

Modine 32161

Modine Manufacturing 32161 Horizontal Concentric Venting Kit User Manual

Model: 32161

1. PRODUCT OVERVIEW

The Modine 32161 Horizontal Concentric Venting Kit is designed for use with Modine gas-fired unit heaters. This kit facilitates the proper arrangement of tubing for both exhaust and combustion air intake in a concentric configuration.

Product Components

- 1 x Concentric Vent Kit Adapter Box
- 1 x Vent Pipe Terminal
- 1 x Combustion Air Pipe Terminal



Image: The Modine 32161 Horizontal Concentric Venting Kit, showing the adapter box, vent pipe terminal, and combustion air pipe terminal.

2. PRODUCT COMPATIBILITY

This venting kit is compatible with the following Modine gas-fired unit heater models:

- Modine HDS30 Unit Heaters
- Modine HDS45 Unit Heaters
- Modine HDS60 Unit Heaters
- Modine HDS75 Unit Heaters
- Modine HDC60 Unit Heaters
- Modine HDC75 Unit Heaters
- Modine HDC100 Unit Heaters
- Modine HDC125 Unit Heaters

- Modine PTS150 Unit Heaters
- Modine PTS175 Unit Heaters
- Modine PTS200 Unit Heaters
- Modine BTS150 Unit Heaters
- Modine BTS175 Unit Heaters
- Modine BTS200 Unit Heaters

3. SETUP AND INSTALLATION GUIDELINES

Installation of the Modine 32161 Horizontal Concentric Venting Kit should be performed by a qualified professional in accordance with all local and national building codes, as well as the specific instructions provided with your Modine unit heater.

Key Installation Considerations:

- **Ventilation Requirements:** Ensure adequate clearance and proper routing for both exhaust gases and fresh air intake.
- **Secure Connections:** All connections must be sealed and secured to prevent leaks and ensure efficient operation.
- **Proper Alignment:** The concentric vent kit adapter box must be correctly aligned with the unit heater's venting ports.
- **Terminal Placement:** Position the vent and combustion air pipe terminals to prevent obstruction and ensure proper airflow.
- **Inspection:** After installation, thoroughly inspect all connections and components for proper fit and function.

4. MAINTENANCE

Regular maintenance of your venting system is crucial for safe and efficient operation of your Modine unit heater. Perform visual inspections periodically and address any issues promptly.

Recommended Maintenance Tasks:

- **Visual Inspection:** Annually inspect the entire venting system for signs of corrosion, damage, or blockages.
- **Terminal Cleaning:** Ensure the vent and combustion air pipe terminals are free from debris, leaves, snow, or insect nests.
- **Seal Integrity:** Check all seals and connections for any signs of deterioration or leaks.
- **Structural Support:** Verify that the venting system is adequately supported and securely fastened.

If any issues are identified, consult a qualified service technician for repair or replacement.

5. TROUBLESHOOTING

This section provides general guidance for common issues related to the venting system. For complex problems or issues with the unit heater itself, refer to the heater's specific manual or contact a qualified technician.

Common Issues and Solutions:

- Reduced Heater Performance:**
Possible Cause: Partially blocked vent or air intake.
Solution: Inspect and clear any obstructions from the vent and combustion air pipe terminals.
- Unusual Odors:**
Possible Cause: Exhaust gas leakage.
Solution: Immediately shut down the unit heater. Inspect all vent connections for leaks and ensure they are properly sealed. Contact a professional for repair.
- Visible Damage to Venting:**
Possible Cause: Physical impact or corrosion.
Solution: Do not operate the unit heater if the venting system is visibly damaged. Replace damaged components immediately.

6. SPECIFICATIONS



Attribute	Value
Model Number	32161
Item Weight	4 Pounds
Manufacturer	Modine Parts
First Available	May 15, 2012

7. WARRANTY AND SUPPORT

For information regarding the warranty of the Modine 32161 Horizontal Concentric Venting Kit, please refer to the documentation provided with your Modine unit heater or contact Modine Manufacturing directly. Modine provides comprehensive support for its products.

