

# Mbsm.pro, Compressor , Air Conditioning, r22, Tecumseh, AGC5568EXG, AG144UT-001-J7, 5-1/2 HP, 4 ton, R-22, 56700 btu, HBP/AC, 460V 3ph 60Hz 380-420V

Category: air conditioner,compressor

written by [www.mbsm.pro](http://www.mbsm.pro) | 4 February 2024



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The AGC5568EXG compressor has a capacity of 5.5 horsepower, which translates to **approximately 4 tons of refrigeration**. However, it's important to note that the exact tonnage can vary depending on several factors, including:

- **Evaporating temperature:** The compressor's capacity is typically rated at a specific evaporating temperature, usually around 45°F (7°C). If your application operates at a different temperature, the actual tonnage will be higher or lower.
- **Condensing temperature:** The condensing temperature also affects the compressor's capacity. Higher condensing temperatures will result in lower tonnage.
- **Refrigerant type:** The AGC5568EXG is designed for use with R22 refrigerant, but it may also be compatible with other refrigerants. However, the capacity will vary depending on the specific refrigerant used.

Therefore, to get the most accurate estimate of the AGC5568EXG's tonnage for your specific application, it's best to consult the manufacturer's technical

data sheet or contact a qualified refrigeration technician. They can consider all the relevant factors and provide you with a more precise tonnage calculation.

# Product Family

AG144UT-001-J7 compressor R22 460V 3ph 5-1/2 HP air conditioning

## Product Description

- Type Reciprocating
- Application HBP/AC – Air Conditioning
- Refrigerant R22
- Voltage/Frequency 460V 3~ 60Hz 380-420V 3~ 50Hz

## Product Specifications

### Performance

- Condition ASHRAE
- Test Voltage 380V 3~ 50HZ
- Refrigeration Capacity
  - Btu/h 56700
  - kcal/h 14288
  - W 16613

- Input Power
  - W 5950

- Efficiency
  - Btu/Wh 9.5300
  - kcal/Wh 2.4000
  - W/W 2.7900

- Evaporator Temperature 7.2°C (45°F)
- Condensing Temperature 54°C (130°F)
- Ambient Temperature 35°C (95°F)
- Return Gas Temperature 35°C (95°F)
- Liquid Temperature 46°C (115°F)

### General

- Evaporating Temperature Range -23.3°C to 12.8°C (-10°F to 55°F)
- Motor Torque Low Start Torque (LST)
- Compressor Cooling Fan

### Mechanical

**Displacement (cc)** 124.3190

**Oil Type** Synthetic Alkylate

**Viscosity (cSt)** 53

**Oil Charge (cc)** 1955

**Sound Power dB(A)** 0

### Electrical

**Voltage Range (50 Hz)** 342-462

**Voltage Range (60 Hz)** 414-506

**Locked Rotor Amps (LRA)** 0

**Rated Load Amps (RLA 60 Hz)** 10.6000

**Maximum Continuous Current (MCC in Amps)** 16.6000

**Motor Resistance (0hm) – Main** 0

**Motor Resistance (0hm) – Start** 0

**Motor Type** 3PH

**Overload Type** N/A

**Relay Type** N/A

**Agency Approval** CSA Listed, UL Recognized

## Product Family

| Model Number | Decription                      | Manufacturer            | Price               | Avail.<br>Qty |
|--------------|---------------------------------|-------------------------|---------------------|---------------|
| AGC5568EXG   | AG144UT-001-J7 5 1/2 HP<br>R-22 | Tecumseh Product<br>Co. | Call for<br>Pricing | 0             |









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