

Geberit 111.591.00.1

Geberit Duofix Shower Siphon 50cm

MODEL: 111.591.00.1

Brand: Geberit

INTRODUCTION

This instruction manual provides essential information for the correct installation, operation, and maintenance of your Geberit Duofix Shower Siphon, model 111.591.00.1. This product is designed for efficient drainage in shower areas, particularly suitable for installation within drywall constructions and floor-level showers with composite seals. Please read this manual thoroughly before installation and retain it for future reference.

The Geberit Duofix frame is self-supporting and includes an extractable, inspectable immersion tube, a 50mm hydraulic seal, and connections for left or right drainage. It is designed for integration into various wall and floor structures.

SETUP AND INSTALLATION

The Geberit Duofix frame is engineered for straightforward installation in both partial and full-height frame installations, as well as within Geberit Duofix system walls. It accommodates floor structures ranging from 9 to 20 cm in height.

Key Installation Considerations:

- **Screed Height:** Ensure a minimum screed height of 90 mm on the inlet.
- **Mounting Thickness:** The frame supports tile assembly thicknesses for wall and floor between 4 mm and 26 mm.
- **Sealing:** A sealing wound is pre-assembled around the unit (10 cm) to facilitate integration with various sealing systems.
- **Drainage Connection:** The wastewater connection is adjustable and can be configured for either left or right-side drainage.
- **Footplates:** The footplates are rotatable and feature anti-slip properties for secure positioning.
- **Frame Construction:** The frame is powder-coated for durability and includes drilled holes (9 mm diameter) for attachment in wooden stands.



Figure 1: Geberit Duofix Shower Siphon frame. This image shows the robust blue frame with the integrated siphon unit, ready for installation within a wall structure.

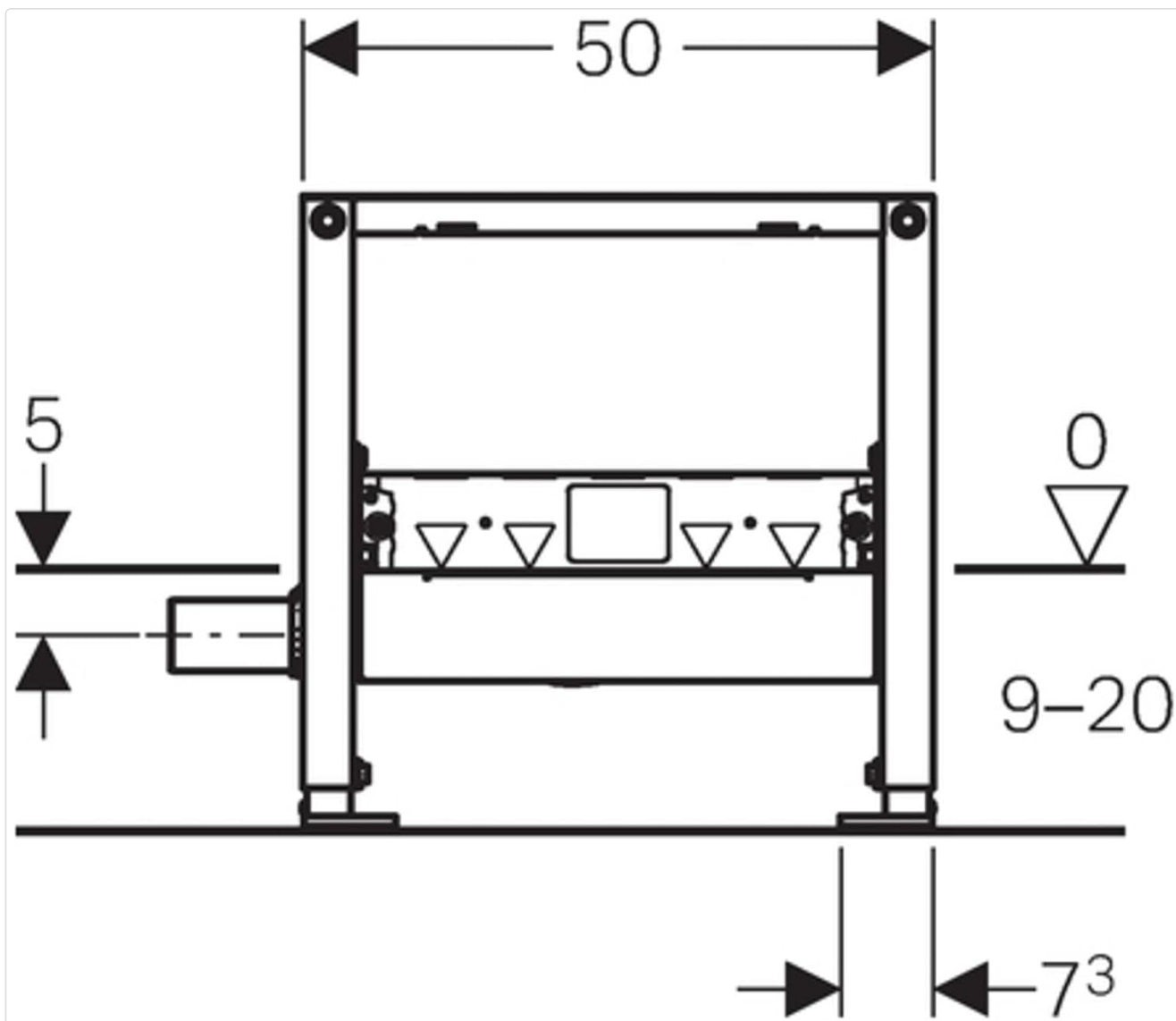


Figure 2: Front view technical drawing. This diagram illustrates the front dimensions of the Geberit Duofix frame, including the 9-20 cm floor structure range.



