

System Bathroom **SOLEO**

* For the corresponding product number, see the back of this page.

User's Manual

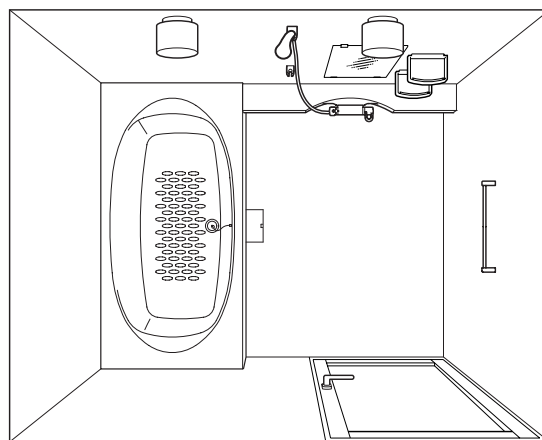
Thank you for purchasing this INAX product.

In order to keep this system bathroom clean and comfortable, read this User's Manual thoroughly and get a full understanding how to use the product correctly and safely.

Observe all the cautions provided in this User's Manual. Note that the company is not responsible for any accident occurred due to improper use of this product.

- * Keep this User's Manual with the User's Manual for plumbing fixtures and other equipment in a place where it can be accessed easily when needed.
- * If ownership of this product is transferred, pass this User's Manual on to the new owner.

To the installer
Make sure this User's Manual is given to the product owner.



Part Number

■ How to Read Part Numbers

BY - 1418 T A UDU

①

②

③

④

⑤

① BY=SOLEO series

② Unit size

1216
1218
1316
1317
1318
1416
1417
1418
1516
1518
1618
1620
1718
1720
1822

③ Wall panel

T=Tile panel

L=L panel

S=Steel make-up panel

④ Floor specification A=Tile finish

B=FRP mosaic pattern

⑤ Type

GUU =GUU type

GTU =GTU type

UDU =UDU type

SSU =SSU type

SDU =SDU type

EFU =EFU type

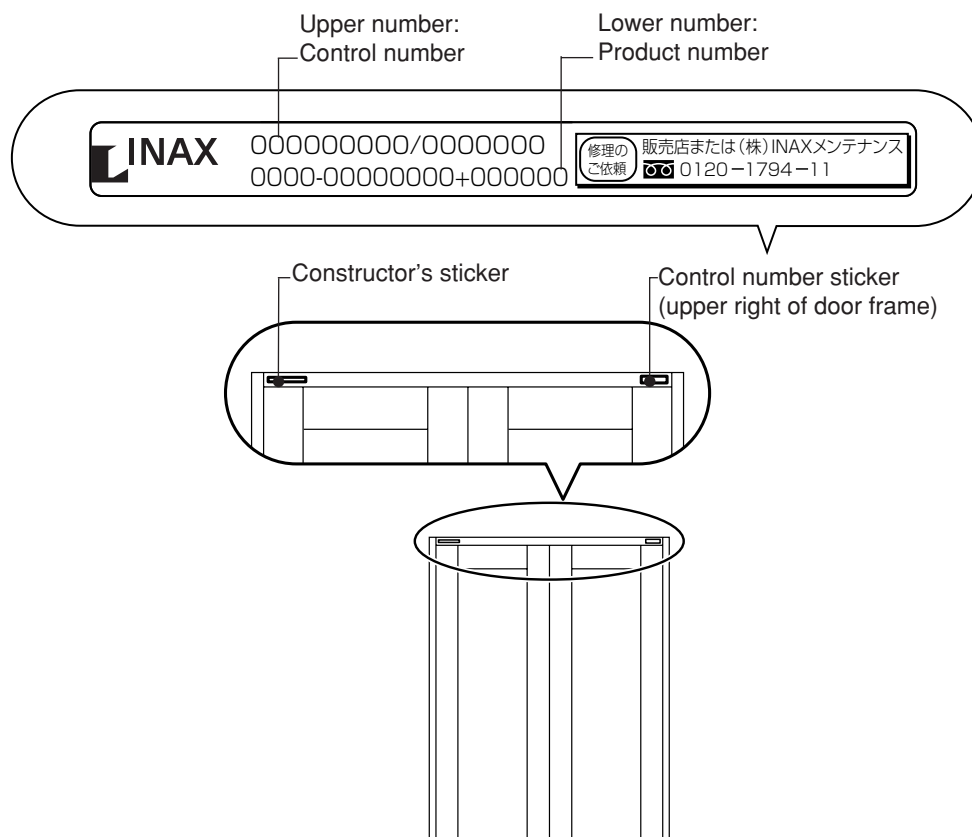
PEU =PEU type

UXU =UXU type

■ How to Find the Product Number

Check the control and product numbers for service.

These numbers are on the control number sticker on the upper right corner of the door.



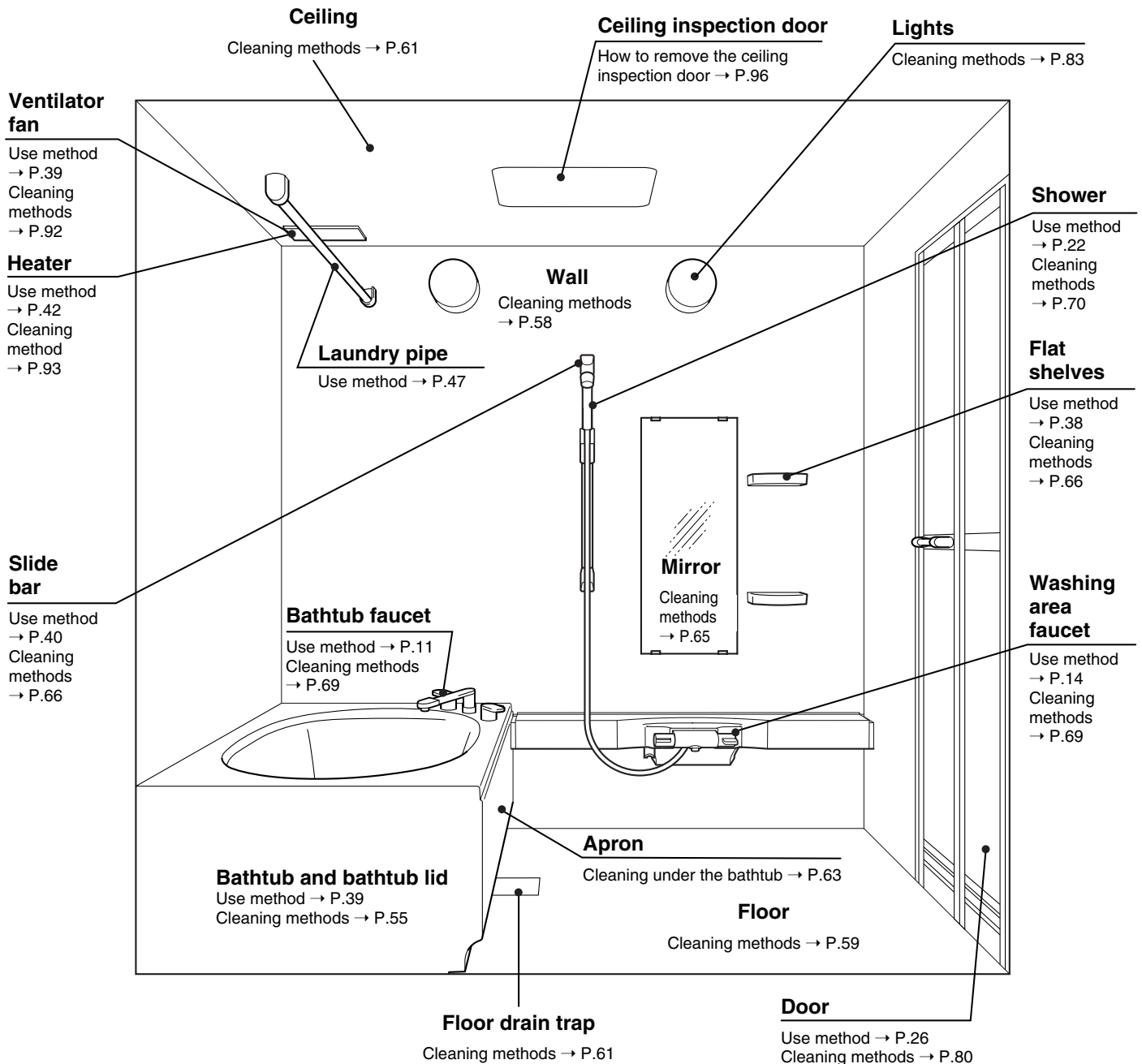
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Part Name

■ Part Names and their Instruction Pages

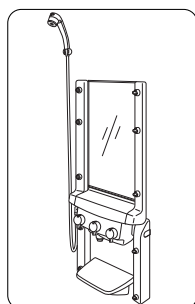
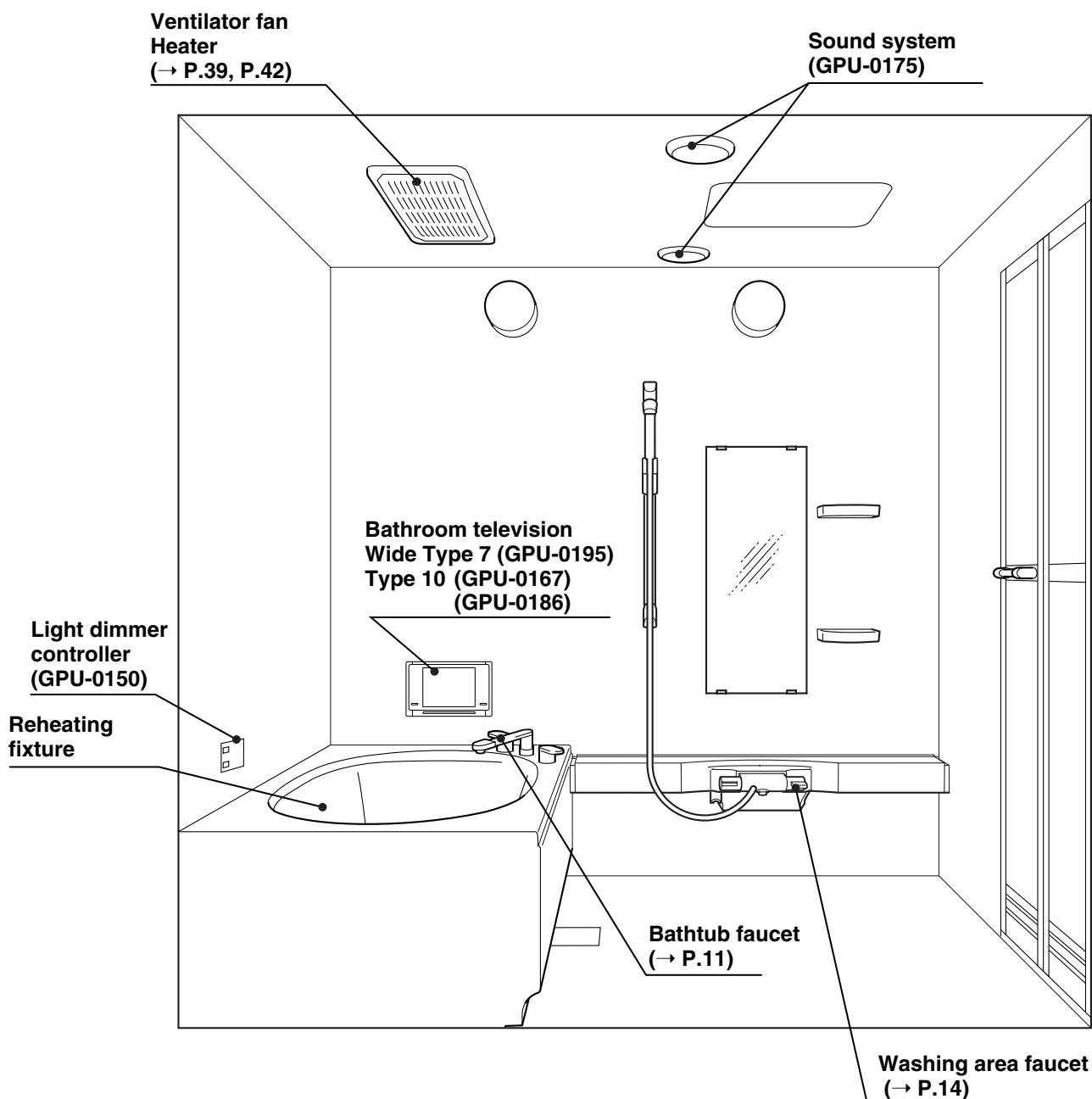
* The drawing shows one example of a combination of parts. Your combination may be different, or you may not have some of these parts.



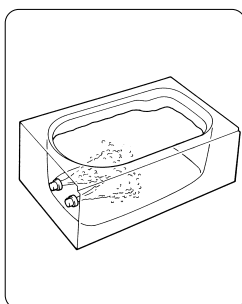
User's Manual for the Auxiliary Equipment

■ For the Following Products, Read the User's Manual for Each Product. The Code in () Corresponds with the User's Manual for Each Product

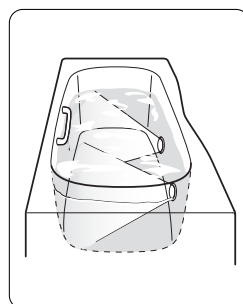
- * Improper use could cause accidents and product breakage. Read the cautions and use the product correctly.
- * This drawing shows one example of a combination of the products. Your combination may be different, or you may not have some of these products.



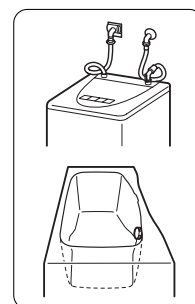
Shower de Bath
(GPU-0164)



Aqua-jet
(GPU-0174)



Healing light II
(GPU-0151)



**Bathwater for
laundry system**
(GPU-0156)

Safety Cautions (Make sure to follow the instructions below)

Before use, read the safety cautions thoroughly in order to use this product safely. Failing to observe the cautions shown here could result in serious consequences. All these cautions are important for safety. Observe them at all times.

- * Read the User's Manual for the auxiliary equipment used with this product, such as faucet fixtures, ventilator fan and aqua-jet, and observe the precautions on the labels affixed to them.

■ Signal Words

- The degree of injury or damage resulting from improper use is categorized by the following signal words. Their meanings are as follows.



Warning This shows that there is a possibility of death or severe injury.



Caution This shows that there is a possibility of personal injury or property damage only.

■ Safety Alert Symbols

- The alert symbols indicate following meanings.



"Caution!" (This symbol urges caution. It is used with the above "Warning" and "Caution." Make sure to read and follow the rules and the instructions.)



"Prohibited!" (Used for general prohibited actions.)



"Do not disassemble!"



"Do not touch the indicated area!"



"Follow the instructions!" (Used for general instructions.)



Warnings

● Do not disassemble, repair or remodel



Do not disassemble, repair, or remodel.

- * There is a danger of **electric shock** or **product breakage**.

● Bathtub lid



Do not place heavy objects nor get on top of the bathtub lid.

- * Doing so could cause the lid to come off, and **could result in an injuries** or **burns**.



● Handling the faucet, ventilator fan, etc.



Follow the User's Manual for each auxiliary equipment such as faucets and ventilator fan.

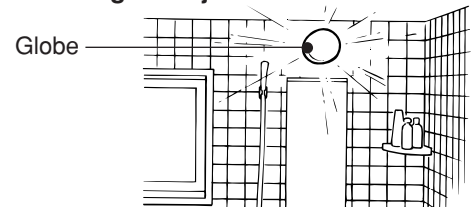
- * There is a danger of **burns, electric shock, injuries** or **product breakage** from incorrect use.

● Lights and ventilator fan



Do not use the light fixtures, the ventilator fan or any other electrical product with the globe, louver or other cover removed, and do not splash them directly with water.

- * There is a danger of **fire, electric shock, product** or the **light bulb breakage** or **injuries**.



Do not hang towels and other object on the light fixtures.

- * They **could overheat and cause fire**.



When maintaining the ventilator fan or other equipment or replacing the light bulbs, turn off (switch off) the power first.

- * There is a danger of **electric shock** or **injuries**.

● Aqua-jet



- Do not use with the safety cover or filter removed or damaged.

- When using, do not block the intake hole or jet port.

- Do not go underwater in the bathtub.

- Do not operate the Aqua-jet while children are taking a bath by themselves.

- * There is a danger of **drowning** or **injuries** if hair or other part of the body get caught.

Safety Cautions (Make sure to follow the instructions below)



Warnings

● Filling the bathtub with hot water



Check the bathtub drain is completely plugged in.

If the drain core was removed for cleaning or other reasons, make sure it is properly inserted. (see page 56)

Also, when using the reheating function, fill water at least 10cm above the circulation port.

* When using the reheating function, if the drain is improperly plugged, it could cause **fire or product breakage**.

● Bathing babies or the physically disabled



Do not have babies or the physically disabled take a bath by themselves.

* There is a danger of **drowning, injuries or burns**.

● Do not allow children to play by themselves



Do not let children play by themselves in the bathroom.

* There is a danger of **drowning, injuries or burns**.



Caution

● Injuries and burns



Do not remove the louver and touch the fan or heater, or insert a finger or other objects such as sticks in it **while the ventilator fan is running**.

* Doing so could cause **electric shock, injuries or product breakage**.



Do not jump into the **bathtub** or apply undue force on it.

* Doing so could damage the bathtub, causing **injuries or water leakage**.



Do not splash hot or cold water on the **mirror**.

* Sudden changes in temperature could cause the mirror breakage, and **cause injuries**.



Do not open the **ceiling inspection door** or place any objects inside except when checking the equipment.

* Doing so could cause **fire, electric shock or water leakage**. The inspection door could fall off, resulting in **injuries**.



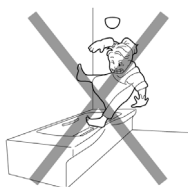
Avoid shocks to the **mirror, wall, or light cover**, such as striking objects against them.

* Doing so could scratch or crack the surface, **causing injuries**.



Do not stand on or sit on the **bathtub or counter**.

* There is a danger of **injuries** by falling off.



When using the **slide bar**, do not strike the slide hook on the mirror or wall.

* Doing so could scratch the side hook or wall or crack the mirror, causing **injuries**.



Wear protective rubber doing gloves when cleaning or doing maintenance.

* There is a danger of **injuries** from gaps, projections, etc.



Do not put fragile objects such as glass containers on **high flat shelves**.

* There is a danger of **injuries** by dropping and breaking these objects.



Do not shock or apply undue force on the **ceiling inspection door**.

* There is a danger that the ceiling inspection door gets cracked and fall off, **causing injuries**.



Do not place feet on the **reheating function circulation port**.

* There is a danger that the reheating function circulation port comes off, **causing falling, injuries or burns**.



Do not apply undue force on the **shower head or shower hook**.

* There is a danger of product breakage or **injuries**.



Do not drop or knock the **shower head**.

* There is a danger of **injuries** by the cracked shower head.

* There is a danger of **injuries** by the cracked or scratched tiles.



Inside the bathroom, the floor could be slippery with soap. Watch your steps and do not run.

* There is a danger of **injuries** by slipping and falling.



Use the bathtub lid that fits the bathtub.

* There is a danger of **injuries or burns** with the bathtub lid falling off.



Do not strike or apply undue force on the **apron**.

* There is a danger of **injuries** with the cracked apron falling off.

Safety Cautions (Make sure to follow the instructions below)

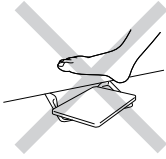


Caution

● Injuries and burns



Do not use if the **floor drain cover** is off or improperly installed. Correctly insert the floor drain cover before use.
* There is a danger of **injuries** by tripping over the cover.



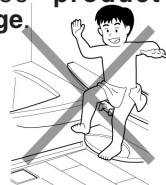
● Do not apply undue force



Do not place heavy objects on the **window frame** such as flower pots. Do not exert force on the window frame by installing extendable blind and so on.
* Doing so could cause **product breakage or water leakage**.



Do not stand on or sit on the **counter**.
* Doing so could cause **product breakage or water leakage**.

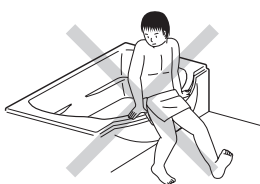


Do not apply undue force on the **storage rack**.
* There is a danger of **product breakage or injuries**.

● About the wide bathtub



When entering and leaving the bathtub, always use the step. Do not jump off the step. Also, do not stand on or sit on the middle of the bathtub rim.



* There is a danger of **injuries by falling off**.



Do not use bath additives in the wide bathtub.
* There is a danger of **injuries** by missing the step with unclear water.

● While there is a danger of winter freezing



If the bath is not used for an extended period of time and the temperature inside the bathroom drops below zero, remove the water out of the drain trap and fill the antifreeze to prevent pipes from freezing. If you cannot acquire the antifreeze, take out the hair catcher and odor prevention pipe and place a rag in the drain. This will prevent any bad odors from escaping into the room from the drain.

* There is a danger of **product breakage and water leakage** by frozen water in the trap.

● Be careful not to scratch the joint sealer



Grout (or caulking) is used on the joints in the **floor, walls, ceiling, window frame, etc.** Do not peel it off or scratch it.
* Doing so could **cause water leakage**.

● Do not install parts yourself



When changing fixture locations, or installing new parts, contact the retail shop where you purchased the bathroom.

* Improper installation can **cause unexpected accidents or water leakage**.

If hand grip bars in or out of the bath become unsteady, or other attachments become loose, contact the retail shop where you purchased the bathroom.

* There is a danger of **injuries or product breakage** with unrepaired products.



Do not attempt to make holes in the wall and mount **hand grips or towel rods**, etc. yourself.

* This can **cause water leakage**.

● Be careful of solvents and chemicals



Do not pour solvents and chemicals such as paint thinner down the **drain**.

* Doing so could **cause water leakage**.



Do not use bath additives which are sulfur-based, acidic, or alkali-based. Also, do not use bath additives which do not easily dissolve in hot water, liquid bath additives which contain solvents, hot spring water, or well water (except for water which meets water quality standards for drinking water as specified in the Water Supply Law).

* Doing so could **cause discoloration of the bathtub surface, damaged seals and grout, and water leakage**.



Do not use or bring solid or powdered chlorine cleansers, or bleach nearby.

* Doing so could **cause metal and rubber to corrode and deteriorate, leading to water leakage**.



If chemicals such as make-up or aromatic oils are spilled, wash them off with water immediately and completely.

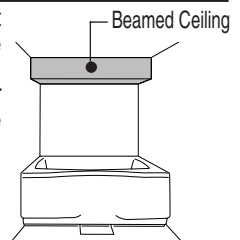
* If chemicals are left adhering to the surface, they could **cause water leakage, discoloration, and cracks**.

● Be careful of the beamed ceiling



Be careful not to hit your head on the beamed ceiling.

* There is a danger of **injuries** with the corner of the beam.



● About use of aqua-jet



The following people must not use aqua-jet. People who are pregnant, physically weak, chronically ill or under the influence of alcohol or sleeping pills or with heart conditions.

* There is a danger of **medical problems arising**.



Do not use aqua-jet for more than 15 minutes.

* There is a danger of **straining the heart**.

Taking a Bath

Before
taking a
bath

1

Set the Hot Water Temperature on the Water Heater

Read the separate manual for the water heater to adjust the temperature and other use methods.

ONE POINT

If a heater is equipped, the entire bathroom can be heated by turning on the heater about 30 to 60 minutes before getting in the bath in the winter.

2

Shut the Drain Plug

3

Fill the Tub with hot water

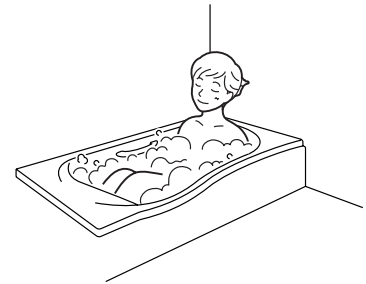
Read page 8 of this manual.

While taking
a bath

Relax and relieve fatigue with a foot bath, lower body bath, or full relaxing bath.
For a relieving bath, read this manual and use it correctly.

How to Remove the Door in an Emergency

To remove the door from outside the bathroom in an emergency, read the manual starting from page 32.



After taking
a bath

If you rinse off the entire bathroom with the shower, cleaning becomes easy.

When You Leave Warm Bathwater for the Next Person

Placing the bathtub lid makes the water cool more slowly.

Neat Trick

By using a water wiper or absorbent car washing towel, you can quickly remove bathroom moisture and the bathroom dries quickly.

If Warm Bathwater is Left Until the Next Morning

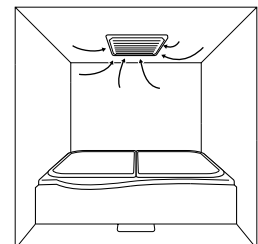
To prevent humidity, place the bathtub lid, and run the ventilator fan or open the window to provide as much ventilation as possible until the next morning. It is even more effective if you lightly wipe moisture off the floor, counter, etc.

If Air Temperature is Low, and there is a Danger of Frozen Water Pipes

Remove the water. Read from page 76 of this manual.

When You Drain Warm Bathwater

Run the ventilator fan or open the window to provide as much ventilation as possible until the next morning. It is even more effective if you lightly wipe moisture off the floor, counter, etc.



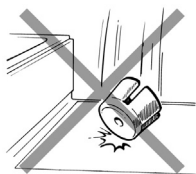
Precautions

Note

This product is designed for general home use. If put to other use such as business use, its life may shorten considerably.

Do not drop heavy or hard objects.

- * Doing so could **crack or chip the floor**.



Do not leave items like hair pins or razor blades for a long time.

- * **Rust could stick on the surface, which may not be removed.**

Do not bring flames, cigarettes, etc. nearby.

- * Doing so could **cause marks or cracks**.

When using hair dye or nail polish remover inside the bathroom, spread a sheet underneath to protect the floor.

- * If it adheres to the floor, it may **cause stains**.

Do not use a suction cup towel bar, suction cup soap dish, etc.

- * Doing so could cause **discoloration**.

In a bathtub equipped with an Aqua-jet, do not use soap, body soap or other such products.

- * Doing so could cause a large volume of suds to be generated, causing **the product breakage**.

If there is a danger of a frozen bathtub which has a water faucet or aqua-jet, make sure to remove water according to the User's Manual for each equipment.

- * Remove bathtub water when there is a danger of freezing in winter.

If the reheating fixture is used, follow the instructions in the User's Manual for the reheating fixture to prevent freezing. If the aqua-jet is used, be sure to drain the water regardless of the reheating fixture or other equipment.

- * Not doing so could **result in product failure or breakage**.

After using a bathmat, bamboo floor covering, etc. in the washing area, wash it with water and stand it against the wall.

- * Not doing so could **result in mold, discoloration, or bad odor**.

Do not install a bathwater purifier with reheating function (24-hour bath) in the bathtub, except for Ideatone bathtubs. Even in an Ideatone bathtub, do not install ozone disinfection type of bathtub purifier with reheating function (24-hour bath).

- * If used continually, it could **accelerate wearing or color fading of the bathtub surface**.

Do not dip the shower head in the bathtub, wash basin, etc.

- * There is a danger of **back flow of drained water into the pipe**.

Be sure to use the specific bathtub lid for the Ideatone bathtub.

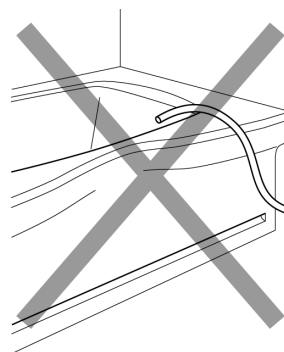
- * Depending on the material of the lid, the **bathtub could be damaged**, lose its heat retaining ability.

For the Ideatone bathtub, keep the shower head on the upper shower hook when the bath is not used.

- * If the shower hose touches the bathtub for a long period of time, it **could damage the bathtub surface**.

Do not place vinyl hoses or other plastic products on the Ideatone bathtub for a long period of time.

- * The **bathtub could be damaged** by polyvinyl, rubber or similar substances.



