



**Model: AWZ5542EXN**

### **Product Description**

**Compressor Type:** Reciprocating

**Application:** HBP/AC - Air Conditioning

**Refrigerant:** R-22

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

**Version:** AW Series

# Specifications

## General

**Evaporating Temp. Range** :-23.3°C to 12.8°C (-10°F to 55°F)

**Motor Torque:** High Start Torque (HST)

**Compressor Cooling:** Fan

## Mechanical

**Weight:** 30 KG

**Displacement (cc):** 68

**Oil Type:** Mineral

**Viscosity (cSt):** 37

**Oil Charge (cc):** 1100

## Electrical

**Locked Rotor Amps (LRA):** 100

**Rated Load Amps (RLA 60Hz):** 20

**Voltage Range (50Hz):** 180-242

**Voltage Range (60Hz):** 197-254

**Rated Load Amps (RLA 50Hz):** 20.5

**Max. Continuous Current (MCC in Amps):** 28

**Motor Resistance (Ohm) - Main:** 0.53

**Motor Resistance (Ohm) - Start:** 2.04

**Motor Type:** CSR

## Agency Approval

**ISI\_LISTED**

## Performance

[See all performance data](#)

### ASHRAE

Test Voltage	230V ~ 60HZ
(R) Refrigeration Capacity (BTU/h)	42800
(R) Refrigeration Capacity (Kcal/h)	10785
(R) Refrigeration Capacity (W)	12543
Input Power (W)W	4520
(E) Efficiency (BTU/Wh)	9.47
(E) Efficiency (Kcal/Wh)	2.57
(E) Efficiency (W/W)	2.99
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)	35660
(R) Refrigeration Capacity (Kcal/h)	8986
(R) Refrigeration Capacity (W)	10451
Input Power (W)W	3850
(E) Efficiency (BTU/Wh)	9.26
(E) Efficiency (Kcal/Wh)	2.57
(E) Efficiency (W/W)	2.99
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

14952843

14955534

14955569 (Inactive)