



Model: AWS2495ZXN

Product Description

Compressor Type: Reciprocating

Application: LBP - Low Back Pressure

Refrigerant: R-404A

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: 30 KG

Displacement (cc): 54.3

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 1140

Electrical

Locked Rotor Amps (LRA): 71

Rated Load Amps (RLA 60Hz): 8.3

Voltage Range (50Hz): 180-242

Voltage Range (60Hz): 187-254

Rated Load Amps (RLA 50Hz): 8.35

Max. Continuous Current (MCC in Amps): 19.2

Motor Resistance (Ohm) - Main: 0.8

Motor Resistance (Ohm) - Start: 2.02

Motor Type: CSR

Agency Approval

ISI_LISTED

Performance

[See all performance data](#)

ASHRAE (R-404A)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	8300
(R) Refrigeration Capacity (Kcal/h)	2091.73387096774
(R) Refrigeration Capacity (W)	2430.45387994143
Input Power (W)W	1675
(E) Efficiency (BTU/Wh)	4.95522388059702
(E) Efficiency (Kcal/Wh)	1.24879634087626
(E) Efficiency (W/W)	1.45101724175608
EVAP TEMP	-23°C (-10°F)
COND TEMP	54°C (130°F)
AMBIENT TEMP	32°C (90°F)
RETURN GAS	32°C (90°F)
LIQUID TEMP	32°C (90°F)

ASHRAE (R-404A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	9500
(R) Refrigeration Capacity (Kcal/h)	2394.15322580645
(R) Refrigeration Capacity (W)	2781.84480234261
Input Power (W)W	1900
(E) Efficiency (BTU/Wh)	5
(E) Efficiency (Kcal/Wh)	1.26008064516129
(E) Efficiency (W/W)	1.46412884333821
EVAP TEMP	-23°C (-10°F)
COND TEMP	54°C (130°F)
AMBIENT TEMP	32°C (90°F)
RETURN GAS	32°C (90°F)
LIQUID TEMP	32°C (90°F)

ARI (R-404A)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	6350
(R) Refrigeration Capacity (Kcal/h)	1600.30241935484
(R) Refrigeration Capacity (W)	1859.44
Input Power (W)W	1610
(E) Efficiency (BTU/Wh)	3.94409937888199
(E) Efficiency (Kcal/Wh)	.993976657984372
(E) Efficiency (W/W)	1.15493393232269
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)	7300
(R) Refrigeration Capacity (Kcal/h)	1839.71774193548
(R) Refrigeration Capacity (W)	2137.62811127379
Input Power (W)W	1850
(E) Efficiency (BTU/Wh)	3.94594594594595
(E) Efficiency (Kcal/Wh)	.994442022667829
(E) Efficiency (W/W)	1.15547465474259
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)

EN12900 (R-404A)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	4000
(R) Refrigeration Capacity (Kcal/h)	1008.06451612903
(R) Refrigeration Capacity (W)	1171.30307467057
Input Power (W)W	1095
(E) Efficiency (BTU/Wh)	3.65296803652968
(E) Efficiency (Kcal/Wh)	.920606864044778

EN12900 (R-404A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	4250
(R) Refrigeration Capacity (Kcal/h)	1071.0685483871
(R) Refrigeration Capacity (W)	1244.50951683748
Input Power (W)W	1200
(E) Efficiency (BTU/Wh)	3.54166666666667
(E) Efficiency (Kcal/Wh)	.892557123655914

EN12900 (R-404A)

(E) Efficiency (W/W) 1.06968317321513

EVAP TEMP -35°C (-31°F)

COND TEMP 40°C (104°F)

AMBIENT TEMP 32°C (90°F)

RETURN GAS 20°C (68°F)

LIQUID TEMP 40°C (104°F)

EN12900 (R-404A)

(E) Efficiency (W/W) 1.03709126403123

EVAP TEMP -35°C (-31°F)

COND TEMP 40°C (104°F)

AMBIENT TEMP 32°C (90°F)

RETURN GAS 20°C (68°F)

LIQUID TEMP 40°C (104°F)

Item

[AW279EH-196-A4](#)

[AW279EH-409-A4](#)

[AW279EH-410-A4B](#)

[AW279EH-411-A4](#)

[AW279EH-410-A4](#) (Inactive)

[AW279EH-411-AA4](#) (Inactive)

[AW279EH-483-A2S](#) (Inactive)