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DESIGN + ENGINEERING
GROHE GERMANY

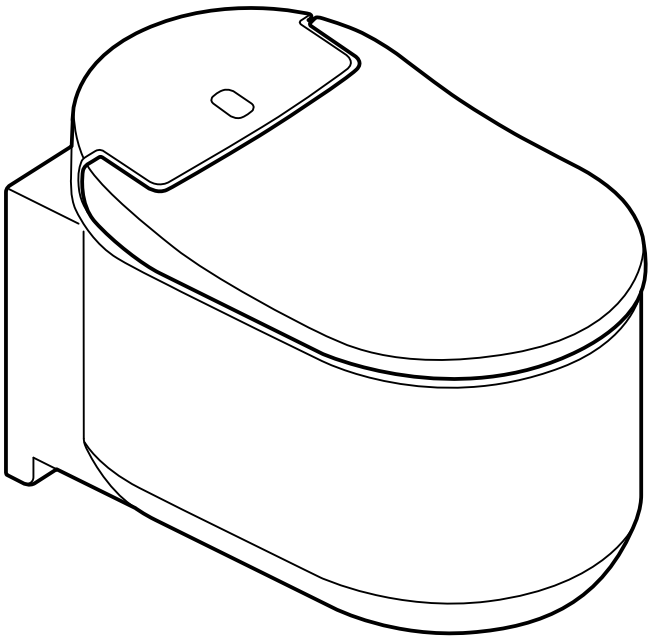
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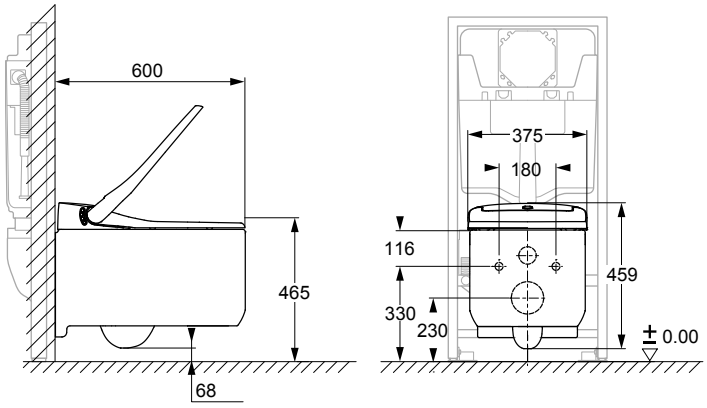
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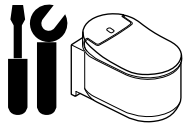
GROHE

39354SH0
39414SH0
18801SH0





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GB

Safety Precautions

For safe installation and use of the product, please read the precautions thoroughly before installing the product.

DANGER
Denotes an immediately hazardous situation, which may result in death or severe injury if not prevented.

WARNING
Denotes a potentially hazardous situation, which may result in death or severe injury if not prevented.

CAUTION
Denotes a potentially hazardous situation, that may result in mild to moderate injuries and/or damages to the product and/or other items and property if not prevented.

⚠ DANGER

Improper connection of the power socket can result in a risk of electric shock.

All electrical installation work must be carried out by a qualified electrician.
There is a danger of short circuit and/or electric shock.

The protective zones must be assured in bathrooms.
If a power supply connection is made in zone 2, then the power supply to the Shower Toilet can be established by a direct connection, using a connector socket IPX4 as permanent connection.

⚠ WARNING

Follow the instructions described in this manual, and install the product properly.
Failure to do so may cause electric shock, fire, injury, water leakage, and/or flooding.

Do not allow anyone except an authorized service technician to disassemble, repair, or modify the product.
There is danger of electric shock or fire, and the product could malfunction, causing injury.

Do not connect or disconnect the power socket or power cord with wet hands.
There is a danger of electric shock.

Hold the socket when connecting or disconnecting the power socket.
If the socket is connected or disconnected by holding the cord, there is a danger of fire or electric shock due to the socket or cord becoming damaged.

