

Model: AWS4525YXC

Product Description

Compressor Type: Reciprocating

Application: MBP/HBP - Medium/High Back Pressure

Refrigerant: R-134a

Voltage/Frequency: 220-240V ~ 50Hz

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: 27 KG

Displacement (cc): 63

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 1140

Electrical

Locked Rotor Amps (LRA): 52

Rated Load Amps (RLA 60Hz): 0

Voltage Range (50Hz): 198-264

Rated Load Amps (RLA 50Hz): 9.5

Max. Continuous Current (MCC in Amps): 14

Motor Resistance (Ohm) - Main: 1.31

Motor Resistance (Ohm) - Start: 3.8

Motor Type: CSR

Agency Approval

ISI_LISTED

Performance

[See all performance data](#)

ARI (R-134a)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	20125
(R) Refrigeration Capacity (Kcal/h)	5072
(R) Refrigeration Capacity (W)	5898
Input Power (W)W	2030
(E) Efficiency (BTU/Wh)	9.91
(E) Efficiency (Kcal/Wh)	2.5
(E) Efficiency (W/W)	2.91
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)

ASHRAE (R-134a)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	21200
(R) Refrigeration Capacity (Kcal/h)	5343
(R) Refrigeration Capacity (W)	6213
Input Power (W)W	2040
(E) Efficiency (BTU/Wh)	10.39
(E) Efficiency (Kcal/Wh)	2.62
(E) Efficiency (W/W)	3.05
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)

EN12900 (R-134a)

Test Voltage	220V ~ 50HZ
(R) Refrigeration Capacity (BTU/h)	18300
(R) Refrigeration Capacity (Kcal/h)	4612
(R) Refrigeration Capacity (W)	5363
Input Power (W)W	1885
(E) Efficiency (BTU/Wh)	9.71
(E) Efficiency (Kcal/Wh)	2.45
(E) Efficiency (W/W)	2.85
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

AW478JH-413-A4

AW478JH-413-A41

AW478JH-414-A4

AW478JH-414-A4B

AW478JH-487-A2S

AW478KH-413-A2

AW478KH-414-A4

AW4YV1JH-413-A4

4AW478JH-487-A4B (Inactive)

AW478JH-425-A4 (Inactive)

AW478JH-486-A2 (Inactive)

AW478JH-487-A2 (Inactive)

AW478JH-487-A4B (Inactive)