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Wright Products V152-Parent

Wright Products Heavy-Duty Pneumatic Storm Door Closer (Modern Aluminum)

Instruction Manual - Model V152-Parent



1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, adjustment, and maintenance of your Wright Products Heavy-Duty Pneumatic Storm Door Closer, Modern Aluminum (Model V152-Parent). This product is designed to provide controlled closing for out-swinging medium-to-heavy weight storm or security doors, ensuring quiet operation and convenience.

2. SAFETY INFORMATION

Please read and understand all instructions before installation and use. Failure to follow these instructions may result in injury or product damage.

- Always wear appropriate safety gear, including eye protection, during installation.
- Ensure the door is securely supported during installation to prevent accidental movement.
- Do not attempt to disassemble the closer cylinder, as it contains pressurized components.
- Keep hands and fingers clear of moving parts during door operation.
- This product is intended for residential storm doors only.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation.

- Heavy-Duty Pneumatic Door Closer Cylinder
- Adjustable Door Bracket
- Jamb Bracket
- Hold-Open Washer
- Mounting Screws (various sizes)

- Connecting Pin

Parts



All Installation Hardware Included

84000_V152_PARTS_REV A

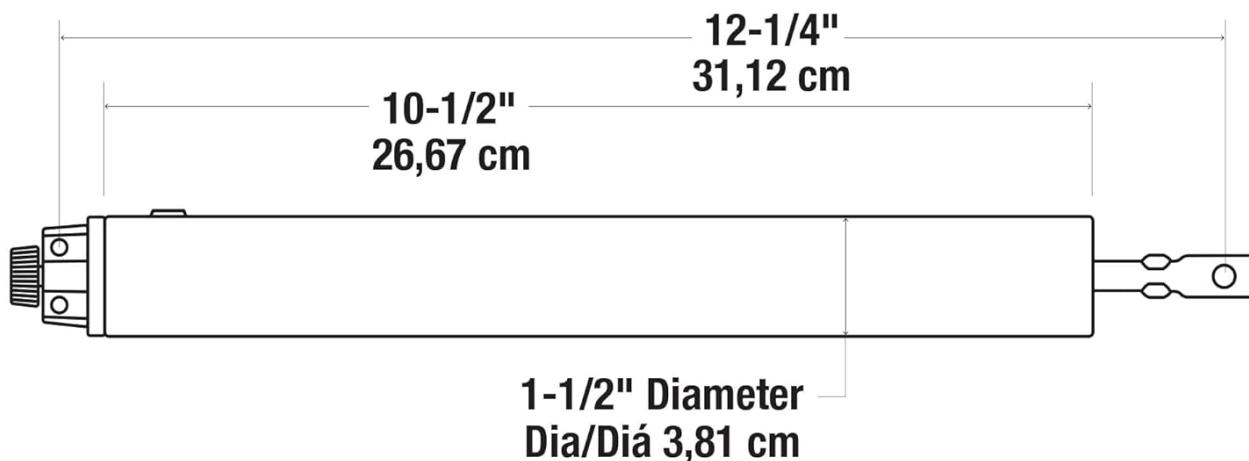
Image: All components of the Wright Products Heavy-Duty Pneumatic Storm Door Closer, including the cylinder, brackets, screws, and pin, laid out on a white background.

4. SPECIFICATIONS

Feature	Detail
Model Number	V152-Parent
Installation Type	Screw-In
Recommended Use	Residential storm doors
Material	Aluminum
Color	Aluminum

Item Weight	1.23 pounds
Product Dimensions (L x W x H)	2 x 3.88 x 15.75 inches
Cylinder Length (unextended, center hole to center hole)	12-1/4 inches (31.12 cm)
Tube Length	10-1/2 inches (26.67 cm)
Tube Diameter	1-1/2 inches (3.81 cm)

Dimensions



84000_V152_DIMENSIONS_REV4

Image: Technical diagram illustrating the length (12-1/4 inches / 31.12 cm unextended, 10-1/2 inches / 26.67 cm tube length) and diameter (1-1/2 inches / 3.81 cm) of the door closer.

