

Model: AWS2512ZKZ

Product Description

Compressor Type: Reciprocating

Application: LBP - Low Back Pressure

Refrigerant: R-404A

Voltage/Frequency: 220V 3~ 50Hz / 220V 3~ 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: 29 KG

Displacement (cc): 68

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 1140

Electrical

Locked Rotor Amps (LRA): 70

Rated Load Amps (RLA 60Hz): 8

Voltage Range (50Hz): 180-253

Voltage Range (60Hz): 187-264

Rated Load Amps (RLA 50Hz): 7.6

Max. Continuous Current (MCC in Amps): 16

Motor Resistance (Ohm) - Main: 1.31

Motor Type: 3PH

Agency Approval

UL_RECOGNIZED, ISI_LISTED

Performance

[See all performance data](#)

ASHRAE

Test Voltage	220V 3~ 60HZ
(R) Refrigeration Capacity (BTU/h)	13600
(R) Refrigeration Capacity (Kcal/h)	3427
(R) Refrigeration Capacity (W)	3986
Input Power (W)W	2700
(E) Efficiency (BTU/Wh)	5.04
(E) Efficiency (Kcal/Wh)	1.27
(E) Efficiency (W/W)	1.48
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

Test Voltage	220V 3~ 50HZ
(R) Refrigeration Capacity (BTU/h)	11500
(R) Refrigeration Capacity (Kcal/h)	2898
(R) Refrigeration Capacity (W)	3370
Input Power (W)W	2300
(E) Efficiency (BTU/Wh)	5
(E) Efficiency (Kcal/Wh)	1.26
(E) Efficiency (W/W)	1.47
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

Test Voltage	220V 3~ 50HZ
(R) Refrigeration Capacity (BTU/h)	8740
(R) Refrigeration Capacity (Kcal/h)	2203
(R) Refrigeration Capacity (W)	2562
Input Power (W)W	2275
(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

Test Voltage	220V 3~ 60HZ
(R) Refrigeration Capacity (BTU/h)	10200
(R) Refrigeration Capacity (Kcal/h)	2571
(R) Refrigeration Capacity (W)	2989
Input Power (W)W	2675
(E) Efficiency (BTU/Wh)	3.81
(E) Efficiency (Kcal/Wh)	.96
(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)

EN12900

Test Voltage	220V 3~ 50HZ
(R) Refrigeration Capacity (BTU/h)	5865
(R) Refrigeration Capacity (Kcal/h)	1478
(R) Refrigeration Capacity (W)	1719
Input Power (W)W	1495
(E) Efficiency (BTU/Wh)	3.92
(E) Efficiency (Kcal/Wh)	.99

EN12900

Test Voltage	220V 3~ 60HZ
(R) Refrigeration Capacity (BTU/h)	6800
(R) Refrigeration Capacity (Kcal/h)	1714
(R) Refrigeration Capacity (W)	1993
Input Power (W)W	1688
(E) Efficiency (BTU/Wh)	4.03
(E) Efficiency (Kcal/Wh)	1.02

EN12900

(E) Efficiency (W/W) 1.15

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

(E) Efficiency (W/W) 1.18

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

AW459SH-196-A4

AW459SH-410-A4B

AW459SH-419-A4

AW459SH-419-A41

AW459SH-419-B4

AW459SH-419-J7

AW259SH-410-A4 (Inactive)

AW459SH-410-A4 (Inactive)

AW459SH-412-A4 (Inactive)

AW459SH-480-A2S (Inactive)

AW459SH-481-A2S (Inactive)