(Note) Ideatone is a bathtub with a thick transparent layer on the surface.

Use Method/Filling the Bathtub with Hot Water

Plugging In and Out the Drain

■ Drain Plug Type

Please check the type that you use.



Rubber plug

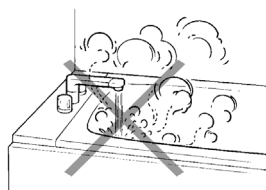


Push one way drain plug

Please note

Adjust the water temperature when adding to the bathtub.

* Directly adding very hot water (80°C/175°F or higher) or making the bathwater too hot could **damage or reduce the life of the bathtub and metal drain parts.**

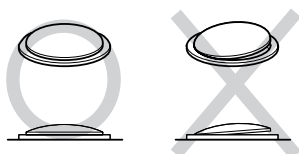


After removing the drain plug or drain core (for cleaning, etc.), correctly reinsert it before using.

* Not doing so could **cause a blocked drain pipe or bad odor.**

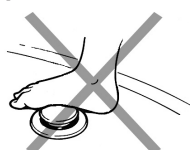
When plugging in the drain, check that the plug is not tilted.

* If the drain plug is tilted, a gap could allow **bathwater to drain.**



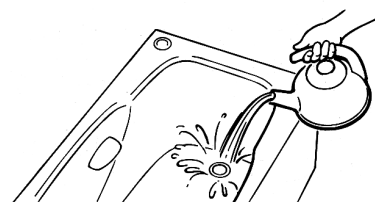
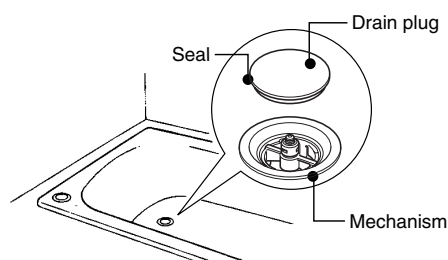
Do not stand on top of the drain plug while it is in the open state or press unduly on the drain plug opening button while a heavy load is bearing on the plug.

* Doing so could **cause bathwater to drain, or a clogged drainpipe.**



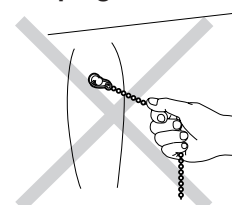
Do not press unduly on the drain plug seal or mechanism if their water freezes in winter.

* Doing so could **cause product breakage.** If the drain plug is frozen and does not open or close even if you press it, please pour hot water below 40°C (105°F) on the drain plug to melt the ice.



Do not strongly pull the rubber plug's chain, or force the chain's attachment to turn.

* Doing so could **cause bathwater to drain, or damage the drain plug.**



Use Method/Filling the Bathtub with Hot Water

■ If You Have a Rubber Plug

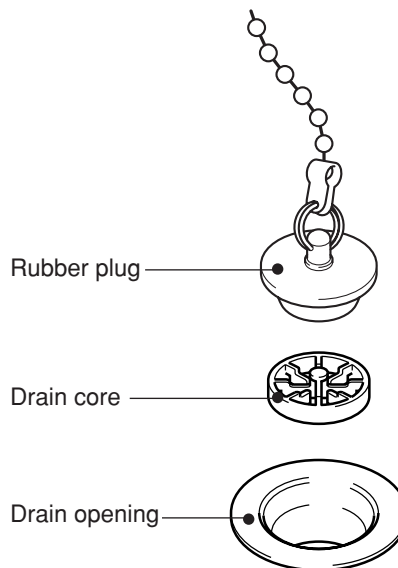
Please note

Do not hold the chain when pulling out the rubber plug. Pull the ring attached to the plug.

* Pulling the chain could **cause damage**.

Firmly press the rubber plug into the drain opening with your hand.

* If the rubber plug is not plugging the drain and water is draining out, refer to page 56 on rubber plug maintenance, and adjust the drain core so it is exactly in place.



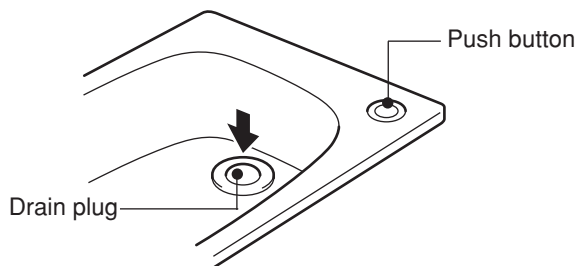
■ If You Have a Push One Way Drain Plug

Press the push button to open and close the drain plug.

When filling the bathtub with hot water

Set the push button in the raised state. This plugs in the drain.

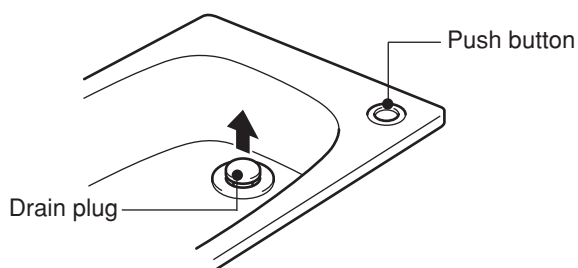
Fill water



When draining the water out

Set the push button in the lowered state. This plugs out the drain.

Drain water



Use Method/Filling the Bathtub with Hot Water

About the Faucet

Caution



Always be sure to check the water temperature before using a faucet or shower.

* High temperature water could come out and **cause burns**.



The faucet or shower hose becomes hot when using hot water. Be careful not to touch the surface of metal parts directly with bare skin.

* There is a danger of **burns**.



Do not attempt to operate the handle and turn off the water suddenly.

* Doing this **causes a water hammer (impact sound) effect**.

* It also causes water to leak from the pipes and can **damage household goods, etc.**



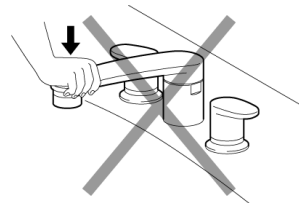
Before using, check if the selector handle is on the faucet side or shower side.

* There is a danger of being unexpectedly covered with hot water and **being burned**.



Do not move the faucet up or down, or apply undue force.

* Doing so could **cause damage or injury**.



After use, be sure to return the scale on the temperature adjustment handle to below "40".

* Not doing so could cause hot water to shoot out next time, **causing burns**.



If freezing is expected, look at the User's Manual for the faucet, and remove the water.

* Freezing damage could cause water leakage, resulting in **damaged household goods, etc.**



ONE POINT

With a thermostatically controlled faucet, if the temperature setting on the water heater is low (about 40°C/105°F), the hot water coming out of the faucet will be lower in temperature than the display temperature. In this case, change the set temperature of the water heater to 10°C above the highest temperature that you use.

Also, the water temperature varies with the seasons. If in winter you adjust the water heater temperature setting higher than in summer, the setting will be closer to the actual temperature, and it will be more pleasant to use.

For details, please see the water heater and faucet User's Manuals.

* If INAX Maintenance is requested, they will perform the adjustment (chargeable, see page 99).

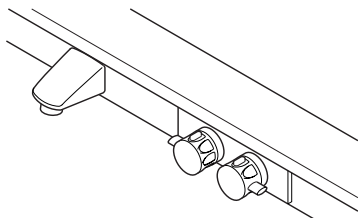
Use Method/**Filling the Bathtub with Hot Water**

Use the Faucet (Bathtub Side)

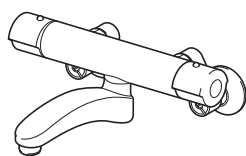
If the automatic bathtub filling water heater is attached, see the water heater User's Manual.

■ Faucet Type

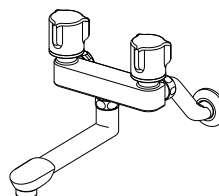
Please check your faucet type.



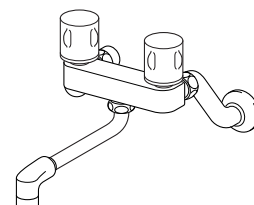
Embedded 2-handle faucet
Product numbers
BF-8743MR,L-PU
BF-8743MNR,L-PU
(GMS-1269)



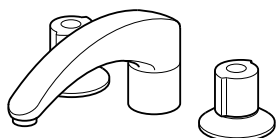
Wall-mounted 2-handle
faucets
(Auze)
Product numbers
BF-A305-PU
BF-A305N-PU



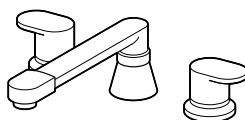
Wall-mounted 2-handle
faucets
(Astesia)
Product numbers
BF-7405-PU
BF-7405-U-PU



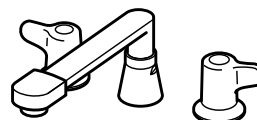
Wall-mounted 2-handle
faucets
(Mitis)
Product numbers
BF-M405-PU
BF-M405-U-PU



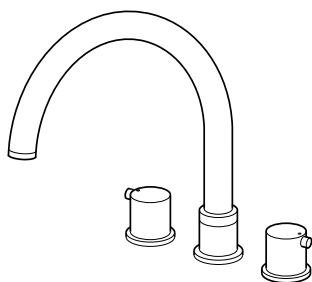
2-handle deck faucets
(Auze)
Product numbers
BF-A093B-PU
BF-A093B-U-PU



2-handle deck faucets
(Astesia)
Product numbers
BF-7093C-PU
BF-7093C-U-PU



2-handle deck faucets
(Mitis)
Product numbers
BF-M093C-PU
BF-M093C-U-PU



2-handle deck faucets
(eModern)
Product numbers
BF-E093B-PU
BF-E093B-U-PU

Use Method/**Filling the Bathtub with Hot Water**

■ If You Have an Embedded 2-Handle Faucet

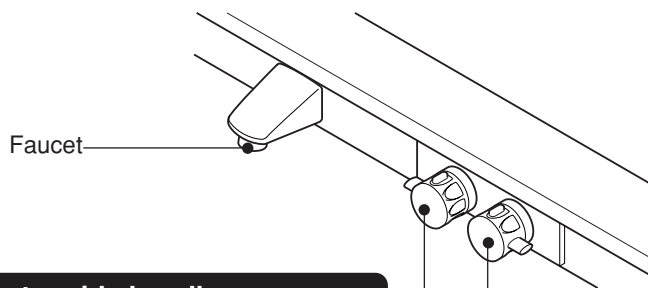
For details, see the faucet User's Manual (GMS-1269).

Caution



Always be sure to check the water temperature before using water from a faucet. Also, always be sure to turn off the hot water side handle first when finished.

* High temperature water could come out and **cause burns**.



Hot water side handle

Turns on and stops the flow of hot water.

The mark on the handle is red.

Cold water side handle

Turns on and stops the flow of cold water.

The mark on the handle is black.

Always be sure to first turn the cold water side handle on, then turn the hot water side handle to adjust the temperature.

■ If You Have a 2-Handle Deck Faucet (Auze, Astesia, or Mitis)

Caution



Always be sure to check the water temperature before using water from a faucet. Also, always be sure to turn off the hot water side handle first when finished.

* High temperature water could come out and **cause burns**.

Hot water side handle

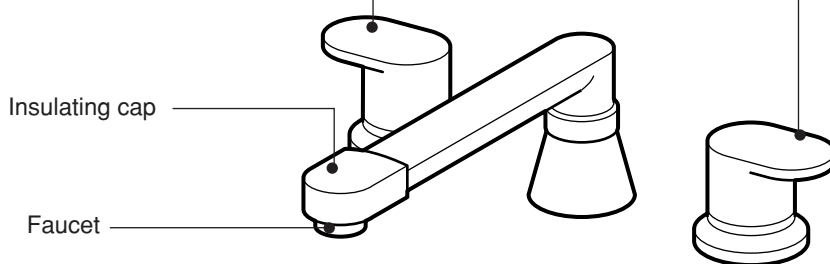
Turns on and stops the flow of hot water.

The mark on the handle is red.

Cold water side handle

Turns on and stops the flow of hot water.

The mark on the handle is blue.



* The illustration is Astesia.

Always be sure to first turn the cold water side handle on, then turn the hot water side handle to adjust the temperature.

Use Method/Filling the Bathtub with Hot Water

■ If You Have a Wall-Mounted 2-Handle Faucet (Auze)

⚠ Caution



Always be sure to check the water temperature before using water from a faucet. Also, always be sure to turn off the hot water side handle first when finished.

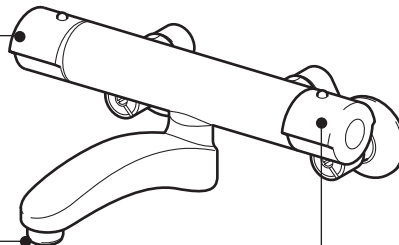
* High temperature water could come out and **cause burns**.

Hot water side handle

Turns on and stops the flow of hot water.

The mark on the handle is red.

Faucet



Cold water side handle

Turns on and stops the flow of hot water.

The mark on the handle is blue.

Always be sure to first turn the cold water side handle on, then turn the hot water side handle to adjust the temperature.

■ If You Have a Wall-Mounted 2-Handle Faucet (Astesia, Mitis)

⚠ Caution



Always be sure to check the water temperature before using water from a faucet. Also, always be sure to turn off the hot water side handle first when finished.

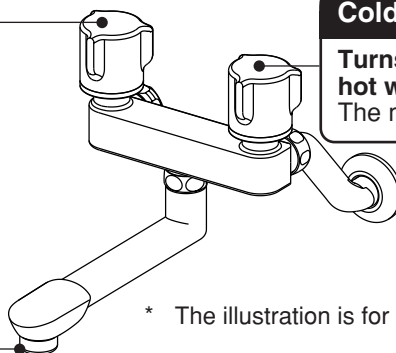
* High temperature water could come out and **cause burns**.

Hot water side handle

Turns on and stops the flow of hot water.

The mark on the handle is red.

Faucet



Cold water side handle

Turns on and stops the flow of hot water.

The mark on the handle is blue.

* The illustration is for Astesia.

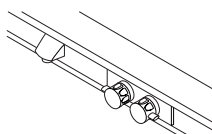
Always be sure to first turn the cold water side handle on, then turn the hot water side handle to adjust the temperature.

Use Method/Using Hot Water in the Washing Area

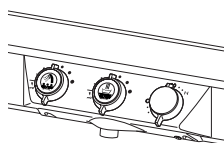
Use the Faucet (Washing Area Side)

■ Faucet Type

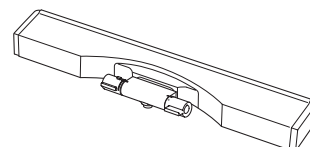
Please check your faucet type.



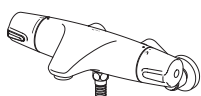
GTU and UDU type
Embedded thermostatically
controlled faucets
Product numbers
BF-8743T-PU
BF-8743TN-PU
(GMS-1268)



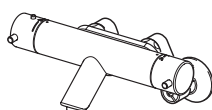
Push faucets
Product numbers
BF-R741TR(L)-D-PU2
BF-R741TNR(L)-D-PU2
(GMS-1317)



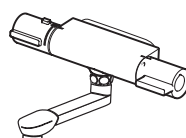
SSU counter type
(Crank embedded faucet)
Astesia, Mitis
Moderno, Jeweller, eModern
Product numbers
BF-□146T-PU□
BF-□146TN-PU□
(GMS-1347)



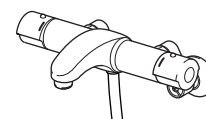
Wall-mounted
thermostatically controlled
faucets
(Jeweller)
Product numbers
BF-J146T-PU
BF-J146TN-PU
(GMS-1344)



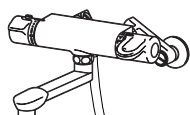
Wall-mounted
thermostatically controlled
faucets
(eModern)
Product numbers
BF-E146T-PU
BF-E146TN-PU
(GMS-1345)



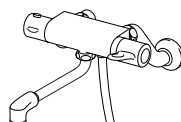
Wall-mounted
thermostatically controlled
faucets
(Moderno)
Product numbers
BF-X146T-MD-PU
BF-X146TN-MD-PU
(GMS-1346)



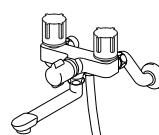
Wall-mounted
thermostatically controlled
faucets
(Auze)
Product numbers
BF-A146T-PU4
BF-A146TN-PU4
(GMS-1299)



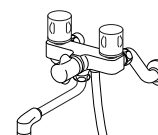
Wall-mounted
thermostatically controlled
faucets
(Astesia)
Product numbers
BF-7146T-PU1
BF-7146TN-PU1
(GMS-1077)



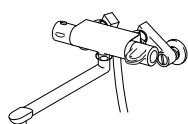
Wall-mounted
thermostatically controlled
faucets
(Mitis)
Product numbers
BF-M146T-PU1
BF-M146TN-PU1
(GMS-1078)



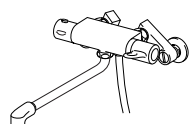
Wall-mounted 2-handle
faucets
(Astesia)
Product numbers
BF-7115H(90)-PU1
BF-7115HN(90)-PU1
(GMS-1062)



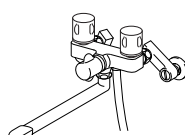
Wall-mounted 2-handle
faucets
(Mitis)
Product numbers
BF-M115H(100)-PU1
BF-M115HN(100)-PU1
(GMS-1062)



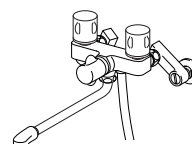
Wall-mounted
thermostatically controlled
faucets
(Astesia)
Product numbers
BF-7145T(250)-PU2
BF-7145TN(250)-PU2
(GMS-1077)



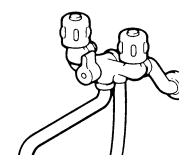
Wall-mounted
thermostatically controlled
faucets
(Mitis)
Product numbers
BF-M145T(250)-PU2
BF-M145TN(250)-PU2
(GMS-1078)



Wall-mounted 2-handle
faucets
(Astesia)
Product numbers
BF-7115H(250)-PU1
BF-7115HN(250)-PU1
(GMS-1062)



Wall-mounted 2-handle
faucets
(Mitis)
Product numbers
BF-M115H(250)-PU1
BF-M115HN(250)-PU1
(GMS-1062)



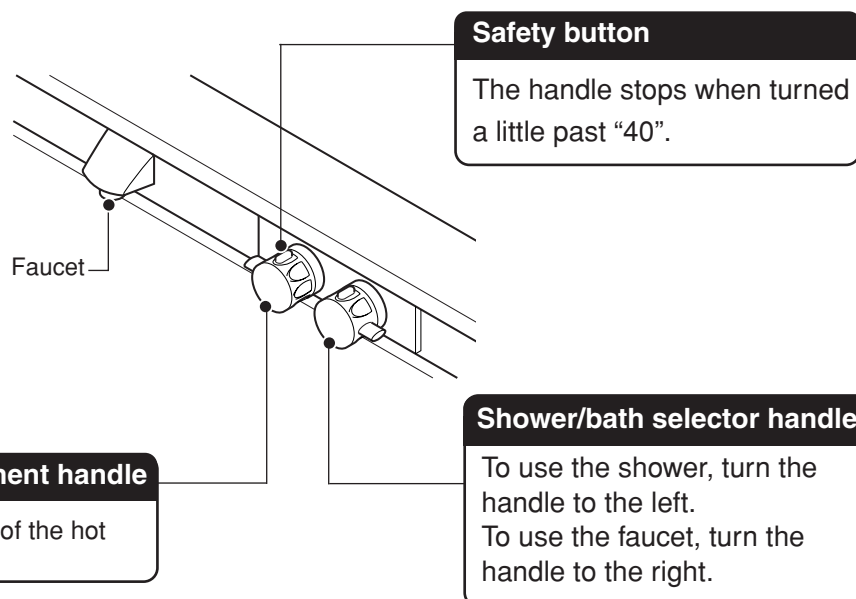
Wall-mounted 2-handle
faucets
Product numbers
BF-651(250)-PU4
BF-651(250)-U-PU4
(GMS-0083)

- * If your bathroom has a dresser counter attached, we recommend using a bath stool which is **about 20cm high**. Also, using a bath stool with rubber tipped legs protects the floor surface from scratches.
- * Do not use a bath stool with metal legs made of hard material like metal. Doing so can mark the floor and scrape the surface.
- * If you place the wash basin on the counter, it can fall on the floor, depending on how it is used and where it is placed.
Using a wash basin with **diameter below 27cm**, with rubber attached to the bottom surface, prevents sliding and scratches on the counter surface.

Use Method/Using Hot Water in the Washing Area

■ GTU, UDU Type Embedded Thermostatically Controlled Faucets

For details, see the User's Manual for the faucet (GMS-1268).

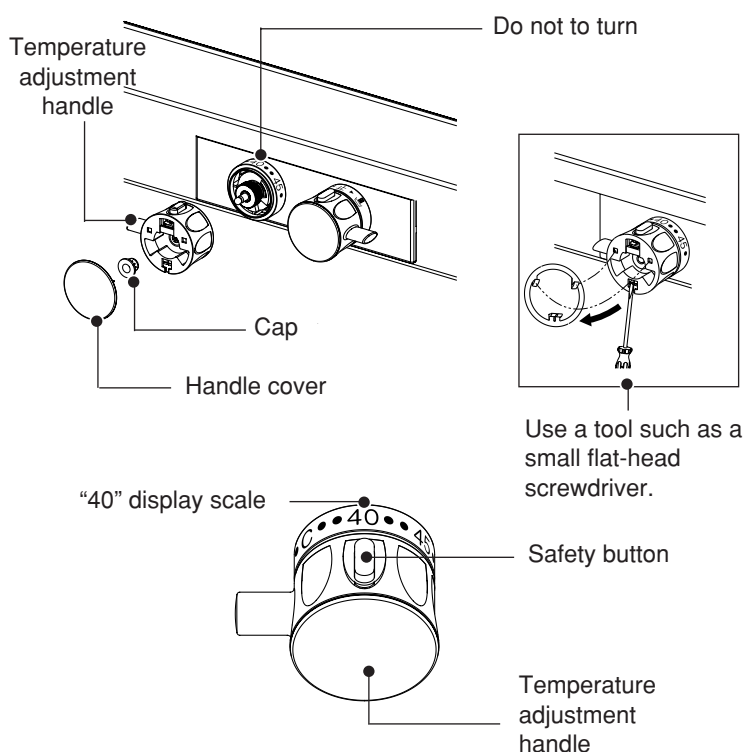


ONE POINT

When the handle is turned in the direction of the hot water side a little past "40", the safety button function stops the temperature adjustment handle to turn further. When it is necessary to obtain water hotter than 40°C (105°F), hold down the safety button and turn the handle. For precaution, the temperature scale on the hot water side stops near "45" (about 45°C/110°F).

● If the water temperature differs from that indicated on the temperature adjustment handle, take the following steps to adjust the temperature.

- 1 Turn the temperature adjustment handle until the water flowing out is about 40°C (105°F).
- 2 When the water flowing out is about 40°C, align the switch display button of the shower/bath selector handle with the "止" mark on the base, so the flow of water stops.
- 3 Remove the handle cover and cap, then pull off the temperature adjustment handle.
 - * Remove the cap with a tool like a small flat-head screwdriver.
 - * Take care not to turn the temperature adjustment handle.
- 4 Take the temperature adjustment handle which you pulled off, and insert it so that its safety button aligns with "40" on the temperature display.
- 5 Replace the handle cover and cap.



Use Method/Using Hot Water in the Washing Area

■ If You Have a Push Faucet

For details, please see the User's Manual for the faucet (GMS-1317).

⚠ Caution



Before using, check if it is on the faucet side or shower side, then operate the ON/OFF button.

* If you make a mistake, there is a danger of **being unexpectedly covered with hot water and burned**.



Do not put a heavy object such as a glass container on the counter.

* If it slips and falls, there is a danger of **injury**.

How to start and stop hot water from the faucet

Push the faucet ON/OFF button. The button comes out (■) and hot water flows from the faucet.

To stop, push the faucet ON/OFF button again. The button returns to its original position (—).

Water stops flowing.

How to start and stop hot water from the shower

Push the shower ON/OFF button. The button comes out (■) and hot water flows from the shower.

To stop, push the shower ON/OFF button again. The button returns to its original position (—).

Water stops flowing.

* Do not turn on the water from both the shower and faucet at the same time. There will be less water pressure.

How to adjust the water pressure

For more pressure, turn the water pressure adjustment jog dial clockwise. Turn counterclockwise for less pressure.

* You can not stop the water with the water pressure adjustment jog dial. Operate the ON/OFF button to start or stop the water.

How to adjust temperature

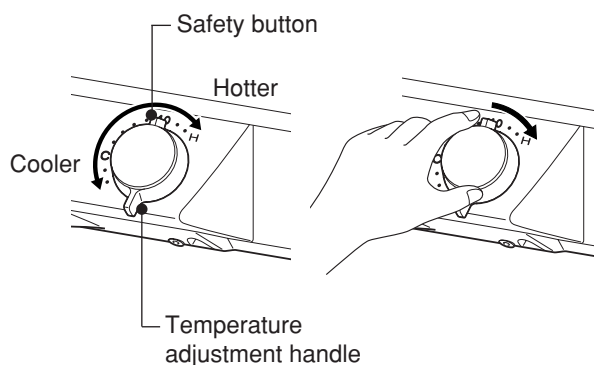
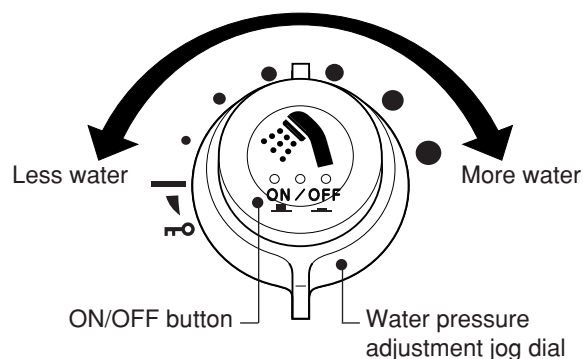
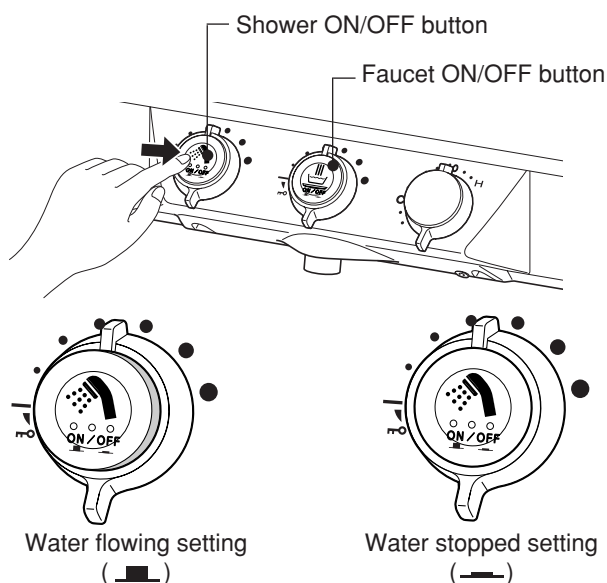
The temperature display number (temperature scale) indicates the water temperature. Operate the temperature adjustment handle as desired to adjust the water temperature.



ONE POINT

When the handle is turned in the direction of the hot water side a little past “40”, the safety button function stops the temperature adjustment handle to turn further. When it is necessary to obtain water hotter than 40°C (105°F), hold down the safety button and turn the handle. For precaution, the temperature scale on the hot water side stops near “H” (about 45°C/110°F).

* The illustration is type R. The arrangement is opposite for type L.



Use Method/Using Hot Water in the Washing Area

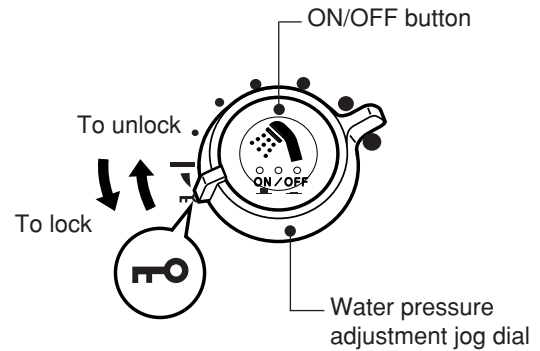
How to lock the button

Use this when cleaning, to prevent accidental operation.