Do not pour water or the cleanser inside or onto the toilet seat unit, remote control, or power socket.
It may cause electric shock or fire.

Do not use any power supply other than AC 220 V - 240 V. Also, do not use any other method to connect the socket to an improperly configured receptacle.
Exceeding the rated voltage for use may cause an electric shock or fire.

Electrical installation work must only be performed by a qualified electrician. This work must be carried out in accordance with the regulations according to IEC 60364-7-701 (corresponding to VDE 0100 Part 701) as well as all national and local regulations.

Be sure to insert the tip of the wires of the power cords securely into the inlets of the power socket.
Failure to do so may cause fire.

Connect the power socket completely.
There is a danger of fire or electric shock due to the cord becoming damaged.

Do not damage, bend, modify, excessively twist, bind, sandwich, or place heavy objects on the power cord.
There is a danger of fire or electric shock due to the cord becoming damaged.

Do not install this product in a wet or damp location, such as inside a shower room or steam room, as this may lead to electric shock or fire.

Do not attach the product to any water source other than potable water.
It may cause electric shock, fire and skin inflammation due corrosion of electronic parts inside the seat unit.

In regions where the carbonate hardness exceeds 14° dH (KH), a water filtration system with water softener must be used. You can inquire about your carbonate hardness with your local utilities provider.

- In order to ensure a long service life, a service technician must perform the first descaling within 3 years. After the first descaling, it is recommended to descale the product every year. (see technical product information 99.0758.xxx) (decalcifier No. 46 978 000)
- In order to ensure the lifetime of nozzle, it is recommended that the client descales the nozzle every year.

⚠ CAUTION

Install a high-sensitivity, high-speed ground fault circuit interrupter (with rated current value of 15 mA or below) on the primary side of the power supply.
There is a danger of electric shock.

The toilet bowl is made of ceramics, and ceramics are fragile. Note the following when handling the toilet bowl:
- Prior to installation, make sure that the toilet bowl is in a good condition and not damaged.
- After installation, check the toilet bowl for any damages.

Failure to do so may cause injury, or water leakage and/or flooding.

Wash out foreign materials or rust inside the pipes before connecting the product.
Failure to do so could damage the internal parts of the product, which may cause water leakage and/or flooding.

Note the following when using the strainer:
- Close the water shutoff valve when removing the strainer.
- When installing the strainer, tighten it fully so there is no gap.
- Check that the O-ring is free from foreign materials when attaching it. If foreign materials are attached to the O-ring, it may cause flooding due to water leakage.

Adjust the water shutoff valve and check for water leakage after the installation.
It may cause water leakage and/or flooding.

Power Supply

- **Use an AC 220 – 240 V power supply with a consumption rating of 850 W. Max. 1300 W.**
- **The length of the power cord is 1.0 m.**
  The power cord must be connected to the 3+PE (Pre-earth) plug and far away from the water area.
- **Electrical installation work must only be performed by a qualified electrician. This work must be carried out in accordance with the regulations according to IEC 60364-7-701 (corresponding to VDE 0100 Part 701) as well as all national and local regulations.**
- **The device must be connected to properly grounded outlet.**

Water Supply

- **Only use potable water as the water supply.**
  Using a different water supply (industrial water, well water, etc.) may cause the durability of the electrical and mechanical components to deteriorate, resulting in an accident or malfunction.
- **Please firmly fix the water supply pipe.**
- **In regions where the carbonate hardness exceeds 14° dH (KH), a water filtration system with water softener must be used. You can inquire about your carbonate hardness with your local utilities provider.**
- **In order to ensure a long service life, a service technician must perform the first descaling within 3 years. After the first descaling, it is recommended to descale the product every year. (see technical product information 99.0758.xxx)(decalcifier No. 46 978 000)**

Water Pressure

The minimum water pressure must be 0.05 MPa (0.5 bar) [flow pressure]. The maximum water pressure is 1.0 MPa (10.0 bar) [hydrostatic pressure].
Please observe this pressure range in your installation.

