

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 Lilianne | 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 (Ohm) – Main 0
Motor Resistance (Ohm) – Start 0
Motor Type 3PH
Overload Type N/A
Relay Type N/A

Agency Approval CSA Listed, UL Recognized

Product Family

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



AG144UT-001-A4
AGC5568EXG

460V
380-420V
LRA



D1999

240140
SERIAL NUMBER

TC
MOTOR



11.07.2018/1/1/1



11.02 4.25/1/3

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