To lock the button, set the button to OFF (hot water stops) (—), and turn the water pressure jog dial to ().

The button is locked. (the button's ON/OFF is locked)

- * You cannot set the button lock while the button is ON (water is flowing) (). First stop the water, then set the lock.
- * If water is flowing, do not push the ON/OFF button while turning the water pressure adjustment jog dial to the left. The button will lock, and the water cannot be stopped.



How to unlock the button

Return the water pressure adjustment jog dial to the (—) position.

Caution

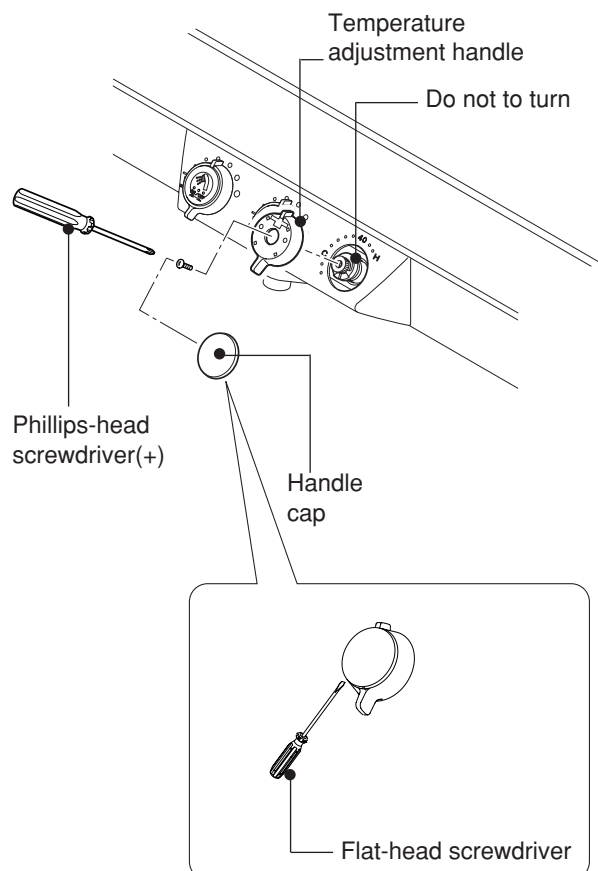


Do not use strength to pull the water pressure adjustment jog dial towards you.

- * There is a danger that the water pressure adjustment jog dial will come off, **causing injury or damage**. If the water pressure adjustment job dial comes off, see the faucet 's User's Manual, and attach it.

● If the water temperature differs from that indicated on the temperature adjustment handle, take the following steps to adjust the temperature.

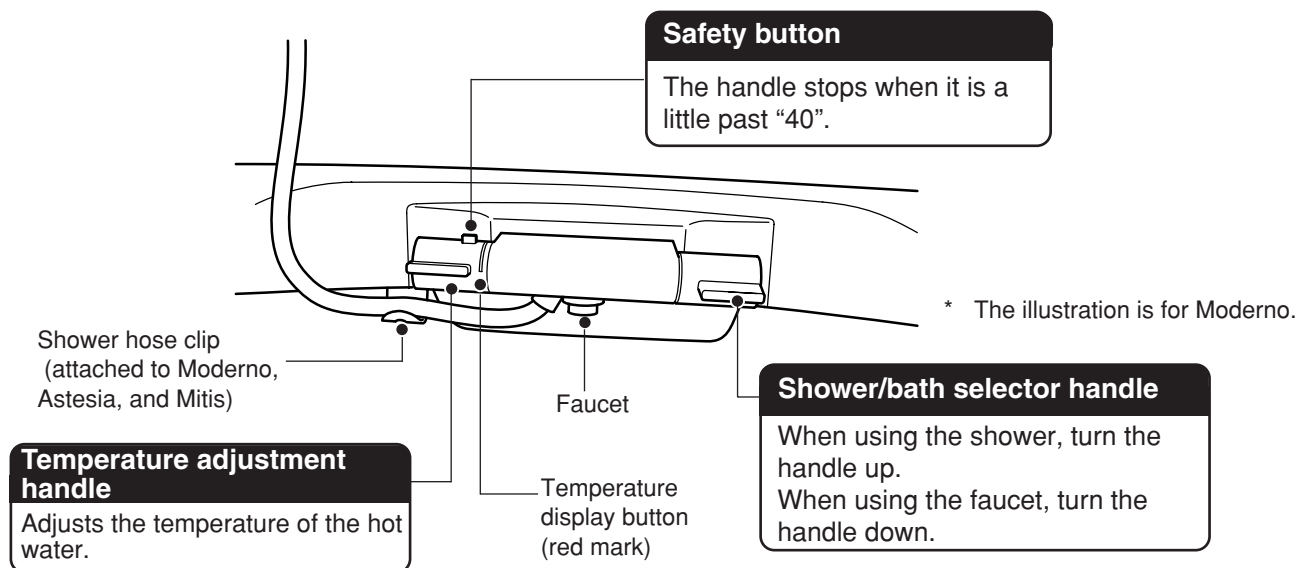
- 1 Turn the temperature adjustment handle until the water flowing out is about 40°C (105°F).
- 2 When the water flowing out is about 40°C, push the faucet ON/OFF button to stop the water.
- 3 Remove the handle cap, loosen the screw, and pull off the temperature adjustment handle.
 - * Remove the cap with a tool like a small flat-head screwdriver.
 - * Take care not to turn the temperature adjustment handle.
- 4 Take the temperature adjustment handle which you pulled off, and insert it so that its safety button aligns with "40" on the temperature display cover.
- 5 Tighten the screw, and replace the handle cap.



Use Method/Using Hot Water in the Washing Area

■ If You Have an SSU Counter Type (Jeweller, eModern, Moderno, Astesia, Mitis)

For details, see the faucet User's Manual (GMS-1347).



For Moderno, Astesia, and Mitis faucets

When using the faucet, if you hang the shower hose on the hose clip, the shower hose will be out of your way and easier to use.

- * Do not pull the shower hose strongly while the shower hose is hanging on the hose clip.
- * Note that you can not hang the shower head in the upper shower hook, nor raise the slide bar to the higher position while the shower hose is hanging on the hose clip.

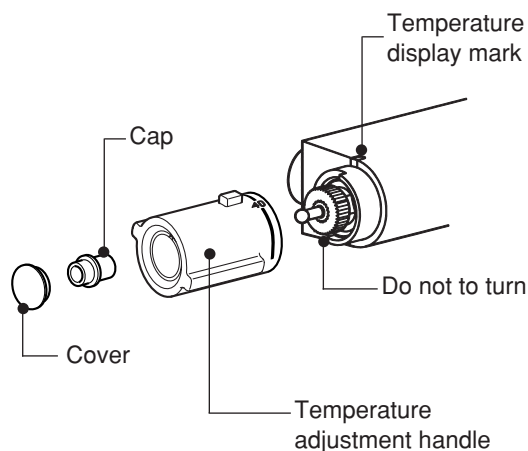


ONE POINT

When it is turned in the direction of the hot water side a little past "40", the safety button function stops the temperature adjustment handle to turn further. When it is necessary to obtain water that is hotter, hold down the safety button and turn the handle. For precaution, the temperature scale on the hot water side stops near "45" (about 45°C/110°F).

● If the water temperature differs from that indicated on the temperature adjustment handle, take the following steps to adjust the temperature.

- 1 Turn the temperature adjustment handle until the water flowing out is about 40°C (105°F).
- 2 When the water flowing out is about 40°C, adjust the switch display mark on the shower/bath selector handle to the "止" position, to stop the water.
- 3 Remove the cover and cap, and pull off the temperature adjustment handle.
 - * Take care not to turn the temperature adjustment handle.
- 4 Take the temperature adjustment handle which you pulled off, and attach it so that its temperature display mark aligns with "40" on the temperature display.
- 5 Tighten the screw, and replace the handle cap.

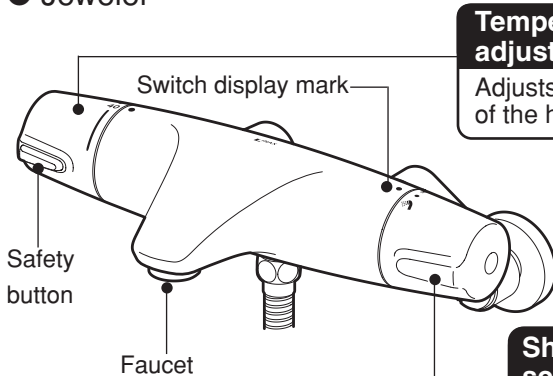


Use Method/Using Hot Water in the Washing Area

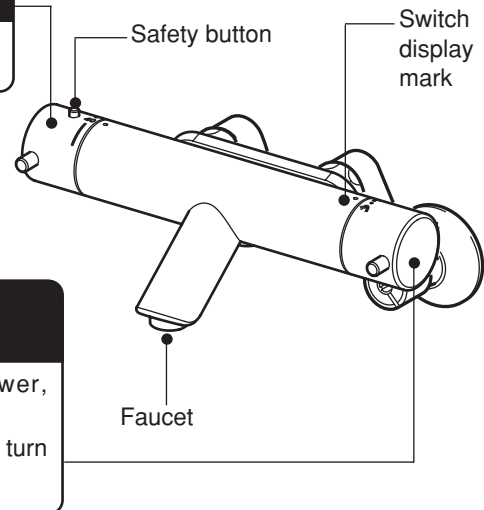
■ For Wall-Mounted Thermostatically Controlled Faucets

For details, please see the User's Manual for the faucet (Jeweler: GMS-1344, eModern: GMS-1345, Moderno: GMS-1346, Auze: GMS-1299).

● Jeweler



● eModern

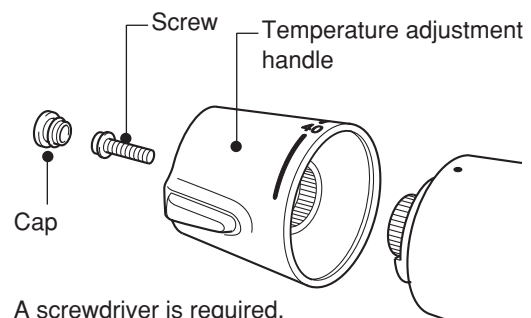


ONE POINT

When the handle is turned in the direction of the hot water side a little past "40", the safety button function stops the temperature adjustment handle to turn further. When it is necessary to obtain water hotter than 40°C (105°F), hold down the safety button and turn the handle. For precaution, the temperature scale on the hot water side stops near "45" (about 45°C/110°F).

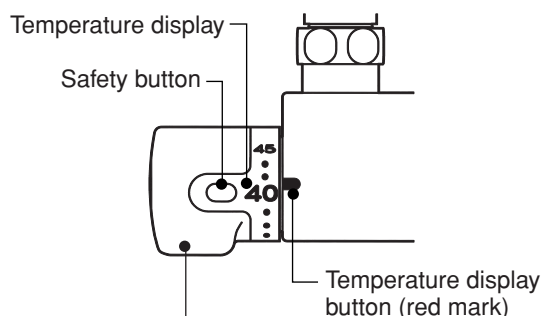
● If the water temperature differs from that indicated on the temperature adjustment handle, take the following steps to adjust the temperature.

- 1 Turn the temperature adjustment handle until the water flowing out is about 40°C (105°F).
- 2 When the water flowing out is about 40°C, align the switch display mark of the shower/bath selector handle with the "•" mark on the base, so the flow of water stops.
- 3 Remove the cap, loosen the screw, and pull off the temperature adjustment handle.
* Take care not to turn the temperature adjustment handle.
- 4 Take the temperature adjustment handle which you pulled off, and insert it so that its temperature display "40" aligns with the temperature display mark.
- 5 Tighten the screw and replace the cap.



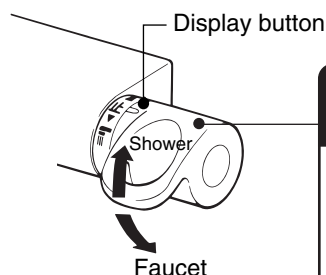
■ For Wall-Mounted Thermostatically Controlled Faucets (Astesia, Mitis)

For details, please see the User's Manual for the faucet (Astesia: GMS-1077, Mitis: GMS-1078).



Temperature adjustment handle

Align the desired temperature on the temperature scale with the temperature display button (red mark).



Shower/bath selector handle

When using the shower, turn the handle up. When using the faucet, turn the handle down.

* The illustration is for Astesia.

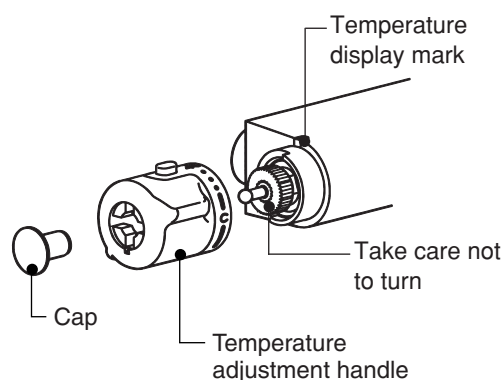


ONE POINT

When the handle is turned in the direction of the hot water side a little past "40", the safety button function stops the temperature adjustment handle to turn further. When it is necessary to obtain water hotter than 40°C (105°F), press down the safety button and turn the handle. For precaution, the temperature scale on the hot water side stops near "45" (about 45°C/110°F).

● If the water temperature differs from that indicated on the temperature adjustment handle, take the following steps to adjust the temperature.

- ❶ Turn the temperature adjustment handle until the water flowing out is about 40°C (105°F).
- ❷ When the water flowing out is about 40°C, align the switch display mark of the shower/bath selector handle with the "止" mark on the base, so the flow of water stops.
- ❸ Remove the cap, and pull off the temperature adjustment handle.
 - * Once the cap is removed, you can pull off the temperature adjustment handle with your hand.
 - * Take care not to turn the temperature adjustment handle.
- ❹ Take the temperature adjustment handle which you pulled off, and insert it so that its temperature display "40" aligns with the temperature display mark.
- ❺ Replace the cap.



Use Method/Using Hot Water in the Washing Area

■ For Wall-Mounted 2-Handle Faucets [Dual Bathtub and Washing Area Faucets] (Astesia, Mitis)

For details, please see the User's Manual for the faucet (GMS-1062).

Hot water side handle

Turns on and stops the flow of hot water.
The mark on the handle is red.

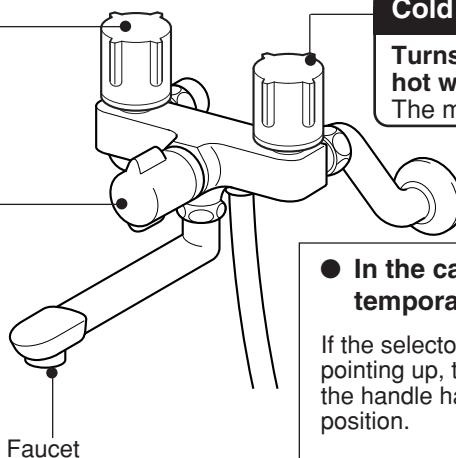
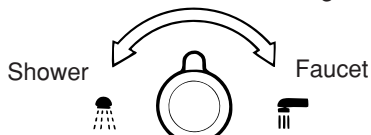
Cold water side handle

Turns on and stops the flow of hot water.
The mark on the handle is blue.

Selector handle

Switches between the shower and the faucet.

When using the shower, turn the handle to the left, and when using the faucet, turn the handle to the right.

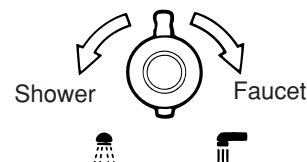


* The illustration is for Astesia.

● In the case of faucets with the temporary water cutoff function

If the selector handle is turned so that it is pointing up, the effect is the same as if the handle has been turned to the Stop position.

Temporary water cutoff



* To turn off the water, first turn the hot water side handle to stop the flow of hot water, then turn the cold water side handle and stop the flow of cold water.

* After use, turn the selector handle to the faucet side.

■ Wall-Mounted 2-Handle Faucets [Dual Bathtub and Washing Area Faucets]

For details, see the User's Manual for the faucet (GMS-0083).

Hot water side handle

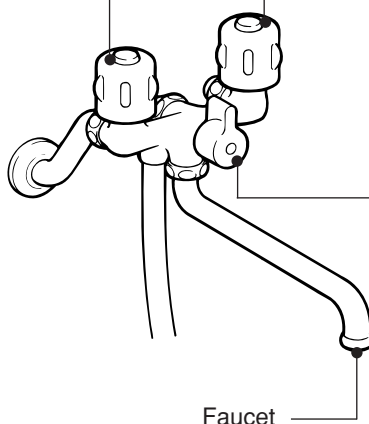
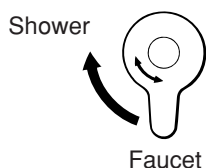
Turns on and stops the flow of hot water.
The mark on the handle is red.

Cold water side handle

Turns on and stops the flow of hot water.
The mark on the handle is blue.

● If it has an auto return function

When using the shower, temporarily turn on the water from the faucet side, then turn the selector handle up to use the shower. When the water is stopped, the selector handle automatically returns to the faucet side.

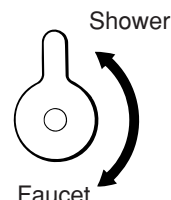


Faucet

Selector handle

Switches between the shower and the faucet.

When using the shower, turn the handle to the left, and when using the faucet, turn the handle to the right.



* To turn off the water, first turn the hot water side handle to stop the flow of hot water, then turn the cold water side handle and stop the flow of cold water.

Use the Shower

■ Shower Types

Please check your shower type.



Massage shower with
switch
Product number
BF-6GWBP(1.6)-PU



Massage shower
(metallic tone)
Product number
BF-6MBM(1.6)-PU2



Spray shower
(metallic tone)
Product number
BF-6LBM(1.6)-PU2



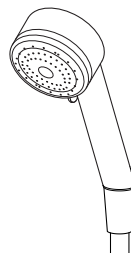
Switch shower
Product number
BF-8WBP(1.6)-PU



Spray shower
Product number
BF-6JBP



Spray shower
Product number
BF-6CBP(1.6)-PU



Only for eModern
Spray shower (metallic tone)
Product number
BF-6FMB(1.6)-PU

Use Method/Using Hot Water in the Washing Area

■ If You Have a Massage Shower with Switch

For details, please see the User's Manual for the shower.

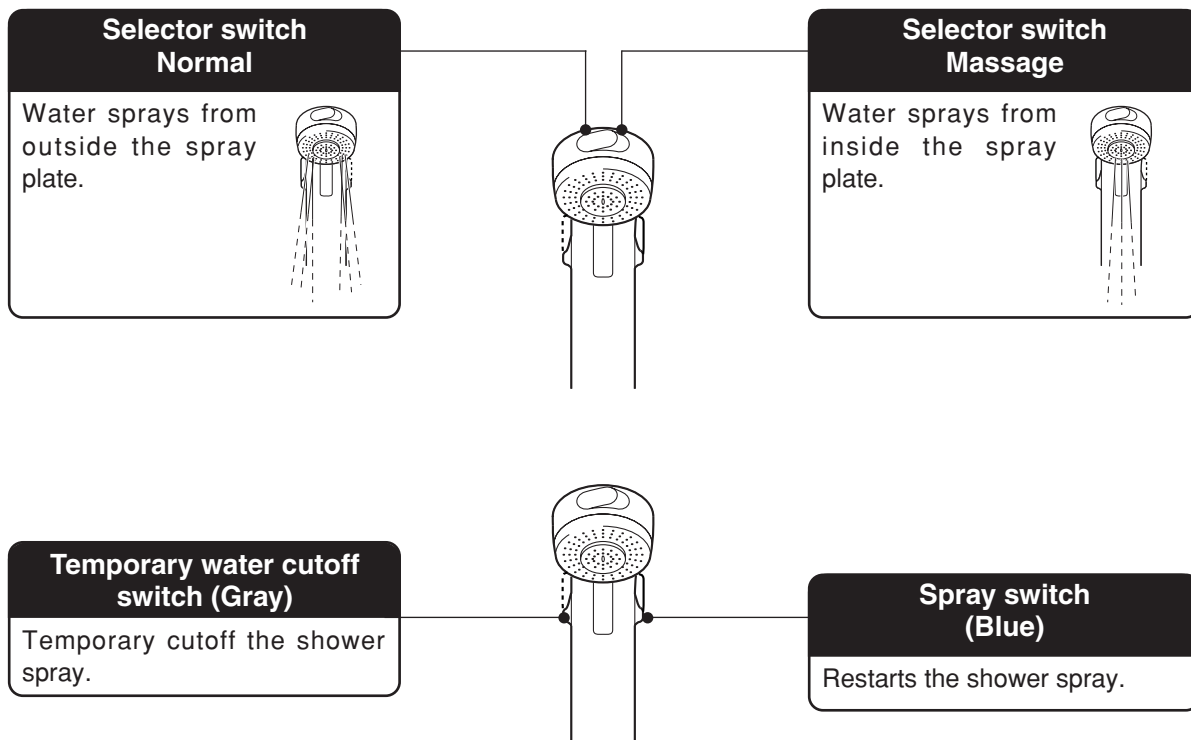
Caution



Always be sure to check the water temperature before using water from a faucet or shower.

* High temperature water could come out and **cause burns**.

Using a selector switch in the front end of the shower head, the type of shower spray can be switched between Normal and Massage.



Water can still trickle out from inside the shower head for a few seconds after stopping the water, but this is water remaining in the shower head. This is not a defect in the faucet water shutoff. When returning to the shower hook, first drain the remaining water completely out of the shower head, then return it to the shower hook.

To change from a Spray shower to a Shower with switch, it must be replaced from the shower elbow or the faucet base.

Use Method/Using Hot Water in the Washing Area

■ If You Have a Massage Shower

For details, see the User's Manual for the shower.

Caution



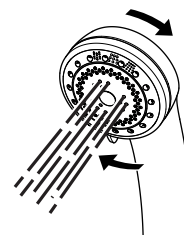
Always be sure to check the water temperature before using water from a faucet or shower.

* High temperature water could come out and **cause burns**.

Turning the selector ring switches between Massage shower - Spray shower - Mist shower.

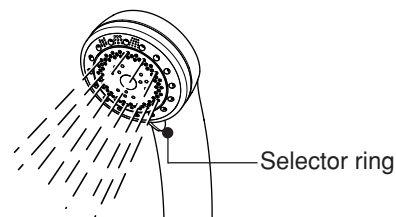
Massage Shower

The shower sprays water intermittently. The same effect as having a massage is obtained.



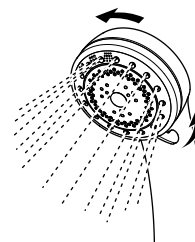
Spray Shower

This is a fine, vigorous shower spray. The appropriate massage effect can be obtained.



Mist shower

This is a good-feeling fine mist shower spray which is gentle on the body and has a mild feel.



Water can still trickle out from inside the shower head for a few seconds after stopping the water, but this is water remaining in the shower head. This is not a defect in the faucet water shutoff. When returning to the shower hook, first drain the remaining water completely out of the shower head, then return it to the shower hook.

Use Method/Using Hot Water in the Washing Area

Use the Shower de Bath

Warning



Always be sure to check the water temperature before use.

* High temperature water could come out and **cause burns**.

Caution



To avoid placing undue force on the arm, please operate it slowly.

* Fingers can be caught between the wall and the arm, **causing injury or damage**.



Do not attempt to operate the handle and turn off the water suddenly.

* Doing this causes a **water hammer (impact sound)** effect.

* It also causes water to leak from the pipes and can **damage household goods, etc.**

■ How to Use the Shower de Bath

For details, see the User's Manual for the Shower de Bath (GPU-0164).

- 1 Slowly turn the full body shower handle to the left.

Stop turning for a moment when you reach ( 温度確認), let cold water drain out of the pipe through the faucet, and check the temperature with your hand.

* Cold water drains from the faucet, so run it in the wash basin to keep the water from splashing.

- 2 Adjust the arm's angle to a position where the spray from the nozzle does not hit your face.

- 3 Slowly turn the full body shower handle to the left.

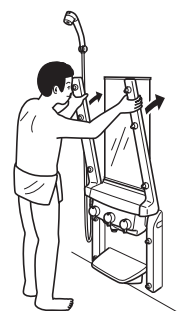
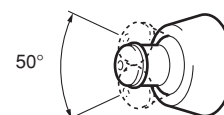
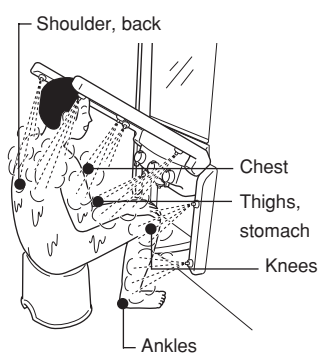
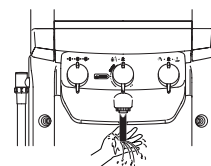
- 4 Adjust the arm position and nozzle angle.

* The full body shower feels cooler than water from a hand shower or faucet.

- 5 Align the full body shower handle's projection with the “止” mark shown to stop the water.

* To drain water remaining in the Shower de Bath, water comes out of the nozzle for a while even after stopping.

- 6 After use, return the arm to the wall surface.

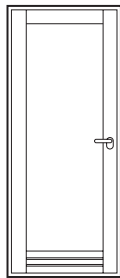


Use Method/Opening and Closing the Door

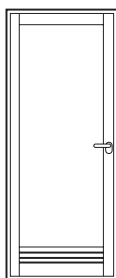
Locking and Unlocking a Door

■ Door Type

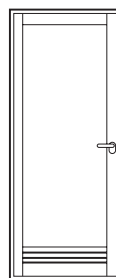
Check your door type.



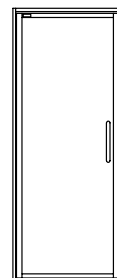
Type R swing door
RDY-□□ (□)



Type U swing door
UDY-□□ (□)



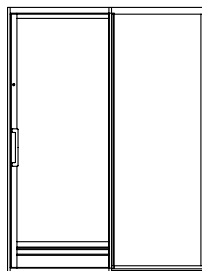
Free select swing door
HDY-□□ (□)



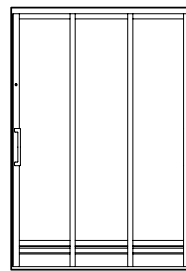
Tempered swing door
TDY-□□ (□)



Folding door
VDY-□□ (□)



One way sliding door
SDY-□□ (□)



3-piece sliding door
SDY-□□ (□)

Before using the bathroom unit, check if it is possible to unlock the door while the door is in the open state. If by any chance the door cannot be unlocked, contact the retailer where you purchased the bathroom unit.

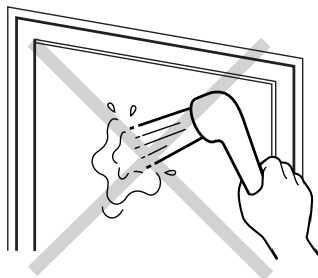
Except when the bath is in use, it is recommended that the bathroom door be closed and locked from the outside to prevent small children from going into the bathroom by themselves.

⚠ Caution



Do not splash water directly on the door or doorframe.

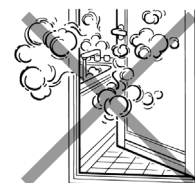
* Doing so could cause water to leak outside the bathroom and **get the household goods, etc. wet.**



While taking a bath, or filling the hot water or immediately after taking a bath, be sure to keep the door closed.

