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› FORTSTRONG FS-1306 Lightweight Automatic Door Closer Instruction Manual

## FORTSTRONG FS-1306

# FORTSTRONG FS-1306 Lightweight Automatic Door Closer Instruction Manual

## 1. PRODUCT OVERVIEW

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The FORTSTRONG FS-1306 is a lightweight hydraulic automatic door closer designed for residential and light commercial applications. It provides controlled closing of doors, preventing slamming and ensuring secure closure. This model is UL listed and suitable for doors weighing up to 100 pounds. Its versatile design allows for installation on both left and right-handed opening doors.

## Rotating Control Shaft

Light open & close.



EASY OPEN

## Multi-purpose Design

Works for left/right opening doors.

## ADC12 Aluminum

Super strong.



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**\*Installation Template Included**  
For hassle free installation.

Image 1.1: Overview of the FORTSTRONG FS-1306 door closer, highlighting the rotating control shaft for light opening and closing, multi-purpose design for left/right doors, and ADC12 Aluminum construction. An installation template is included.

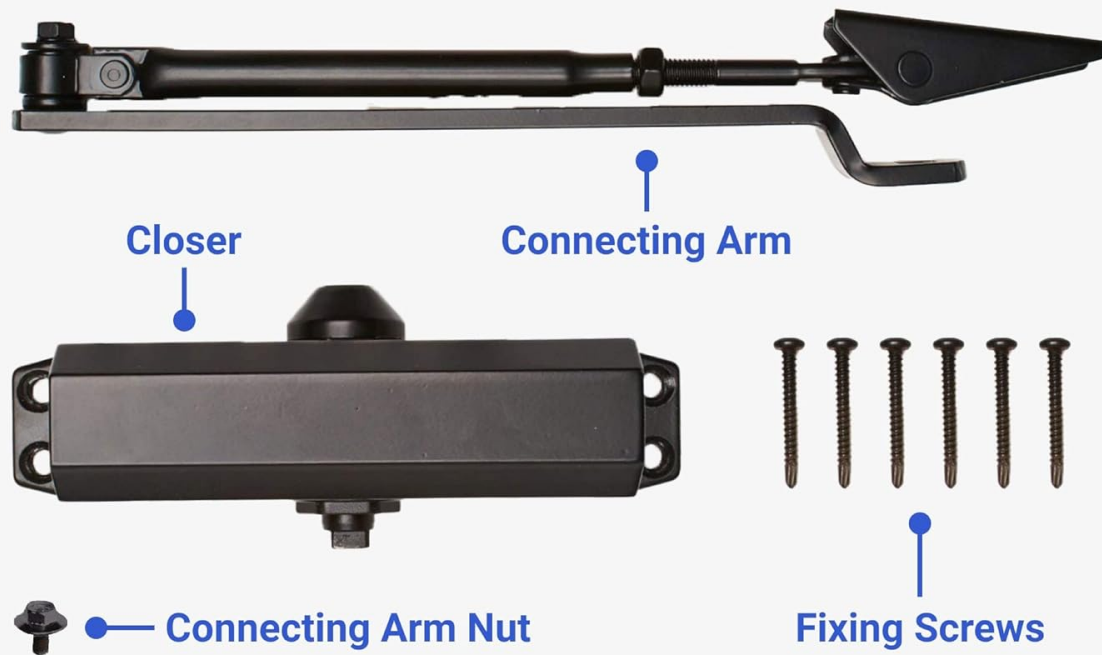
## 2. PRODUCT FEATURES

- **UL Listed:** Tested and certified for safety and performance.
- **Door Weight Capacity:** Suitable for doors up to 100 pounds.
- **Versatile Application:** Compatible with metal, wood, and fiberglass doors.
- **Ambidextrous Design:** Works for both left and right-handed door closures.
- **Consistent Performance:** Engineered for reliable and secure closing over time.
- **Energy Efficient:** Helps keep doors securely closed to save energy.
- **Durable Construction:** Made with sturdy ADC12 aluminum.

## 3. WHAT'S IN THE BOX

The complete package includes all necessary hardware for installation.

## What's In the Box



### Easy to install – All you need is:

- Tape Measure
- Pencil
- Protective Eyewear
- Phillips screwdriver
- Drill
- 1/8' drillbit

Image 3.1: Contents of the box, including the door closer unit, connecting arm, connecting arm nut, and fixing screws. Also listed are required tools for installation.

#### Package Contents:

- Door Closer Unit
- Connecting Arm
- Connecting Arm Nut
- Fixing Screws

#### Tools Required for Installation (Not Included):

- Tape Measure
- Pencil
- Protective Eyewear
- Phillips Screwdriver
- Drill
- 1/8" Drill Bit

## 4. SETUP AND INSTALLATION

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The FS-1306 door closer is designed for horizontal installation. An installation template is included to assist with precise mounting. Ensure the door is compatible (wood, metal, or fiberglass, up to 100 lbs) before proceeding.

