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## Geberit GEB458103001

# Geberit DUOFIX Basic WC Element K11660 458103001 Instruction Manual

Model: GEB458103001

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## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Geberit DUOFIX Basic WC Element K11660 458103001. Please read this manual carefully before beginning installation or use to ensure proper function and safety. Keep this manual for future reference. The Geberit DUOFIX Basic WC Element is a self-supporting pre-wall mounting frame designed for wall-hung WCs. It features a concealed cistern with front actuation and is engineered for robust and reliable performance in various construction settings.

## 2. SAFETY INFORMATION

### Always observe the following safety precautions to prevent injury and damage:

- Installation must be performed by qualified personnel in accordance with local building and plumbing codes.
- Ensure all water and electrical connections (if applicable for accessories like Geberit AquaClean) are properly sealed and conform to regulations.
- Wear appropriate personal protective equipment (PPE) during installation, including gloves and eye protection.
- Do not modify the product in any way not described in this manual. Unauthorized modifications can lead to malfunction or safety hazards.
- Before drilling, verify the absence of hidden electrical wires or pipes in the wall.
- Ensure the mounting surface is structurally sound and capable of supporting the weight of the WC element and a user.

Regarding the requirements of the Construction Products Regulation, due diligence is exercised. As long as a construction product is under the responsibility of HGM Klein GmbH, we guarantee that its storage or transport conditions do not jeopardize compliance with the basic requirements.

## 3. SETUP & INSTALLATION

The Geberit DUOFIX Basic WC Element is designed for straightforward installation. Follow these steps for a secure and functional setup.

### 3.1 Unpacking and Inspection

Carefully unpack all components and inspect for any damage. Ensure all parts listed in the 'Set Contains' section are present.

### 3.2 Frame Assembly and Positioning

- The frame is self-supporting and powder-coated for durability.
- Position the frame at the desired location. The mounting height is 1200 mm.
- Adjust the galvanised footrests to the required height (0 - 20 cm) to level the frame.
- Utilize the plastic foot panels for installation in U-shaped profiles UW 50.

### 3.3 Securing the Frame

- For wooden frame constructions, use the drill holes ( $\varnothing$  9 mm) to fix the frame securely.
- Use the locating holes for Geberit DuofixBasic wall anchors to secure the frame to the wall.
- Ensure the frame is prepared for supports in WC ceramics with small support surfaces, if applicable to your WC model.

### 3.4 Cistern and Water Connection

- The UP cistern is designed for actuation from the front and is insulated against condensation water.
- Connect the water supply at the rear of the top center of the cistern.
- The element includes an empty conduit for a water supply pipe, facilitating future connection of Geberit AquaClean appliances.

### 3.5 Connection Elbow and Accessories

- The connection elbow assembly is designed for tool-free installation.
- Utilize the complete assembly accessories provided for all connections.

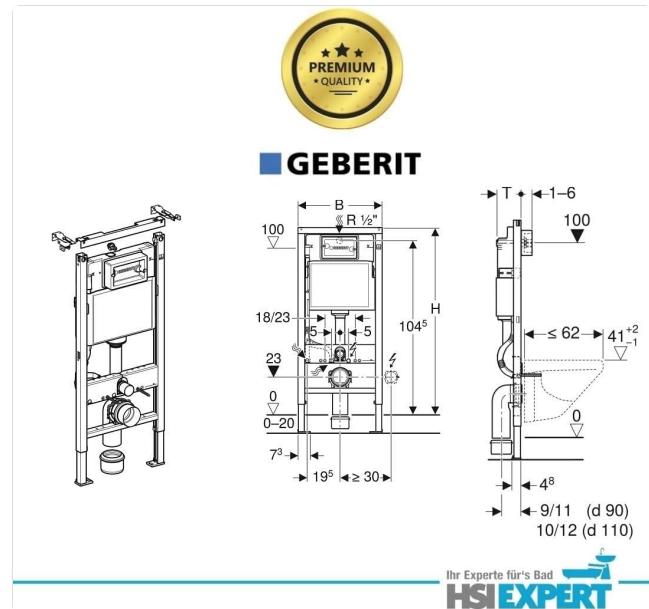


Figure 1: Technical drawing with key dimensions for installation.