Minimum Installation Clearance

For the required minimum installation clearance, refer to Figure 1.
A space of 70 mm or more on each side of the product is recommended.

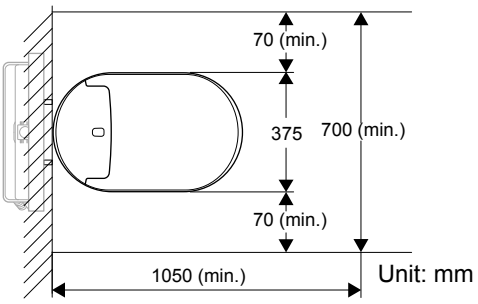


Figure 1

Confirmation on Construction

- If a toilet from another manufacturer is already fitted, concealed water connection fitting may be possible. However, the connection dimensions need to be identical. The products are sometimes fitted with an information sticker with the dimensions on the protective plate underneath the actuator plate.
- The 46944000 fittings can only be installed for Grohe flush systems with GD2 cisterns.

Technical Data

Rated voltage
220 - 240 V (AC), 50/60 Hz
Rated power consumption
850 W (environment 20°C, water 15°C)
Maximum power consumption
1300 W
Length of the power cord
1 m
Waterproof grade
IPX4
Standby
0.9 Watt
Protection class 1
EN13077-type AB,
EN997-CL1-5A+CL2
Water pressure range
0.05 MPa (0.5 bar) [flow pressure] - 1.0 MPa (10.0 bar) [hydrostatic pressure]
Water connection cross section
3/8 in
Operating temperature range
0°C - 40°C
Units
V = volt, Hz = hertz, W = watt, m = metre, MPa = megapascal, in = inch, °C = degrees Celsius
Flushing water volume
Europe: full 5 L, light 3 L
China: full 4.5 L, light 3 L

A Supplied Items

a E-bidet (Seat Unit)
b Water Supply Hose and Clip (Standard 39354SH0/39414SH0 model only)
c Corporation Cock (Standard 39354SH0/39414SH0 model only)
d Remote Control
e Screws, Anchors, and AA Batteries (For Remote Control)
f Anti-theft Nut, Screw, and Washer (For Remote Control)
g Power Socket
h Ceramic Bowl
i Protection Sheet, Mounting Bases and Washers (For Ceramic Bowl)
j Spray Hood
k Banderole
DISPLAY Strainer (Display [18801SH0] model only)
OPTION Installation kit for automatic flush (Item No. 46 944)
OPTION Adaptor Valve for 4.5 L cistern (Item No. 42 333)

- Flushing Cable is an optional item that is sold separately.

B Necessary Tools

a Spanner (19 mm)
b Monkey Wrench
c Crosshead Screwdriver
d Flat-blade Screwdriver
e Flat-blade Precision Screwdriver (2.5 mm)
f Crosshead Precision Screwdriver (No. 0)
g Ratchet (19 mm)
h Grinder
i Pipe Cutter
j Level
k File
l Tape
m Ruler
n Pen
o Hammer
p Utility knife
q Adhesive

C-1 Preparations

1 Turn off the power breaker.
2 **For the GROHE water supply tank**
Remove the pipe cover.
For other water supply tanks
Cut out the wall.
3 Adjust the length of the bolts protruding from the wall.
4 Pull the power cord out from the wall.
5 Thread the power cord into the power socket parts, and connect the wires.

Note
- Make sure to attach the wires into the corresponding inlets.

6 Fasten the parts of the power sockets together.

Note
- Tighten the pieces securely.

7 Remove the inspection chamber cover.

C-2 Preparing the Water Supply Hose

1 Detach the cap and two components from the water supply hose.
2 Thread the water supply hose up to the water shutoff valve.