* Opening the door causes the steam to escape or water to leak outside the bathroom, **getting the household goods wet.**

* Even if the door is kept tightly closed, if a vigorous shower is taken causing the water to splash against the crack around the door, some water may leak outside the bathroom. The door's construction is not such as to **completely block out steam or light.**



Use Method/Opening and Closing the Door

■ If You Have a Swing Door (Lever Handle) (Common for Type R, Type U, and Free Select)

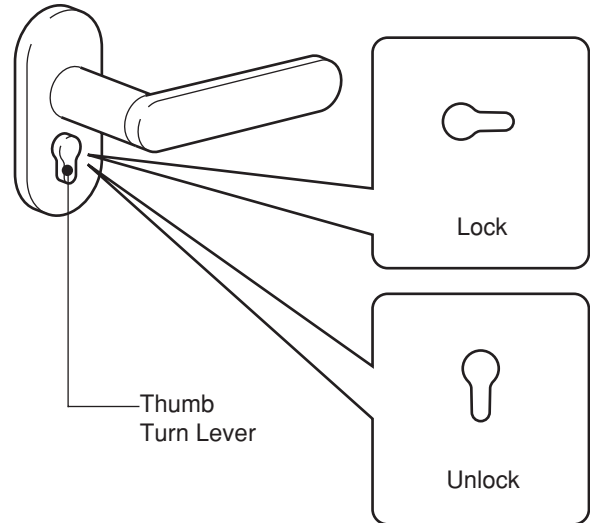
● How to Use the Lock

From inside the bathroom

To lock the door, move the thumb turn lever to the right so that it is horizontally oriented.

To unlock the door, move the thumb turn lever so that it is pointing down.

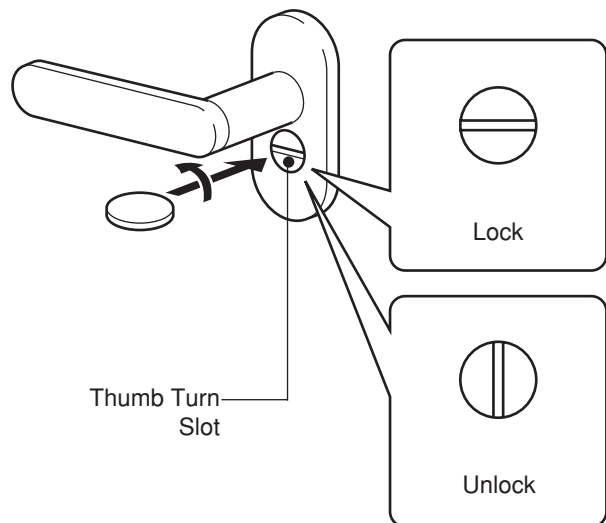
* If you leave the thumb turn lever horizontally oriented when closing the door as you leave the bathroom, the door will lock.



From outside the bathroom

Fit a coin, etc. in the thumb turn slot and turn. To lock, turn until the thumb turn slot is horizontally oriented.

Fit a coin, etc. in the thumb turn slot and turn. To unlock, turn until the thumb turn slot is vertically oriented.



Use Method/Opening and Closing the Door

■ If You Have a Swing Door (Push Pull Handle, Free Select Door)

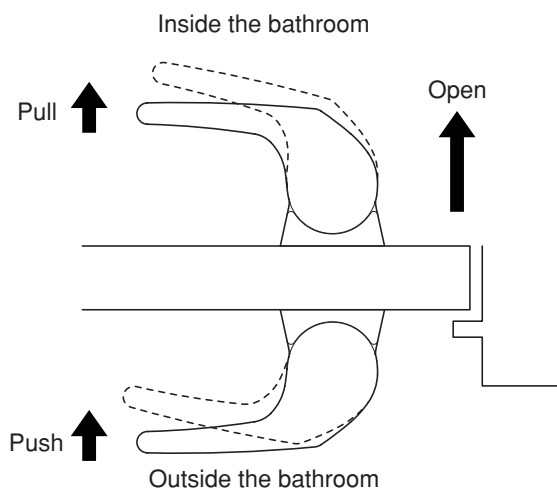
● How to use the push pull handle

From inside the bathroom

“Pull” the handle to open the door.
To close the door, push the handle.

From outside the bathroom

“Push” the handle to open the door.
To close the door, pull the handle.



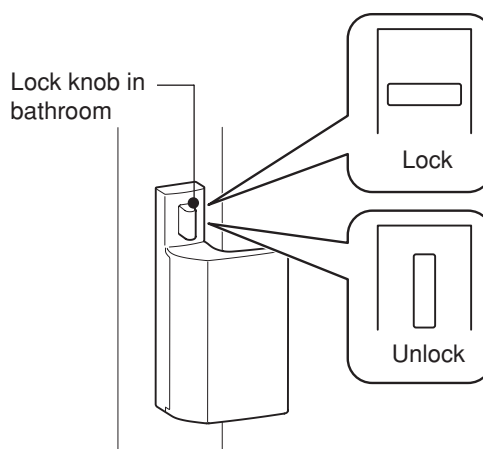
● How to use the lock

From inside the bathroom

Lock: Turn the lock knob outside the bathroom so that it is horizontally oriented.

Unlock: Turn the lock knob outside the bathroom so that it is vertically oriented.

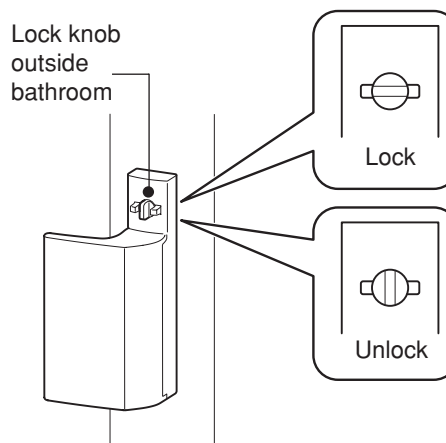
* If you leave the lock knob horizontally oriented when closing the door as you leave the bathroom, the door will lock.



From outside the bathroom

Lock: Turn the lock knob inside the bathroom so that it is horizontally oriented.

Unlock: Turn the lock knob inside the bathroom so that it is vertically oriented.



If force is applied to push the handle outside the bathroom, the door will open. Locking the door when closed is recommended, to avoid the door opening by mistake.

Use Method/Opening and Closing the Door

■ If You Have a Tempered Swing Door

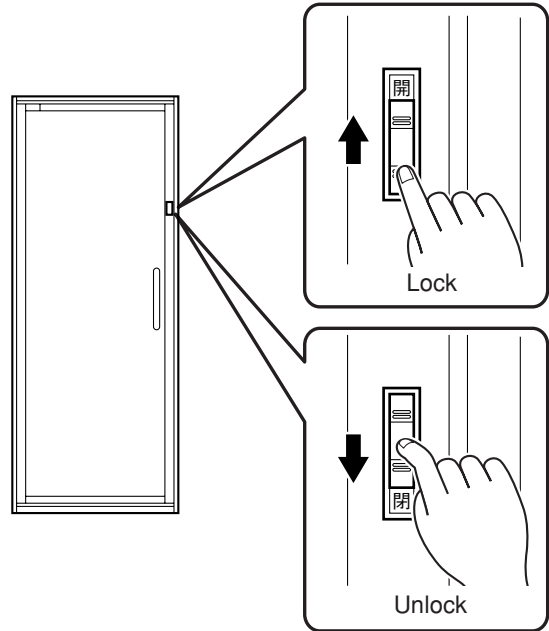
* Some types have no lock mechanism.

● How to use the lock

From inside the bathroom

To lock the door, push up the lock knob at the top of the door.

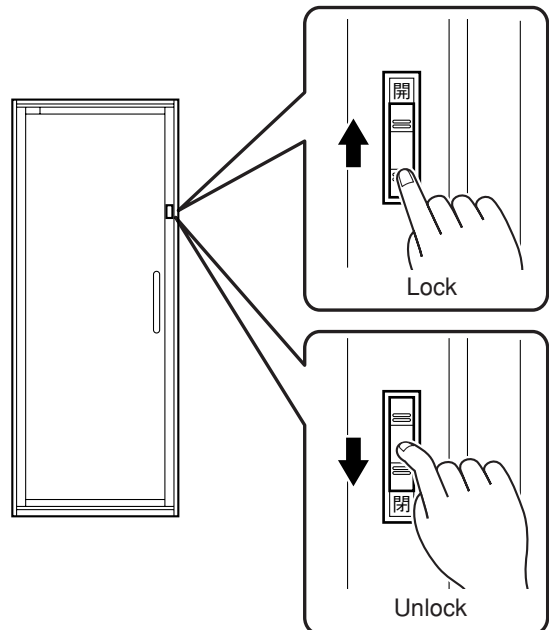
To unlock the door, lower the lock knob.



From outside the bathroom

To lock the door, push up the lock knob at the top of the door.

To unlock the door, lower the lock knob.



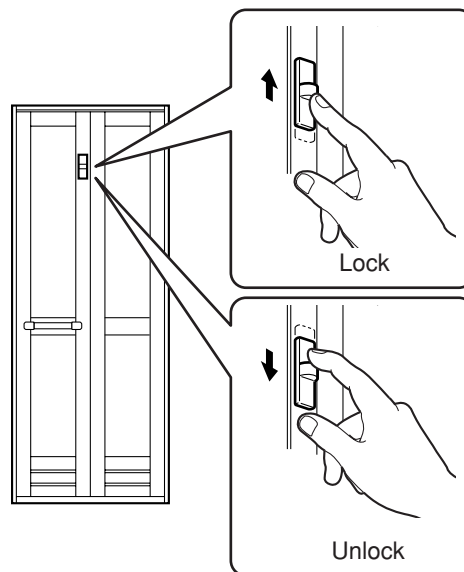
■ If You Have a Folding Door

● How to use the lock

From inside the bathroom

To lock the door, push up the lock knob at the top of the door.

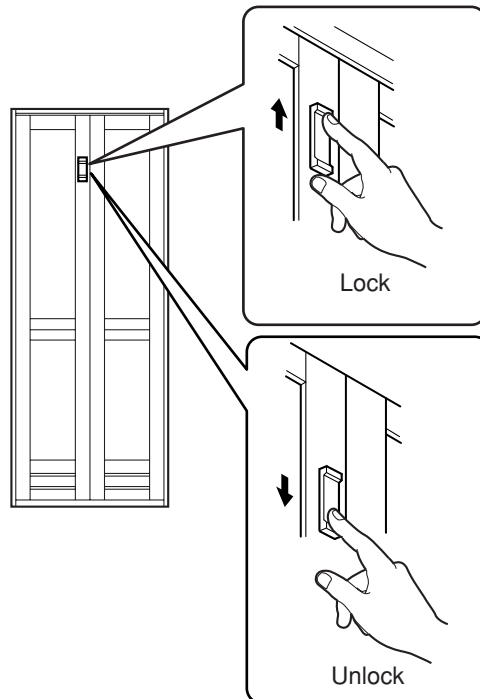
To unlock the door, lower the lock knob.



From outside the bathroom

To lock the door, push up the lock knob at the top of the door.

To unlock the door, lower the lock knob.



Use Method/Opening and Closing the Door

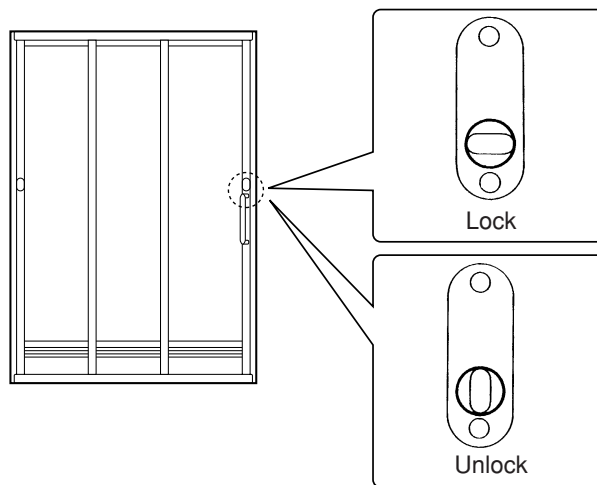
■ If You Have a 3-Piece Sliding Door or One Way Sliding Door

● How to use the lock

From inside the bathroom

To lock the door, turn the knob so that it is horizontally oriented.

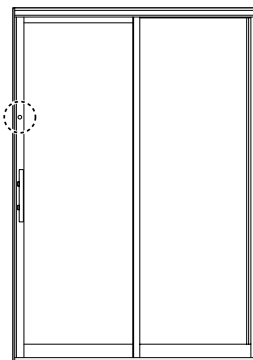
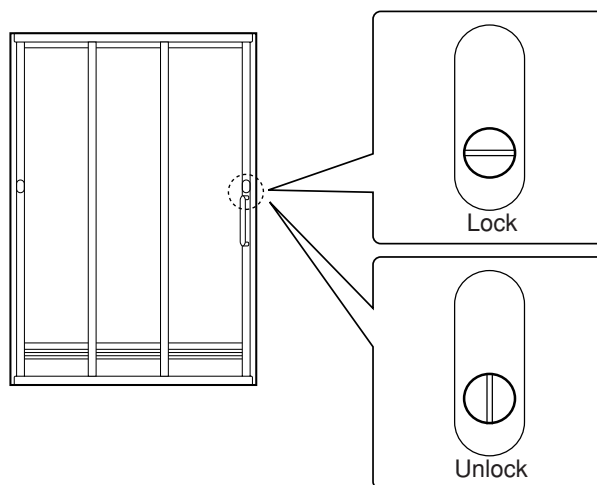
To unlock the door, turn the knob so that it is vertically oriented.



From outside the bathroom

Fit a coin, etc. in the thumb turn slot and turn.
To lock, turn until the thumb turn slot is horizontally oriented.

Fit a coin, etc. in the thumb turn slot and turn.
To unlock, turn until the thumb turn slot is vertically oriented.

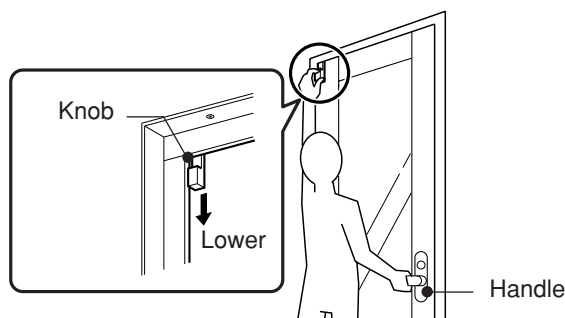


Remove the Door in an Emergency

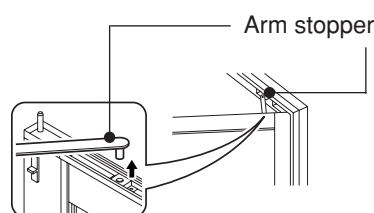
■ If You Have a Swing Door (Common For Type R and Type U)

Remove the door

- ❶ From outside the bathroom, lower the lock knob in the top of the door frame.
- ❷ Turn the lever handle and open the door a little into the bathroom.
Do not let go of the door until it is removed.

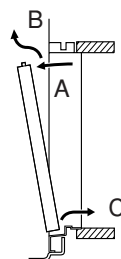


- ❸ Push up the arm stopper in the top of the door, pulling it out of the frame.



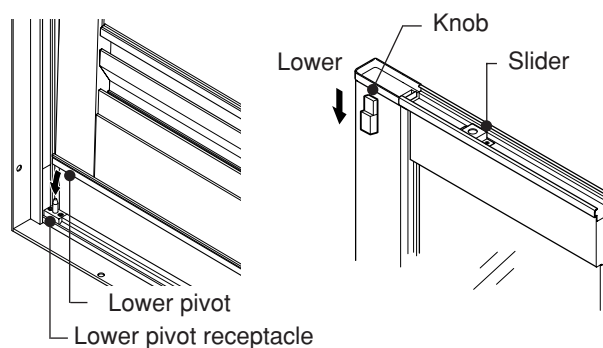
- ❹ Tilt the top of the door into the bathroom (A), and lift the door upward (B).

While tilting the door slightly, pull it outside the bathroom (C).



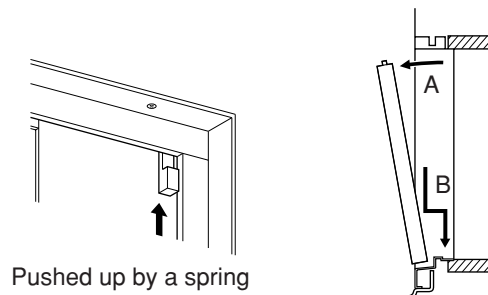
Reinstall the door

- ❶ While slightly tilting the door from outside the bathroom (A), carry it inside the bathroom, and insert the door's lower pivot into the lower pivot receptacle (B).
- ❷ Following the above ❷ and ❸ in reverse order, attach the arm stopper in the top of the door.
- ❸ Raise the lock knob on the top of the door frame, and the door is secured.



* Check and clean if there is dirt sticking to the lower frame channel and door bottom. After reinstalling, check that the arm stopper is correctly attached.

* After installation, make sure the lock knob is returned to its original position (up position).

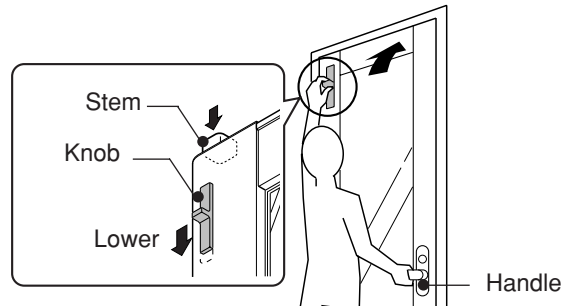


Use Method/Opening and Closing the Door

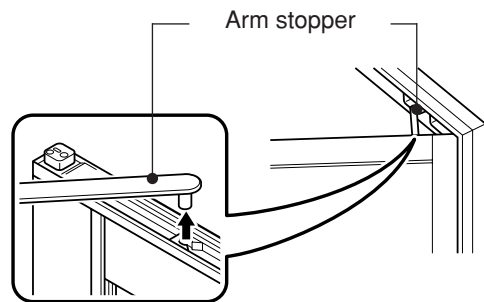
■ If You Have a Free Select Swing Door

Remove the door

- 1 From outside the bathroom, lower the lock knob on the top of the door frame.
- 2 Turn the lever handle and open the door a little into the bathroom.
Do not let go of the door until it is removed.

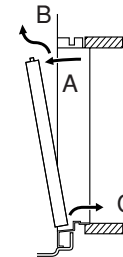


- 3 Push up the arm stopper in the top of the door, pulling it out of the frame.



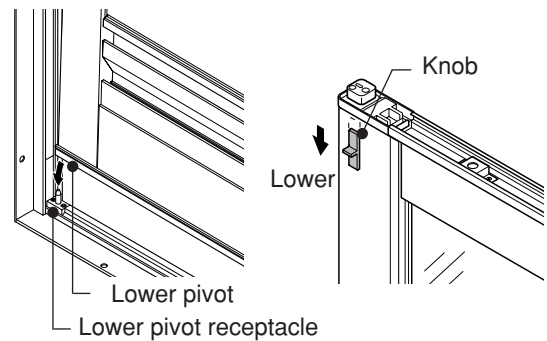
- 4 Tilt the top of the door into the bathroom (A), and lift the door upward (B).

While tilting the door slightly, pull it outside the bathroom (C).

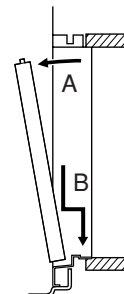


Reinstall the door

- 1 While slightly tilting the door from outside the bathroom (A), carry it inside the bathroom, and insert the door's lower pivot into the lower pivot receptacle (B).
While holding the lock knob down, insert the top of the door.
- 2 Use the steps on the following page to attach the arm stopper in the top of the door.
- 3 Raise the lock knob on the top of the door frame, and the door is secured.



- * Check and clean if there is dirt sticking to the lower frame channel and door bottom. After reinstalling, check that the arm stopper is correctly attached.
- * After installation, make sure the lock knob is returned to its original position (up position).

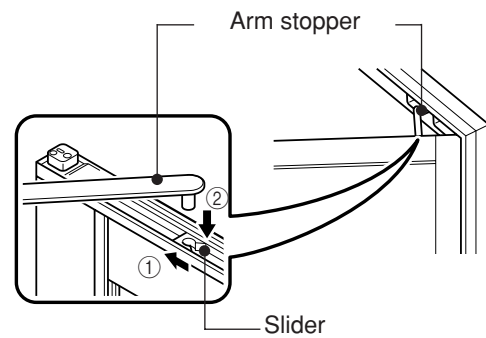


● About the arm stopper on the free select swing door

There is an arm stopper attached in the top of the free select swing door.

If it comes off by chance, use the following outline to attach it.

- ➊ Move the slider on the top edge of the door to the side where the door is hinged.
- ➋ While the door is half open, insert the arm stopper's plug into the door frame channel.
- ➌ Fully open the door, and the arm stopper is held by the slider.



Use Method/Opening and Closing the Door

■ If You Have a Tempered Swing Door

⚠ Caution



You can remove the door by using a tool such as a flat-head screwdriver to push up the metal emergency release lever on the top of the door. But this is extremely dangerous as the door is made of tempered glass.

Never touch the emergency release lever except in an emergency.

* The door could come off and fall over, resulting in broken glass and **injury**.



When removing the door in an emergency, always be sure to do it with 2 or more people.

* The door is extremely heavy, so when it cannot be supported, it can fall over causing injury or a hurt back.



When removing and attaching the door, it is not secured. Always be sure to have one person supporting the door while working.

Remove the door

- 1 Open the door less than 1/3.

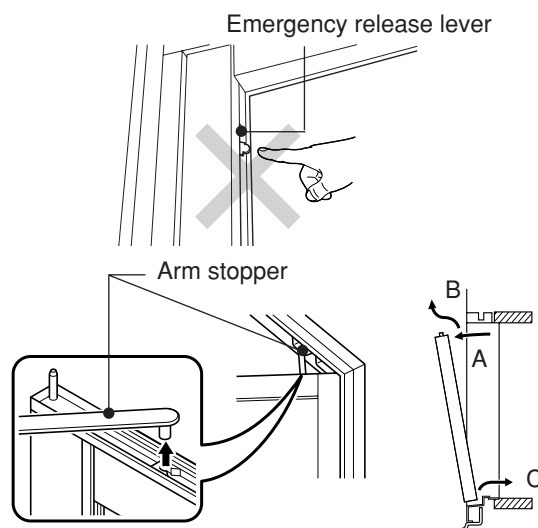
* The door cannot be removed if it is open more than 1/3.

- 2 Raise the emergency release lever to release the door.

- 3 Push up the arm stopper in the top of the door, pulling it out of the frame.

- 4 Tilt the top of the door into the bathroom (A), and lift the door upward (B).

While tilting the door slightly, pull it outside the bathroom (C).



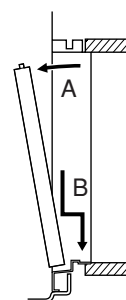
Reinstall the door

- 1 While slightly tilting the door from outside the bathroom (A), carry it inside the bathroom, and insert the door's lower pivot into the lower pivot receptacle (B). Insert the top of the door.

- 2 Attach the arm stopper.

- 3 Lower the emergency lever.

- 4 Check that the door is securely installed.



● About the arm stopper on the tempered swing door

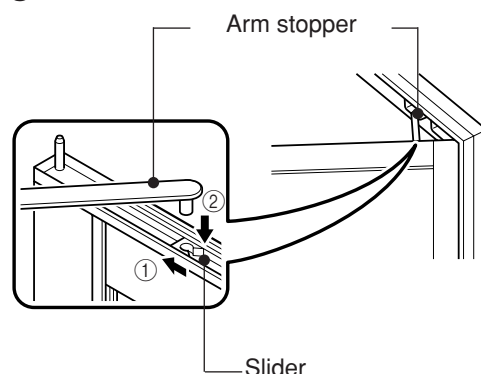
There is an arm stopper attached in the top of the tempered swing door.

If it comes off by chance, use the following outline to attach it.

- 1 Move the slider on the top edge of the door to the side where the door is hinged.

- 2 While the door is half open, insert the arm stopper's plug into the door frame channel.

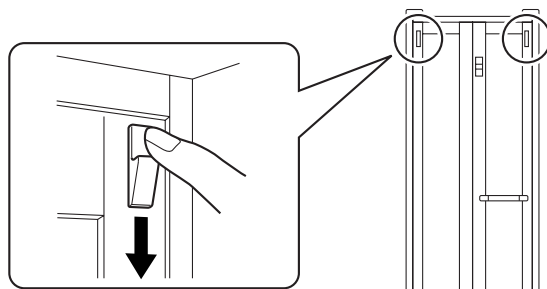
- 3 Fully open the door, and the arm stopper is held by the slider.



■ If You Have a Folding Door

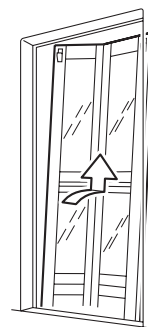
Remove the door

- ❶ From inside the bathroom, lower the lock knobs in two places, at the top left and top right of the door.



- ❷ Tilt the top of the door into the bathroom. Lift the door upward. Remove the upper door wheels from the upper door frame.

* The door could fall into the bathroom side, so keep firm control of the door.



Reinstall the door

- ❶ Align the direction of the door wheels as shown in the illustration.
- ❷ Lower the lock knobs in two places, at the top left and top right of the door. Attach the door.

* Incorrect installation could cause water leakage or the door to come off the frame when opening or closing.

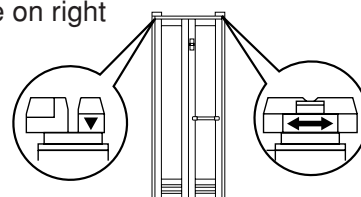
* Attach the door while open. It cannot be attached while folded.

* Even if the lock knobs cannot raise and lower the upper door wheels, do not remove the upper door wheels and lock knobs from the door. They cannot be returned to their original positions.

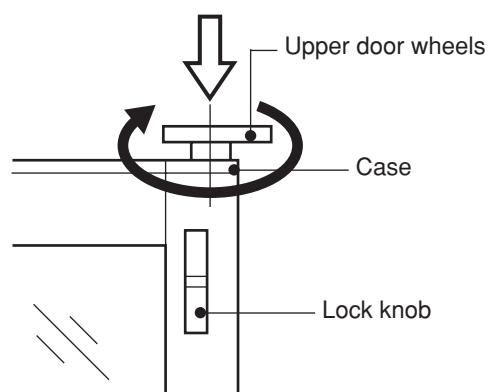
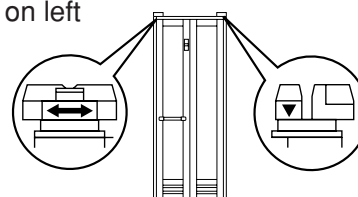
* When placing the removed door, be careful not to drop the door. There is a danger of damaging to the lower door wheels.

* When installing, check that there is not dirt stuck to the wheels below the door, then attach.

If handle on right



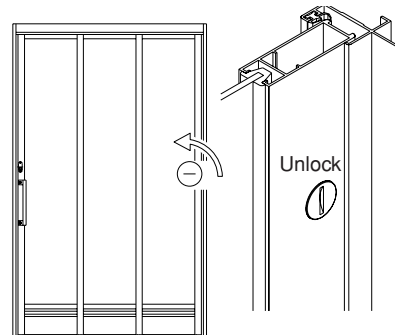
If handle on left



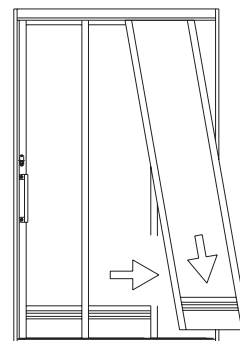
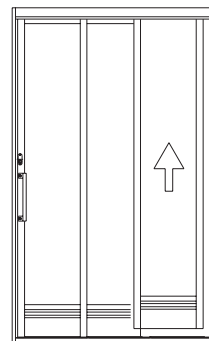
Use Method/Opening and Closing the Door

■ If You Have a 3-Piece Sliding Door or One Way Sliding Door

- 1 Use an item like a coin to open the lock on the fixed side of the door.



- 2 Lift up the door, and remove it while pulling the lower part towards you. For a 3 piece door, use the same general procedure to remove the entire door.

