

[Manuals.plus](#) /

› [Goodman](#) /

› Goodman 0131M00272S 120/240V 1HP 1250RPM Motor Instruction Manual

Goodman 0131M00272S

Goodman 0131M00272S 120/240V 1HP 1250RPM Motor Instruction Manual

MODEL: 0131M00272S

Introduction

This instruction manual provides essential information for the safe and efficient installation, operation, and maintenance of your Goodman 0131M00272S motor. Please read this manual thoroughly before attempting any installation or operation. Retain this manual for future reference.



This image displays the Goodman 0131M00272S motor, a 1 horsepower, 1250 RPM unit designed for 120/240V operation. The product label shows specifications including voltage, amperage, and UL listing.

Safety Information

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. This motor operates on high voltage and can cause severe injury or death if not handled properly.

- **Disconnect Power:** Ensure all power to the motor and associated equipment is disconnected and locked out before installation, maintenance, or troubleshooting.
- **Qualified Personnel:** Installation and servicing should only be performed by qualified and experienced technicians.
- **Grounding:** Ensure the motor is properly grounded according to local and national electrical codes.
- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety glasses and insulated gloves, when working with electrical equipment.

Setup and Installation

Proper installation is crucial for the motor's performance and longevity.

- 1. Inspection:** Upon receipt, inspect the motor for any shipping damage. Report any damage immediately.
- 2. Mounting:** Securely mount the motor using appropriate fasteners and mounting brackets. Ensure the motor is level and stable to prevent vibration and premature wear.
- 3. Shaft Alignment:** If connecting to a driven load, ensure proper shaft alignment to prevent excessive stress on bearings.
- 4. Wiring:** Connect the motor to the power supply according to the wiring diagram provided on the motor label or in the equipment's specific manual. This motor is designed for 120/240V operation. Verify correct voltage and frequency (60Hz) before connecting.
- 5. Ventilation:** Ensure adequate airflow around the motor for proper cooling. Do not obstruct ventilation openings.

Operating Instructions

Before initial startup, perform the following checks:

- Verify all electrical connections are secure and correct.
- Confirm the motor is properly grounded.
- Ensure no foreign objects are obstructing the motor's rotation or ventilation.
- Confirm the power supply voltage matches the motor's rating (120/240V).

Startup: Apply power to the motor. Observe for unusual noises, vibrations, or overheating. If any abnormalities are detected, immediately disconnect power and investigate the cause.

Maintenance

Regular maintenance helps ensure optimal performance and extends the lifespan of your motor.

- **Cleaning:** Periodically clean the exterior of the motor to remove dust, dirt, and debris that can impede cooling. Ensure power is disconnected before cleaning.
- **Inspection:** Regularly inspect the motor for signs of wear, damage, or loose connections. Check for unusual noises or vibrations during operation.
- **Bearings:** This motor typically features sealed bearings that do not require lubrication. Refer to the motor label or manufacturer's specifications for specific bearing maintenance requirements.
- **Wiring:** Check wiring connections for tightness and signs of insulation degradation.

Troubleshooting

Before troubleshooting, always disconnect power to the motor.

Problem	Possible Cause	Solution
Motor does not start	No power, incorrect wiring, faulty capacitor (if applicable), seized bearings	Check power supply, verify wiring, inspect/replace capacitor, check bearings for free rotation.
Motor overheats	Insufficient ventilation, excessive load, incorrect voltage, bearing failure	Ensure clear airflow, reduce load, verify correct voltage, inspect/replace bearings.

Problem	Possible Cause	Solution
Excessive noise or vibration	Loose mounting, unbalanced load, worn bearings, bent shaft	Tighten mounting bolts, balance load, replace bearings, inspect shaft for damage.

Specifications

Specification	Value
Model Number	0131M00272S (Internal Label Model: MSSPWMYE-3049)
Brand	Goodman
Horsepower (HP)	1 HP
Voltage	120/240 Volts
Speed	1250 RPM
Amperage (Approx.)	10.7/6.9-6.9 Amps (Varies with voltage)
Frequency	60 Hz
Protection	Electronically Protected
Item Weight	19 Pounds
Manufacturer	Goodman Parts
UL Listed	E255002
ASIN	B00QW2SIFY

Warranty and Support

For warranty information, technical support, or replacement parts, please contact Goodman customer service or visit their official website. Keep your purchase receipt and model number handy for any inquiries.
Goodman Official Website: www.goodmanmfg.com

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question