

Yale 7100 36 630

Yale 7100 Rim Exit Device Instruction Manual

Model: 7100 36 630

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Yale 7100 Rim Exit Device. Please read this manual thoroughly before beginning installation or use to ensure proper function and safety. This device is designed for use on doors between 30 and 36 inches wide.



Figure 1: Yale 7100 Rim Exit Device. This image displays the full assembly of the Yale 7100 Rim Exit Device, featuring its satin stainless steel finish and robust construction. The device is shown horizontally, illustrating the push bar mechanism and the rim-mounted latching component.

2. SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE) during installation, including safety glasses and gloves.
- Ensure the door and frame are structurally sound and capable of supporting the device.
- Follow all local building codes and regulations for exit device installation.
- Do not modify the device. Unauthorized modifications may compromise safety and void the warranty.
- Keep small parts away from children to prevent choking hazards.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Yale 7100 Rim Exit Device Assembly
- Mounting Screws (various sizes as required for installation)
- Strike Plate
- Installation Template
- User Manual (this document)

Note: If any parts are missing or damaged, do not proceed with installation. Contact Yale customer support for assistance.

4. SETUP AND INSTALLATION

The Yale 7100 Rim Exit Device is designed for easy installation. However, professional installation is recommended to ensure optimal performance and compliance with safety standards.

4.1 Tools Required (Not Included)

- Drill
- Measuring Tape
- Pencils or Markers
- Screwdrivers (Phillips and Flathead)
- Chisel (if mortising is required for strike plate)

4.2 Installation Steps

1. **Prepare the Door:** Use the provided template to mark the locations for drilling holes on the door face and edge. Ensure accurate measurements for proper alignment.
2. **Install the Rim Exit Device:** Position the main body of the exit device on the interior side of the door, aligning it with the marked holes. Secure it using the provided screws.
3. **Install the Strike Plate:** Mark and prepare the door frame for the strike plate. Ensure the strike plate aligns perfectly with the latch bolt of the exit device when the door is closed. Secure the strike plate with screws.
4. **Test Operation:** Close the door and test the exit device by pushing the bar. The latch bolt should retract smoothly, allowing the door to open. Ensure the door latches securely when closed.
5. **Adjustments:** Make any necessary adjustments to the strike plate or device mounting to ensure smooth and reliable operation.

5. OPERATING INSTRUCTIONS

The Yale 7100 Rim Exit Device is designed for intuitive operation, providing quick and easy egress in emergency situations.

5.1 Egress (Exiting)

- To exit, simply push the horizontal bar located on the interior side of the door.
- Applying pressure to the bar will retract the latch bolt, allowing the door to open.
- Release the bar to allow the latch bolt to extend and secure the door.

5.2 Entry (If Applicable)

Entry from the exterior side typically requires a key or an external trim device (sold separately). This device functions as a key lock.

- Insert the correct key into the exterior cylinder.
- Turn the key to retract the latch bolt or to dog the device (hold the latch retracted for free passage).
- Once the door is open, remove the key and ensure the device is in the desired state (latched or dogged).

6. MAINTENANCE

Regular maintenance ensures the longevity and reliable operation of your Yale 7100 Rim Exit Device.

- **Cleaning:** Clean the device periodically with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish.
- **Lubrication:** Apply a small amount of silicone-based lubricant to moving parts (e.g., latch bolt, push bar pivot points) annually or as needed to maintain smooth operation. Do not over-lubricate.
- **Inspection:** Regularly inspect all screws and fasteners to ensure they are tight. Check for any signs of wear, damage, or misalignment. Address any issues promptly.
- **Functionality Test:** Periodically test the device's operation to ensure the latch retracts fully and smoothly, and the door opens freely.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Yale 7100 Rim Exit Device.

Problem	Possible Cause	Solution
Device is stiff or hard to push.	Lack of lubrication, dirt accumulation, or misalignment.	Clean and lubricate moving parts. Check for proper alignment of the device and strike plate.
Latch bolt does not retract fully.	Obstruction, bent components, or incorrect installation.	Inspect for obstructions. Verify installation against the template. Contact support if components are bent.
Door does not latch securely.	Misaligned strike plate, worn latch bolt, or loose fasteners.	Adjust the strike plate. Tighten all fasteners. Inspect latch bolt for wear.
Key does not operate smoothly (if applicable).	Dirty cylinder, incorrect key, or internal mechanism issue.	Ensure the correct key is used. Apply graphite lubricant to the keyway. Do not force the key.

If you are unable to resolve an issue using the troubleshooting guide, please contact Yale customer support.

8. SPECIFICATIONS

- **Model:** Yale 7100 Rim Exit Device
- **Part Number:** 7100 36 630
- **Brand:** Yale
- **Material:** Stainless Steel, Wood
- **Color/Finish:** Silver (Satin Stainless Steel)

- **Door Compatibility:** 30" - 36" wide doors
- **Lock Type:** Key Lock (for exterior entry, if applicable)
- **Item Weight:** Approximately 14 pounds
- **Package Dimensions:** 37.65 x 10.3 x 6.4 inches
- **Special Feature:** Easy to Install

9. WARRANTY INFORMATION

The Yale 7100 Rim Exit Device comes with a **5-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use and service.

The warranty does not cover:

- Damage resulting from improper installation or maintenance.
- Damage caused by misuse, abuse, or accident.
- Normal wear and tear.
- Unauthorized modifications or repairs.

For warranty claims or further details, please retain your proof of purchase and contact Yale customer support.

10. CUSTOMER SUPPORT

For technical assistance, replacement parts, or warranty inquiries, please contact Yale customer support. Refer to the official Yale website for the most current contact information.

Online Resources: www.yalehome.com

Please have your model number (7100 36 630) and date of purchase available when contacting support.

© 2023 Yale. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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