**Ideal Standard R014767**

# Ideal Standard R014767 PROSYS 80 In-Wall Cistern for Floor-Standing WC Instruction Manual

## 1. Introduction

This manual provides essential information for the installation, operation, and maintenance of your Ideal Standard R014767 PROSYS 80 In-Wall Cistern. Designed for floor-standing WCs, this module is engineered for reduced spaces with a cistern thickness of 80 mm, suitable for installation in masonry walls. It features a robust polypropylene construction, dual-flush capability, and SmartValve technology for efficient water management.

Please read these instructions carefully before beginning installation or use to ensure proper function and longevity of the product. Retain this manual for future reference.

## 2. Setup and Installation

### 2.1 Components Included

- G 1/2 stopcock with hole protection sponge
- 2 wall fixing plates
- Site protection box
- Flush pipe (diameter 56 x 260 mm) with EPS protective shell
- Seal for flush pipe (diameter 45 mm)
- Protective cap
- Plaster mesh pre-mounted on the cassette
- Pipe (diameter 45 mm)

### 2.2 Installation Guidelines

The PROSYS 80 module is designed for installation within masonry walls, specifically for floor-standing toilet bowls. Ensure the wall cavity provides the minimum required thickness of 80 mm for the cistern.

- **Wall Preparation:** Prepare the masonry wall according to the dimensions provided in the technical diagram. Ensure the wall structure can support the weight of the cistern and the toilet.
- **Cistern Placement:** Position the cistern within the prepared wall cavity. Use the provided wall fixing plates to

securely mount the cistern to the wall.

- **Water Connection:** Connect the G 1/2 stopcock to the water supply. The cistern supports up to 3 water inlets. Ensure all connections are watertight.
- **Flush Pipe Connection:** Attach the flush pipe (56 x 260 mm) to the cistern outlet and connect it to the toilet bowl. The flush bend is adjustable vertically (+/- 14mm) and horizontally (+/- 10mm) to accommodate various toilet models. Use the provided seal (diameter 45 mm) for a secure connection.
- **Actuation Mechanism:** The cistern comes with front mechanical actuation. If converting to pneumatic or electric actuation, use the appropriate conversion kit (sold separately).
- **Protection:** Utilize the site protection box during construction to prevent damage to the cistern components. The pre-mounted plaster mesh on the cassette aids in finishing the wall surface.

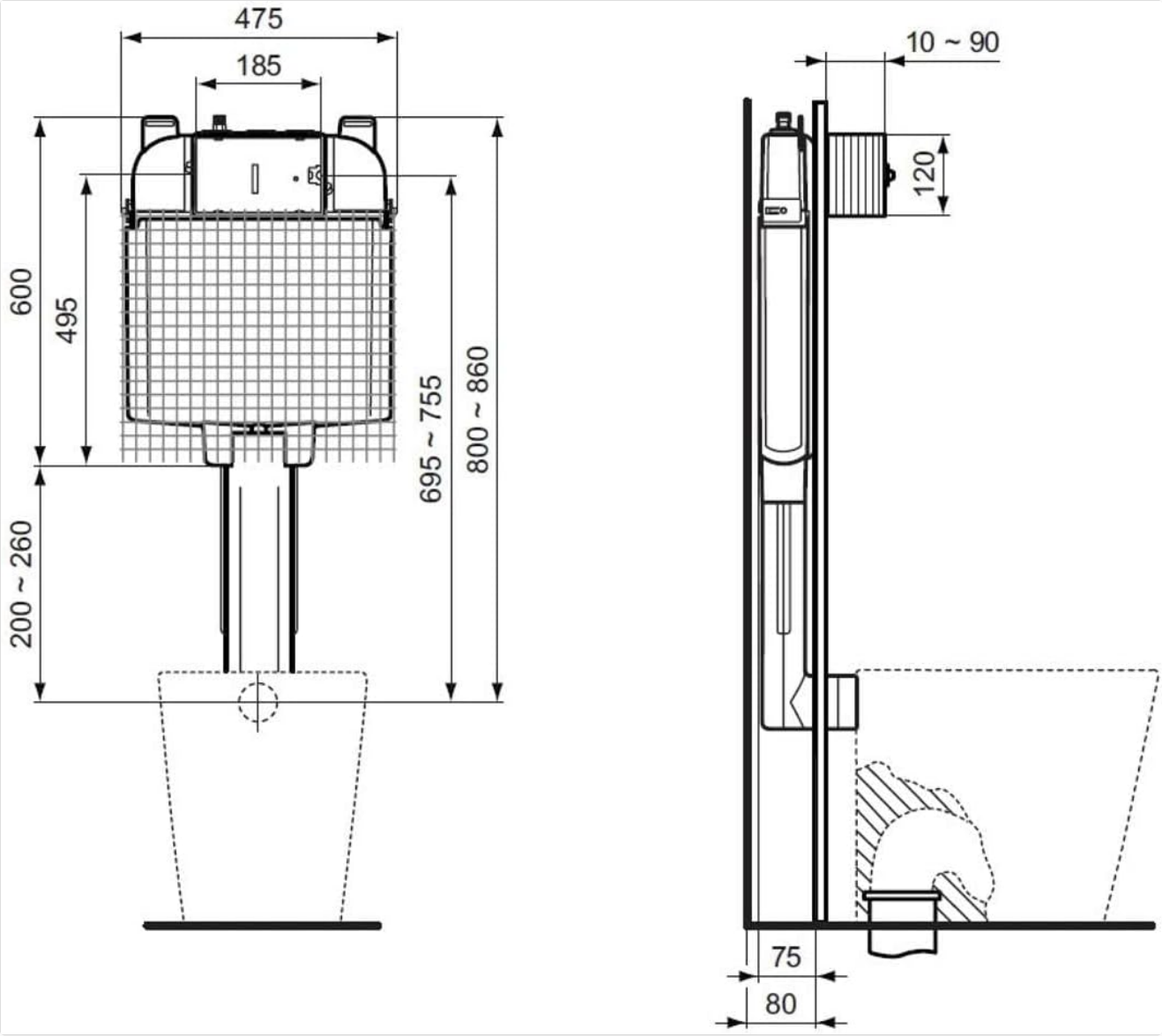


**Figure 1:** Technical drawing illustrating the dimensions and installation clearances for the PROSYS 80 in-wall cistern, showing front and side views with measurements in millimeters.

