

Yale Y6806080005

Yale Vertical Galvanized Electric Lock Instruction Manual

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Yale Vertical Galvanized Electric Lock, Model Y6806080005. Please read this manual thoroughly before installation and use to ensure proper function and safety. Keep this manual for future reference.

2. PRODUCT OVERVIEW

The Yale Vertical Galvanized Electric Lock is designed for secure access control. It features robust construction and versatile operation options.



Figure 1: The Yale Vertical Galvanized Electric Lock. This image shows the main grey, rectangular electric lock unit with a brass key cylinder on the front face, and a separate grey strike plate unit. The Yale logo is visible on the main lock body.

Key Features:

- Actuated from outside and inside by key, and remotely by low-voltage electrical impulse: 10W - 12V.
- 60 mm backset with included floor plate and interior/exterior cylinder pair.

3. SETUP AND INSTALLATION

Proper installation is crucial for the security and functionality of the lock. It is recommended that installation be performed by a qualified professional.

Included Components:

- 1 x Yale Vertical Galvanized Electric Lock unit
- 3 x Keys
- 1 x Roof (for outdoor protection)
- 1 x Interior/Exterior Cylinder Pair
- 1 x Floor Plate

Installation Steps:

1. **Prepare the Door and Frame:** Ensure the door and frame are suitable for a vertical electric lock installation. Mark the positions for the lock body and strike plate, considering the 60 mm backset.
2. **Mount the Lock Body:** Secure the main lock unit to the door using appropriate fasteners. Ensure it is level and aligned correctly.
3. **Install the Cylinder Pair:** Insert the interior and exterior cylinders into their designated positions on the lock body.
4. **Mount the Strike Plate:** Attach the strike plate to the door frame, ensuring it aligns perfectly with the lock's bolt for smooth operation.
5. **Install the Floor Plate:** If applicable, secure the floor plate as per the installation diagram.
6. **Connect Electrical Wiring:** Connect the low-voltage electrical impulse wires (10W - 12V) to the lock mechanism. Ensure all electrical connections are secure and insulated according to local electrical codes.
7. **Install the Roof:** If the lock is exposed to outdoor elements, install the protective roof over the main lock unit.
8. **Test Operation:** After installation, test the lock's functionality using both the key and the electrical impulse to ensure it locks and unlocks smoothly.

4. OPERATING INSTRUCTIONS

Manual Operation (Key):

- To **lock** the door: Insert the key into the exterior cylinder and turn it to engage the bolt.
- To **unlock** the door: Insert the key into the exterior or interior cylinder and turn it to retract the bolt.

Electric Operation:

- The lock can be remotely unlocked by providing a low-voltage electrical impulse (10W - 12V) to the designated terminals. This typically connects to an intercom system, access control panel, or remote button.
- Upon receiving the impulse, the lock's mechanism will retract the bolt, allowing the door to be opened. The lock will re-engage automatically once the door is closed, or after a set delay, depending on the system configuration.

5. MAINTENANCE

To ensure the longevity and reliable operation of your Yale electric lock, follow these general maintenance

guidelines:

- **Cleaning:** Periodically wipe the lock body and strike plate with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the galvanized finish.
- **Lubrication:** Lightly lubricate the key cylinder and moving parts of the bolt mechanism with a graphite-based lubricant or a silicone spray annually. Do not use oil-based lubricants as they can attract dirt.
- **Inspection:** Regularly inspect the lock for any signs of wear, damage, or loose components. Check electrical connections for corrosion or fraying.
- **Key Care:** Keep keys clean and avoid using them for purposes other than operating the lock.

6. TROUBLESHOOTING

If you encounter issues with your Yale electric lock, consider the following common troubleshooting steps:

- **Lock not engaging/disengaging smoothly:** Check for obstructions in the door frame or strike plate. Ensure the lock and strike plate are properly aligned. Lubricate the bolt mechanism.
- **Key difficult to turn:** Lubricate the key cylinder. Ensure the key is fully inserted and is not bent or damaged.
- **Electric release not working:** Verify the power supply to the lock (10W - 12V). Check all electrical connections for looseness or corrosion. Ensure the remote activation device (e.g., intercom) is functioning correctly.
- **Lock making unusual noises:** This may indicate internal wear or misalignment. Discontinue use and contact a qualified technician.

For complex issues or if troubleshooting steps do not resolve the problem, it is recommended to contact a qualified locksmith or security professional.

7. SPECIFICATIONS

Specification	Detail
Manufacturer	YALE
Model Number	Y6806080005
Model Name	68060 Series
Product Dimensions (L x W x H)	3.8 x 13 x 10.6 cm
Weight	2.2 kg
Color	Galvanized Steel
Finish	Galvanized
Material	Steel Alloy, Iron, Plastic
Lock Type	Keyed
Electrical Impulse	10W - 12V
Backset	60 mm
Batteries Required	No

Specification	Detail
International Article Code	08012232108364
Spare Parts Availability	Information unavailable

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official Yale website or contact your local Yale distributor. Keep your purchase receipt as proof of purchase.

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