

Wright Products V820

Wright Products V820 Pneumatic Closer User Manual

Model: V820 | Brand: Wright Products

1. INTRODUCTION

The Wright Products V820 Pneumatic Closer is a light-duty door closer designed for out-swinging storm, home, or security doors. It utilizes air pressure to provide a controlled closing motion, preventing doors from slamming shut. This closer is suitable for both wood and metal doors and offers adjustable closing speed and latching power.

Key features include:

- Designed for light to medium weight out-swinging doors.
- Adjustable closing speed and latching power.
- Full 90-degree opening capability.
- Includes a two-hold end plug for seasonal adjustments (summer/winter).
- Factory lubricated for smooth operation.

2. SAFETY INFORMATION

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

- Always wear appropriate safety gear, such as safety glasses, during installation.
- Ensure the door is securely supported during installation to prevent accidental movement.
- Keep small parts and tools out of reach of children.
- Do not attempt to modify the door closer. Use only original replacement parts if needed.
- Verify that the door closer is securely fastened before regular use.

3. PACKAGE CONTENTS

The package for the Wright Products V820 Pneumatic Closer typically includes the following components:

- Pneumatic Door Closer Unit
- Mounting Brackets (Door and Frame)
- Mounting Screws
- Pin for Hold-Open Function





Figure 3.1: All components included with the V820 Pneumatic Closer, including the main closer unit, mounting brackets, screws, and pin.

4. INSTALLATION INSTRUCTIONS

The V820 Pneumatic Closer is designed for screw-in installation on out-swinging wood or metal doors that are 3/4-inch to 1 1/4-inch thick. All necessary hardware is included.

4.1. Pre-Installation Checks

- Ensure your door is compatible with the closer's specifications.
- Verify that all components listed in Section 3 are present.

Measure For Fit

Light Duty Pneumatic Door Closer



V820

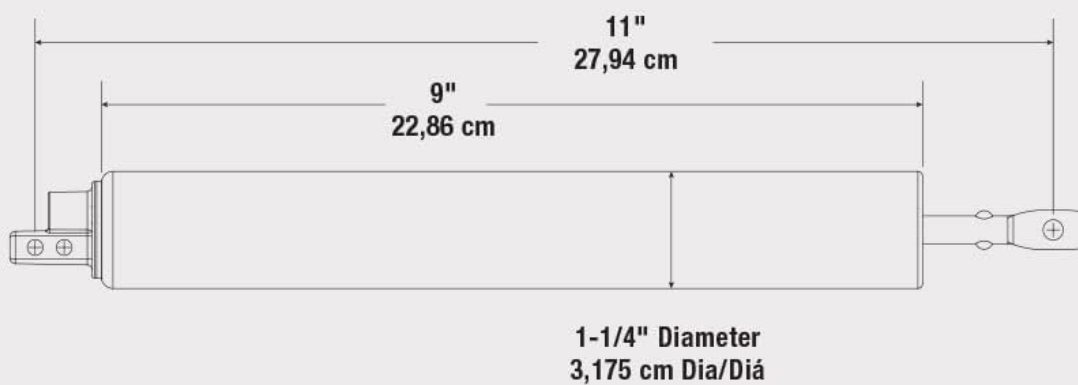


Figure 4.1: Diagram illustrating the dimensions of the V820 closer for proper fitment. The closer is 11 inches (27.94 cm) long when fully extended, with a 1 1/4 inch (3.175 cm) diameter.

COMPATIBILITY

- Easy installation
- For out swinging wood or metal doors 3/4-Inch to 1 1/4-Inch thick
- Seasonal latching adjustment. Option to switch between a glass or screen insert



Figure 4.2: Compatibility details for the V820 closer, highlighting easy installation and suitability for out-swinging wood or metal doors 3/4-inch to 1 1/4-inch thick, with seasonal latching adjustment.

4.2. Mounting the Closer

1. Position the closer: Determine the optimal placement on your door and frame. The closer is typically mounted at the top of the door.
2. Attach the door bracket: Secure the smaller bracket to the door using the provided screws. Ensure it is level and firmly attached.
3. Attach the frame bracket: Secure the larger bracket to the door frame, aligning it with the door bracket.
4. Connect the closer: Attach the pneumatic closer unit to both the door and frame brackets using the pins.



Figure 4.3: An installed V820 pneumatic door closer, demonstrating proper alignment and attachment to both the door and frame.



Figure 4.4: A closer view of the V820 closer installed, showing the connection points and the overall subtle appearance.

5. OPERATION AND ADJUSTMENT

The V820 closer allows for easy adjustment of closing speed and features a seasonal latching option.

5.1. Adjusting Closing Speed

To adjust the closing speed, locate the screw at the end of the pneumatic tube. Turning the screw clockwise will decrease the closing speed (slower), and turning it counter-clockwise will increase the closing speed (faster). Make small adjustments and test the door's closing action until desired speed is achieved.



Figure 5.1: The adjustment screw located at the end of the pneumatic tube, used to control the door's closing speed.

5.2. Seasonal Latching Adjustment

The closer includes a two-hold end plug for seasonal latching adjustment. This feature allows you to switch between a glass or screen insert, optimizing the closer's performance for different door configurations throughout the year.

5.3. Hold-Open Function

To hold the door open, fully extend the closer arm and insert the provided pin into the designated hole on the closer rod. To release, remove the pin and allow the door to close.

