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> Broan Installation Kit User Manual for Models HV1.5, HR2.5, and HR2.6

## Broan 15273

# Broan Installation Kit User Manual

For Models HV1.5, HR2.5, and HR2.6

Model Number: 15273

## INTRODUCTION

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This manual provides essential information for the proper installation, maintenance, and understanding of the Broan Installation Kit, Model 15273. This kit is specifically designed to facilitate the setup of Broan ventilation units, including models HV1.5, HR2.5, and HR2.6, ensuring optimal performance and longevity of your ventilation system. The kit includes a comprehensive set of components necessary for a complete and efficient installation. Please review all instructions and safety guidelines before beginning any installation procedures.

## PRODUCT OVERVIEW AND COMPONENTS

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The Broan Installation Kit (Model 15273) provides all the necessary parts for integrating your Broan ventilation unit into your home's ductwork. The components are designed for durability and ease of installation.



**Figure 1:** Image displaying all components included in the Broan Installation Kit, featuring various ducting materials, grilles, and

## Included Components:

- 4 x Clamp Collars (30") - Used for securing duct connections.
- 4 x Clamp Collars (24") - Used for securing duct connections.
- 1 x Outside Port Backplate - Provides a secure mounting surface for exterior ports.
- 1 x Dual Outside Port - Allows for two separate duct connections to the exterior.
- 1 x Outside Port Screen (3.8" x 7") - Prevents debris and pests from entering the system.
- 1 x Outside Port Screen (3.8" x 8.3") - Prevents debris and pests from entering the system.
- 2 x Whisper Registers (6") - Designed for quiet air distribution.
- 1 x IFT (Insulated Flexible Duct) 5" x 20 ft - Insulated ducting for thermal efficiency.
- 1 x NIFT (Non-Insulated Flexible Duct) 6" x 45 ft - Non-insulated ducting for general air transfer.
- 1 x Tandem Transition - Connects ducts of different sizes or configurations.
- 1 x Small Installation Bag - Contains various small parts and fasteners.

## SETUP AND INSTALLATION

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This kit provides the necessary components for the physical installation of Broan ventilation units HV1.5, HR2.5, and HR2.6. While specific installation steps will vary based on your ventilation unit's manual and your home's structure, the following general guidelines apply to the components provided in this kit:

1. **Ductwork Connection:** Utilize the provided flexible ducts (IFT and NIFT) to connect the ventilation unit to the outside ports and interior registers. Ensure all duct runs are as straight and short as possible to maximize airflow efficiency.
2. **Securing Connections:** Use the various sizes of clamp collars to securely fasten all duct connections. Proper sealing of connections is critical to prevent air leaks and maintain system efficiency.
3. **Exterior Port Installation:** Install the outside port backplate and dual outside port on the exterior of your home, ensuring a weather-tight seal. Insert the outside port screens to prevent the entry of insects, rodents, and debris while allowing proper airflow.
4. **Interior Register Placement:** Install the whisper registers in the designated interior locations. These registers are designed to provide quiet and efficient air distribution within the living space.
5. **Transition Pieces:** Employ the tandem transition piece as needed to connect ducts of different diameters or to adapt to specific installation requirements.
6. **Final Checks:** After all components are installed, visually inspect all connections for tightness and proper sealing. Ensure no ducts are kinked or obstructed.

*Always refer to the specific installation manual for your Broan ventilation unit (HV1.5, HR2.5, or HR2.6) for detailed, step-by-step instructions and safety precautions.*

## OPERATING THE SYSTEM

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The Broan Installation Kit provides the physical infrastructure for your ventilation system. The operation of the ventilation system itself (models HV1.5, HR2.5, or HR2.6) is governed by the controls and settings of the main ventilation unit. Once properly installed using this kit, the ventilation unit will function as designed, providing fresh air exchange and humidity control.

Refer to the user manual of your specific Broan ventilation unit for instructions on how to operate, program, and adjust its settings.

## MAINTENANCE

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Regular maintenance of your ventilation system components, including those from this installation kit, is crucial for optimal performance and longevity. While the kit components themselves require minimal maintenance, consider the following:

- **Outside Port Screens:** Periodically inspect and clean the outside port screens to remove any accumulated debris, leaves, or insect nests. This ensures unrestricted airflow and prevents blockages.
- **Ductwork Inspection:** Annually inspect visible sections of the flexible ductwork for any signs of damage, tears, or disconnections. Ensure all clamp collars remain tight and secure.
- **Registers:** Clean interior registers as needed to remove dust and maintain aesthetic appearance.
- **Professional Inspection:** Consider a professional inspection of your entire ventilation system every few years to ensure all components are functioning correctly and efficiently.

## TROUBLESHOOTING

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Most issues related to the installation kit components will manifest as airflow problems or unusual noises. Here are some common troubleshooting tips:

- **Reduced Airflow:** Check outside port screens for blockages. Inspect flexible ducts for kinks, crushes, or disconnections. Ensure all clamp collars are securely fastened.
- **Unusual Noises:** Verify that all duct connections are tight and that ducts are not vibrating against structural elements. Ensure registers are securely mounted.
- **Drafts or Air Leaks:** Re-inspect all connections, especially where ducts meet ports and registers, to ensure proper sealing. Apply additional sealant if necessary.

*If problems persist, consult the troubleshooting section of your main Broan ventilation unit's manual or contact Broan customer support.*

## SPECIFICATIONS

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Key specifications for the Broan Installation Kit, Model 15273:

Specification	Detail
Manufacturer	BROAN
Part Number	15273
Product Dimensions	61.47 x 46.23 x 45.97 cm
Item Model Number	15273
Item Weight	8.97 kg
Size	1 Kits
Color	Multi
Date First Available	May 15 2020

## WARRANTY INFORMATION

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The Broan Installation Kit (Model 15273) comes with a limited warranty. Please retain your proof of purchase for any warranty claims.

- **Warranty Period:** 30 DAYS from the date of purchase.

This warranty covers defects in material and workmanship under normal use. It does not cover damage resulting from improper installation, misuse, abuse, or unauthorized repairs. For full warranty terms and conditions, please refer to the documentation included with your product or contact Broan customer support.

## CUSTOMER SUPPORT

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For technical assistance, troubleshooting beyond the scope of this manual, or warranty inquiries, please contact Broan customer support.

Please have your product model number (15273) and proof of purchase ready when contacting support.

*Contact information for Broan can typically be found on their official website or on the packaging of your product.*