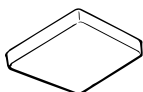


Use Method/Using the Fixtures

Use the Fixtures

■ Fixture Type

Check the fixtures you use.



Ceiling ventilator
UF-23A (GPU-0047)
UF-26A (GPU-0135)



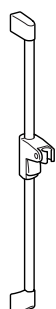
Hook for roll-up cover
R122



Hook for multi-piece
cover
FK-□/□□



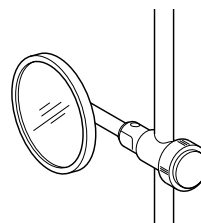
Hand grip bar
890□-BTYP-E-L□□□/□□
R2937-BTYPE-L□□□



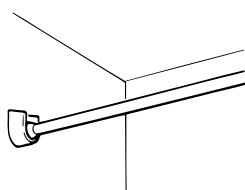
Slide bar
890□-BTYP-E-L□□/□□+R291/□□



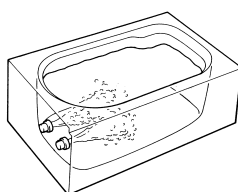
Slide bar
BF-27B (□□□)-PU□



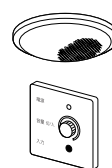
Handy mirror
R293/□



Laundry pipe
LAP-□□-P



Aqua-jet
JP-4A2



Sound system
BAB-2BM



Caution



Do not put fragile objects such as glass containers on high shelves.

* There is a danger of **causing injury** by dropping and breaking these objects.



Do not hang from or apply undue force to the towel rod, shower hook, laundry pipe, ceiling light cover, s-shape hook, flat shelves, or other interior products.

* Doing so could **cause damage and water leakage**.

* The flat shelves can come off, **causing injury**.



Do not apply undue force to the shelves or counter.

* Doing so could cause damage or **injury**.

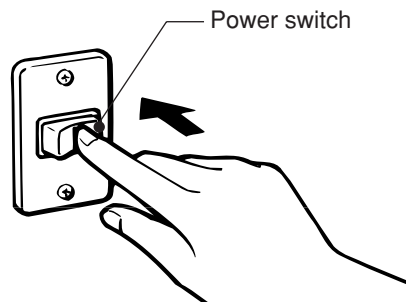
Ventilate

■ How to Use the Ventilator Fan

For details, see the User's Manual for the ventilator fan.

Press the power switch on the outside wall of the bathroom to operate the ventilator fan.

* If you are running the ventilator fan, close the door and window.



ONE POINT

- To increase the durability of the bathroom and extend the service life of the ventilator fan, open the window or operate the ventilator fan after bathing to expel the moisture.
- If the constant (24-hour) ventilation system is used, set it high “強” after bathing to expel the moisture from the bathroom and then set it back to normal. Note that the constant ventilation system is necessary for the entire home. Try keeping it on as much as possible.

Store the Bathtub Lid

■ How to Use the Hook for Roll-up Lid

Please note

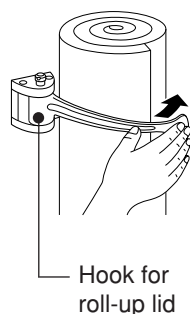
Do not quickly rotate the end of the bathtub lid hook, or exert undue force against it.

* Doing so could **damage** it.

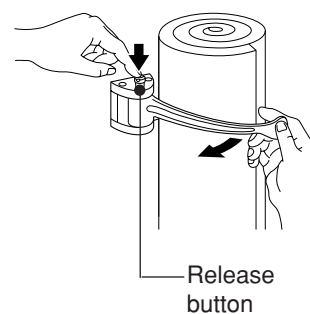
While pressing the release button, rotate the end of the hook, releasing the hook for roll-up cover.

* To prevent accidents, turn the hook so that it is against the wall when it is not being used.

When releasing



When supporting



■ How to Use the Hook for Multi-Piece Lid



Caution

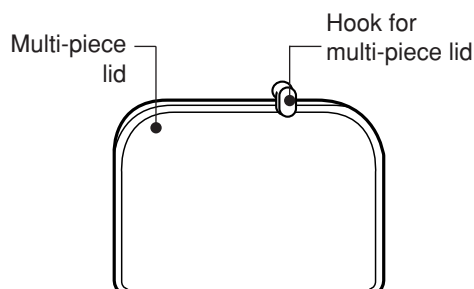


Do not lean against the hook for multi-piece cover, or apply undue force against it.

* Doing so could cause **damage** or **injury**.

Slide the multi-piece cover to store it.

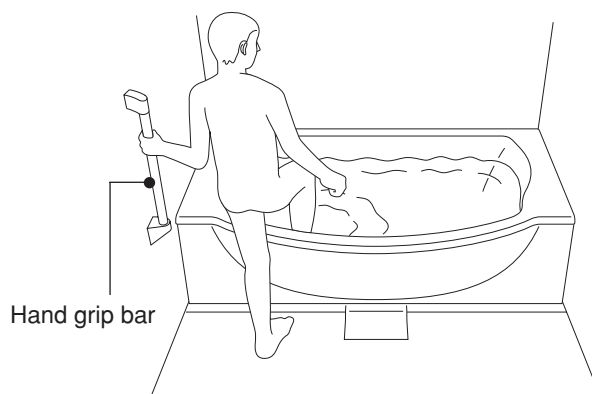
* The shape of your hook for multi-piece cover may differ.



Use the Hand Grip Bar

It is used in the same way when getting in or out of the bathtub.

- ❶ Hold on to the hand grip bar.
- ❷ Step in (out) with the foot opposite from the hand that holds the bar. If you hold the hand grip bar with your left hand (as in the illustration), step in with your right foot first.
* If there is a step in the bathtub, first step on the step, then get in.
- ❸ After both feet are set on the floor of the bathtub (washing area), and your body is steady, let go of the hand grip bar.



Use the Slide Bar



Caution



Do not strike the slide hook against the mirror or wall.

* Doing so could scratch the slide hook and wall, and crack the mirror **causing injury**.

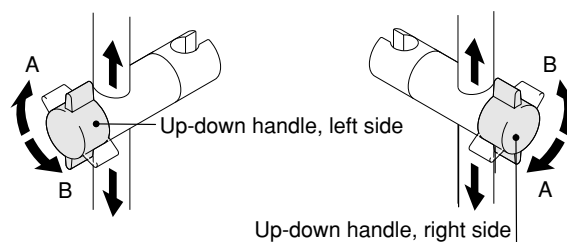
Please note

Do not turn the up-down handle too strongly in directions shown by the arrows A and B.

* Doing so could **damage** the up-down handle.

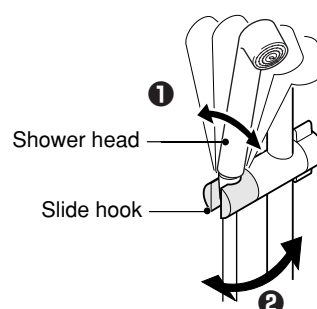
To adjust the height

- ❶ Turn the up-down handle in the direction of arrow A in the illustration.
Align the slide hook to your desired position.
- ❷ Turn the up-down handle in the direction of arrow B in the illustration.
This secures the slide hook in place.



Adjust the spray direction

- ❶ Hang the shower head on the slide hook. Move the shower head back and forth to adjust the spray direction.
- ❷ Loosen the handle and rotate the slide hook direction to adjust the spray direction.



Use the Handy Mirror



Caution



The mirror part of the handy mirror is not tempered glass.

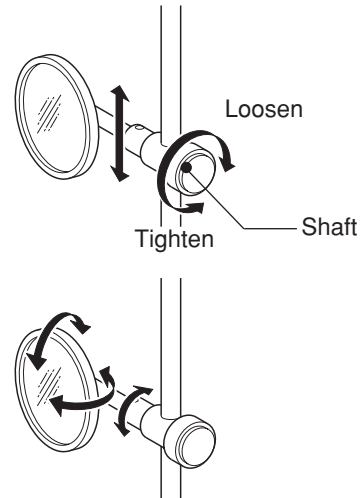
* Hitting the mirror could damage it, **causing injury**.

■ How to Use the Handy Mirror

Raise and lower the handy mirror

- ① Turn the shaft to the right to loosen.
- ② Raise or lower the handy mirror.
- ③ Turn the shaft to the left to tighten.

* Properly tighten so the handy mirror does not fall off.



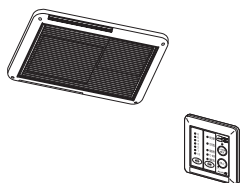
Change angle of the handy mirror

Part of the slide bar rotates, and the angle of the mirror part and slide bar changes. Adjust it to match your use.

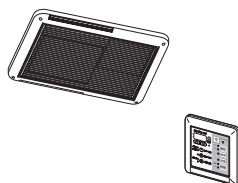
Use the Heater

■ Heater Type

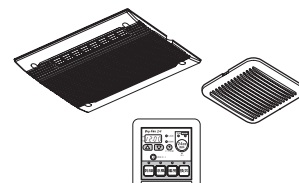
Check which fixture you use.



Electric
ventilator/dehumidifier/heater
(100V, 200V)
UFD-14A (GPU-0146)
UFD-15SA (GPU-0161)



Electric ventilator/dehumidifier/heater/
ion type disinfectant
(100V, 200V)
UFD-14PA (GPU-0145)
UFD-15PSA (GPU-0162)



Electric 3-room
ventilator/dehumidifier/heater
(100V)
UFD-13A (GPU-0139)

Please note

Do not hang items such as towels from the heater or ventilator fan intake hole.

* Doing so could cause it to **break**.

When using the ventilator fan, do not open the window or the door.

* The bathroom will not be ventilated sufficiently.

Open the window or operate the ventilator fan after bathing to expel the moisture.

If the constant (24-hour) ventilation system is used, set it high after bathing to expel the moisture from the bathroom and then set it back to normal.

* Moisture in the bathroom could **cause bad odors and mold to develop**.

■ How to Use the Ventilator/Dehumidifier/Heater

For details, see the User's Manual for the ventilator/dehumidifier/heater.

- * If a different company's equipment is installed, read the User's Manual attached with the product and use it correctly.

Before taking a bath

[Heater]

In winter or whenever the bathroom is cold, the entire bathroom can be warmed by turning on the heater “暖房” or heater-before bath “暖房(入浴前)” about 30 to 60 minutes before getting in the bath.

- * The heater's effectiveness will differ, depending on the bathroom size, season, and whether or not there is a window.

While taking a bath

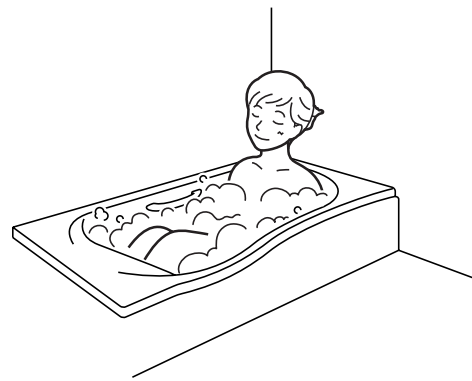
[Ventilation]

Stopping the ventilator is recommended.

- * If the ventilator is running while taking a bath, water droplets may fall from the heater. Also, cold air from the door grille can make you feel cold.

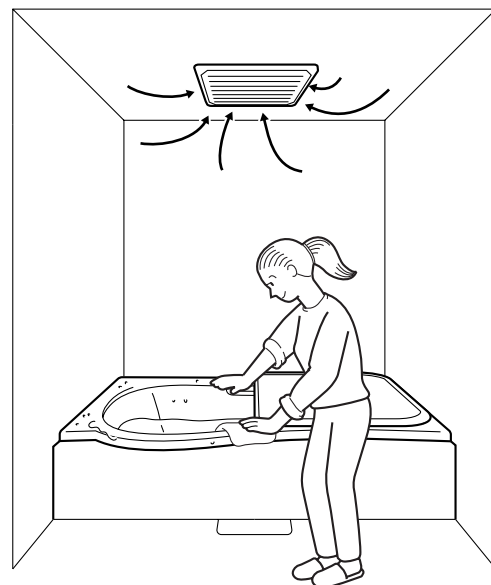
[Heater]

- Stopping the heater “暖房” or heater-before bath “暖房(入浴前)” is recommended.
 - * Hot air blowing directly against your body can make you feel cold.
- Running heater-during bath “暖房(入浴中)” is recommended.
 - * Some heater types do not have the heater-during bath “暖房(入浴中)” function.



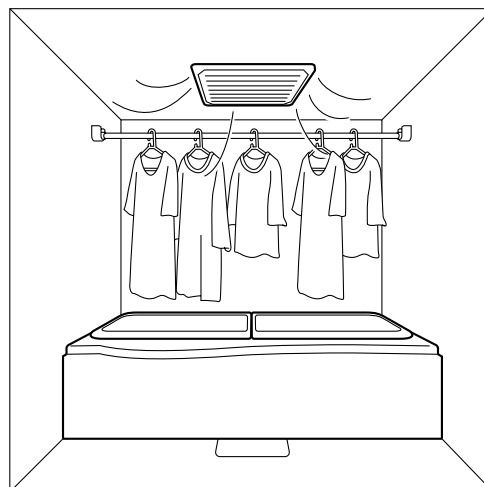
After taking a bath

- If water remains in the bathroom, lightly wipe up using a towel.
- If there is hot water in the bathtub, drain the water or put the lid on it.
- To make it difficult for mold to grow, running the ventilator “換気” or dehumidifier “乾燥” after bathing is recommended.
- In addition to the usual ventilator “換気” and dehumidifier “乾燥”, there are also units with functions of blow ventilator “ブロー換気”, clean ventilator “クリーン換気”, and clean dehumidifier “クリーン乾燥”. If you have one of these, running the blow ventilator “ブロー換気”, clean ventilator “クリーン換気”, or clean dehumidifier “クリーン乾燥” is recommended.
 - * The clean ventilator “クリーン換気”, and clean dehumidifier “クリーン乾燥” can prevent bathroom mold growth even more by emitting disinfecting ions.



About drying laundry

- Thoroughly wipe off the bathroom moisture and place the lid on the bathtub.
 - Thoroughly remove the excess water from wet laundry.
 - Hang laundry which is harder to dry near the warm air outlet.
 - Leave spaces for the warm air to pass between the laundry.
- * Drying time depends on factors such as season, room temperature, type of laundry, amount of water removed from laundry, and positions for hanging laundry. Thus drying time is sometimes longer.



ONE POINT

The constant ventilation system is necessary for the entire home. Try keep it on as much as possible.

Use Method/Using the Fixtures

■ How to Use the 3-Room Ventilator/Dehumidifier/Heater

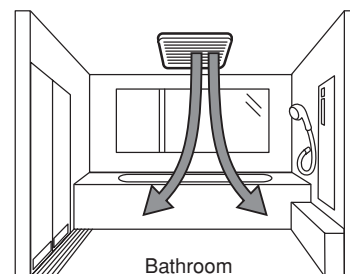
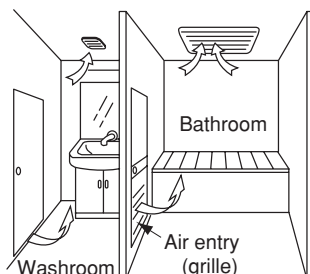
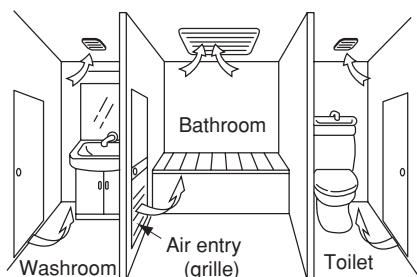
For details, see the User's Manual for the ventilator/humidifier/heater.

- * If a different company's equipment is installed, read the User's Manual attached with the product and use it correctly.

Constant (24-hour) ventilation system illustration

Ventilation illustration

Illustration of heat, ventilation, and cool air



Expels bad air 24 hours from 3 rooms (bathroom, washroom, toilet), to keep it pleasant inside.

Ventilates the bathroom and washroom, suppressing mold growth and bad odors.

When the bathroom is cold, you can warm up the bathroom before bathing to make it pleasant.

Before taking a bath

[Heater]

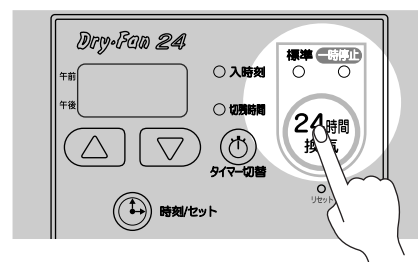
In winter or whenever the bathroom is cold, the entire bathroom can be warmed by turning on the heater “暖房” about 30 to 60 minutes before taking a bath.

- * The heater's effectiveness will differ, depending on the bathroom size, season, and whether or not there is a window.

[Ventilation]

If the ventilator makes you feel cold, for example while changing clothes, you can stop it temporarily by pushing the 24-hour ventilator “24時間換気” button on the remote controller.

To return to constant (24-hour) ventilation operation, push the 24-hour ventilator “24時間換気” button on the remote controller again.



While taking a bath

[Ventilation]

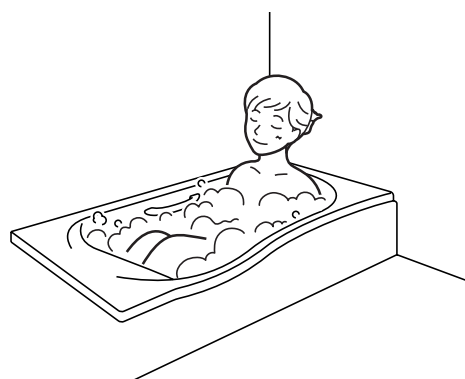
If you turn on the bathroom light switch when the constant (24-hour) ventilation system is running, the bathroom ventilation stops, and the washroom and toilet ventilation increases.

- * Operating noise can increase when ventilation increases in the washroom, etc.
- * The ventilator “換気”, dehumidifier “乾燥”, heater “暖房”, and cool breeze “涼風” can be used regardless of the bathroom lights.

[Heater]

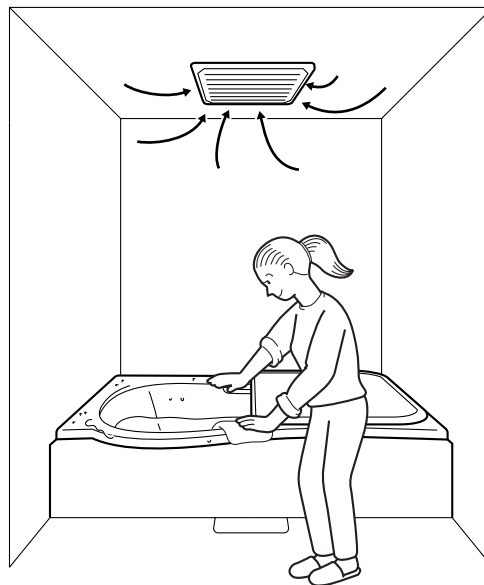
Turning off the heater “暖房” is recommended.

- * The warm breeze directly on your body can feel cold.



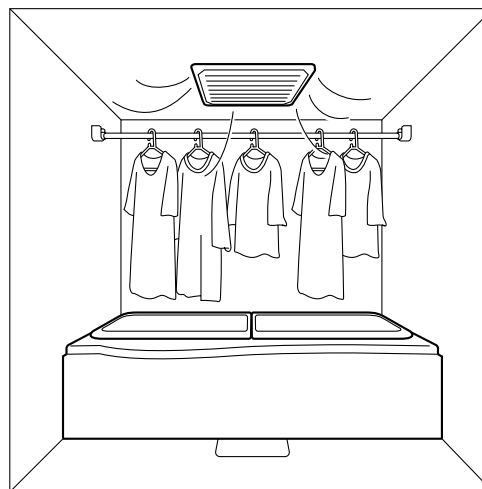
After taking a bath

- If water remains in the bathroom, lightly wipe it up using a towel.
- If there is hot water in the bathtub, please drain the water or put the lid on it.
- To make it difficult for mold to grow, running the ventilator “換気” or dehumidifier “乾燥” after bathing is recommended.
- If constant (24-hour) ventilation is selected, the system automatically switches to constant (24-hour) ventilation operation after ventilator “換気” or dehumidifier “乾燥” stops.



About drying laundry

- Thoroughly wipe off the bathroom moisture and place the lid on the bathtub.
 - Thoroughly remove the excess water from laundry.
 - Hang laundry which is harder to dry near the warm air outlet.
 - Leave spaces for the warm air to pass between the laundry.
- * Drying time depends on factors like season, room temperature, type of laundry, amount of water removed from laundry, and positions for hanging laundry. Thus drying time is sometimes longer.



ONE POINT

The constant ventilation system is necessary for the entire home. Try keep it on as much as possible.

Use the Laundry Pipe



Caution



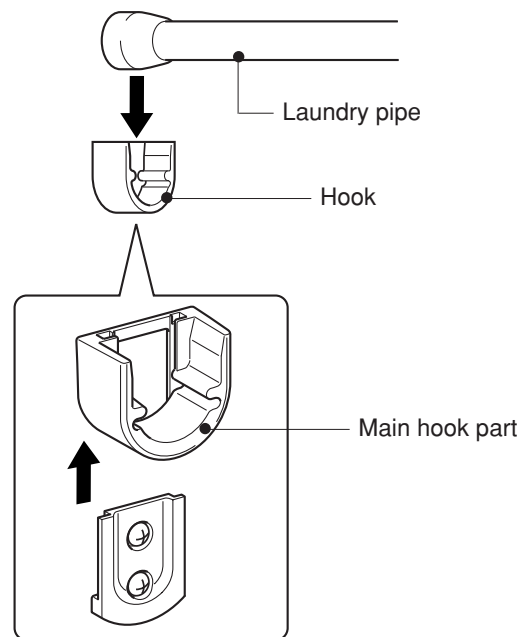
Do not attempt to hang from the laundry pipe or pull it down strongly.

- * There is a danger of **injury**.
- * 10 kilograms is a safe weight limit for laundry.

■ Attach the Laundry Pipe

Securely insert the laundry pipe into the hooks on the bathroom walls.

- * You can remove the main hook part by sliding it up.



Use the Aqua-Jet

Warning



- Do not use with the safety cover removed or damaged.
- Do not block the intake or outlet holes.
- Do not go underwater in the bathtub.
- Do not run the Aqua-jet while children are bathing by themselves.
 - * There is a danger of drowning or **injury** if hair or a part of the body get caught.

Caution



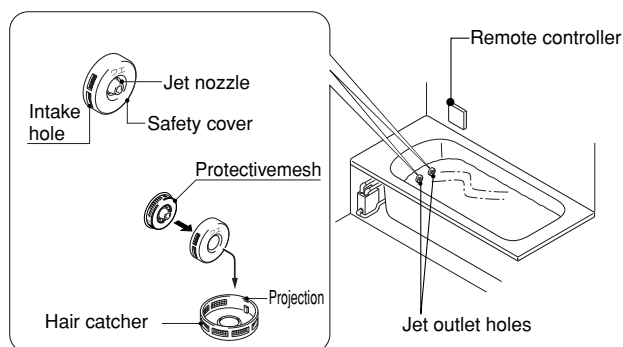
The following people must not use the aqua-jet.
 People who are pregnant, physically weak, chronically ill, under the influence of alcohol or sleeping pills, have heart conditions or high blood pressure.
 * There is a **danger of medical problems arising**.



Do not use the aqua-jet for more than 15 minutes.
 * There is a danger of **straining the heart**.

How to Use the Aqua-Jet

For details, see the User's Manual for aqua-jet (GPU-0174).



Pressing the  starts operation.
 Pressing it again stops operation.

Pressing the  symbol switches the strength of the water jet.

Remote controller



* A built-in timer automatically turns off the aqua-jet after 15 minutes, in case someone forgets to turn it off.

For replacement parts, refer to the Replacement Parts on page 101.

Use the Sound System

Please note

Refrain from using at high volume to avoid bothering adjoining rooms and floors.

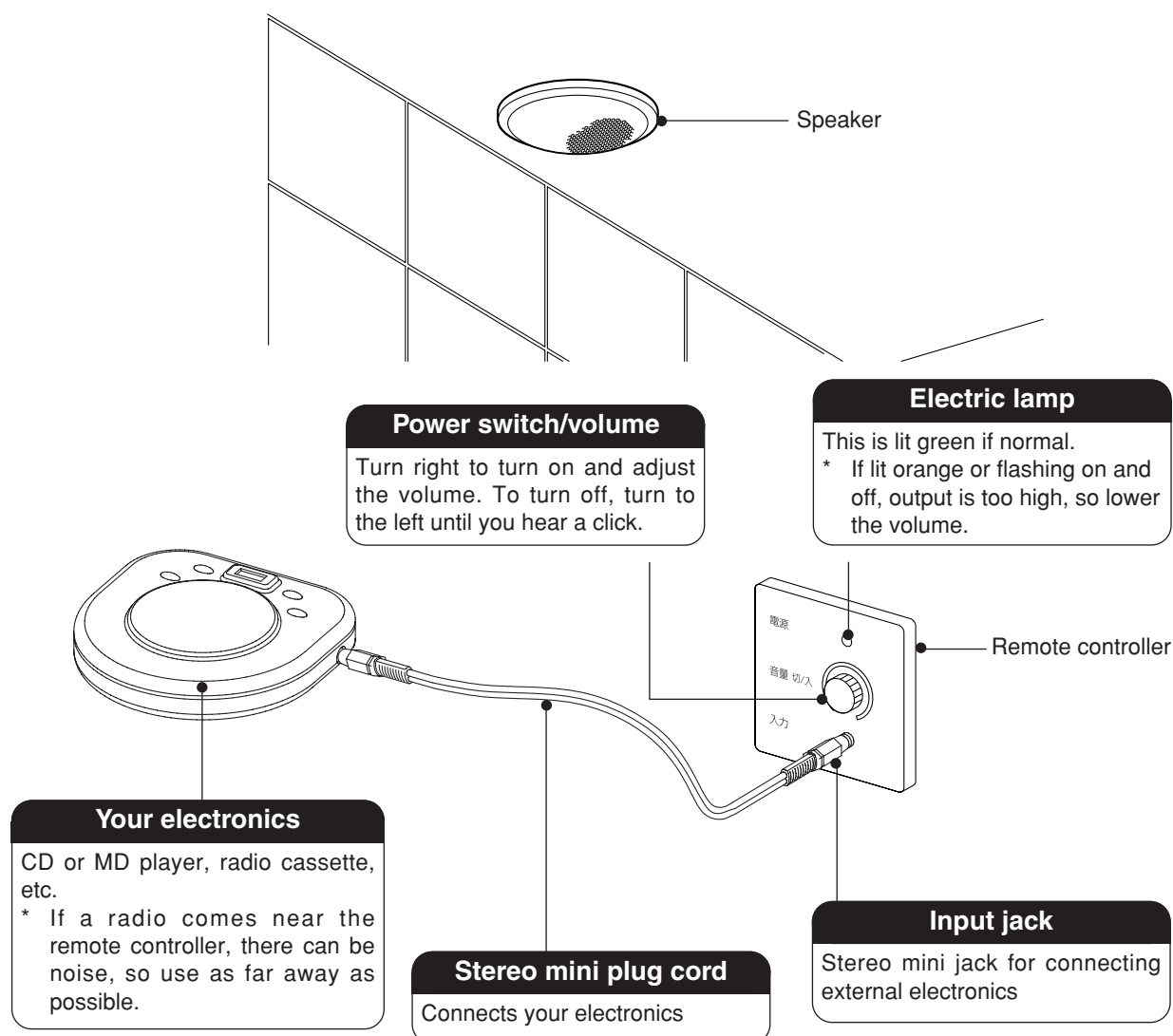
(If connected to the bathroom television)

If the television is switched on while the sound system is in use, the television sound could start at an unexpectedly loud volume.

Please turn the sound system off, then switch the television on and slowly raise the volume.

■ How to Use the Sound System

For details, see the User's Manual for the sound system (GPU-0175).



- You can enjoy your favorite music while taking a bath.
- To use, you only need to connect a desired music source, such as CD or MD player, radio cassette, etc.