5. INSTALLATION

This door closer is designed for simple DIY installation and is compatible with most storm doors. Follow these steps for proper setup:

1. **Determine Mounting Location:** The closer is typically mounted at the top or bottom of the door. Ensure there

is sufficient space for the closer to operate freely.

2. **Attach Jamb Bracket:** Secure the jamb bracket to the door frame using the provided screws. Ensure it is level and positioned correctly for the closer's reach.
3. **Attach Adjustable Door Bracket:** Mount the adjustable door bracket to the door. This bracket is designed to fit existing drill holes if replacing an old closer. If it's a new installation, mark and drill pilot holes.
4. **Connect Closer to Jamb Bracket:** Extend the closer rod and attach the end to the jamb bracket using the connecting pin.
5. **Connect Closer to Door Bracket:** With the door closed, align the closer cylinder with the adjustable door bracket. Insert the connecting pin to secure the closer to the door bracket.
6. **Test Operation:** Slowly open and close the door to ensure smooth movement and proper engagement of the closer.



Image: The aluminum pneumatic storm door closer is shown installed at the top of a white storm door, connecting the door frame to the door panel.

6. OPERATION

The Wright Products Heavy-Duty Pneumatic Storm Door Closer provides controlled closing for your storm door. When the door is opened, the pneumatic cylinder extends, and as the door closes, the air pressure within the cylinder regulates the closing speed, preventing slamming.

Hold-Open Feature

To engage the hold-open feature, open the door to your desired position. Slide the integrated hold-open washer down the closer rod until it rests against the cylinder body. This will keep the door open. To release, simply push the door slightly further open, and the washer will disengage, allowing the door to close.

7. ADJUSTMENT

The closer offers several adjustment options to customize its performance.

Closing Speed Control

The closing speed can be adjusted using the thumbscrew dial located at the end of the closer cylinder. Turning the thumbscrew clockwise will decrease the closing speed (slower close), while turning it counter-clockwise will increase the closing speed (faster close). Adjust incrementally until the desired closing speed is achieved, ensuring the door latches securely without slamming.

Seasonal Adjustment

For optimal performance with different door panels (glass or screen), the closer features seasonal adjustment points. The top hole on the closer is typically used for winter settings with a glass panel, providing more resistance. The bottom hole is for summer settings with a screen panel, offering less resistance. Adjust the connecting pin on the jamb bracket to the appropriate hole based on your door's configuration.

Features



SPEED CONTROL

Easy-to-use thumbscrew dial that requires no tools



SEASONAL ADJUSTMENT

Top hole for winter setting with glass panel and bottom hole for summer setting with screen panel

HOLD OPEN WASHER

Keep door open to desired position at various angles

ADJUSTABLE DOOR BRACKET

Fit in existing drill holes

8. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your door closer.

- **Cleaning:** Periodically wipe down the closer cylinder and brackets with a soft, damp cloth to remove dust and debris. Avoid abrasive cleaners.
- **Lubrication:** The internal spring is lubricated from the factory. No additional internal lubrication is typically required. If the rod appears dry or sticky, a small amount of silicone spray lubricant can be applied to the rod, avoiding the cylinder opening.
- **Check Fasteners:** Annually inspect all mounting screws and pins to ensure they are tight and secure. Tighten any loose fasteners.
- **Inspect for Damage:** Check the closer for any signs of wear, bending, or damage. Replace the unit if significant damage is observed.