Figure 2: Geberit DUOFIX Basic WC Element highlighting features such as pre-wall element, ready for installation, load-bearing & robust, with Delta-UP cistern, and for wall-hung WC.

## 4. OPERATING INSTRUCTIONS

The Geberit DUOFIX Basic WC Element operates with a dual-flush system for water conservation.

## 4.1 Flushing Mechanism

- The cistern supports 2-level flushing (3 and 6 litres) or a start-stop flushing mechanism.
- The factory setting allows for immediate re-flushing.

## 4.2 Push Plate Compatibility

This WC element is compatible with Geberit DELTA series push plates. Ensure you use a compatible push plate for proper operation.

- Matching push plate DELTA11 models: GEB115120111, GEB115120461

- Matching push plate DELTA21 models: GEB115125111, GEB115125461



Figure 3: The Geberit DUOFIX Basic WC Element, ready for integration into your bathroom system.

## 5. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your Geberit DUOFIX Basic WC Element.

- **Cleaning:** Clean visible parts of the frame and cistern access points with a mild, non-abrasive cleaner and a soft cloth. Avoid harsh chemicals that could damage surfaces.
- **Inspection:** Periodically check for any signs of leaks around connections. Address any leaks immediately to prevent water damage.
- **Cistern Access:** For internal cistern maintenance (e.g., replacing flush valves), refer to the specific instructions for the UP cistern model. Access is typically gained by removing the push plate.
- **Professional Service:** For complex issues or internal component replacement, it is recommended to contact a qualified plumber.

## 6. TROUBLESHOOTING

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This section provides solutions to common issues you might encounter with your WC element.

### 6.1 No Flush or Weak Flush

- **Check Water Supply:** Ensure the main water supply to the cistern is open.
- **Inspect Push Plate:** Verify the push plate is correctly installed and not obstructed. A misaligned push plate can prevent proper actuation.
- **Cistern Mechanism:** If the issue persists, the internal flushing mechanism might require inspection. This typically involves removing the push plate and checking the valve components.

### 6.2 Continuous Water Flow into WC Bowl

- **Check Fill Valve:** The fill valve might be faulty or obstructed, preventing it from closing completely.

- **Check Flush Valve Seal:** The flush valve seal might be worn or dirty, allowing water to seep into the bowl.
- **Adjust Water Level:** Ensure the water level in the cistern is not too high, causing overflow into the flush pipe.

## 6.3 Leaks Around the Element

- **Inspect Connections:** Carefully check all water inlet and outlet connections for tightness.
- **Seal Integrity:** Verify the integrity of all seals and gaskets. Replace any worn or damaged seals.
- **Professional Assistance:** If the source of the leak cannot be identified or resolved, contact a qualified plumber immediately.

## 7. SPECIFICATIONS

Feature	Detail
Model Number	GEB458103001
Brand	Geberit
Product Dimensions	5.2 x 21.02 x 44.88 inches (Package)
Installation Width	500 mm
Installation Height	1200 mm
Item Weight	17.64 Pounds
Material	Metal
Color	Blue/White
Installation Type	Wall Mounted
Flushing System	2-level (3 and 6 litres) or Start-Stop
Cistern Type	UP cistern, front actuation, insulated
Footrest Adjustment	0 - 20 cm
AquaClean Compatibility	Empty conduit for water supply pipe

## 8. WARRANTY AND SUPPORT

For specific warranty information, please refer to the documentation provided with your purchase or visit the official Geberit website. Geberit products are known for their quality and durability.

If you require technical assistance, have questions about installation, or need to report a defect, please contact Geberit customer support or your local distributor. Always provide your model number (GEB458103001) when seeking support.

### Geberit Contact Information:

- Please visit the official Geberit website for up-to-date contact details and support resources.

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