

Model: AWS4532ZXN

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: 29 KG

Displacement (cc): 50.6

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 1140

Electrical

Locked Rotor Amps (LRA): 85

Rated Load Amps (RLA 60Hz): 14.8

Voltage Range (50Hz): 180-242

Voltage Range (60Hz): 187-254

Rated Load Amps (RLA 50Hz): 17.6

Max. Continuous Current (MCC in Amps): 25.2

Motor Resistance (Ohm) - Main: 0.69

Motor Resistance (Ohm) - Start: 2.1

Motor Type: CSR

Agency Approval

ISI_LISTED, CCC_LISTED, TIS_LISTED

Performance

[See all performance data](#)

ASHRAE

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	32000
(R) Refrigeration Capacity (Kcal/h)	8069
(R) Refrigeration Capacity (W)	9379
Input Power (W)W	3300
(E) Efficiency (BTU/Wh)	9.7
(E) Efficiency (Kcal/Wh)	2.45
(E) Efficiency (W/W)	2.84
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

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	27000
(R) Refrigeration Capacity (Kcal/h)	6808
(R) Refrigeration Capacity (W)	7913
Input Power (W)W	2900
(E) Efficiency (BTU/Wh)	9.31
(E) Efficiency (Kcal/Wh)	2.35
(E) Efficiency (W/W)	2.73
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)

ARI

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	29216
(R) Refrigeration Capacity (Kcal/h)	7363
(R) Refrigeration Capacity (W)	8563
Input Power (W)W	3234
(E) Efficiency (BTU/Wh)	9.03
(E) Efficiency (Kcal/Wh)	2.28
(E) Efficiency (W/W)	2.65
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)	25000
(R) Refrigeration Capacity (Kcal/h)	6300
(R) Refrigeration Capacity (W)	7327
Input Power (W)W	2870
(E) Efficiency (BTU/Wh)	8.71
(E) Efficiency (Kcal/Wh)	2.2
(E) Efficiency (W/W)	2.55
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)	26240
(R) Refrigeration Capacity (Kcal/h)	6612
(R) Refrigeration Capacity (W)	7683
Input Power (W)W	3033
(E) Efficiency (BTU/Wh)	8.65
(E) Efficiency (Kcal/Wh)	2.18

EN12900

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	22490
(R) Refrigeration Capacity (Kcal/h)	5668
(R) Refrigeration Capacity (W)	6591
Input Power (W)W	2685
(E) Efficiency (BTU/Wh)	8.38
(E) Efficiency (Kcal/Wh)	2.11

EN12900

(E) Efficiency (W/W) 2.53

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

(E) Efficiency (W/W) 2.45

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)

Item

AW242EH-423-A4

AW244EH-014-A4

AW244EH-014-A4B

AW244EH-058-A2

AW244EH-058-A2S

AW244EH-058-A4

AW244EH-058-A41

AW244EH-403-A4

AW244FH-014-A4

AW244FH-014-A4B

AW244FH-058-A2

AW244FH-058-A2S

AW244FH-058-A41

AW244FH-403-A4

AW4ZN1DH-058-A4

AW4ZN1DH-078-A4

AW4ZN2DH-078-A4

AW242EH-423-A4S (Inactive)

AW244EH-014-A4BS (Inactive)

AW244EH-014-A4S (Inactive)

AW244EH-014-P2 (Inactive)

AW244EH-014-P2S (Inactive)

AW244EH-058-A4S (Inactive)

AW244EH-058D-A4 (Inactive)

AW244EH-403-A2 (Inactive)

AW244EH-403-A2S (Inactive)

AW244EH-403-A4S (Inactive)

AW244EH-423-A4 (Inactive)

AW244EH-487-A2S (Inactive)