



Model: AWA2480ZXN

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 ~ 50Hz / 208-230V ~ 60Hz

Version: AW 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: 70 LB

Displacement (cc): 55.391

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 1140

Electrical

Locked Rotor Amps (LRA): 73.1

Rated Load Amps (RLA 60Hz): 8.4

Voltage Range (50Hz): 180-242

Voltage Range (60Hz): 187-254

Rated Load Amps (RLA 50Hz): 0

Max. Continuous Current (MCC in Amps): 19.6

Motor Resistance (Ohm) - Main: 0.818

Motor Resistance (Ohm) - Start: 2.38

Motor Type: CSR

Agency Approval

cURus_RECOGNIZED

Performance

[See all performance data](#)

ARI (R-448A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	7304
(R) Refrigeration Capacity (Kcal/h)	1842
(R) Refrigeration Capacity (W)	2140
Input Power (W)W	1844
(E) Efficiency (BTU/Wh)	3.96
(E) Efficiency (Kcal/Wh)	1
(E) Efficiency (W/W)	1.16
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 ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	7304
(R) Refrigeration Capacity (Kcal/h)	1842
(R) Refrigeration Capacity (W)	2140
Input Power (W)W	1844
(E) Efficiency (BTU/Wh)	3.96
(E) Efficiency (Kcal/Wh)	1
(E) Efficiency (W/W)	1.16
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 ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	6607
(R) Refrigeration Capacity (Kcal/h)	1666
(R) Refrigeration Capacity (W)	1936
Input Power (W)W	1672
(E) Efficiency (BTU/Wh)	3.95
(E) Efficiency (Kcal/Wh)	1
(E) Efficiency (W/W)	1.16
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 ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	7600
(R) Refrigeration Capacity (Kcal/h)	1915
(R) Refrigeration Capacity (W)	2227
Input Power (W)W	1935
(E) Efficiency (BTU/Wh)	3.93
(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)

Item

AW618FH-165-A4

AW618FH-165-J7

AW618FH-172-A4

AW618FH-172-B4

AW618FH-172-J7

AW618FH-172-P4

AW618FT-165-M7 (Discontinued)

AW618FH-165-A2 (Inactive)

AW618FT-161-A4 (Inactive)

AW618FT-165-A4 (Inactive)

AW618FT-165-J7 (Inactive)

AW618FT-168-A4 (Inactive)

AW618FT-168-A4-32 (Inactive)

AW618FT-172-A4 (Inactive)

AW618FT-172-B4 (Inactive)

AW618FT-172-J7 (Inactive)