**Figure 2:** An example installation of the PROSYS 80 in-wall cistern, concealed within a wall structure, with a floor-standing toilet bowl in front.

## 3. Operating Instructions

### 3.1 Flushing Mechanism

The PROSYS 80 cistern features a dual-flush system, allowing for two different flush volumes to conserve water. The factory setting is 6/3 liters, which can be easily adjusted to 4.5/3 liters based on user preference and local regulations.

- **Full Flush:** Press the larger button on the flush plate for a full 6-liter (or 4.5-liter) flush.
- **Reduced Flush:** Press the smaller button on the flush plate for a reduced 3-liter flush.
- **Single Flush Option:** The system also offers the possibility of a single flush. Consult the specific flush plate instructions for details on activating this mode if desired.

### 3.2 SmartValve Technology

The cistern incorporates SmartValve technology, which provides a delayed refill function. This feature optimizes water usage by ensuring the cistern only begins refilling after the flush cycle is complete, preventing unnecessary water flow during the flush.

## 4. Maintenance

### 4.1 General Care

The PROSYS 80 cistern is constructed from highly resistant polypropylene (PP), designed to be unalterable by thermal stress. It is also supplied with an anti-condensation coating to prevent moisture buildup within the wall cavity.

- **Cleaning:** For external components (flush plate), use a soft cloth and mild, non-abrasive cleaning agents. Avoid harsh chemicals that may damage the finish.
- **Internal Inspection:** Periodically inspect the internal components of the cistern for any signs of wear or mineral buildup. Access to the internal mechanism is typically through the flush plate opening.
- **Leak Detection:** Regularly check for any signs of water leakage around the toilet or wall area. Address any leaks promptly to prevent water damage.

### 4.2 Water Quality

Operating pressure ranges from 0.1 bar to 16 bar. Ensure your water supply pressure falls within this range for optimal performance. Hard water areas may require more frequent inspection and cleaning of internal components to prevent limescale accumulation.

## 5. Troubleshooting

This section addresses common issues you might encounter with your in-wall cistern.

- **Problem:** Water continuously runs into the toilet bowl.
  **Possible Cause:** Faulty flush valve seal or fill valve.
  **Solution:** Access the cistern through the flush plate. Inspect and clean the flush valve seal for debris. If the issue persists, the flush valve or fill valve may need replacement.
- **Problem:** Cistern does not fill or fills slowly.
  **Possible Cause:** Closed stopcock, blocked fill valve, or low water pressure.
  **Solution:** Ensure the G 1/2 stopcock is fully open. Check the fill valve for obstructions or debris. Verify that the water supply pressure is within the specified range (0.1 to 16 bar).
- **Problem:** Flush buttons are stiff or unresponsive.
  **Possible Cause:** Misaligned flush plate, debris behind buttons, or issue with the mechanical linkage.
  **Solution:** Remove the flush plate and check for any obstructions. Ensure the mechanical rods are correctly aligned and connected to the flush mechanism.

- **Problem:** Visible moisture or dampness on the wall around the cistern.
  **Possible Cause:** Leak in the cistern, connections, or flush pipe.
  **Solution:** Immediately shut off the water supply to the cistern. Access the cistern and carefully inspect all connections, seals, and the cistern body for leaks. The anti-condensation coating helps prevent external condensation, so visible dampness usually indicates a leak.

For complex issues or if you are unsure about performing repairs, it is recommended to contact a qualified plumber.

## 6. Specifications

| Feature | Specification |
|---|---|
| Model Number | R014767 |
| Brand | Ideal Standard |
| Product Dimensions (L x W x H) | 8 x 47.5 x 86 cm |
| Weight | 3.29 kg |
| Material | Polypropylene (PP) |
| Cistern Thickness | 80 mm |
| Flush Type | Dual Flush (Mechanical Front Actuation) |
| Factory Flush Setting | 6/3 liters (Adjustable to 4.5/3 liters) |
| Water Refill Technology | SmartValve (Delayed Refill) |
| Acoustic Class | 1NF |
| CE Marking | EN 14055 |
| Operating Pressure | 0.1 bar to 16 bar |
| Humidity Resistance | Hr 90% |
| Flush Bend Adjustment | Vertical (+/- 14mm), Horizontal (+/- 10mm) |
| Water Inlets | Up to 3 |
| Special Features | Resistant to thermal stress, anti-condensation coating |
| Manufacturer | Ideal Standard Italia |
| Country of Origin | Portugal |

## 7. Warranty and Support

For specific warranty information regarding your Ideal Standard R014767 PROSYS 80 In-Wall Cistern, please refer to the documentation provided at the time of purchase or contact your retailer. Warranty terms typically cover manufacturing defects under normal use.

If you require technical assistance, spare parts, or have questions not covered in this manual, please contact Ideal Standard customer support or your authorized dealer. When contacting support, please have your product model

number (R014767) and purchase details readily available.

**Ideal Standard Contact Information:** Please visit the official Ideal Standard website for the most up-to-date contact details for your region.