

DuraVent SPOMHNC3912

DuraVent 8-inch DuraTech Wall Thimble Instruction Manual

Model: SPOMHNC3912 | Brand: DuraVent

1. INTRODUCTION

This manual provides essential information for the proper installation and use of the DuraVent 8-inch DuraTech Wall Thimble. This product is designed for use with Class A chimney pipe systems, facilitating horizontal penetration through walls while maintaining required clearances and structural integrity. It is suitable for various heating appliances fueled by wood, oil, coal, or gas, including zero-clearance fireplaces.

The DuraTech system features a double-wall design with Thermal Tech blanket insulation, ensuring optimal safety and performance by keeping the outer wall cool and maintaining high flue gas temperatures for efficient draft.

2. SAFETY INFORMATION

Important: Installation of this product must be performed by a trained professional installer to ensure compliance with local building codes and safety standards. Improper installation can lead to fire hazards, carbon monoxide poisoning, and property damage.

- Always follow all local and national building and fire codes.
- Ensure proper clearances to combustible materials are maintained as specified by the chimney pipe manufacturer and local codes.
- Wear appropriate personal protective equipment (PPE) during installation, including gloves and eye protection.
- Inspect all components for damage before installation. Do not install damaged parts.
- Ensure all connections are secure and sealed according to manufacturer instructions.

3. COMPONENTS INCLUDED

The DuraVent 8-inch DuraTech Wall Thimble typically includes the following components:

- Telescoping wall thimble sections (adjusts for wall thickness)
- Interior trim ring (painted black)
- Exterior trim (available in 6" and 8" stainless steel, may be sold separately or included depending on specific model/kit)

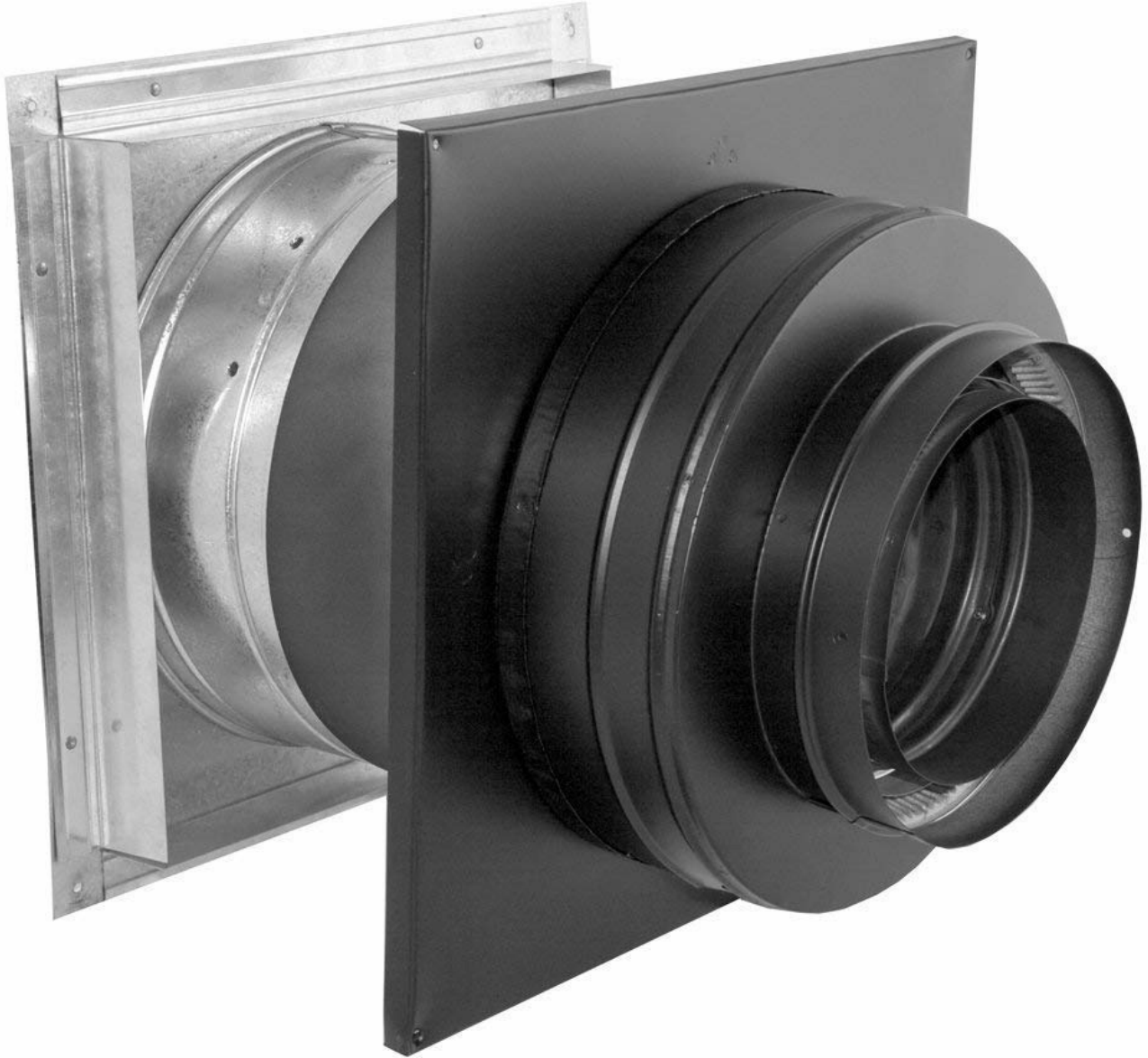


Figure 1: DuraVent 8-inch DuraTech Wall Thimble. This image shows the primary components of the wall thimble, designed to allow a chimney pipe to pass through a wall.

