

Yale P-YSMDC

Yale P-YSMDC Surface Mounted Door Closer Instruction Manual

Model: P-YSMDC

1. PRODUCT OVERVIEW

The Yale P-YSMDC Surface Mounted Door Closer is designed to provide automatic closure for doors weighing up to 50 kg. This spring-loaded unit features an adjustable tensioner, allowing for controlled door closing speed. It is suitable for both left and right-hand opening doors and has been successfully tested to BS EN 1634-1 for fire door applications.

This door closer is ideal for various applications, including commercial and public buildings, offices, storage rooms, and residential use where automatic door closure is desired, such as garage doors or main entrances.



Figure 1: Yale P-YSMDC Door Closer components. This image displays the main door closer unit, the arm, and the tension adjustment pin, all in a white finish.

2. SAFETY INFORMATION

- Ensure all fixings are securely tightened to prevent accidental detachment.
- Do not attempt to disassemble the main spring mechanism, as it is under tension.
- Keep hands clear of moving parts during operation and adjustment.
- This product is designed for doors up to 50 kg. Do not use on heavier doors.
- If used on a fire door, ensure installation complies with local fire safety regulations and maintains the door's fire rating.

3. INSTALLATION INSTRUCTIONS

The Yale P-YSMDC door closer is designed for surface mounting and is suitable for both left and right-hand opening doors. Follow these steps for proper installation:

1. **Determine Mounting Position:** The main body of the door closer should be mounted on the door frame, and the arm on the door itself, or vice-versa, depending on the desired closing action and door type. Ensure sufficient clearance for the arm's movement.
2. **Mark Fixing Points:** Hold the door closer body in the desired position on the door frame. Use a pencil to mark the screw holes. Repeat for the arm bracket on the door.
3. **Drill Pilot Holes:** Drill pilot holes at the marked positions. Use an appropriate drill bit size for your screws and door material.
4. **Attach Door Closer Body:** Secure the main door closer body to the door frame using the provided screws.
5. **Attach Arm Bracket:** Secure the arm bracket to the door using the provided screws.
6. **Connect Arm:** Attach the door closer arm to the main body and the arm bracket. Ensure all connections are firm.
7. **Adjust Tension:** Refer to Section 4 for instructions on adjusting the spring tension.

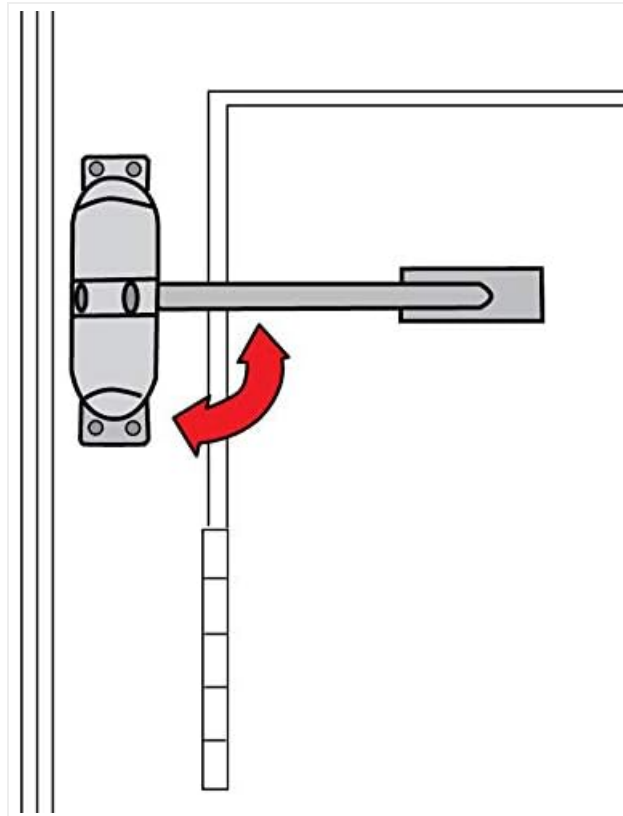


Figure 2: Installation diagram illustrating the typical mounting position of the door closer on the door frame and the arm on the door, with an arrow indicating the closing direction.

4. OPERATING AND ADJUSTMENT

The Yale P-YSMDC door closer is designed for automatic door closure. The closing speed and force can be adjusted using the integrated tensioner.