Tips for Cleaning

■ To Always Keep the Bath Clean and Pleasant

Soak in the bath and “slimy!” Tiles and wall are also “slimy!”

This ruins an enjoyable bath time. To spend a pleasant bath time in a clean and shiny bath, prevent mold.

The person who last bathed cleans off that day’s dirt.

To always keep the bathroom clean, it is important for the person used the bathroom last for the day to always clean it.

First, lift and rinse off the dirt with a hot shower

The person who last uses the bathroom uses the shower to rinse dirt off the wall, bathtub, floor, mirror, faucet, etc. Use a soft sponge to scrub dirty buildup off the bathtub, etc.

Finally, eliminate bathroom warmth and moisture to suppress the growth of grime.

Next, run a cold shower to lower the room temperature. Finally, it is effective to wipe places where water remains with a dry cloth, and ventilate well. You can prevent almost all grime this way.

■ If Mold Grows

Mold can sometimes be just wiped off, but just this doesn’t completely kill it. It cannot be eliminated without using fungicide.

Thus, we introduce a skillful way to eliminate mold.

- * While cleaning, wear rubber gloves, mask, protective glasses (can be substituted with swimming goggles), etc.
- * Do not spray fungicide directly on places above head height.

- ❶ Open the window or run the ventilator fan.
- ❷ Spread fungicide on moldy areas.
- ❸ Leave it and wait a while until the mold’s color disappears.
- ❹ Wash off thoroughly with cold shower water.
- ❺ If grime is still a concern, use bathroom cream cleanser and a brush to scrub it off.

- * When using fungicide or mold prevention chemical, be sure to carefully read the instructions and use it correctly.

■ About Types of Grime, Cleaning Tools, and Reference

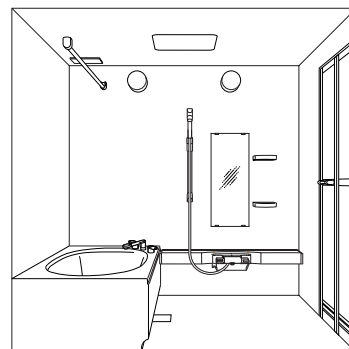
- There are various types of grime.
There are many types of grime in bathrooms, and the cleaning method differs depending on the grime.
..... P51
- Special items are not needed for cleaning.
If you just have these tools, you will not have difficulty with cleaning. P52, 53
- Cleaning frequency differs depending on the place.
Adjust to clean easily soiled places once weekly, and places that don’t get very dirty once monthly.
..... P54

Cleaning Methods/About Cleaning

About Grime

There are surprisingly many kinds of bathroom grime, and also various cleaning methods.

Specify the type of grime from its color or where it occurs. It is more effective to clean in a way appropriate for each type.

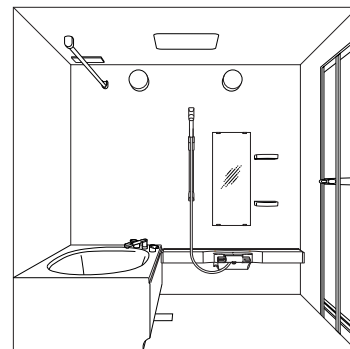


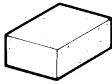
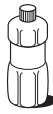
Type	Color	Probable Place	Cause, Characteristics	Cleaning Methods
Water stain	White, Brown	Mirror, faucet (metal parts), bathtub ring, etc.	Accumulation of silicic acid which is in the water supply. Also results from elements like calcium in the water supply combined with oxygen and carbon dioxide to form calcium carbonate. Typically has a rough, whitish surface.	Light scum can be easily removed by washing with water. Scrub off scale buildup with a synthetic bathroom cleaner (neutral). Apply liquid cleaner to the bathtub ring, leave 2 to 3 minutes, then it is easier to clean off.
Calcium soap	White	Floor, door, mirror, around bathtub, etc.	Results from soap and body grease reacting with metal ingredients like calcium in water. Typically hard, rough, whitish surface.	Scrub off light grime using a synthetic bathroom cleaner (neutral). Scrub off stubborn grime with a bathroom cream cleanser, or toothbrush and toothpaste. (Do not use a toothbrush on the mirror.)
Metallic (copper) soap	Green, light purple	Mirror, inside bathtub, etc.	Result of tiny amounts of dissolved copper ions from water heater parts and from standard and copper pipes, reacting with fatty acids in soap or body grease.	Copper ions easily dissolve from copper pipe surfaces in new construction, but this usually lessens after a few months. Still, depending on water quality, it can continue for many years. Scrub off grime buildup with bathroom cream cleanser, taking care not to scratch the surface.
Mold	Black, purple, pink, etc.	Entire bathroom	A type of microbe which grows in places which combine temperature, moisture, and nutrient source (soap remains, water scale, body grease, etc.)	To prevent grime remaining after taking a bath, thoroughly wash off everywhere including all corners, and properly ventilate. If soon after mold appears, clean off with synthetic bathroom cleaner (neutral). If difficult to remove, use commercially available fungicide to remove. * When using fungicide, read all the warnings on the product. * For details, please read the section in this manual "If Mold Grows".
Rust	Reddish brown	Floor, around bathtub, etc.	Compound resulting from metal surfaces combining with oxygen, also metal surfaces attacked by moisture or corrosive gases.	To prevent occurrence, remove metal surface grime, and wipe off water droplets. Remove stubborn grime with a synthetic bathroom cleaner (neutral) or bathroom cream cleanser, then polish with a dry cloth.
Rust stain			Result of rust adhering from wet hairpins, razors, spray cans, etc. Also from tiny iron particles in water adhering.	Scrub off stubborn stains with a bathroom cream cleanser, taking care not to scratch surfaces.
Slime	—	Around drain opening, etc.	Slime occurring in places where water accumulates, like in the drain opening. Results from germs clinging where there is moisture, using grime as nutrient to grow.	Put synthetic bathroom cleaner (neutral) on a sponge for cleaning.
Pink slime	Pink	Around drain opening, floor, etc.	Pink colored slime. This results from yeast growing on nutrients such as skin.	Put synthetic bathroom cleaner (neutral) on a sponge for cleaning.

Cleaning Methods/About Cleaning

Items to Prepare

Prepare appropriate cleaning tools and cleansers to clean the bathroom effectively.



Cleaning Tools		
Sponge (and a long-handled sponge for high places)		A soft sponge that is a little larger than your hand is recommended. Wide areas can be cleaned with few movements. Be careful when using melamine foam, as scrubbing too hard can leave scratches. * Melamine foam is a melamine resin sponge sold in a home improvement retailer, etc. It is used without cleaner. Soak it in water and scrub off grime. It shrinks like an eraser as it is used by rubbing off.
Soft cloth		Dust-cloth, old T-shirt or towel, etc. * Neat trick: By using a water wiper or absorbent car washing towel, you can quickly remove bathroom moisture.
Rubber gloves		If used by bending them, hands won't get wet with water or cleaner. If you wear cotton gloves inside rubber gloves, it prevents skin roughness.
Bathroom brush		For scrubbing wide areas such as the floor. Resin bristles are recommended to avoid scratching the floor. * For cleaning a thermo-floor, use a split-end fine brush.
Toothbrush		Use a worn out toothbrush with spread out bristles.
Cleaner		
* When using fungicide or mold prevention chemical, be sure to carefully read the instructions and use it correctly.		
Synthetic bathroom cleaner (neutral)		Mix of ingredients for bathroom use, strong against grime like water stain, soap scum, etc. Leftover cleaner causes discoloration and stains, so rinse thoroughly after use. For people with sensitive skin, kitchen detergents are also recommended.
Bathroom cream cleanser		Weak alkaline minute particle cleanser. Scrubbing too hard can scratch the bathtub and make the bathtub too glossy, so be careful. Also, do not use regularly.
Fungicide		Removes mold with alkaline cleaner. If you spray on and leave it for a longer time than indicated, or detergent remains, it can cause discoloration, rust, and rubber deterioration, so rinse off thoroughly after use.
Bath heater cleanser		Generates foaming bubbles to remove grime in pipes and inside the bath heater.

Cleaning Methods/About Cleaning

Warning



Always be sure to have sufficient ventilation while using chemicals like fungicide.



When using fungicide, make sure that it doesn't splash onto your eyes or clothes.

* Wearing items such as a mask, protective glasses, and rubber gloves is recommended.



Do not use chlorine cleaners, cleaners with acidic detergent, or mixed cleaners. (Using at the same time or using one after another can create harmful chlorine gas)



Caution



Carefully read the usage warnings on the cleaner label before using.



Use a cleaner suitable for the water heater.

Please note

Do not use fine powdered, scouring powder, lacquer, thinner, alcohol or hydrochloric acid, ammonia, caustic soda, or similar chemicals or bleaches.

* Using such substances could cause scratches, discoloration or other damage.

If using alkaline chemicals such as mold removal cleansers, or citrus cleansers (limonene), be sure to read the instructions carefully and use them correctly. Also, quickly wash off with water after use.



Do not use melamine foam (refer to page 52) on printed faucet metal parts (temperature, shower/faucet switch display, etc.).

* There is a danger of **erasing the temperature display or other printing**.

Even if the bathtub is not filled with hot water, plug the bathtub drain if pouring large amounts of water into the washing area from a bucket, wash basin, etc.

* There is a danger that the drained water will flow back into the bathtub.

No matter what type of detergent or cleaner you use, do not leave it for a long time after spreading on the bathtub, floor, walls, or counter. Rinse thoroughly with water to avoid leaving cleaner. If cleaner remains, there is a danger that it will cause discoloration or deterioration of materials.

After cleaning, thoroughly rinse off the cleaner.

* It can cause stains.

After fungicide is used, leaving it a long time can cause discoloration of surfaces.

Also, metal faucet parts and the door frame can rust, and the drain plug's rubber part can deteriorate. After use of fungicide, rinse it so there is no remaining cleaner.

When using a cleaner which is not a synthetic bathroom cleaner (neutral), check beforehand on a place out of view that it does not cause problems like discoloration.

Do not use

Hard sponge Metal or nylon scrub brush	Cause scratches and damage.
Detergents or cleansers which display "acidic" or "alkaline"	Cause surface discoloration and stains.
Strong abrasives such as fine powdered cleansers, polishing powders	Cause scratches and damage.
Solvents such as thinner or acetone •Detergents or solvents which have chemicals such as hydrochloric acid or those noted above.	Cause surface discoloration and stains.

Recommended cleansers

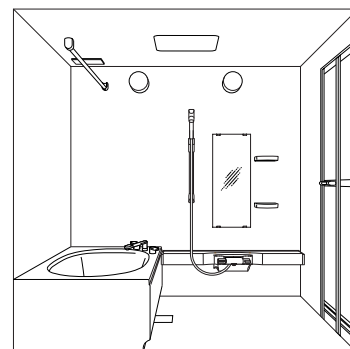
Super cleaner banno Jr. kun (スーパークリーナー万能Jr.くん)	Neutral plant based cleaner Available in a home improvement retailer, etc.
Cream cleanser jif bath cleaner (クリームクレンジージフ バスクリナー)	Compound which includes a fine particle polishing cleanser. Available in a home improvement retailer, etc.

Cleaning Methods/About Cleaning

Reference for Cleaning

Various cleanings are required because some parts become dirty each time of bathing, and some with everyday bathing.

Careful cleanings are recommended depending on the grime and the frequency in use.



Part	Daily	Once/Week	Once/Month	Once each 6 months, or when grime becomes visible	Reference page
Bathtub	Clean by rubbing with a sponge.			Scrub off metallic soap in the bathroom using a bathroom cream cleanser.	55
Reheater mouth (circulation mouth)		Use a toothbrush to remove filter grime.	Clean pipes with a bath heater cleaner.		55
Bath cover	Briefly rinse off grime with shower after bathing.	Use a toothbrush to remove remaining grime.		Put bathroom cream cleanser on a sponge, and scrub.	56
Bathtub drain opening		Remove dirt buildup and hair.			56~57
Wall	Briefly rinse off grime with shower after bathing.	Rub clean with a sponge.		Remove mold with fungicide.	58
Floor	Scrub with bathroom brush.	Clean caulking on edges of floor with synthetic bathroom cleaner (neutral).	Scrub grime off joints with synthetic bathroom cleaner (neutral).	Remove mold with fungicide.	59~60
Ceiling			Lightly scrub with a long-handled sponge.		61
Floor drain trap		Remove dirt and hair from the hair catcher.	Remove the water seal tube and water passage pipe, and rinse off the grime.		61~62
Under bathtub				Remove and clean the apron.	63~64
Mirror	Briefly rinse off grime with shower after bathing.	Rub clean with a sponge.		Put bathroom cream cleanser on a sponge, and scrub.	65
Hand grip bars, slide bar, towel rod		Wipe off grime with a soft, dry cloth.		Wipe off softly with a sponge soaked in synthetic bathroom cleaner (neutral).	66
Shelves, counter		Wipe off softly with a sponge soaked in synthetic bathroom cleaner (neutral).		Remove and wash the flat shelves with a synthetic bathroom cleaner (neutral).	66~68
Faucet		Rub clean with a sponge.	Remove soap and water scum with a synthetic bathroom cleaner (neutral).	Remove grime from the strainer and shower flow control.	69~79
Door	Wipe off grime with a damp cloth.			Use a toothbrush to remove grime from the door, under the door, around the door, seals, etc.	80~82
Lights				Wipe off softly with a sponge soaked in synthetic bathroom cleaner (neutral).	83~90
Ventilator fan, heater			Remove and wash the filters and covers.	Wipe off covers clean with sponge soaked in diluted synthetic bathroom cleaner (neutral).	91~95

Bathtub Cleaning

Daily

Rinse off bathtub grime with a hot shower. Use a soft sponge to scrub off grime buildup in the bathtub. Then use a cold shower to cool it off, and finally wipe off the water.

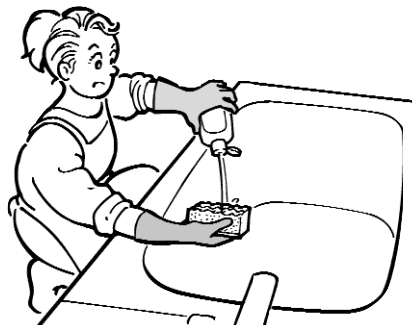
- * When grime is hard to remove, put synthetic bathroom cleaner (neutral) on a sponge, and scrub off.

When grime becomes visible

White grime buildup inside or on the edge of the bathtub is a stubborn deposit called "calcium soap".

Put bathroom cream cleanser on a sponge, scrub off, then rinse off with water.

- * Do not scrub hard. Scrub 4 to 5 times, rinse with water, then repeat until it is removed.



Cleaning the Reheater Port (Circulation Port)

- * If you have installed a reheater port (circulation port) of a different company, be sure to carefully read the instructions before cleaning.

Caution



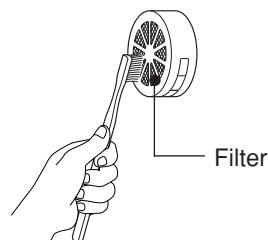
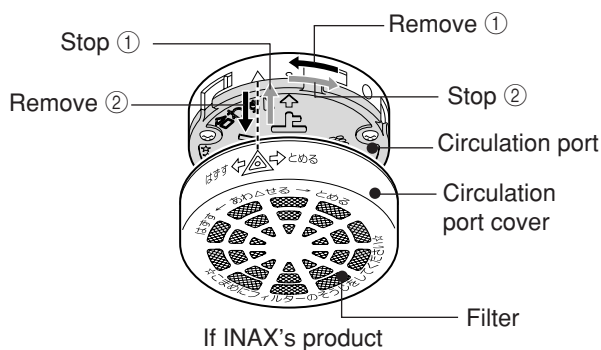
Please use in accordance with warnings and instructions written on a commercially available bath heater cleanser.

- * For details, please refer to the User's Manual for the equipment.

If scum and hair builds up in the filter, it can become clogged, so the bathwater heating function does not operate properly.

Every week

- 1 Turn the circulation mouth cover left towards "はずす" (remove). Align the △ of the circulation mouth cover with the △ of the circulation mouth. Then pull it off towards you.
- 2 Remove grime from the circulation mouth cover (filter) with a toothbrush, etc.
- 3 Align the △ of the circulation mouth cover with the △ of the circulation mouth, insert it, and turn right towards "とめる" until it stops.



Every month

Please use a commercially available bath heater cleanser.

- * Some bath heater cleansers are for 1 month, others for 2 months.

Please use a bath heater cleanser that is suitable for the number of reheater port.

Bath Cover Cleaning

Daily

Use the shower to rinse off sprayed water scum and soap scum. Then lightly polishing with a dry cloth will keep it even beautiful.

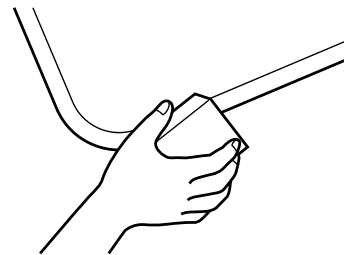
* If grime is difficult to remove, put synthetic bathroom cleaner (neutral) on a sponge and scrub clean.

Every week

Also use a toothbrush or other tool to carefully clean parts of the multi-piece cover which easily get dirty, such as uneven spots or where the pieces are joined. After rinsing off with the shower, completely drying it in the shade is recommended more or less monthly.

When grime becomes visible

Put bathroom cream cleanser on a sponge and scrub off.



Cleaning the Bathtub Drain Opening

■ If You Have a Rubber Plug

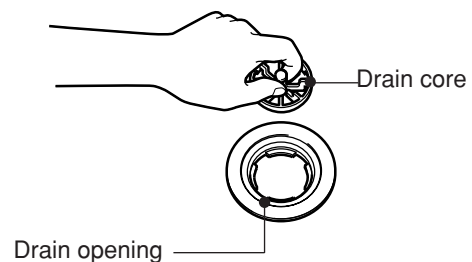
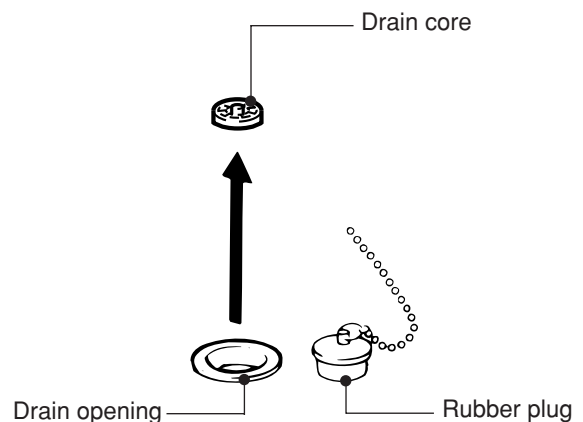
Every week

❶ Pull the drain core out by its knob, and remove grime.

* Do not wash this grime you removed down the drain. It can clog the drain pipe.

❷ Reattach the drain core in the drain opening.

* Make sure it is properly inserted into the floor of the drain opening, not loose and tilted.
If it is not properly inserted, the bathtub cannot be filled with water.

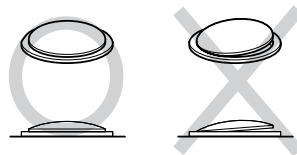


■ If You Have a Push One Way Drain Plug

Please note

When plugging in the drain, check that the plug is not tilted.

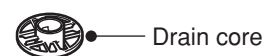
* If the drain plug is tilted, a gap may allow the water to drain from the bath.



● Cleaning the drain opening

Every week

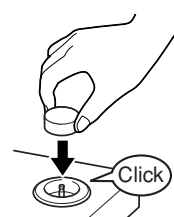
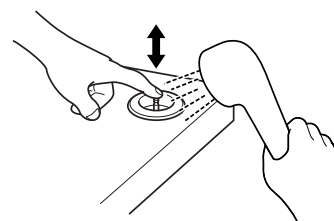
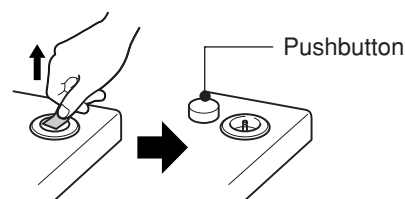
- ❶ Pull the drain plug straight up and out.
- ❷ Remove the drain core from the drain opening, and remove grime attached to the drain core.
 - * Do not remove the stopper (white).
 - * Do not wash this grime you removed down the drain. It can clog the drain pipe.
- ❸ Hold the drain core knob to attach the drain core.
- ❹ Attach the drain plug in the drain opening. Insert it until you hear a "clink" sound.
 - * If it is not properly inserted, the bathwater can drain out.
- ❺ Push the pushbutton to check if the drain plug opens and closes.



● Cleaning the pushbutton

When grime becomes visible

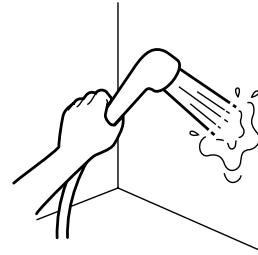
- ❶ Attach something like adhesive tape to the pushbutton, push it down once, then lift to remove the button.
- ❷ Remove slime and grime from the removed pushbutton.
 - * Do not wash this grime you removed down the drain. It can clog the drain pipe.
- ❸ While running the shower on it, push the center rod to move it up and down. Continue until it moves smoothly.
 - * Water that enters the pushbutton drains out under the bathtub, so this is not a problem.
- ❹ Reattach the pushbutton.
 - * Insert it until you hear a "clink" sound.



Cleaning the Wall

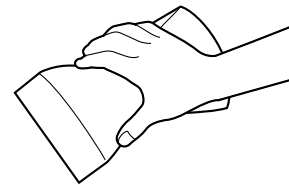
Daily

- ❶ Use the shower to rinse off sprayed shampoo, conditioner, and soap foam.
 - * Lightly wiping with a dry cloth will keep it clean even more.
- ❷ Run the ventilator fan or open the window.



Every week

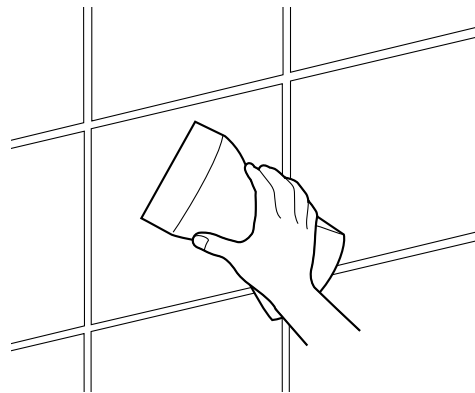
Place synthetic bathroom cleaner (neutral) on a sponge and rub clean, then rinse off with water. At this time, lightly polishing with a dry cloth will keep it even more beautiful.



■ For Tile Grout

Every week

Place synthetic bathroom cleaner (neutral) on a sponge and rub clean, then rinse off with water. At this time, lightly polishing with a dry cloth will keep it even more beautiful.



When grime becomes visible

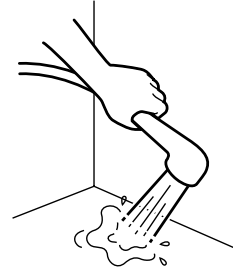
When there is mold on the grout, use a commercially available fungicide.

- * If fungicide adheres to the floor, it could cause discoloration, so spread a sheet, etc. on the floor to protect it.
- * If fungicide or mold prevention chemical is used, be sure to carefully read the instructions and use it correctly.
- * Do not directly spray fungicide or other chemicals on places above shoulder height. Fungicide can adhere to your face and clothes.

Cleaning the Floor

Daily

- 1 Rinse grime off the floor surface with a hot shower. Scrub off grime buildup with a bathroom brush (with resin bristles). Then rinse off with a cold shower, and lightly polish with a dry cloth.
- 2 Run the ventilator fan or open the window.



■ If You Have a Mosaic Pattern

Please note

When you first use it, there can be dust and other dirt adhering to the floor, so it is recommended that you clean it with a synthetic bathroom cleaner (neutral).

The mosaic pattern of the floor surface is good for drainage, but water can remain in places and take long to dry. Also, if grime like conditioner used while bathing adheres to the floor, it can become more difficult to dry. It is recommended to diligently clean the floor with a synthetic bathroom cleaner (neutral).

* Drying will take less time if you wipe remaining moisture off the floor with a cleaning sponge, brush, wiper, etc.

Every month

When a mosaic pattern floor is dirty, its ability to drain worsens. Scrub vertically and horizontally aligned with the mosaic pattern, using a bathroom brush with resin bristles and synthetic bathroom cleaner (neutral).



■ If You Have a Thermo-Floor

● Cleaning a thermo-floor

When grime becomes visible

Black grime can accumulate on the thermo-floor, for example near the washing area corners. Sometimes this grime cannot be removed with synthetic bathroom cleaner (neutral) or fungicide. In this case, you can use a split end type fine brush (with resin bristles) to brush it out.

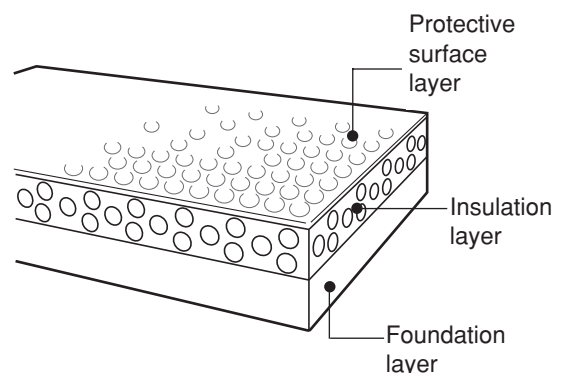
* A split end type brush can be purchased in home improvement retailers.



● Thermo-floor construction

Thermo-floor construction uses a unique 2mm thick insulation layer with minute air bubbles, on top of a thermo-floor base (foundation layer).

This insulation layer has the effect of reducing heat lost from the soles of feet touching the floor, compared to traditional floors. This can reduce the "cold" feet feeling when entering the bathroom.



■ If You Have a Tile Floor

Caution



If the tile floor cracks, chips, or scratches, please request repair from INAX Maintenance Co., Ltd. (Refer to page 99)

* Using it in such condition can result in **injury**.

The tile floor has a rough finish on the surface to make it less slippery. Water can remain on parts of it and take time to dry.

* When a lot of water remains on the floor, wiping it up reduces drying time.

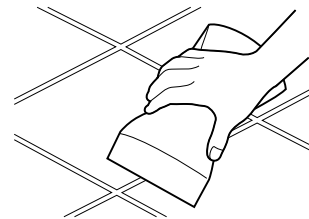
Every week

Place synthetic bathroom cleaner (neutral) on a sponge and rub clean, then rinse off with water. At this time, lightly polishing with a dry cloth will keep it clean even more.

When grime becomes visible

When there is mold on the grout, use a commercially available fungicide.

* If fungicide or mold prevention chemical is used, be sure to carefully read the instructions and use it correctly.



■ If There is Caulk Around the Floor Edges

Every week

Place synthetic bathroom cleaner (neutral) on a sponge and rub clean, then rinse off with water. At this time, lightly polishing with a dry cloth will keep it clean even more.

When grime becomes visible

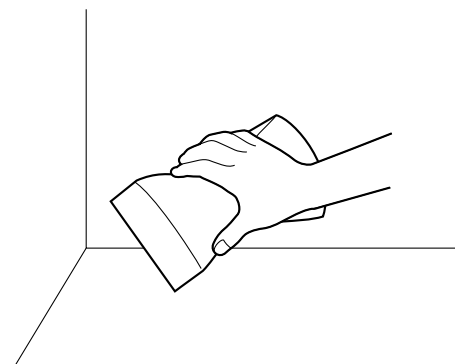
When there is mold on the grout, use a commercially available fungicide.

* If fungicide adheres to the floor, it could cause discoloration, so spread a sheet, etc. on the floor to protect it.

* If fungicide or mold prevention chemical is used, be sure to carefully read the instructions and use it correctly.

* If the caulking around the edges of the floor wears or comes off, there is danger of water leakage. If caulking or grout wears or comes off, please request repair from INAX Maintenance Co., Ltd. (refer to page 99).

