



Model: AVA2512ZXT

Product Description

Compressor Type: Reciprocating

Application: LBP - Low Back Pressure

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

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: 84 LB

Displacement (cc): 91.035

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 1624

Electrical

Locked Rotor Amps (LRA): 65.1

Rated Load Amps (RLA 60Hz): 9.3

Voltage Range (50Hz): 180-242

Voltage Range (60Hz): 180-254

Rated Load Amps (RLA 50Hz): 0

Max. Continuous Current (MCC in Amps): 17.1

Motor Resistance (Ohm) - Main: 1.58

Motor Type: 3PH

Agency Approval

cURus_RECOGNIZED

Performance

[See all performance data](#)

ARI (R-407A)

Test Voltage	230V 3~ 60HZ
(R) Refrigeration Capacity (BTU/h)	10469
(R) Refrigeration Capacity (Kcal/h)	2640
(R) Refrigeration Capacity (W)	3068
Input Power (W)W	2734
(E) Efficiency (BTU/Wh)	3.83
(E) Efficiency (Kcal/Wh)	.97
(E) Efficiency (W/W)	1.12
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)	11743
(R) Refrigeration Capacity (Kcal/h)	2961
(R) Refrigeration Capacity (W)	3441
Input Power (W)W	3056
(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-449A)

Test Voltage	230V 3~ 60HZ
(R) Refrigeration Capacity (BTU/h)	11049
(R) Refrigeration Capacity (Kcal/h)	2786
(R) Refrigeration Capacity (W)	3238
Input Power (W)W	2832
(E) Efficiency (BTU/Wh)	3.9
(E) Efficiency (Kcal/Wh)	.98
(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)

ARI (R-448A)

Test Voltage	230V 3~ 60HZ
(R) Refrigeration Capacity (BTU/h)	11049
(R) Refrigeration Capacity (Kcal/h)	2786
(R) Refrigeration Capacity (W)	3238
Input Power (W)W	2832
(E) Efficiency (BTU/Wh)	3.9
(E) Efficiency (Kcal/Wh)	.98
(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)

ARI (R-404A)

Test Voltage	230V 3~ 60HZ
(R) Refrigeration Capacity (BTU/h)	12000
(R) Refrigeration Capacity (Kcal/h)	3024
(R) Refrigeration Capacity (W)	3516
Input Power (W)W	3230
(E) Efficiency (BTU/Wh)	3.72
(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

AV180RT-012-M7 (Discontinued)

AV180RT-041-A4 (Discontinued)

AV180RT-001-J7 (Inactive)

AV180RT-012-A2 (Inactive)

AV180RT-012-A21 (Inactive)

AV180RT-012-A4 (Inactive)

AV180RT-012-J7 (Inactive)

AV180RT-041-A4Y (Inactive)