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Rheem SP12562

Rheem SP12562 High Performance Blower Instruction Manual

INTRODUCTION

This manual provides essential instructions for the safe and efficient installation, operation, and maintenance of your Rheem SP12562 High Performance Blower. Please read this manual thoroughly before attempting any procedures to ensure proper function and longevity of the unit. Keep this manual for future reference.

PRODUCT OVERVIEW

The Rheem SP12562 is a high-performance blower designed as a replacement part for HVAC systems, specifically for Rheem/Ruud water heaters. This component is crucial for the proper ventilation and operation of compatible heating units.



Figure 1: Rheem SP12562 High Performance Blower. The blower is black and features an intake and exhaust port. A size reference indicates a height of 15 inches (39 cm).

Key Features:

- High Performance Blower
- Direct replacement for Rheem/Ruud HVAC systems
- Ensures proper ventilation for water heaters

SAFETY INFORMATION

Always observe the following safety precautions when handling, installing, or maintaining the Rheem SP12562 Blower:

- **Disconnect Power:** Ensure all electrical power to the water heater and blower unit is disconnected at the circuit breaker before beginning any installation or maintenance.
- **Qualified Personnel:** Installation and service should be performed by a qualified technician.
- **Wear Protective Gear:** Use appropriate personal protective equipment (PPE) such as gloves and eye protection.
- **Follow Local Codes:** Adhere to all local electrical and plumbing codes.
- **Inspect for Damage:** Before installation, inspect the blower for any shipping damage. Do not install damaged components.

SETUP AND INSTALLATION

The Rheem SP12562 Blower is designed for straightforward replacement. Follow these general steps for installation:

1. **Disconnect Power:** Turn off and unplug the old blower unit and the water heater from its power source.
2. **Remove Mounting Screws:** Locate and remove the four mounting screws that secure the old blower to the top of the water heater tank.
3. **Loosen Band Clamps:** Loosen the two band clamps on the rubber coupler that connects the blower to the PVC exhaust pipe.
4. **Disconnect Electrical:** Carefully lift the old blower and disconnect the electrical connector located under the on/off switch compartment.
5. **Remove Old Blower:** Once all connections are detached, remove the old blower unit.
6. **Install New Blower:** Reverse the steps to install the new Rheem SP12562 Blower. Ensure all connections are secure and screws are tightened appropriately.
7. **Reconnect Power:** Restore power to the water heater and test the new blower's operation.

Note: This is a general guide. Refer to your specific water heater's manual for detailed instructions and diagrams.

OPERATING INSTRUCTIONS

The Rheem SP12562 High Performance Blower operates automatically in conjunction with your water heater's control system. Once properly installed and power is restored, the blower will activate as needed to facilitate the exhaust of combustion gases, ensuring efficient and safe operation of your water heater.

- Ensure the water heater is powered on.
- The blower will engage when the water heater calls for heat.
- Listen for normal operating sounds; excessive noise may indicate an issue.

MAINTENANCE

Regular maintenance helps ensure the longevity and efficient operation of your blower. Perform the following checks periodically:

- **Visual Inspection:** Annually inspect the blower unit for any signs of wear, corrosion, or damage. Check electrical connections for tightness.
- **Clean Vents:** Ensure that the exhaust and intake vents connected to the blower are clear of obstructions (e.g., debris, lint, animal nests).
- **Listen for Unusual Noises:** Pay attention to any new or unusual noises coming from the blower, which could indicate a bearing issue or other mechanical problem.
- **Pressure Switch Check:** If applicable, ensure the pressure switch hose is clear and the switch is functioning correctly (refer to troubleshooting if issues arise).

Always disconnect power before performing any maintenance.

TROUBLESHOOTING

If your Rheem SP12562 Blower or water heater is not functioning as expected, consider the following

common issues:

Problem	Possible Cause	Solution
Blower not operating or water heater not heating.	No power to the unit.	Check circuit breaker and electrical connections.
Blower runs but water heater does not reach temperature.	Faulty pressure switch on the blower.	Inspect the pressure switch. If it does not stay closed, it may need replacement. In some cases, the old pressure switch from the previous blower might be compatible and functional. Consult a qualified technician.
Unusual noise from the blower.	Worn bearings or obstruction.	Disconnect power and inspect for obstructions. If noise persists, the blower motor may need replacement.
Blower does not turn on.	Clogged exhaust/intake vents.	Ensure all vents are clear of debris.

If problems persist after attempting these solutions, contact a qualified HVAC technician or Rheem customer support.

SPECIFICATIONS

Feature	Detail
Model Number	SP12562
Part Number	SP12562
Manufacturer	Rheem
Item Weight	0.01 ounces (approx. 0.28 grams)
Product Dimensions	9.7 x 9.7 x 7.4 inches (24.6 x 24.6 x 18.8 cm)
Included Components	Blower - High Performance

WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or to purchase genuine replacement parts, please contact Rheem customer service or visit the official Rheem website. Keep your purchase receipt and model number (SP12562) handy when contacting support.

Rheem Customer Service: Refer to your original product documentation or the Rheem official website for current contact information.