4. INSTALLATION INSTRUCTIONS

This wall thimble is designed for horizontal installation of DuraTech chimney pipe through a wall. Ensure all necessary tools and safety equipment are available before beginning installation.

1. **Prepare Wall Opening:** Create an appropriately sized opening in the wall, ensuring it accommodates the required clearances to combustibles as per local codes and DuraTech specifications. The wall thimble fits between standard wall studs.
2. **Adjust Wall Thimble:** The wall thimble adjusts from a minimum of 4 inches to a maximum of 10 inches wall

thickness. Extend the telescoping pieces to match your wall thickness. For walls thicker than 10 inches, the telescoping pieces can be extended up to 16 inches with a field-fabricated extension.

- 3. **Position Thimble:** Insert the wall thimble into the prepared wall opening. Ensure it is level and securely positioned.
- 4. **Install Chimney Pipe:** Install the DuraTech chimney pipe horizontally through the wall thimble. The pipe must extend at least 6 inches into the room beyond the interior wall.
- 5. **Secure Trim Rings:** Attach the interior trim ring (painted black) and the exterior trim (if applicable, 6" or 8" stainless steel) to finish the installation and cover the wall opening edges.
- 6. **Verify Clearances:** Double-check that all required clearances to combustible materials are maintained around the entire installation.

Note: Black painted DuraTech chimney pipe is available for aesthetic matching if desired.

5. OPERATION

The DuraVent Wall Thimble is a passive component of your chimney system. Its primary function is to provide a safe, insulated passage for the chimney pipe through a combustible wall, maintaining necessary clearances and preventing heat transfer. Once correctly installed, it requires no active operation.

The double-wall construction with Thermal Tech blanket insulation ensures that the outer wall of the chimney remains cool, while the inner flue maintains high temperatures for optimal draft performance of your heating appliance.

6. MAINTENANCE

Regular inspection and maintenance of your entire chimney system are crucial for safe and efficient operation. While the wall thimble itself requires minimal maintenance, consider the following:

- **Annual Inspection:** Have your entire chimney system, including the wall thimble, inspected annually by a qualified chimney professional.
- **Visual Check:** Periodically inspect the visible parts of the wall thimble for any signs of damage, corrosion, or gaps that may have developed.
- **Cleanliness:** Ensure that no debris or combustible materials accumulate around the thimble or chimney pipe.
- **Structural Integrity:** Verify that the wall around the thimble remains sound and that the thimble itself is securely in place.

7. TROUBLESHOOTING

As a static component, the wall thimble typically does not experience "operational" issues. Most problems related to a wall thimble stem from improper installation or damage.

- **Visible Gaps or Loose Fit:** If the thimble appears loose or has developed gaps, it may indicate improper installation or structural shifts. Re-evaluate the installation and secure the thimble. Consult a professional if necessary.
- **Heat Transfer to Combustibles:** If you detect excessive heat on adjacent combustible wall materials, this is a serious safety concern. Immediately cease use of the heating appliance and have the entire system inspected by a qualified professional to ensure proper clearances and insulation are maintained.
- **Corrosion or Damage:** Any signs of corrosion, dents, or other damage to the thimble components should prompt an inspection by a professional. Damaged components may compromise the safety and integrity of the chimney system.

8. SPECIFICATIONS

Model Number	SPOMH NK3912 (also known as 8DT-WT)
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Type	Class A Chimney Pipe Wall Thimble
Series	8" DuraTech
Adjustable Wall Thickness	4" to 10" (extendable up to 16" with field-fabricated extension)
Interior Trim Dimensions	16" x 16"
Exterior Trim Dimensions	16" x 16" (Note: 6" and 8" stainless steel exterior trim available)
Material	Galvanized (exterior), Black painted (interior trim)
Item Weight	6.9 pounds
Product Dimensions	20 x 20 x 8 inches (packaging/overall)
Manufacturer	DuraVent (formerly Simpson Dura-Vent)

9. WARRANTY AND SUPPORT

Warranty Notice: The DuraVent warranty applies to this professional-grade product only when installed by a trained professional installer. Improper installation by an unqualified individual may void the product warranty. For detailed warranty information, product support, or technical assistance, please contact DuraVent directly through their official website or customer service channels. Always refer to the official DuraVent documentation for the most current warranty terms and conditions.

DuraVent is a recognized technological leader in the venting industry, committed to designing safe and technologically advanced venting solutions.

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