



Model: AWA9480ZXN

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 ~ 50Hz / 208-230V ~ 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: 70 LB
- Displacement (cc): 30.547
- Oil Type: Polyolester
- Viscosity (cSt): 32
- Oil Charge (cc): 1141

Electrical

- Locked Rotor Amps (LRA): 52
- Rated Load Amps (RLA 60Hz): 6.5
- Voltage Range (50Hz): 180-242
- Voltage Range (60Hz): 187-254
- Rated Load Amps (RLA 50Hz): 0
- Max. Continuous Current (MCC in Amps): 16
- Motor Resistance (Ohm) - Main: 1.32
- Motor Resistance (Ohm) - Start: 2.72
- Motor Type: CSR

Agency Approval

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Performance

[See all performance data](#)

ARI (R-449A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	8366
(R) Refrigeration Capacity (Kcal/h)	2110
(R) Refrigeration Capacity (W)	2452
Input Power (W)W	1350
(E) Efficiency (BTU/Wh)	6.2
(E) Efficiency (Kcal/Wh)	1.56
(E) Efficiency (W/W)	1.82
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 ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	8366
(R) Refrigeration Capacity (Kcal/h)	2110
(R) Refrigeration Capacity (W)	2452
Input Power (W)W	1350
(E) Efficiency (BTU/Wh)	6.2
(E) Efficiency (Kcal/Wh)	1.56
(E) Efficiency (W/W)	1.82
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 ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	7565
(R) Refrigeration Capacity (Kcal/h)	1908
(R) Refrigeration Capacity (W)	2217
Input Power (W)W	1356
(E) Efficiency (BTU/Wh)	5.58
(E) Efficiency (Kcal/Wh)	1.41
(E) Efficiency (W/W)	1.63
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 ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	7800
(R) Refrigeration Capacity (Kcal/h)	1966
(R) Refrigeration Capacity (W)	2285
Input Power (W)W	1430
(E) Efficiency (BTU/Wh)	5.45
(E) Efficiency (Kcal/Wh)	1.37
(E) Efficiency (W/W)	1.6
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

- AW619EH-172-A4
- AW619EH-172-B4
- AW619EH-172-J7
- AW619ET-113-M7 (Discontinued)
- AW619ET-113-A4 (Inactive)
- AW619ET-113-A4D (Inactive)
- AW619ET-113-B6 (Inactive)
- AW619ET-113-C6 (Inactive)
- AW619ET-172-J7 (Inactive)