4.1. Adjusting Spring Tension

- Locate the tension adjustment mechanism on the main body of the door closer. This typically involves a pin or screw that engages with the spring.
- To increase closing force/speed, turn the adjustment mechanism clockwise.
- To decrease closing force/speed, turn the adjustment mechanism counter-clockwise.
- Test the door's closing action after each adjustment. Ensure the door closes fully and smoothly without slamming or leaving a gap.
- Do not over-tighten or loosen the tensioner beyond its designed limits.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Yale P-YSMDC door closer.

- **Cleaning:** Periodically wipe the door closer body and arm with a soft, damp cloth to remove dust and dirt. Avoid abrasive cleaners.
- **Inspection:** Annually inspect all mounting screws and connections to ensure they remain tight. Re-tighten if necessary.
- **Lubrication:** The internal mechanism is factory-lubricated and generally does not require additional lubrication. If squeaking occurs, a small amount of silicone-based lubricant can be applied to pivot points, avoiding the main spring mechanism.
- **Functionality Check:** Regularly check the door's closing action to ensure it operates smoothly and closes completely. Adjust tension if needed (refer to Section 4.1).

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Door does not close fully.	Insufficient spring tension; obstruction; incorrect installation.	Increase spring tension (Section 4.1); remove obstruction; check installation alignment.
Door closes too fast/slams.	Excessive spring tension.	Decrease spring tension (Section 4.1).
Door closer is noisy.	Lack of lubrication at pivot points; loose fixings.	Apply silicone lubricant to pivot points; check and tighten all screws.
Door closer feels stiff or binds.	Misalignment; damaged components.	Check installation for proper alignment; inspect for damage. If damaged, replacement may be necessary.

7. SPECIFICATIONS

Model:	P-YSMDC
Brand:	Yale
Color:	White
Material:	Metal
Installation Type:	Surface Mount
Maximum Door Weight:	50 kg
Fire Door Compliance:	BS EN 1634-1
Item Weight:	236 Grams (approx. 8.3 ounces)
Product Dimensions:	0.39"L x 0.39"W x 0.39"H (Note: These dimensions seem generic, refer to actual product for precise measurements)

8. WARRANTY INFORMATION

The Yale P-YSMDC Door Closer comes with a **2-year guarantee** from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for any warranty claims. For full terms and conditions, please refer to the official Yale website or contact customer support.

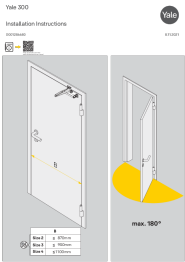



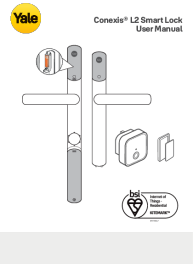
9. SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please visit the official Yale website or contact their customer service department. Contact details can typically be found on the product packaging or the brand's official online presence.

You can visit the Yale Store for more information: [Yale Official Store](#)



Related Documents - P-YSMDC

	<p>Yale 300 Door Closer Installation Instructions</p> <p>Comprehensive installation guide for the Yale 300 door closer, detailing steps for various door sizes and configurations. Includes diagrams and specifications for optimal performance.</p>
	<p>Yale Conexis L1 Smart Door Lock User Manual & Installation Guide</p> <p>Comprehensive user manual for the Yale Conexis L1 Smart Door Lock. Includes detailed installation steps, setup guides for key cards, phone apps, virtual keys, and smart home integration. Learn to operate and troubleshoot your secure, keyless Yale smart lock.</p>
	<p>Yale Luna Elite+ User Manual</p> <p>User manual for the Yale Luna Elite+, Elite-P, and Elite-F smart locks, covering installation, operation, settings, and troubleshooting.</p>
	<p>Yale Home App Step-by-Step Guide to App Features and Smart Lock Control</p> <p>Comprehensive guide to using the Yale Home App for managing Yale smart locks, including features like Auto-Unlock, Auto-Lock, guest access, and product overviews for Yale Unity and Assure series.</p>
	<p>Conexis L2 Smart Lock User Manual - Installation and Setup Guide</p> <p>Comprehensive user manual for the Yale Conexis L2 Smart Lock, covering installation, setup, app integration, and troubleshooting. Learn how to install and use your smart lock.</p>



[Yale Real Living Deadbolt Locks: Keyless Entry & Compatibility Guide](#)

Explore Yale Real Living deadbolt locks, including keyless entry options, keyway compatibility, and detailed guides to ensure the perfect fit for your door. Learn about models YRD110, YRD120, YRD210, YRD220, and YRD240.