



Model: AWA7512ZXD

Product Description

Compressor Type: Reciprocating

Application: MBP - Medium Back Pressure

Refrigerant: R-404A/R-407A/R-448A/R-449A/R-452A

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

Version: AW Series

Specifications

General

Evaporating Temp. Range :-23.3°C to -1.1°C (-10°F to 30°F)

Motor Torque: High Start Torque (HST)

Compressor Cooling: Fan

Mechanical

Weight: 65 LB

Displacement (cc): 43.1

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 1140

Electrical

Locked Rotor Amps (LRA): 73

Rated Load Amps (RLA 60Hz): 9.55

Voltage Range (50Hz): 180-220

Voltage Range (60Hz): 187-254

Rated Load Amps (RLA 50Hz): 0

Max. Continuous Current (MCC in Amps): 22

Motor Resistance (Ohm) - Main: 0.88

Motor Resistance (Ohm) - Start: 2.1

Motor Type: CSR

Agency Approval

cURus_RECOGNIZED

Performance

[See all performance data](#)

ARI (R-404A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	11600
(R) Refrigeration Capacity (Kcal/h)	2923
(R) Refrigeration Capacity (W)	3399
Input Power (W)W	2030
(E) Efficiency (BTU/Wh)	5.71
(E) Efficiency (Kcal/Wh)	1.44
(E) Efficiency (W/W)	1.67
EVAP TEMP	-6.7°C (20°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-448A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	12442
(R) Refrigeration Capacity (Kcal/h)	3137
(R) Refrigeration Capacity (W)	3646
Input Power (W)W	1916
(E) Efficiency (BTU/Wh)	6.49
(E) Efficiency (Kcal/Wh)	1.64
(E) Efficiency (W/W)	1.9
EVAP TEMP	-6.7°C (20°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-449A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	12442
(R) Refrigeration Capacity (Kcal/h)	3137
(R) Refrigeration Capacity (W)	3646
Input Power (W)W	1916
(E) Efficiency (BTU/Wh)	6.49
(E) Efficiency (Kcal/Wh)	1.64
(E) Efficiency (W/W)	1.9
EVAP TEMP	-6.7°C (20°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-452A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	11546
(R) Refrigeration Capacity (Kcal/h)	2911
(R) Refrigeration Capacity (W)	3384
Input Power (W)W	1939
(E) Efficiency (BTU/Wh)	5.95
(E) Efficiency (Kcal/Wh)	1.5
(E) Efficiency (W/W)	1.75
EVAP TEMP	-6.7°C (20°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)

Item

AW611EH-099-A4

AW611EH-099-M7

AW611EH-111-A4

AW611EH-111-J7

AW611ET-099-A4 (Inactive)

AW611ET-099-A4Y (Inactive)

AW611ET-099-M7 (Inactive)

AW611ET-099-P21 (Inactive)

AW611ET-111-A2 (Inactive)

AW611ET-111-A4 (Inactive)

AW611ET-111-J7 (Inactive)

AW611ET-111-M7 (Inactive)

AW611ET-114-A4 (Inactive)

AW611ET-114-A4D (Inactive)

AW611ET-114-B6 (Inactive)

AW611ET-114-C6 (Inactive)

AW611ET-114-J7 (Inactive)