



Model: AWA9490ZXT

Product Description

Compressor Type: Reciprocating

Application: CBP - Commercial Back Pressure

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

Voltage/Frequency: 200-220V 3~ 50Hz / 200-230V 3~ 60Hz

Version: AW Series

Specifications

General

- Evaporating Temp. Range :-17.8°C to 10°C (0°F to 50°F)
- Motor Torque: High Start Torque (HST)
- Compressor Cooling: Fan

Mechanical

- Weight: 67 LB
- Displacement (cc): 37.545
- Oil Type: Polyolester
- Viscosity (cSt): 32
- Oil Charge (cc): 1140

Electrical

- Locked Rotor Amps (LRA): 51
- Rated Load Amps (RLA 60Hz): 4.7
- Voltage Range (50Hz): 180-242
- Voltage Range (60Hz): 180-254
- Rated Load Amps (RLA 50Hz): 0
- Max. Continuous Current (MCC in Amps): 10.4
- Motor Resistance (Ohm) - Main: 1.63
- Motor Type: 3PH

Agency Approval

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Performance

[See all performance data](#)

ARI (R-449A)

Test Voltage	230V 3~ 60HZ
(R) Refrigeration Capacity (BTU/h)	9654
(R) Refrigeration Capacity (Kcal/h)	2434
(R) Refrigeration Capacity (W)	2829
Input Power (W)W	1510
(E) Efficiency (BTU/Wh)	6.39
(E) Efficiency (Kcal/Wh)	1.61
(E) Efficiency (W/W)	1.87
EVAP TEMP	-6.7°C (20°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)	9654
(R) Refrigeration Capacity (Kcal/h)	2434
(R) Refrigeration Capacity (W)	2829
Input Power (W)W	1510
(E) Efficiency (BTU/Wh)	6.39
(E) Efficiency (Kcal/Wh)	1.61
(E) Efficiency (W/W)	1.87
EVAP TEMP	-6.7°C (20°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)	8958
(R) Refrigeration Capacity (Kcal/h)	2259
(R) Refrigeration Capacity (W)	2625
Input Power (W)W	1528
(E) Efficiency (BTU/Wh)	5.86
(E) Efficiency (Kcal/Wh)	1.48
(E) Efficiency (W/W)	1.72
EVAP TEMP	-6.7°C (20°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)	9000
(R) Refrigeration Capacity (Kcal/h)	2268
(R) Refrigeration Capacity (W)	2637
Input Power (W)W	1600
(E) Efficiency (BTU/Wh)	5.63
(E) Efficiency (Kcal/Wh)	1.42
(E) Efficiency (W/W)	1.65
EVAP TEMP	-6.7°C (20°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

AW616RH-174-A4

AW616RH-174-J7

AW616RT-120-A2 (Inactive)

AW616RT-120-J7 (Inactive)

AW616RT-120-M7 (Inactive)

AW616RT-121-A2 (Inactive)

AW616RT-121-A2Y (Inactive)

AW616RT-121-J7 (Inactive)

AW616RT-127-A2 (Inactive)

AW616RT-127-A4 (Inactive)

AW616RT-127-J7 (Inactive)

AW616RT-163-J7 (Inactive)

AW616RT-174-J7 (Inactive)