

Comap 3051

Comap 3051 Cistern Adaptable Mechanism Type I.S. 404.M.C.W Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of the Comap 3051 Cistern Adaptable Mechanism Type I.S. 404.M.C.W. This product is designed as a replacement or upgrade for toilet cistern flush mechanisms, ensuring efficient and reliable flushing performance. Please read these instructions carefully before installation and retain them for future reference.

2. SAFETY INFORMATION

- Always turn off the main water supply to the toilet before beginning any installation or maintenance work.
- Wear appropriate personal protective equipment, such as gloves and eye protection, during installation.
- Ensure all connections are secure to prevent leaks.
- If you are unsure about any step, consult a qualified plumber.
- Keep small parts away from children to prevent choking hazards.

3. PACKAGE CONTENTS

Verify that all components are present before starting the installation:

- Comap 3051 Cistern Adaptable Mechanism Type I.S. 404.M.C.W (1 unit)
- Associated washers and nuts for installation (typically included with such mechanisms)



Figure 1: Comap 3051 Cistern Adaptable Mechanism. This image shows the complete flush mechanism with its float and lever assembly.

4. SETUP AND INSTALLATION

Follow these steps to install the Comap 3051 Cistern Adaptable Mechanism:

1. **Turn Off Water Supply:** Locate the water shut-off valve for your toilet, usually found on the wall behind or near the toilet. Turn it clockwise until the water flow stops completely. Flush the toilet to empty the cistern.
2. **Remove Old Mechanism:** Disconnect the flush chain or rod from the old mechanism. Unscrew any retaining nuts from the underside of the cistern that secure the old mechanism. Carefully lift and remove the old flush mechanism from the cistern. Clean any residue from the opening.
3. **Install New Mechanism:** Insert the Comap 3051 mechanism into the opening at the bottom of the cistern. Ensure the rubber seal is correctly seated against the inside of the cistern. From the underside of the cistern, secure the mechanism with the provided retaining nut, tightening it firmly but without over-tightening to avoid cracking the ceramic.
4. **Connect Flush Lever/Button:** Attach your existing flush lever or button to the new mechanism's operating arm. Adjust the chain or rod length to ensure proper operation without excessive slack or tension.

5. **Restore Water Supply:** Slowly turn the water shut-off valve counter-clockwise to restore the water supply to the cistern. Allow the cistern to fill. Check for any leaks around the base of the mechanism and the water inlet connection.
6. **Test Operation:** Flush the toilet several times to ensure the mechanism operates smoothly, the cistern fills correctly, and the flush is effective. Adjust the water level if necessary (refer to the Maintenance section).

5. OPERATING INSTRUCTIONS

The Comap 3051 mechanism operates as a standard toilet flush valve. To flush the toilet, depress the flush lever or button. This action lifts the internal seal, allowing water to flow from the cistern into the toilet bowl. Once the flush is complete, the seal will return to its closed position, and the cistern will begin to refill automatically.

6. MAINTENANCE

- **Regular Cleaning:** Periodically inspect the mechanism for mineral deposits or debris. If necessary, turn off the water supply, drain the cistern, and gently clean the components with a soft brush and mild detergent. Avoid abrasive cleaners.
- **Check for Leaks:** Regularly check for any signs of water leakage from the cistern into the toilet bowl (a running toilet). If a leak is detected, inspect the rubber seal at the base of the mechanism for wear or obstruction.
- **Adjusting Water Level:** The water level in the cistern can typically be adjusted by manipulating the float mechanism. Refer to the specific design of your float for adjustment instructions. The water level should be below the overflow pipe to prevent continuous running.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Toilet runs continuously	Flapper/seal not seating correctly; float level too high; debris under seal.	Check and clean the seal. Adjust the float arm to lower the water level. Ensure the flush chain/rod is not too tight.
Weak or incomplete flush	Insufficient water in cistern; flush chain/rod too loose.	Adjust the float to allow more water into the cistern. Shorten the flush chain/rod slightly.
No flush when lever is pressed	Flush chain/rod disconnected or broken.	Reconnect or replace the flush chain/rod.
Water leaking from cistern base	Mechanism not seated properly; retaining nut loose; damaged seal.	Turn off water, drain cistern, re-seat mechanism, tighten retaining nut, or replace the seal if damaged.

8. SPECIFICATIONS

- **Model:** Comap 3051 Cistern Adaptable Mechanism Type I.S. 404.M.C.W
- **Part Number:** 3051
- **Item Weight:** 8.1 ounces (approx. 230 grams)
- **Product Dimensions:** 10.63 x 2.56 x 2.17 inches (approx. 27 x 6.5 x 5.5 cm)
- **Manufacturer:** Comap
- **ASIN:** B01908IYRI

9. WARRANTY INFORMATION

For specific warranty details regarding the Comap 3051 Cistern Adaptable Mechanism, please refer to the documentation provided with your purchase or contact Comap customer support directly. Warranty terms typically cover manufacturing defects for a specified period from the date of purchase.

10. CUSTOMER SUPPORT

If you encounter any issues or have questions not covered in this manual, please contact Comap customer support. You can usually find contact information on the manufacturer's official website or on the product packaging.

For more information, visit the [Comap Brand Page](#).