

Model: AWS4522ZXN

Product Description

Compressor Type: Reciprocating

Application: MBP/HBP - Medium/High Back Pressure

Refrigerant: R-404A

Voltage/Frequency: 200-220V ~ 50Hz / 208-230V ~ 60Hz

Version: AW Series

Specifications

General

- Evaporating Temp. Range :-15°C to 15°C (5°F to 59°F)
- Motor Torque: High Start Torque (HST)
- Compressor Cooling: Fan

Mechanical

- Weight: 26 KG
- Displacement (cc): 39.6
- Oil Type: Polyolester
- Viscosity (cSt): 32
- Oil Charge (cc): 1140

Electrical

- Locked Rotor Amps (LRA): 60
- Rated Load Amps (RLA 60Hz): 10.54
- Voltage Range (50Hz): 180-242
- Voltage Range (60Hz): 187-254
- Rated Load Amps (RLA 50Hz): 11.45
- Max. Continuous Current (MCC in Amps): 19.1
- Motor Resistance (Ohm) - Main: 0.93
- Motor Resistance (Ohm) - Start: 2.85
- Motor Type: CSR

Agency Approval

ISI_LISTED, CCC_LISTED, TIS_LISTED

Performance

[See all performance data](#)

ARI

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	21547
(R) Refrigeration Capacity (Kcal/h)	5430
(R) Refrigeration Capacity (W)	6315
Input Power (W)W	2400
(E) Efficiency (BTU/Wh)	8.98
(E) Efficiency (Kcal/Wh)	2.26
(E) Efficiency (W/W)	2.63
EVAP TEMP	7.2°C (45°F)
COND TEMP	54°C (130°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	18.3°C (65°F)
LIQUID TEMP	46°C (115°F)

ARI

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	18700
(R) Refrigeration Capacity (Kcal/h)	4713
(R) Refrigeration Capacity (W)	5481
Input Power (W)W	2100
(E) Efficiency (BTU/Wh)	8.9
(E) Efficiency (Kcal/Wh)	2.24
(E) Efficiency (W/W)	2.61
EVAP TEMP	7.2°C (45°F)
COND TEMP	54°C (130°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	18.3°C (65°F)
LIQUID TEMP	46°C (115°F)

EN12900

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	19350
(R) Refrigeration Capacity (Kcal/h)	4877
(R) Refrigeration Capacity (W)	5671
Input Power (W)W	2252
(E) Efficiency (BTU/Wh)	8.59
(E) Efficiency (Kcal/Wh)	2.17
(E) Efficiency (W/W)	2.52
EVAP TEMP	5°C (41°F)
COND TEMP	50°C (122°F)
AMBIENT TEMP	32°C (90°F)
RETURN GAS	20°C (68°F)
LIQUID TEMP	50°C (122°F)

EN12900

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	16825
(R) Refrigeration Capacity (Kcal/h)	4240
(R) Refrigeration Capacity (W)	4931
Input Power (W)W	1963
(E) Efficiency (BTU/Wh)	8.57
(E) Efficiency (Kcal/Wh)	2.16
(E) Efficiency (W/W)	2.51
EVAP TEMP	5°C (41°F)
COND TEMP	50°C (122°F)
AMBIENT TEMP	32°C (90°F)
RETURN GAS	20°C (68°F)
LIQUID TEMP	50°C (122°F)

ASHRAE

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	23600
(R) Refrigeration Capacity (Kcal/h)	5951
(R) Refrigeration Capacity (W)	6917
Input Power (W)W	2450
(E) Efficiency (BTU/Wh)	9.63
(E) Efficiency (Kcal/Wh)	2.43

ASHRAE

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	20200
(R) Refrigeration Capacity (Kcal/h)	5093
(R) Refrigeration Capacity (W)	5920
Input Power (W)W	2120
(E) Efficiency (BTU/Wh)	9.53
(E) Efficiency (Kcal/Wh)	2.4

ASHRAE

(E) Efficiency (W/W) 2.82

EVAP TEMP 7.2°C (45°F)

COND TEMP 54°C (130°F)

AMBIENT TEMP 35°C (95°F)

RETURN GAS 35°C (95°F)

LIQUID TEMP 46°C (115°F)

ASHRAE

(E) Efficiency (W/W) 2.79

EVAP TEMP 7.2°C (45°F)

COND TEMP 54°C (130°F)

AMBIENT TEMP 35°C (95°F)

RETURN GAS 35°C (95°F)

LIQUID TEMP 46°C (115°F)

Item

AW268EH-014-A4

AW268EH-014-A4B

AW268EH-025-A2

AW268EH-025-A2S

AW268EH-107-A4

AW268EH-107-A41

AW268EH-401-A2

AW268EH-401-A4

AW268FH-025-A2

AW269EH-423-A4

AW4ZG1DH025A

AW4ZG1DH-079-A4

AW4ZG2DH-079-A4

AW244EH-423-A2 (Inactive)

AW268EH-014-A4BS (Inactive)

AW268EH-014-A4S (Inactive)

AW268EH-014-P2 (Inactive)

AW268EH-014-P2S (Inactive)

AW268EH-107-A4S (Inactive)

AW268EH172A4 (Inactive)

AW268EH-401-A2S (Inactive)

AW268EH-401-A4S (Inactive)

AW269EH-423-A4S (Inactive)