6. CARE AND MAINTENANCE

The Wright Products V820 Pneumatic Closer is factory lubricated and designed for long-lasting performance with minimal maintenance.

- **Cleaning:** Wipe the closer unit periodically with a soft, damp cloth to remove dust and grime. Avoid abrasive cleaners.
- **Inspection:** Regularly check all mounting screws and brackets to ensure they remain tight and secure. Tighten any loose screws immediately.
- **Lubrication:** The closer is factory lubricated and generally does not require additional lubrication. If operation becomes stiff, consult the manufacturer's support.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Door slams shut.	Closing speed is set too fast.	Adjust the closing speed screw (clockwise) to slow down the closing action. Refer to Section 5.1.
Door does not close fully.	Closing speed is set too slow; obstruction; loose mounting.	Adjust the closing speed screw (counter-clockwise) to increase speed. Check for obstructions. Ensure all mounting screws are tight.
Closer is noisy.	Loose mounting screws; internal issue.	Check and tighten all mounting screws. If noise persists, contact manufacturer support.
Door does not stay open.	Hold-open pin not properly engaged or missing.	Ensure the hold-open pin is fully inserted into the rod. Replace if lost.

8. SPECIFICATIONS

Feature	Detail
Model Number	V820
Brand	Wright Products
Material	Aluminum
Color	Aluminum
Installation Type	Screw-In
Recommended Use	For out-swinging light to medium weight doors
Product Dimensions	2 x 1 x 1 inches (unextended length 12-5/8 inches, diameter 1-1/2 inches)
Item Weight	13.7 ounces
Opening Angle	Full 90 degrees
Special Features	Adjustable closing speed, adjustable latching power, two-hold end plug for seasonal use, factory lubricated.

Identify Your Closer By Model Number

Light Duty Pneumatic Door Closer



V820

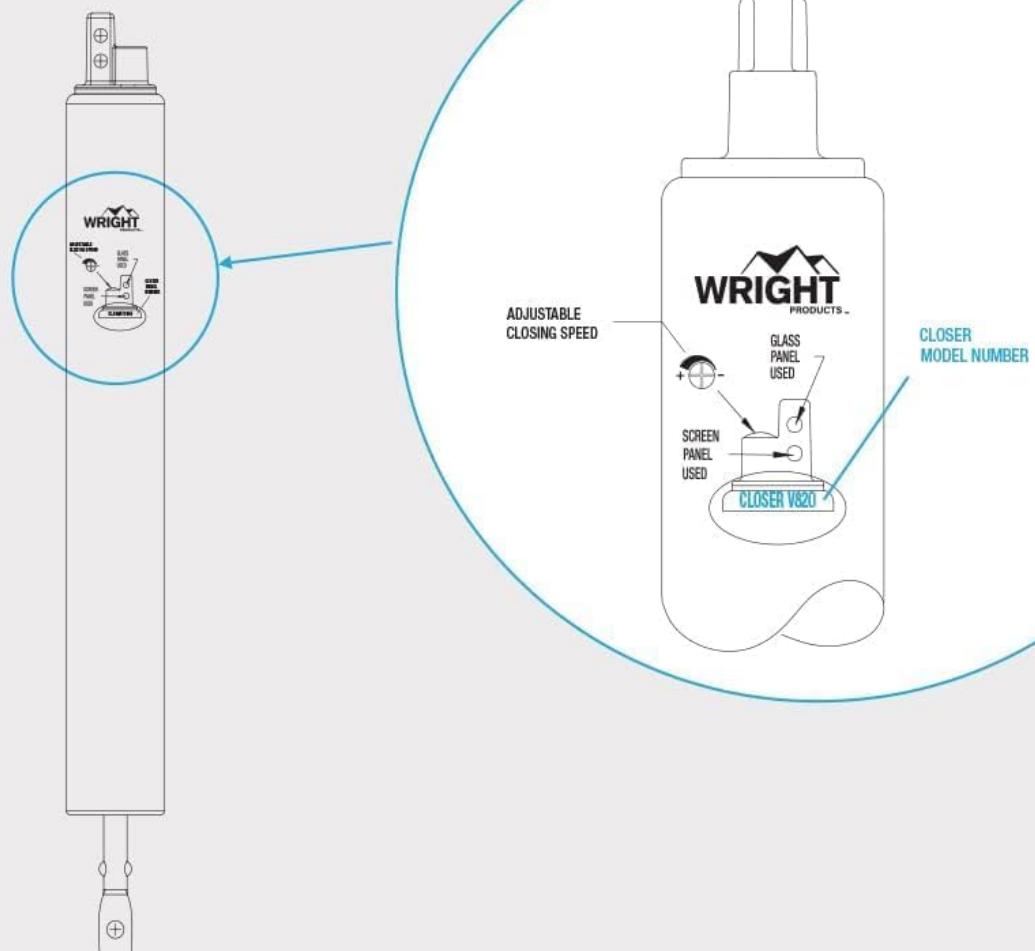


Figure 8.1: Illustration showing the location of the model number (V820) and adjustable closing speed indicator on the closer unit.

9. WARRANTY AND SUPPORT

Warranty information for the Wright Products V820 Pneumatic Closer is typically provided with the product packaging or can be found on the official Wright Products website. Please retain your proof of purchase for warranty claims.

For technical support, replacement parts, or further inquiries, please contact Wright Products directly through their official customer service channels. Visit the [Wright Products Store](#) for more information.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question