### Installation Steps:

1. **Prepare the Door and Frame:** Identify the desired mounting location on the door and door frame. The closer unit is typically mounted on the door, and the connecting arm assembly on the frame.
2. **Use the Template:** Position the provided installation template according to your door's swing direction (left or right-handed). Mark the drilling points accurately with a pencil.
3. **Drill Pilot Holes:** Using a drill with a 1/8" drill bit, carefully drill pilot holes at the marked locations. Wear protective eyewear during this step.
4. **Mount the Closer Unit:** Secure the main door closer unit to the door using the provided fixing screws.
5. **Assemble and Mount the Connecting Arm:** Attach the connecting arm to the door frame using the remaining fixing screws. Connect the arm to the closer unit using the connecting arm nut. Ensure all connections are secure.
6. **Initial Check:** Gently open and close the door to ensure smooth movement and proper engagement of the closer. Do not force the door if resistance is excessive.

*Note: For optimal performance and to avoid excessive opening force, ensure the arm is positioned correctly. Refer to the installation template for specific measurements.*

## 5. OPERATING INSTRUCTIONS

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Once installed, the FORTSTRONG FS-1306 door closer will automatically close the door after it has been opened. The hydraulic mechanism ensures a controlled and smooth closing action, preventing the door from slamming shut. The rotating control shaft is designed to allow for light opening and closing.

### General Operation:

- To open the door, apply gentle pressure. The closer is designed for easy opening.
- Upon release, the door will begin to close automatically.
- The closing speed and latching speed can be adjusted to suit your preference (refer to Section 6).

## 6. ADJUSTMENT

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The FS-1306 door closer features adjustable speed and latch regulation to customize the closing action of your door.

**Fully  
adjustable**

### **Speed Regulation**

Control the speed of your door's swing.



### **Latch Regulation**

Control the speed of your door's closure.

Suitable for horizontal installation only.



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Image 6.1: Close-up view of the door closer unit, showing the speed regulation and latch regulation adjustment screws.

### **Adjustment Procedures:**

- **Speed Regulation:** This control adjusts the overall speed of the door's swing from its fully open position until it is close to the frame. Turn the speed regulation screw clockwise to decrease speed (slower closing) and counter-clockwise to increase speed (faster closing). Make small adjustments and test the door's closing action after each turn.
- **Latch Regulation:** This control adjusts the speed of the door's final closing action, typically the last few inches before the door latches. This helps prevent slamming. Turn the latch regulation screw clockwise to decrease latching speed and counter-clockwise to increase latching speed. Adjust this to ensure the door closes firmly without slamming.

*Caution: Do not over-tighten or loosen adjustment screws excessively, as this may damage the hydraulic mechanism or cause fluid leakage. Always make small, incremental adjustments.*

## **7. MAINTENANCE**

Regular maintenance ensures the longevity and optimal performance of your FORTSTRONG FS-1306 door closer.

- **Cleaning:** Periodically wipe down the door closer unit with a soft, damp cloth to remove dust and grime. Avoid using abrasive cleaners or solvents.
- **Check Fasteners:** Annually inspect all mounting screws and the connecting arm nut to ensure they are tight. Re-tighten if necessary to prevent loosening over time.
- **Lubrication:** The hydraulic mechanism is sealed and does not require internal lubrication. Do not attempt to open the main unit.
- **Inspect for Damage:** Check for any signs of wear, damage, or fluid leakage. If any issues are observed, contact customer support.

## 8. TROUBLESHOOTING

This section addresses common issues you might encounter with your door closer.

Problem	Possible Cause	Solution
Door slams shut	Latching speed is too fast.	Adjust the latch regulation screw (refer to Section 6) by turning it clockwise in small increments to slow down the final closing speed.
Door closes too slowly or not fully	Closing speed is too slow or latching speed is too slow.	Adjust the speed regulation screw (refer to Section 6) counter-clockwise to increase closing speed. If the door still doesn't latch, adjust the latch regulation screw counter-clockwise.
Door is difficult to open	Closer tension is too high or arm position is incorrect.	Ensure the connecting arm is installed according to the template. If the arm is too close to the closer unit, it increases opening resistance. Re-check installation or consult the template.
Hydraulic fluid leakage	Damaged seal or internal component.	Discontinue use immediately. This indicates a fault with the unit. Contact FORTSTRONG customer support for assistance. Do not attempt to repair.
Screws are loose or popping out	Improper installation or excessive stress on mounting points.	Ensure pilot holes were drilled correctly and screws are appropriate for the door material. Re-tighten screws. If the problem persists, the mounting points may be compromised, requiring repair to the door/frame or relocation of the closer.

## 9. SPECIFICATIONS

Key technical specifications for the FORTSTRONG FS-1306 Lightweight Automatic Door Closer.

## FS-1306B Lite Dimensions



\*Suitable for doors up to 100lbs.



Image 9.1: Detailed dimensions of the FS-1306B Lite door closer unit and arm assembly.

Specification	Detail
Model Number	FS-1306
Material	Alloy Steel, Aluminum (ADC12)
Color	Black
Exterior Finish	Aluminum
Product Dimensions (L x W x H)	5.75" x 1.54" x 2.3"
Item Weight	1.48 Kilograms
Installation Type	Screw-In, Horizontal
Specification Met	ADA, UL

Specification	Detail
UPC	810069953373
Manufacturer	FORTSTRONG

## 10. WARRANTY AND SUPPORT

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FORTSTRONG stands behind the quality of its products.

### Warranty Information:

This FORTSTRONG FS-1306 Automatic Door Closer includes a **2-year product warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

### Customer Support:

For technical assistance, warranty claims, or any questions regarding your FORTSTRONG product, please contact our customer support team. Refer to the contact information provided with your purchase or visit the official FORTSTRONG website.