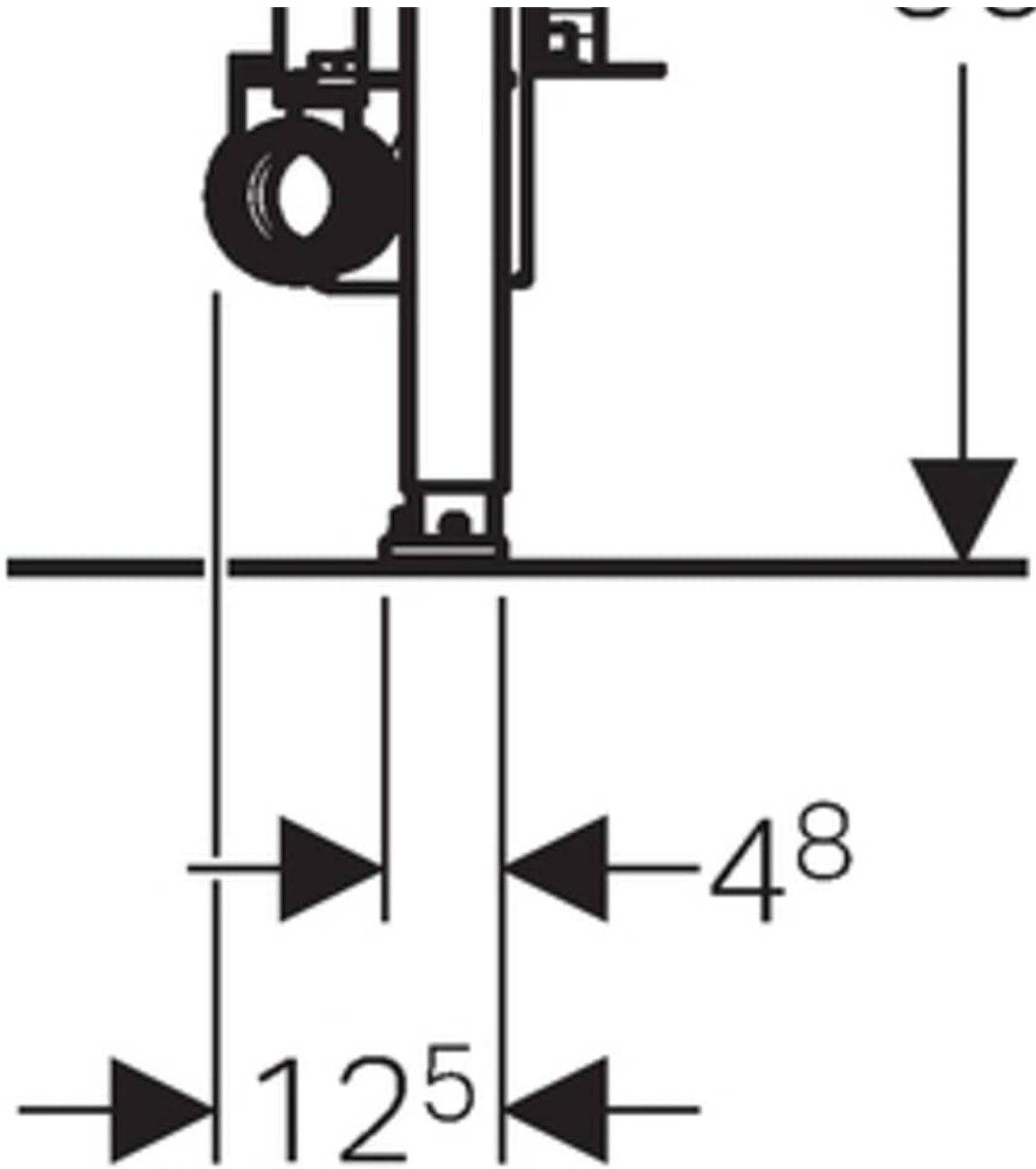


Figure 3: Side view technical drawing. This diagram provides a side profile with key measurements, such as the 50 cm height and depth specifications.

