) | 2666 |
| Input Power (W)W | 2440 |
| (E) Efficiency (BTU/Wh) | 3.73 |
| (E) Efficiency (Kcal/Wh) | .94 |

ARI (R-404A)

(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)

Item

AV182RT-012-M7 (Discontinued)

AV195RT-001-A4 (Discontinued)

AV195RT-037-B4 (Discontinued)

AV205RT-037-B4 (Discontinued)

AV182RT-001-A4 (Inactive)

AV182RT-012-A2 (Inactive)

AV182RT-012-A21 (Inactive)

AV182RT-012-A2Y (Inactive)

AV182RT-012-A4 (Inactive)

AV182RT-012-J7 (Inactive)

AV182RT-016-B2 (Inactive)

AV182RT-018-A4 (Inactive)

AV182RT-037-A4 (Inactive)

AV182RT-037-C4 (Inactive)

AV195RT-001-J7 (Inactive)

AV195RT-037-A2 (Inactive)

AV195RT-037-J7 (Inactive)

AV195RT-037-P2 (Inactive)