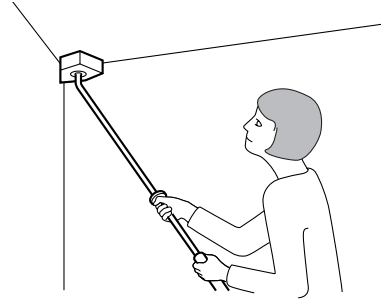
* Do not directly spray fungicide or other chemicals on places above shoulder height. Fungicide can adhere to your face and clothes.



Cleaning the Ceiling

Every month

- ❶ When dust falls on moisture and hardens, mold grows easily. Put synthetic bathroom cleaner (neutral) on a long-handled sponge, and scrub lightly.
- ❷ After removing grime, rinse with water to avoid leaving cleanser, then thoroughly wipe off moisture with a dry cloth.



Cleaning the Floor Drain Trap



Caution



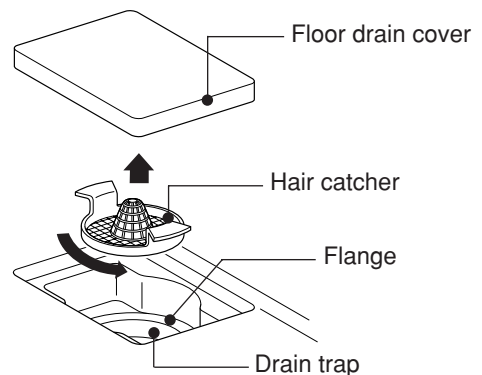
Never loosen the flange on the main part of the drain trap.

* The drain trap can come off, **causing water leakage**.

Every week

■ Clean the Hair Catcher and Around the Drain Trap

- ❶ Remove the floor drain cover, and turn the hair catcher to the left (counterclockwise).
- ❷ Remove trash accumulated in the hair catcher and around the drain trap. Remove grime with a toothbrush, etc.
- ❸ Remove slime and grime on and around the floor drain cover.
- ❹ After cleaning, turn right (clockwise) to attach, and set the floor drain cover in its original position.
 - * Do not use if grime has accumulated in the hair catcher or around the drain trap. This can cause slow drainage or a clogged drain pipe.
 - * Do not wash the removed grime down the drain. Doing so can cause a clogged drain pipe.

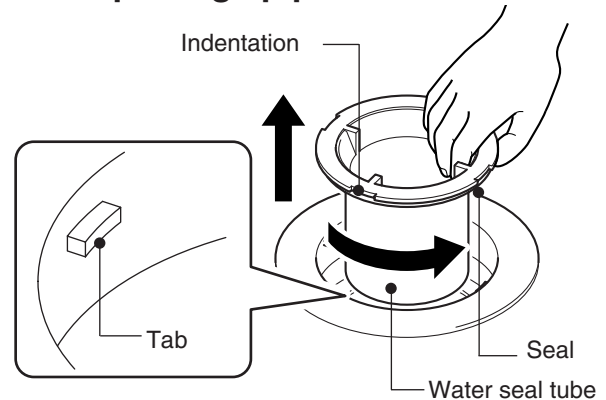


Every month

■ Cleaning Inside the Floor Drain Trap

● Cleaning inside the water seal tube and water passage pipe

- ❶ Turn the water seal tube to the left (counterclockwise) until it stops, then align the drain trap tab with the indentation in the water seal tube, and lift up.
- ❷ Clean grime from the water seal tube and drain trap with a sponge, toothbrush, etc.
* Do not remove the seal attached to the water seal tube.
- ❸ After cleaning, align the water seal tube with the drain trap tab, insert, and turn right (clockwise) until it stops.

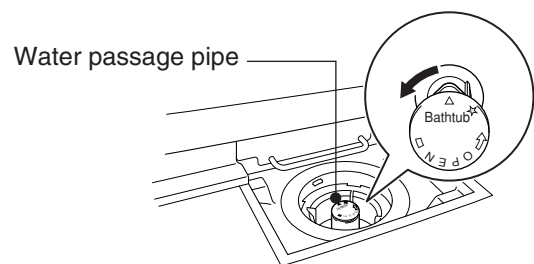


● Cleaning the water passage pipe

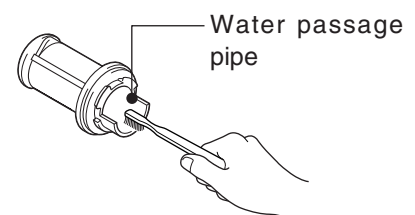
Please note

Do not use while the water passage pipe is removed.
* Doing so can cause foul odors and pests.

- ❶ Remove the floor drain cover and hair catcher, then turn the water passage pipe 45° counterclockwise, and remove.

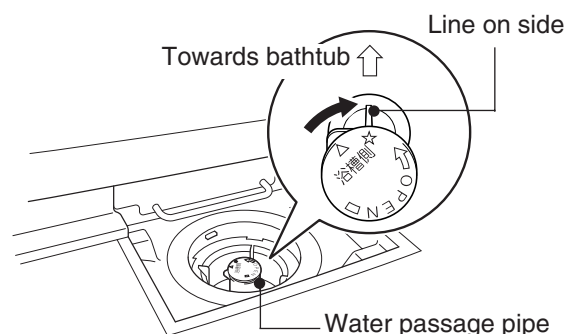


- ❷ Clean off scum and grime in the water passage pipe with an old toothbrush, etc.



- ❸ When attaching the water passage pipe after cleaning, turn the ☆ mark on top of the water passage pipe, and the line on the side towards the bathtub. Insert it into the hole in the bottom of the drain opening, turn 45° clockwise, and attach.

* Check that the △ mark and the “浴槽側” (bathtub side) characters are towards the bathtub.



Cleaning Methods/Cleaning the Wall, Floor, and Ceiling

Cleaning Under the Bathtub

Caution



When cleaning under the bathtub, please use rubber gloves and clothing that does not expose your arms.
* There is a danger of **injury**.



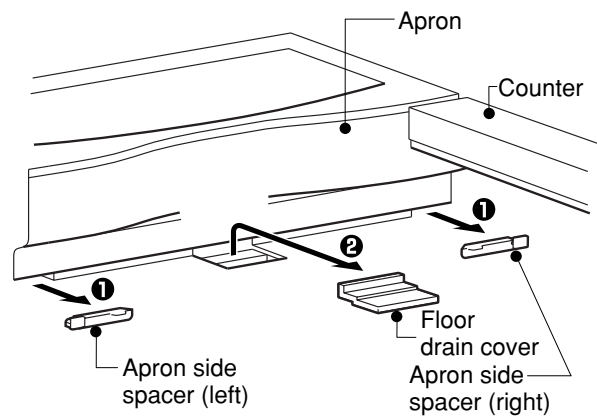
Do not directly put your hands or arms under the bathtub.
* There is a danger of **injury** on protrusions

Every 6 months

① Remove the apron side spacer

② Remove the floor drain cover

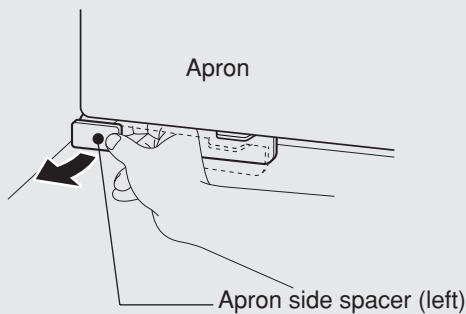
* The illustration below is for a standard bathtub.



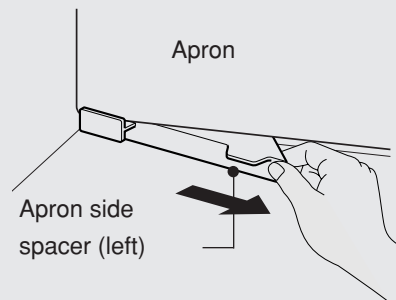
ONE POINT

Use the steps below to remove the apron side spacer.

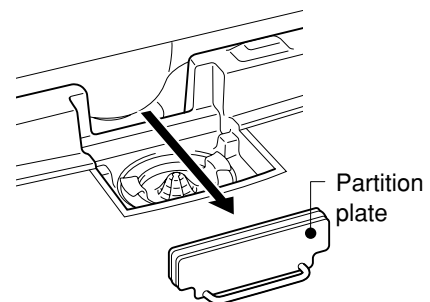
① Grab it with your fingers, and pull towards you.



② When the side towards the middle of the bathtub comes out, also grab that side of the apron and pull out.

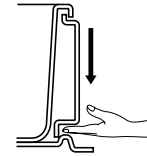
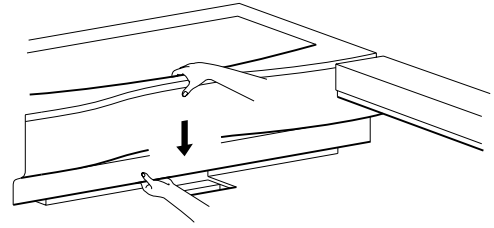


③ While pressing on the apron with one hand, pull the partition plate towards you to remove it.

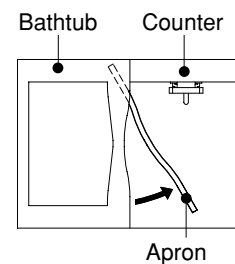


Cleaning Methods/Cleaning the Wall, Floor, and Ceiling

- ④ Push the upper part of the apron down, and remove from where it is inserted in the bathtub.

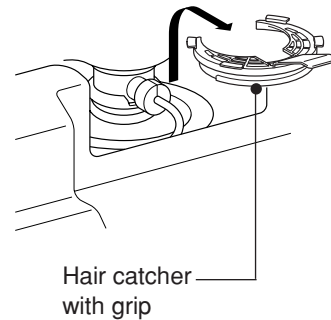


- ⑤ As shown in the illustration, pull the apron towards you and rotate to pull it off.



- ⑥ There is a grip on the hair catcher for the drain opening under the bathtub. Pull out the hair catcher towards you, and remove grime from the hair catcher and drain opening.

* Do not wash the removed grime down the drain.
It can cause a clogged drain pipe.



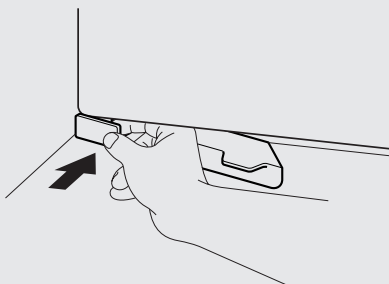
- ⑦ After cleaning, reattach the apron, partition plate, floor drain cover, and apron side spacer (in that order).



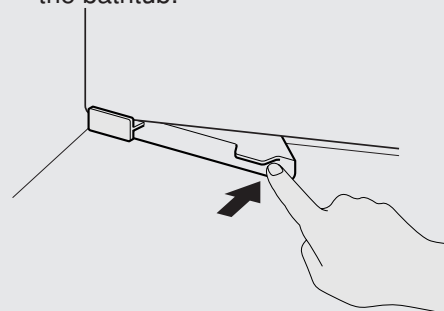
ONE POINT

Use the steps below to attach the apron side spacer.

- ① Insert the end in the corner.



- ② Insert the side closer to the center of the bathtub.



* Left (左) and right (右) are marked on the 2 apron side spacers. Do not mistake left and right, and reattach with the correct side up.

Cleaning the Mirror

Please note

Compounds which contain coarse abrasives such as abrasive particles will scratch the mirror, so be careful.

Hard items like a nylon scrub brush or the hard side of a sponge will scratch the mirror, so be careful.

Daily

Use the shower to rinse off sprayed shampoo, conditioner, and soap foam. Lightly polishing with a dry cloth at this time will keep it clean even more.

Every week

Take synthetic bathroom cleaner (neutral), and dilute it to an appropriate strength. Soak a sponge in this, lightly rub clean, then rinse off with the shower. At this time, lightly polishing with a dry cloth will keep it clean even more.

When grime becomes visible

Put bathroom cream cleanser on a sponge and scrub where there is water scum. After cleaning, wash thoroughly with water to leave no cleanser, and thoroughly wipe off water with a dry cloth.



About mirror life

When using the mirror for a long time, it is affected by water and oxygen which pass through the film. This causes dark stains on the edge of the mirror. (With high humidity, mirrors used in the bathroom can get this type of stains on other part as well). These dark stains cannot be removed, so it is a sign that it is time to replace the mirror.

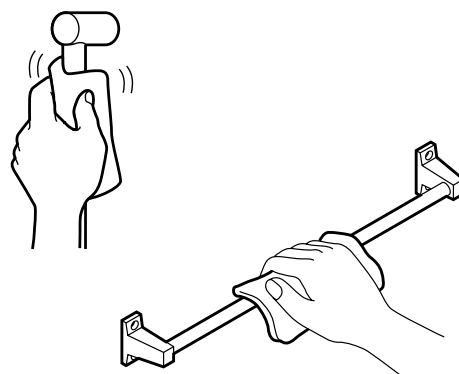
Cleaning Methods/Cleaning the Accessories

Cleaning Hand Grip Bars, Slide Bar, and Towel Rod

Every week

Wipe off grime with a soft, dry cloth.

- * Do not hit these items or bump against them with hard objects. Doing so could scratch them or cause the plating to peel off.
- * Do not bring alkaline cleansers or acid compounds in contact with these parts. They could damage the plating.



When grime becomes visible

Take synthetic bathroom cleaner (neutral), and dilute it to an appropriate strength. Soak a sponge in this, lightly rub clean, then rinse off with the shower.

Cleaning the Flat Shelves and Counter

Please note

Regardless of the type of detergent or cleanser, do not leave it for a long time after spreading it on the flat shelves, counter, etc.

Thoroughly rinse with water to leave no cleanser.

- * If cleanser remains, there is a danger of **discoloration and deterioration**.

Liquid left under shampoo and conditioner bottles causes mold and slime, so diligently wipe grime off the storage shelf and counter surfaces.

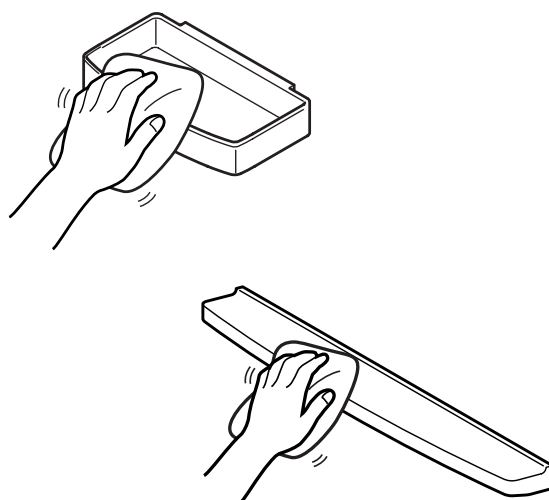
Every week

Take synthetic bathroom cleaner (neutral), and dilute it to an appropriate strength. Soak a sponge in this, lightly rub clean, then rinse off with the shower.

When grime becomes visible

Remove the storage shelf and flat shelves doors. Take synthetic bathroom cleaner (neutral), and dilute it to an appropriate strength. Soak a sponge in this, and clean off every inch of grime.

Rinse off with the shower, and reattach the storage shelf and flat shelves doors.



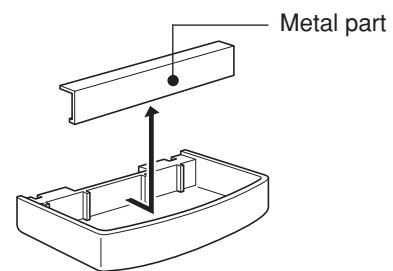
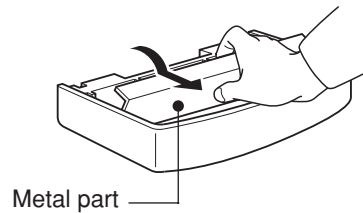
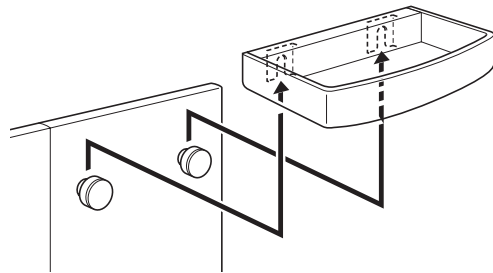
■ How To Remove Storage Shelf

● Remove the storage shelf

- ① Lift and remove the storage shelf.
- ② Reattach the storage shelf to their original positions, making sure they are level.

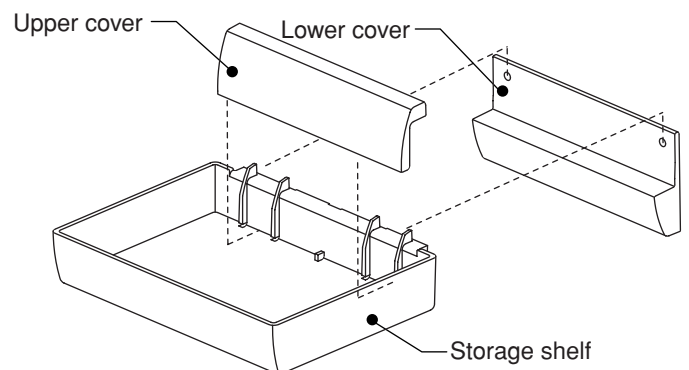
* Do the same for accessories storage shelves with hooks, square storage shelves, and storage shelves on a backboard.

* For high-class storage shelves, grasp the center of the metal part, rotate to release the 2 ridges, and slide it off. After cleaning, slide the metal part on to attach, and press until the 2 ridges snap in.



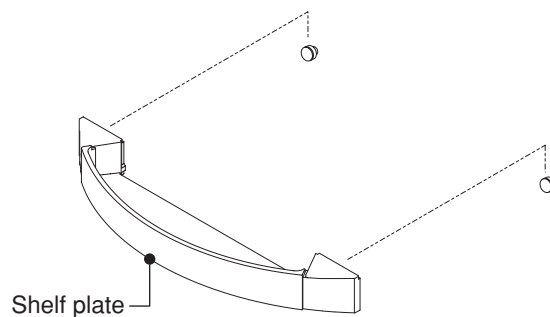
● How to remove high-class storage shelves

- ① Lift up storage shelves and remove.
 - * To remove the metal part, grasp the center of the metal part, rotate to release the 2 ridges, and slide it off.
- ② Reattach the storage shelf to their original positions, making sure they are level.
 - * To reattach the metal part, slide the metal part on to attach, and press until the 2 ridges snap in.



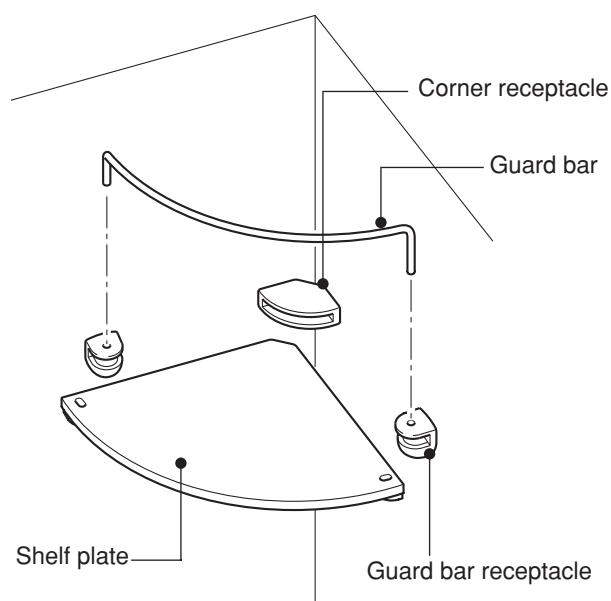
● Remove arch shape storage shelves

- ❶ Lift up to remove storage shelf.
- ❷ Reattach the storage shelf to their original positions, making sure they are level.



● Remove corner storage shelves

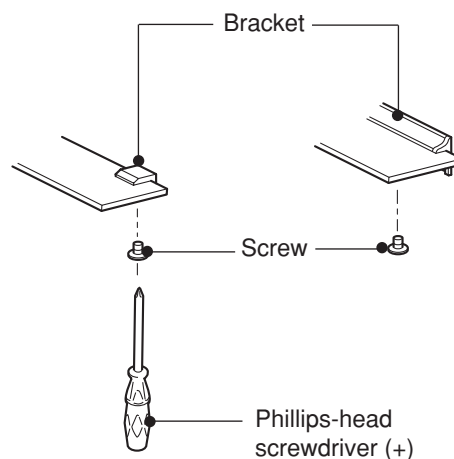
- ❶ Remove the guard bar.
- ❷ Pull the shelf plate towards you to remove.



● Remove the acrylic make-up shelf

- ❶ While supporting the acrylic shelf so it does not fall off, remove the screw under the bracket.
- ❷ Insert the acrylic shelf into the bracket, and attach the screw under the bracket, while supporting the shelf so it does not fall off.

* After attaching, check that the shelf is steady.



Cleaning the Faucet

Caution



If the metallic shower head got scratched, ask INAX Maintenance Co., Ltd. for the repair or exchange (refer to page 99).

* Using it in such condition could result in **injury**.

Please note

Do not use melamine foam (refer to page 52) on printed parts of faucet metal (temperature display, shower/faucet switch display, etc.).

* **The printed letters such as the temperature display may be erased.**

If soap scum and water stain remain left on the faucet surface, they become difficult to get removed. Use the shower to rinse off sprayed foam, etc. If you also wipe off the moisture, it prevents water stain.

Every week

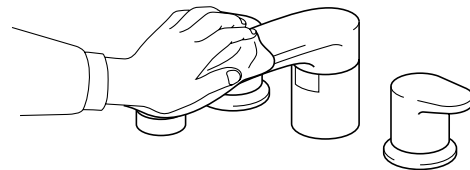
Put synthetic bathroom cleaner (neutral) on a sponge, wash off and rinse grime with the shower. Then lightly polishing with a dry cloth will keep it clean even more.

Every month

Use synthetic bathroom cleaner (neutral) or toothpaste to scrub off the stained soap scum and water stain.

Thoroughly rinse and polish with a dry cloth to leave no cleanser.

* If you have a push faucet, lock the buttons before cleaning. For details, refer to page 17 “How to lock the button”.



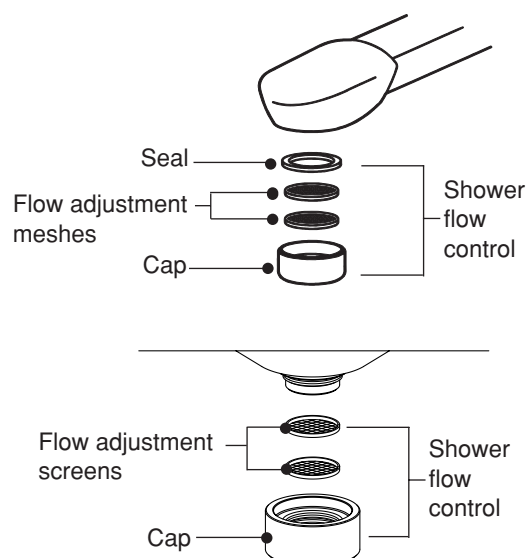
■ Cleaning the Shower Flow Control

Every 6 months

Turn the cap by hand, remove the shower flow control, and remove dirt or other debris from the flow adjustment meshes. Then wash with water.

* When reattaching, be careful that the flow adjustment meshes are not upside down.

* They can not be removed from some faucets.



Cleaning Methods/Cleaning the Faucet

If it seems that water volume from the shower or faucet has decreased, clean the spray plate and strainer.

- * If there is dirt in the spray plate, strainer, etc., it will cause a deterioration in water flow. Clean the faucet occasionally with the following steps .

■ Cleaning the Shower Spray Plate

For details, see the User's Manual for the shower.

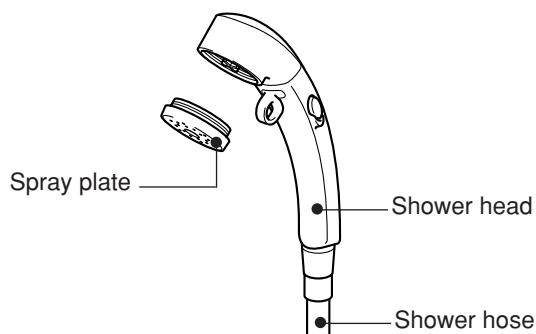
Please note

- * In the case of the shower with switch, do not remove the shower head or the shower hose.

Every year

Turn the spray plate to remove by hand, rinse with water in a container, and wash away dirt using a toothpick, etc.

- * The spray plate cannot be removed from some shower heads.



ONE POINT

If dirt clogs the spray plate, water may not spray in the correct direction, or water may dribble out after turning off the shower. In this case, remove dirt from the shower spray plate with a toothpick, etc.

Cleaning Methods/Cleaning the Faucet

■ Cleaning the Strainer

For details, see the User's Manual for the faucet.

⚠ Caution



When cleaning the strainer, be careful of the pipes, metal fittings, etc.

* There is a danger of **injury and burns**.

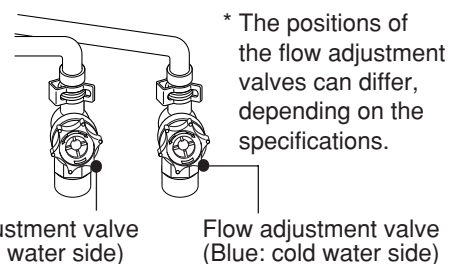
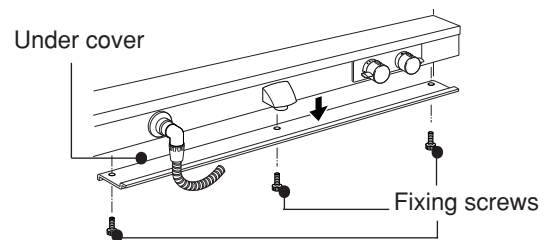


ONE POINT

When the water valve is opened and shut, dirt attached to the pipes can flow and clog the strainer again. Before reattaching the cleaned strainer to the backflow prevention valve, first open and close the water valve a little to allow dirt to flow out.

● For GTU and UDU type embedded thermostatically controlled faucets

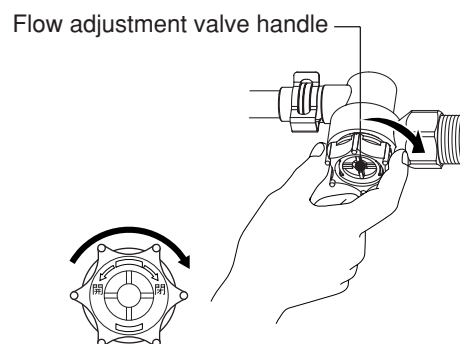
- 1 Turn off the water main valve of the house.
- 2 Remove the set screws from 3 places behind the counter, and remove the under cover. (If the faucet is the GTU type located on the bathtub side, also remove the bathtub side under cover in the same way).



- 3 Turn the handles of the flow adjustment valves by hand to close them. (Turn the handles fully in the clockwise direction.)

* Close the flow adjustment valve on both the hot water side (red) and cold water side (blue).

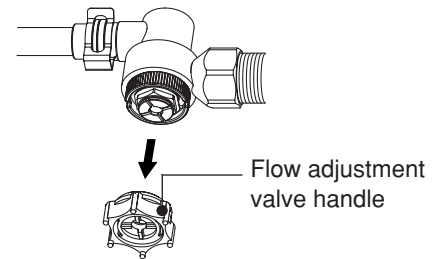
* Remember the original position of the flow adjustment valves.



Cleaning Methods/Cleaning the Faucet

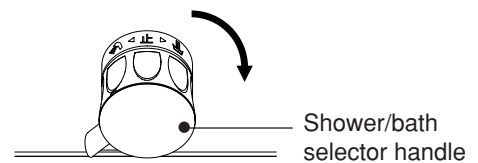
- ④** Remove the handle of the flow adjustment valve.

- * The handles of the flow adjustment valves cannot be removed or installed again if the valves are not completely closed.
- * The pressure resistance of the flow adjustment valves is 0.75 MPa.



