

[Manuals.plus](#) /

› [Goodman](#) /

› Goodman 29213-01S Exchanger Instruction Manual

Goodman 29213-01S

Goodman 29213-01S Exchanger Instruction Manual

Model: 29213-01S

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Goodman 29213-01S Exchanger. Please read these instructions thoroughly before proceeding with any procedures to ensure safe and efficient use. This component is designed as a replacement part for specific Goodman furnace models.

SAFETY INFORMATION

WARNING: Installation and servicing of heating, ventilation, and air conditioning (HVAC) equipment can be hazardous due to system pressure, electrical components, and sharp metal parts. Only qualified, trained, and experienced service technicians should install, repair, or service HVAC equipment. Failure to follow these instructions can result in property damage, personal injury, or death.

- Always disconnect power to the unit before performing any service or maintenance.
- Wear appropriate personal protective equipment (PPE), including gloves and eye protection.
- Ensure all local and national codes are followed during installation.
- Do not attempt to modify the exchanger or any other system components.

PRODUCT OVERVIEW

The Goodman 29213-01S Exchanger is a critical component in specific Goodman furnace systems, responsible for transferring heat from the combustion gases to the circulating air. This replacement part ensures the continued efficient and safe operation of your heating unit.



Image: Goodman 29213-01S Exchanger. This image displays the Goodman 29213-01S Exchanger, a metallic component with a series of fins and tubes designed for heat transfer within a furnace system. It is shown from a slightly angled perspective, highlighting its robust construction.

COMPATIBILITY

This Goodman 29213-01S Exchanger is compatible with the following Goodman furnace models:

- PGB024075-1
- PGB024075-1A
- PGB030075-1
- PGB030075-1A
- PGB030075-1B
- PGB036075-1
- PGB036075-1A
- PGB036075-1B
- PGB036075-3

Verify your furnace model number before purchasing or installing this replacement part.

SETUP AND INSTALLATION

IMPORTANT: Installation of the Goodman 29213-01S Exchanger should only be performed by a qualified HVAC technician. Improper installation can lead to system malfunction, safety hazards, and voiding of warranties.

1. **Preparation:** Ensure the furnace is completely powered off at the main breaker. Allow the unit to cool down if it has been recently operating.
2. **Access:** Carefully remove the furnace access panels to expose the existing heat exchanger.
3. **Disconnection:** Disconnect any associated wiring, gas lines, and flue connections from the old exchanger, following manufacturer guidelines.
4. **Removal:** Carefully remove the old heat exchanger from the furnace cabinet. Note its orientation for proper installation of the new part.
5. **Installation:** Position the new Goodman 29213-01S Exchanger into the furnace cabinet, ensuring it fits securely and aligns with all connection points.
6. **Connection:** Reconnect all wiring, gas lines, and flue connections. Ensure all connections are tight and secure, checking for gas leaks if applicable.
7. **Testing:** After reassembling the furnace, restore power and perform a thorough system test to verify proper operation and absence of leaks or malfunctions.

OPERATING INSTRUCTIONS

The Goodman 29213-01S Exchanger is a passive component within your furnace system. Once correctly installed, its operation is integrated with the overall furnace control system. There are no direct user operating controls for the exchanger itself.

Ensure your furnace is set to the desired heating mode and temperature. The exchanger will function automatically as part of the heating cycle, transferring heat from the combustion process to the air circulated throughout your home.

MAINTENANCE

Regular maintenance of your furnace system, including the heat exchanger, is crucial for optimal performance and longevity. While the heat exchanger itself does not require user-level maintenance, it is part of a system that does.

- **Annual Professional Inspection:** Have a qualified HVAC technician inspect your entire furnace system, including the heat exchanger, annually. They can check for cracks, corrosion, or blockages that could impair performance or pose safety risks.
- **Air Filter Replacement:** Regularly replace or clean your furnace's air filter as recommended by your furnace manufacturer. A clean filter ensures proper airflow, reducing strain on the heat exchanger and improving efficiency.
- **Clear Vents and Flues:** Ensure that all furnace vents and exhaust flues are clear of obstructions to allow for proper combustion and exhaust gas ventilation.

TROUBLESHOOTING

If your furnace system is not operating correctly after the installation of the Goodman 29213-01S Exchanger, consider the following general troubleshooting steps. For complex issues, always consult a qualified HVAC technician.

Problem	Possible Cause	Solution
No Heat / Insufficient Heat	Incorrect installation, gas supply issue, thermostat malfunction, clogged air filter.	Verify all connections are secure. Check gas supply. Ensure thermostat settings are correct. Replace air filter. If issues persist, contact a technician.
Unusual Noises	Loose components, airflow obstruction, fan motor issue.	Inspect for loose panels or components. Check for obstructions in ducts. Contact a technician for internal component inspection.
Furnace Cycling On/Off Frequently	Thermostat issue, restricted airflow, dirty flame sensor.	Check thermostat calibration. Ensure air filter is clean. Contact a technician to inspect internal components.

SPECIFICATIONS

Feature	Detail
Manufacturer	Goodman Mfg. Company
Part Number	2921301S
Item Weight	34.2 pounds
Product Dimensions	32 x 16.2 x 21.6 inches

Feature	Detail
Model Number	2921301S
Item Package Quantity	1
Batteries Included?	No
Batteries Required?	No
First Available Date	October 18, 2011

WARRANTY AND SUPPORT

For specific warranty information regarding the Goodman 29213-01S Exchanger, please refer to the documentation provided with your original furnace unit or contact Goodman Manufacturing Company directly. Warranty terms typically cover defects in materials and workmanship under normal use and service.

For technical support, service, or to locate an authorized Goodman service provider, please visit the official Goodman website or contact their customer service department. Always provide your product model and serial number when seeking support.

Goodman Official Website: www.goodmanmfg.com

© 2023 Goodman Manufacturing Company. All rights reserved.

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