C-3 Attaching the Corporation Cock

1 Close the water shutoff valve, and detach the water supply hose.
2 Attach the corporation cock to the water supply hose on the filling valve side, and attach the other end of the corporation cock to the water shutoff valve.
3 Reattach the two components of the water supply hose, then attach the water supply hose to the bottom of the corporation cock.
4 Place a water receptacle beneath the water supply hose.
5 Open the water shutoff valve, and rinse out any trash within the water supply hose.
6 Check for water leaks around the water shutoff valve areas.

Note
- If there is a leak, tighten the leaking area securely.

7 Close the water shutoff valve.

C-4 Installing the Ceramic Bowl

1 Remove the packaging on the ceramic bowl.

Note

- Keep the packaging until installation is finished.

2 Prepare and cut the water supply pipe and drain pipe (supplied with the tank) to the necessary length.

3 Attach the protection sheet to the wall.

4 Insert the water supply pipe and drain pipe.

5 Place the ceramic bowl to approximately 100 mm from the wall. Then pull the power cord and the water supply hose into the ceramic bowl.

6 Secure the ceramic bowl onto the wall.

Note

- Secure the ceramic bowl together with the hexagonal nuts supplied with the tank.

7 Check whether the ceramic bowl is horizontally flat.

Note

- If necessary, adjust the flatness of the bowl by loosening the hexagonal nuts in step 6.

8 Remove the packaging under the ceramic bowl.

9 Cut the protection sheet sticking out around the ceramic bowl.

10 Seal the edges where the protection sheet, toilet, and wall meet.

C-5 Installing the E-bidet (Seat Unit)

1 Thread the power cord and water supply hose.

2 Place the packaging sheet kept in step 1 of C-4 and hook the power cord and water supply hose into the slit.

3 Connect the power cord.

4 **For the Standard (39354SH0/39414SH0) model**

Connect the water supply hose, and secure it with the clip. Check if the water supply hose is properly secured with the clip.

Note

- If the clip has not attached properly, remove it and attach it again. To open the clip, insert a flat-blade screwdriver and then press it downward and push it.

For the Display (18801SH0) model

Attach the strainer.

5 **For the Standard (39354SH0/39414SH0) model**

Twist the lever of the water supply hose vertically.

For the Display (18801SH0) model

Thread the tube and place the E-bidet (seat unit) on top of the ceramic bowl.

6 Slightly tilt the back of the E-bidet (seat unit) and insert it into the ceramic bowl.

Note

- Make sure that the hooks under the E-bidet (seat unit) are secured into the mounting base of the ceramic bowl.
- When the E-bidet (seat unit) is locked, you will hear a “click” sound.
- You can detach the E-bidet (seat unit) by following the steps below.

① Remove the side lid of the E-bidet (seat unit).

② Press the lever. Use a screwdriver if you cannot reach it by hand.

③ Pull the E-bidet (seat unit) out upward while pressing the back part.

7 Store the power cord in the groove on the underside of the bowl.

8 Open the water shutoff valve.

9 For GROHE tank, adjust the amount of flushing water. Then reattach the actuation plate.

10 Turn on the power breaker.

C-6 Installing the Remote Control

1 Remove the remote control from the holder.

2 Insert the batteries.

Note

- Vertical lines may appear on the screen when the batteries are removed. This is not a malfunction. These vertical lines will disappear when batteries are inserted into the remote control.

3 Insert the small nut into the groove on the back of the remote control.

4 Decide the installation position of the remote control.

Note

- Leave a space above the remote control's mounting position.

5 Mount the remote control holder onto the wall.

A For plasterboard or plywood that is thinner than 5 mm

B For concrete

6 Attach the remote control in the holder.

7 Secure the remote control to the holder with the small washer and screw.

D Testing

1 Cover the seat sensor with a piece of rag or paper and place the spray hood under the toilet seat.

2 Switch the POWER of the E-bidet (seat unit) to on (|). Then press the SETTING button (☼) of the remote control to register it to the E-bidet (seat unit).

3 Confirm that water sprays for rear and front washing.

4 Remove the spray hood.

5 Confirm warm air. Attach the banderole to the seat lid.

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