



**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-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-448A)

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	12442
(R) Refrigeration Capacity (Kcal/h)	3137
(R) Refrigeration Capacity (W)	3646
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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)

## 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)

## 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)