9. TROUBLESHOOTING

If you encounter issues with your door closer, refer to the following common problems and solutions:

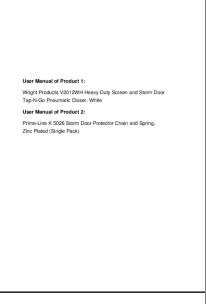
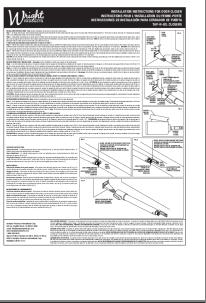
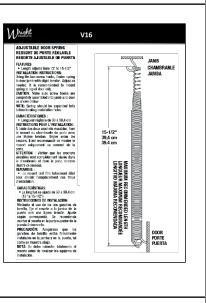
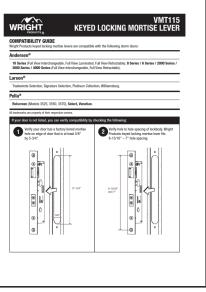
- **Door Slams Shut:**
 - Turn the speed adjustment thumbscrew clockwise to slow down the closing speed.
 - Ensure the seasonal adjustment is set correctly for your door panel (glass/screen).
- **Door Does Not Close Fully or Latch:**
 - Turn the speed adjustment thumbscrew counter-clockwise to increase the closing speed.
 - Check for obstructions around the door or hinges.
 - Verify that the closer is mounted securely and not binding.
- **Door Opens Too Easily or Too Slowly:**
 - This closer is designed for heavy-duty use. If the door feels too light, ensure the seasonal adjustment is appropriate.
 - Check for proper installation and alignment.
- **Squeaking or Noisy Operation:**
 - Apply a small amount of silicone spray lubricant to the closer rod.
 - Check for loose mounting screws or misaligned brackets.

10. WARRANTY AND SUPPORT

Wright Products stands behind the quality of its products. For specific warranty details, please refer to the documentation included with your purchase or visit the official Wright Products website. For technical support or assistance with installation, please contact Wright Products customer service.

You can find more information and contact details on the [Wright Products Store](#).

Related Documents - V152-Parent

 <p>User Manual of Product 1: Wright Products V2012WH Heavy Duty Screen and Storm Door Tap-N-Go Pneumatic Closer White</p> <p>User Manual of Product 2: Prime-Line K-5026 Storm Door Protector Chain and Spring Zinc Plated (Single Pack)</p>	<p>Wright Products V2012WH Door Closer & Prime-Line K-5026 Door Stop Installation Guides</p> <p>This document contains installation and operating instructions for two distinct products: the Wright Products V2012WH Heavy Duty Screen and Storm Door Tap-N-Go Pneumatic Closer, and the Prime-Line K-5026 Storm Door Protector Chain and Spring. The primary HTML content focuses on the Wright Products V2012WH closer, detailing its installation, operation, and warranty.</p>
 <p>Wright Products TAP-N-GO® Door Closer Installation Guide</p>	<p>Official installation and operating instructions for Wright Products TAP-N-GO® door closers, covering mounting, adjustments, and warranty details.</p>
 <p>Wright Products 23/4" Self-Closing Screen Door Hinge Installation Guide (V221)</p>	<p>Comprehensive installation guide for the Wright Products V221 23/4" self-closing screen door hinge. This document details the necessary tools and provides clear, step-by-step instructions for proper installation, including important notes. Content is merged into English for clarity.</p>
 <p>Wright Products V650ZP Adjustable Self-Closing Screen Door Hinges Installation Guide</p>	<p>Installation guide for Wright Products V650ZP adjustable self-closing screen door hinges. Covers tools, mounting, and tension adjustment for screen doors.</p>
 <p>Wright Products V16 Adjustable Door Spring Installation Guide</p>	<p>Installation instructions and features for the Wright Products V16 adjustable door spring, designed for screen and storm doors. Learn how to properly mount and adjust the spring for optimal performance.</p>
 <p>Wright Products VMT115 Keyed Locking Mortise Lever Compatibility Guide</p>	<p>Check compatibility for Wright Products VMT115 keyed locking mortise levers with Andersen, Larson, and Pella storm doors. Includes essential measurements for door preparation, such as mortise hole size, hole spacing, and backset.</p>