For technical assistance, replacement parts, or service inquiries, please visit the official Modine website or contact their customer service department. Always provide your product model number (32161) and any relevant serial numbers when seeking support.

Related Documents - 32161

	<p>Modine 6-466.1: Installation & Maintenance for 3-Inch Single Wall Stainless Steel Venting Systems (Category III Gas Appliances)</p> <p>Detailed installation and maintenance guide for Modine's 6-466.1 3-inch single-wall stainless steel venting system. Covers safety, proper assembly, condensate handling, and support for Category III gas appliances.</p>
	<p>Modine Gas-Fired Unit Heaters: HDS, HDC, PTX, BTX - Catalog and Specifications</p> <p>This document provides comprehensive details on Modine's Gas-Fired Separated Combustion Unit Heaters (HDS, HDC) and Dual Rated Venting Unit Heaters (PTX, BTX). It covers design features, performance data, unit selection procedures, dimensional data, specifications, and available accessories for these HVAC solutions.</p>
	<p>Modine MDB/MRB, QDB/QRB Direct-Fired Make-Up Air Units: Installation and Service Manual</p> <p>Comprehensive installation and service manual for Modine MDB/MRB and QDB/QRB direct-fired make-up air units. Covers safety, installation, operation, maintenance, and troubleshooting for industrial HVAC applications.</p>
	<p>Modine Electric Unit Heaters for Standard Washdown and Hazardous Locations</p> <p>Comprehensive guide to Modine's range of electric unit heaters, including HER, VE, PTE, HEX (explosion-proof), and MEW (washdown) models. Covers features, specifications, performance data, unit selection, and accessories for industrial, commercial, and hazardous environments.</p>
	<p>Modine HD & HDB Gas-Fired Unit Heaters: Installation and Service Manual</p> <p>Comprehensive installation and service manual for Modine HD and HDB series gas-fired unit heaters. Covers safety, installation, operation, troubleshooting, and specifications for models HD and HDB.</p>



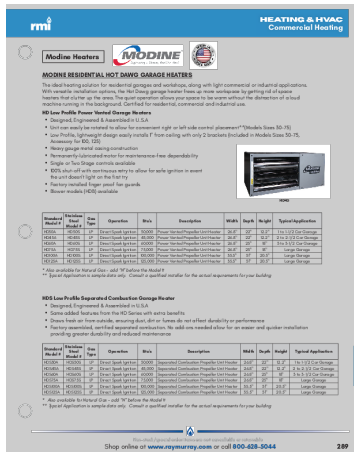
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5-594.11 5H0768560001 December, 2023 INSTALLATION AND SERVICE MANUAL indirect gas-fired indoor separ ... Vented Units Refer to Figure 16.2 : Model Size

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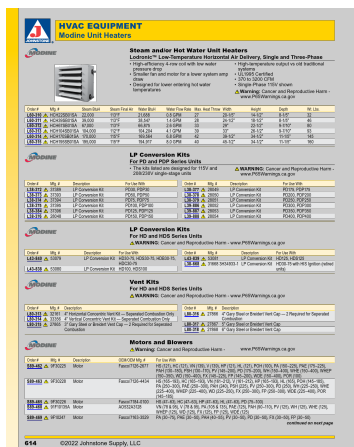


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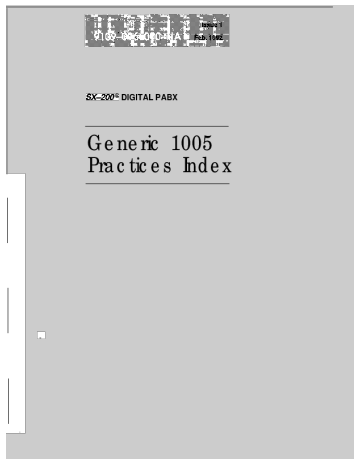


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