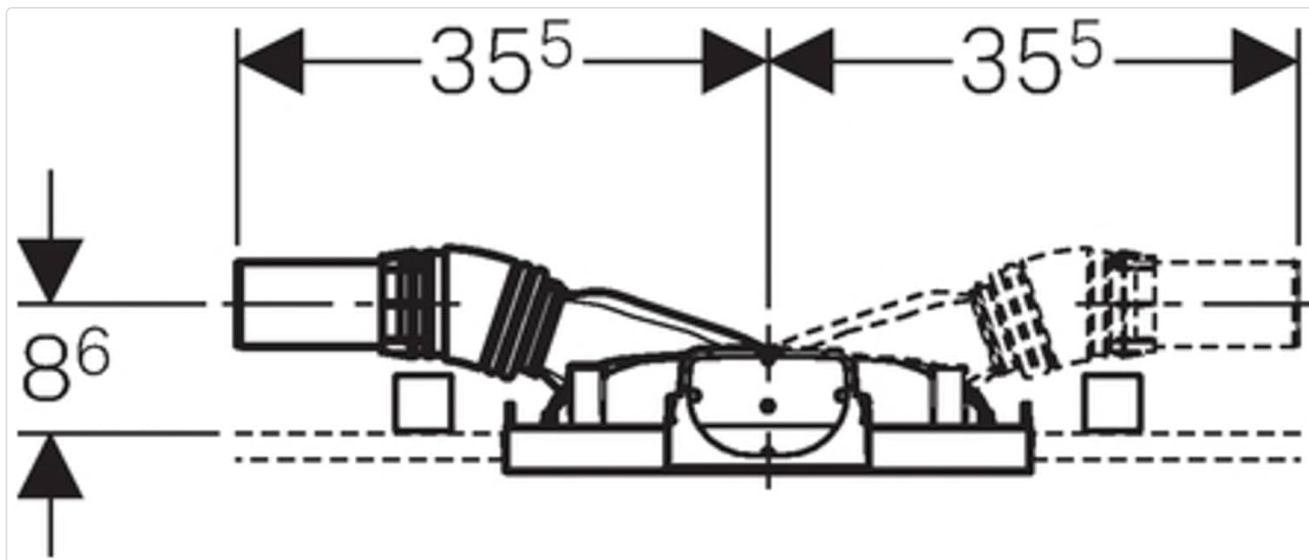


Figure 4: Top view technical drawing. This illustration shows the top-down perspective of the siphon, highlighting the adjustable drainage connections and overall width.

OPERATING INSTRUCTIONS

The Geberit Duofix Shower Siphon is designed for automatic and efficient water drainage from your shower area. No specific user operation is required beyond normal shower use, as the system functions passively to drain water.

- **Flow Rate:** The siphon provides a flow rate of 0.8 liters per second, ensuring quick and effective water removal.
- **Odor Trap:** An integrated odor trap with a height of 50 mm prevents unpleasant smells from entering the bathroom from the drainage system.

MAINTENANCE

Regular inspection and cleaning of the siphon are recommended to ensure optimal performance and prevent blockages. The design includes an extractable and inspectable immersion tube for easy access.

Cleaning Procedure:

1. Carefully remove the shower drain cover.
2. Locate and gently extract the inspectable immersion tube from the siphon body.
3. Clean any accumulated debris, hair, or soap residue from the immersion tube and the accessible parts of the trap. A brush and warm soapy water are usually sufficient.
4. Rinse all components thoroughly.
5. Reinsert the immersion tube securely into the siphon body.
6. Replace the shower drain cover.

Caution: Avoid using harsh chemical drain cleaners, as these can damage the internal components and seals of the siphon system.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Geberit Duofix Shower Siphon.

Issue: Slow Drainage

- **Cause:** Blockage in the siphon or drain cover.
- **Solution:** Check for obstructions. Refer to the [Maintenance](#) section for instructions on how to clean the inspectable immersion tube and remove any accumulated debris. Ensure the shower drain cover is clear of hair or soap residue.

Issue: Unpleasant Odors

- **Cause:** Dry odor trap or organic buildup.
- **Solution:** Verify that the odor trap is correctly installed and contains water. The trap height is 50 mm. If the shower has not been used for an extended period, run water for a few minutes to refill the trap. Clean the siphon as described in the [Maintenance](#) section to remove any organic buildup.

Issue: Leaks

- **Cause:** Improperly seated seals or loose connections.
- **Solution:** If leaks are detected, immediately cease use of the shower. Inspect all visible connections and ensure all seals are properly seated and tightened. If the issue persists or is not easily identifiable, contact a qualified plumber for professional inspection and repair.

SPECIFICATIONS

Feature	Specification
Model Number	111.591.00.1
Manufacturer	Geberit
Product Dimensions	25.59 x 21.06 x 8.66 inches
Item Weight	17.6 pounds (8 Kilograms)
Assembly Required	Yes
Installation Type	Freestanding (within wall/floor structure)
Flow Rate	0.8 l/s
Trap Height	50 mm
Minimum Screed Height on Inlet	90 mm
Tile Assembly Thickness (Wall/Floor)	4 – 26 mm
Floor Structure Accommodation	9 – 20 cm

WARRANTY AND SUPPORT

For detailed warranty information, technical support, or to locate an authorized service provider, please refer to the official Geberit website or contact your local Geberit distributor. It is recommended to retain your purchase receipt as proof of purchase for any warranty claims.

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.

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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