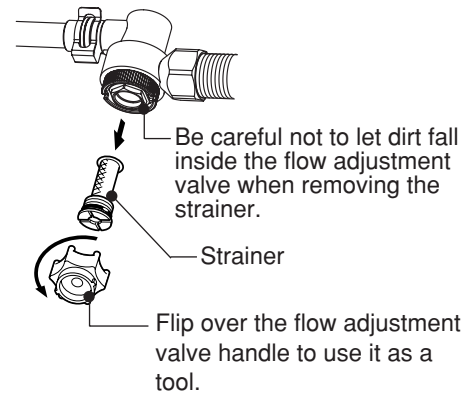
- ⑤** Set the shower/bath selector handle fully open on the faucet side.

- * Release the pressure inside the faucet and check that the flow adjustment valve has stopped the flow of water.
- * After checking, return the handle to the Stop “止” position.



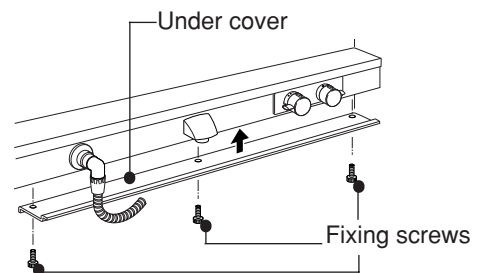
- ⑥** Remove the strainer and wash away out any dirt or other debris that is caught in it.

- * Press the + shaped projection on the handle (on the opposite side of the flow adjustment valve handle) against the + shaped groove of the strainer, and turn left (counterclockwise) to loosen.
- * A strainer is installed in both the hot water and cold water sides. Clean the strainers for both the hot and cold water lines.



- ⑦** Install the strainers by following the removal procedure in reverse order, then reopen the flow adjustment valves to their original positions.

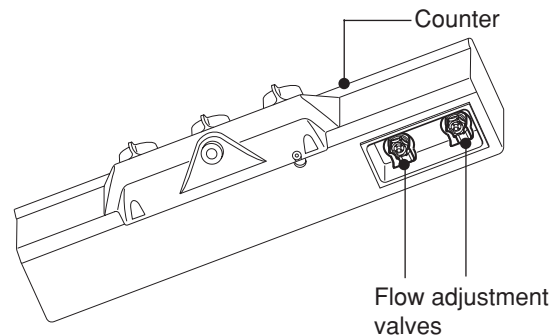
- ⑧** Install the under cover behind the counter. After inserting the cover in its receptacle, fasten it with fixing screws in 3 places.



Cleaning Methods/Cleaning the Faucet

● If you have a push faucet

- 1 Turn off the water main valve of the house.
- 2 There are flow adjustment valves under the counter.

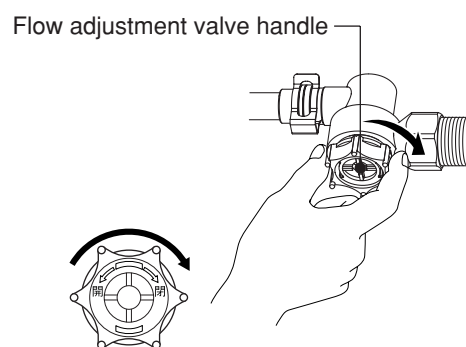


- 3 Turn the handles of the flow adjustment valves by hand to close them. (Turn the handles fully in the clockwise direction.)

- * Close the flow adjustment valve on both the hot water side (red) and cold water side (blue).
- * Remember the original position of the flow adjustment valves.

- 4 Remove the handles of the flow adjustment valves.

- * The handles of the flow adjustment valves cannot be removed or installed again if the valves are not completely closed.
- * The pressure resistance of the flow adjustment valves is 0.75 MPa.



- 5 Press the faucet "ON/OFF" button to flow water (), then turn the flow adjustment jog dial completely to the right.

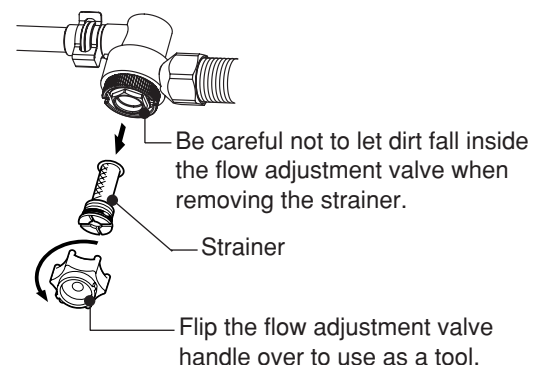
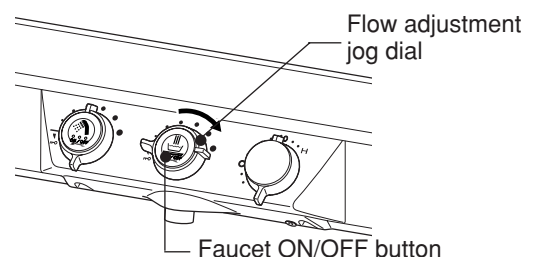
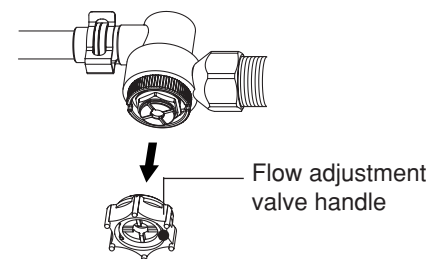
- * Release the water pressure inside the faucet and check that the flow adjustment valve has stopped the flow of water.

- 6 Take out the strainer and wash away any dirt or other debris that is caught in it.

- * Press the + shaped projection on the handle (on the opposite side of the flow adjustment valve handle) against the + shaped groove of the strainer, and turn left (counterclockwise) to loosen.

- * A strainer is installed in both the hot water and cold water sides. Clean the strainers for both the hot and cold water lines.

- 7 Install the strainers by following the removal procedure in reverse order, then reopen the flow adjustment valves to their original positions.



Be careful not to let dirt fall inside the flow adjustment valve when removing the strainer.

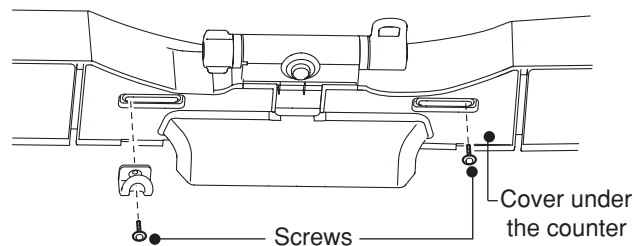
Strainer

Flip the flow adjustment valve handle over to use as a tool.

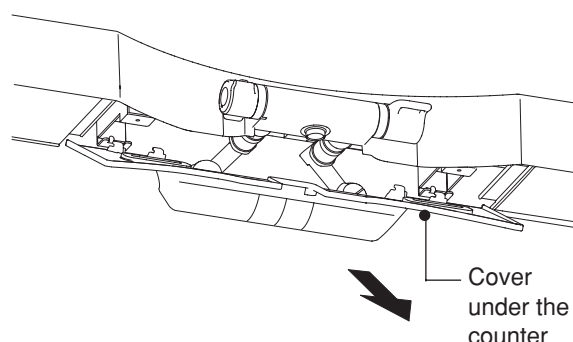
Cleaning Methods/Cleaning the Faucet

● If you have an SSU counter

- 1 Remove the screws (2 places) from the cover under the counter.



- 2 Slightly lower the front of the cover under the counter, then remove the cover under the counter by pulling towards you.



- 3 Use a tool like a flat-head screwdriver to screw the hot (left) and cold (right) flow adjustment valves fully in the clockwise direction.

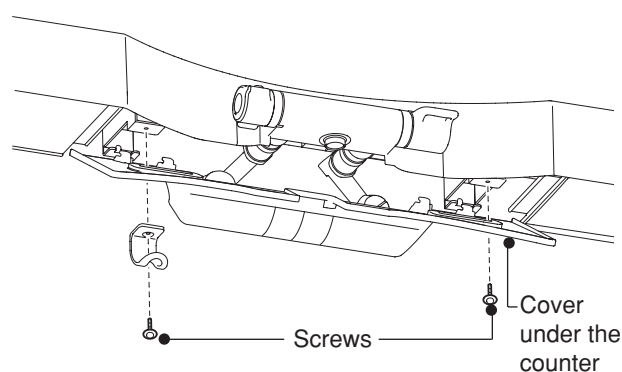
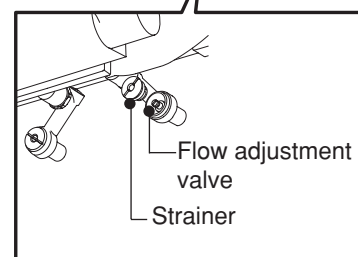
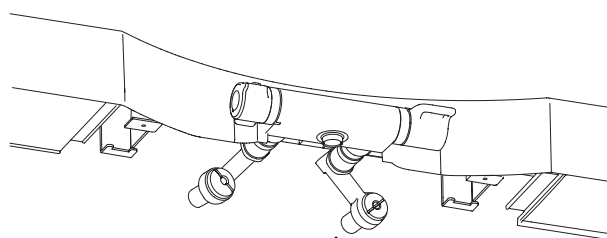
- 4 Turn the shower/bath selector handle to the faucet side (down).

* Check that the water is stopped.

- 5 Remove the strainers with a large flat-head screwdriver, and wash away dirt or other debris from the strainers. A strainer is installed in both the hot water and cold water sides.

- 6 Install the strainers by following the removal procedure in reverse order, then reopen the flow adjustment valves to their original positions.

- 7 Insert the back of the cover under the counter, returning it to its original position. Then attach the screws (2 places).



Cleaning Methods/Cleaning the Faucet

● If you have a wall-mounted thermostatically controlled faucet

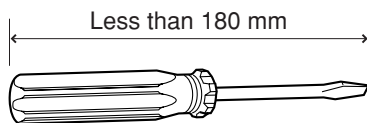
- 1 Use a tool such as a flat-head screwdriver to turn the hot (left) and cold (right) flow adjustment valves fully in the clockwise direction.

- 2 Turn the shower/bath selector handle to the faucet side (down).

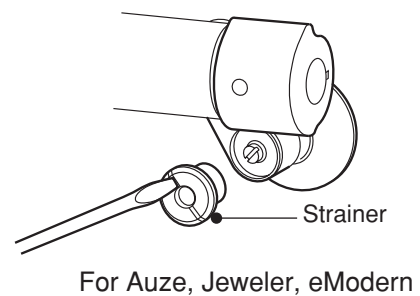
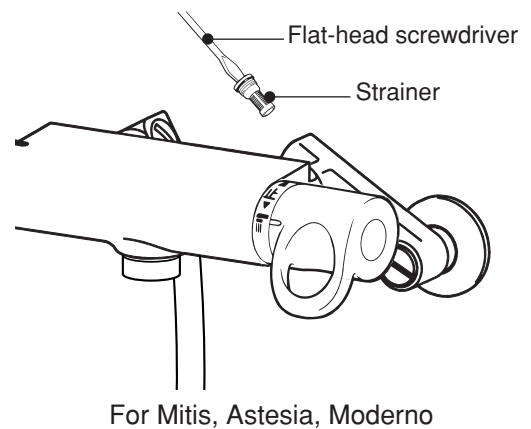
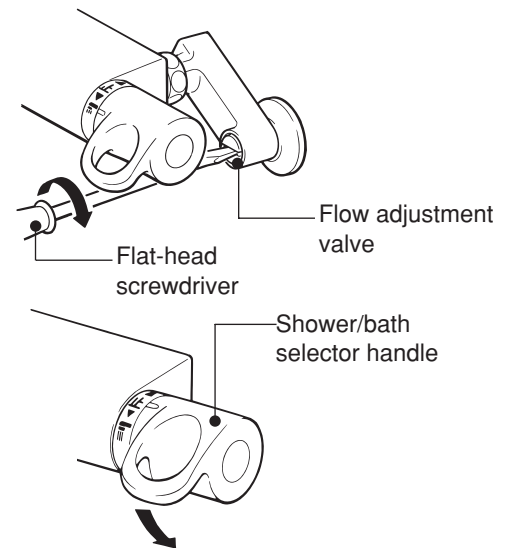
* Check that the water is stopped.

- 3 Remove the strainers with a large flat-head screwdriver, and wash away dirt or other debris from the strainers. A strainer is installed in both the hot water and cold water sides.

For an arch shaped counter, use a short (less than 180 mm long) flat-head screwdriver, with a large head.



- 4 Install the strainers by following the removal procedure in reverse order, then reopen the flow adjustment valves to their original positions.



■ When the Faucet could Freeze in Winter

● How to stop water on a faucet with the shower with switch

For a faucet with the shower with switch, first open the water cutoff valve.

For details, see the User's Manual for the shower.

- 1 Secure the shower head at the upper end of the slide bar. (If you have a hook, hang the shower head in the highest hook). Press the blue shower switch of the shower with switch, turn the shower/bath selector handle to “シャワー(シャワー)” (shower), then drain water from the shower head.

- 2 Return the shower/bath selector handle to the stop position.

● How to stop water on a faucet with the shower with switch (in case of push faucet)

For a faucet with the shower with switch, first open the water cutoff valve.

For details, see the User's Manual for the shower.

- 1 Press the blue shower switch of the shower head with switch, press the shower ON/OFF button to set it to the water flow state (ON), and drain water from the shower head.

- 2 Press the shower ON/OFF button to set it to the water stop state (OFF).

● How to drain water from GTU and UDU type embedded thermostatically controlled faucets

- 1 Drain water using the drain valve in your bathroom.

- 2 Open the 2 drain valves on the faucet.
* The drain valves are on the left side of the temperature adjustment handle.

- 3 Open the under cover, push the 2 check valve opening buttons to drain water from piping.

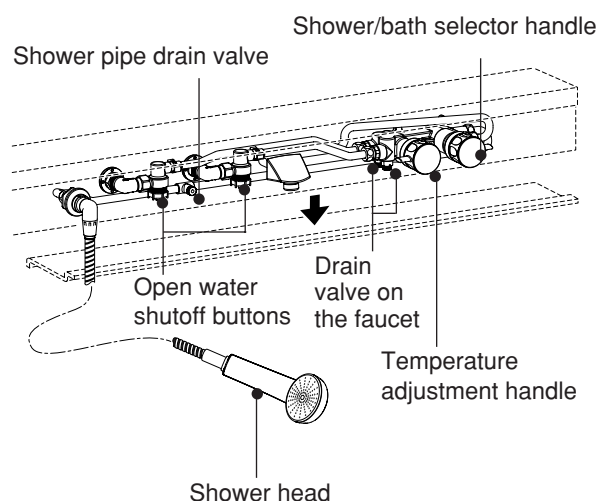
- 4 Turn the shower/bath selector handle to the “シャワー(シャワー)” (shower) side, and open the drain valve on the shower pipe.

- 5 Turn the shower/bath selector handle to the “吐水口(吐水口)” (faucet) side.

- 6 Turn the temperature adjustment handle from the “C” side to the “H” side several times.

- 7 Shake the shower head to thoroughly remove water, place the shower head carefully on the floor so as not to scratch it, and drain the water.

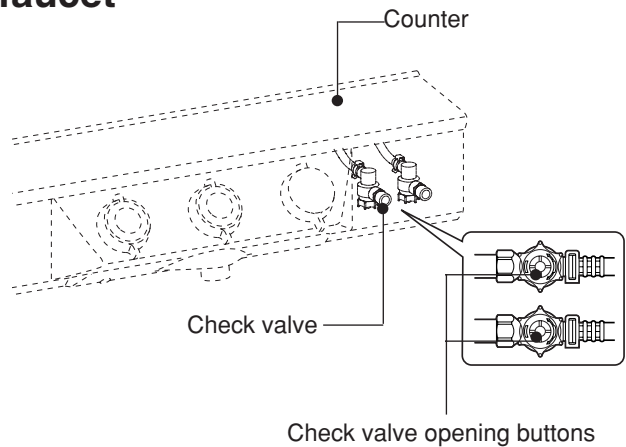
- * To start water flowing again, close the 3 drain valves, align the shower/bath selector handle in the “止” (stop) position, and return the temperature adjustment handle to 40°C (105°F) or less.



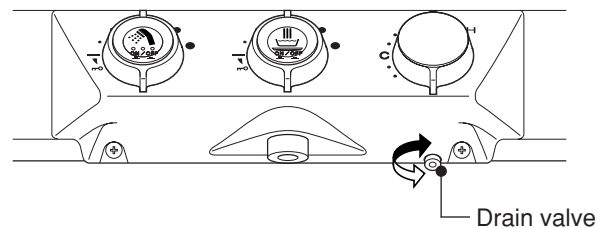
Cleaning Methods/Cleaning the Faucet

● How to drain water from a push faucet

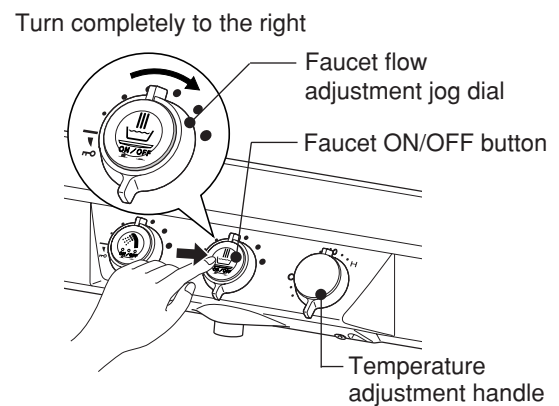
- ❶ Drain water using the drain valve in your bathroom.
- ❷ Push the 2 check valve opening buttons under the counter, then leave it for 1 minute or more.



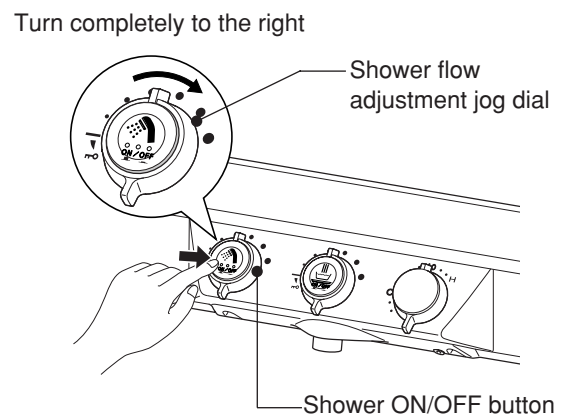
- ❸ Open the drain valve.



- ❹ Set the faucet flow adjustment jog dial to fully open. Press the faucet ON/OFF button to set it to the water stop state (—).
- ❺ Turn the temperature adjustment handle from the "C" side to the "H" side several times.



- ❻ When water stops flowing from the faucet, set the shower flow adjustment jog dial to fully open. Press the shower ON/OFF button to set it to the water flow state (—).
- ❼ Shake the shower head to thoroughly remove water, place the shower head carefully on the floor so as not to scratch it, and drain the water.
- ❽ Turn the temperature adjustment handle from the "C" side to the "H" side several times.
- ❾ Shake the shower head to thoroughly remove water.

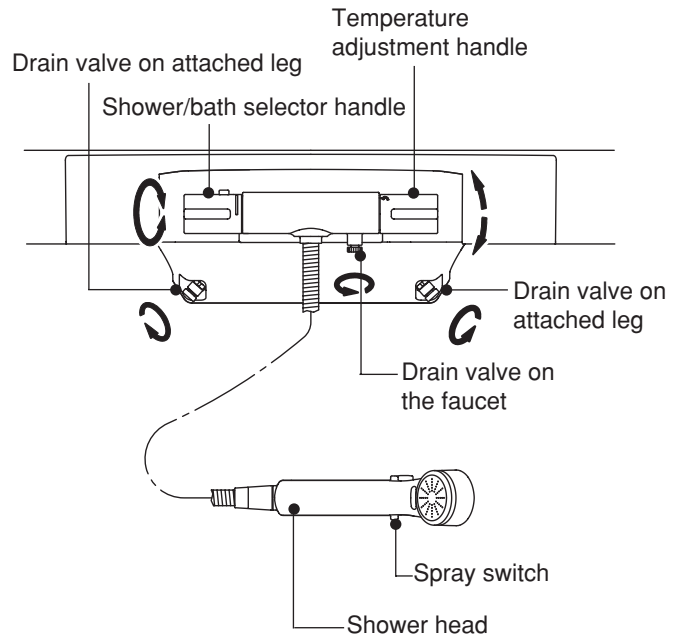


- * Before starting water flow again, return the temperature adjustment handle to 40°C (105°F) or less, then press the faucet ON/OFF button and shower ON/OFF button to set both buttons in the water stop state (—).

● How to drain water from an SSU counter faucet

- ❶ Drain water using the drain valve in your bathroom.
- ❷ Open the 2 drain valves on the attached legs.
- ❸ Turn the temperature adjustment handle completely towards “C”.
- ❹ Open the drain valve on the faucet.
- ❺ Hang the shower head in the highest shower hook, and then the shower/bath selector handle to the shower side (up).
- ❻ Turn the temperature adjustment handle from the “C” side to the “H” side several times.
- ❼ Turn the shower/bath selector handle to the faucet side (down).
- ❽ Turn the temperature adjustment handle from the “C” side to the “H” side several times.
- ❾ Shake the shower head to thoroughly remove water, place the shower head carefully on the floor so as not to scratch it, and drain the water.

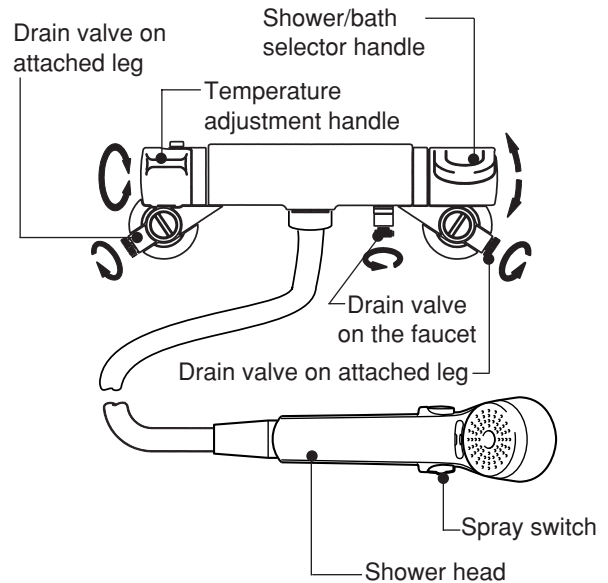
* Close the drain valves before flowing water again.



● How to drain water from a wall-mounted thermostatically controlled faucet

- ❶ Drain water using the drain valve in your bathroom.
- ❷ Open the 2 drain valves on the attached legs
- ❸ Turn the temperature adjustment handle completely in the direction of "C".
- ❹ Open the drain valve on the faucet.
- ❺ Hang the shower head on the highest shower hook, then turn the shower/bath selector handle to the shower side (up).
- ❻ Turn the temperature adjustment handle from the "C" side to the "H" side several times.
- ❼ Turn the shower/bath selector handle to the faucet side (down).
- ❽ Turn the temperature adjustment handle from the "C" side to the "H" side several times.
- ❾ Shake the shower head to thoroughly remove water, place the shower head carefully on the floor so as not to scratch it, and drain the water.

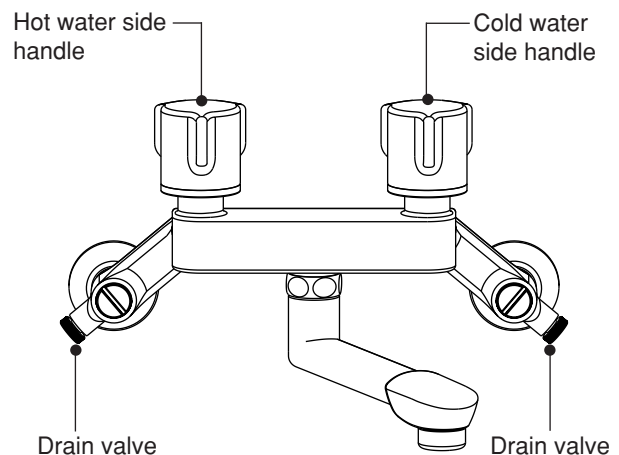
* Close the drain valves before flowing water again.



● How to drain water from a wall-mounted 2-handle faucet

- ❶ Drain water using the drain valve in your bathroom.
- ❷ Open the hot water side handle and cold water side handle.
- ❸ Open the 2 drain valves on the attached legs.

* Close the drain valves before flowing water again.



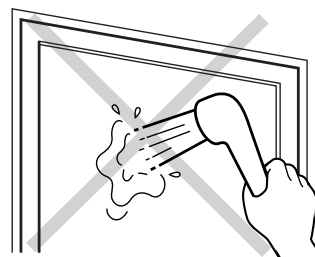
Cleaning the Door

Daily

Wipe off splashed shampoo, conditioner, and soap foam with a damp cloth.

It is recommended to thoroughly wipe off moisture at this time, as mold grows easily on the door seal.

- * When washing the door, do not directly spray water on the door. Water can splash outside of the door.
- * Diligently remove dirt accumulated in the door frame. It can cause scratches.



When grime becomes visible

If the grime is terrible in places such as on or under the door, or on the door seal, clean off using diluted synthetic bathroom cleaner (neutral) with a toothbrush or other tool.

Wipe off thoroughly with a damp cloth so that cleaner does not remain.

- * Diligently clean the grille area (air entry opening) with a vacuum cleaner or the like, so it also does not clog.
- * Do not use items which may **scratch the surface**, such as brushes, abrasive chemicals, sponges which contain abrasive chemicals, dirty rags, etc.

■ Cleaning a Tempered Swing Door and FIX Window

Please note

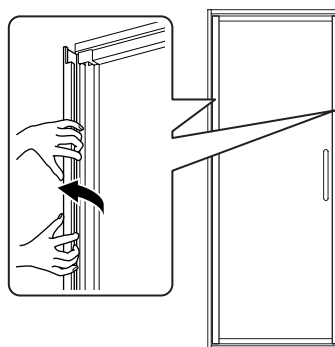
Tempered swing doors and FIX windows are made of tempered glass. Shatter prevention film is attached to the clothes changing room side of tempered glass for safety. When cleaning glass surface on its clothes changing room side, lightly wipe with a rubber cleaning spatula or soft wet cloth. (Never polish with a dry cloth).

- * Do not use items which can **scratch the film**, such as brushes, abrasive chemicals, sponges which contain abrasive chemicals, dirty rags, etc.

The grille (air entry opening) is in the vertical frame on both sides of the tempered swing door. To prevent clogging, open up the vertical frame and diligently clean with a vacuum cleaner, wrung out wet rag, etc.

- * Be careful not to jam a hand in the door when cleaning.

Grime on the bathroom side glass of the tempered swing door can be easily cleaned by wiping off with a rubber cleaning spatula, etc.



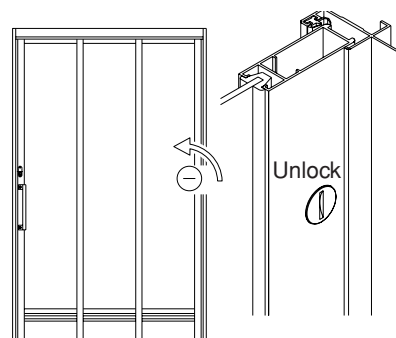
Cleaning Methods/ Cleaning the Door

■ Cleaning a One Way Sliding Door and 3-Piece Sliding Door

● How to remove the bottom cover of a one way sliding door and 3 piece sliding door

How to remove the door

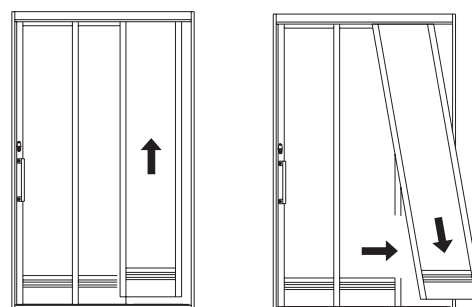
- 1 Unlock the lock of the fixed door panel with a flat-head screwdriver, etc.



- 2 While lifting up the door, pull the lower part towards you.

This removes the door.

- * Starting with the panel on your side, remove one panel at a time until all are removed.



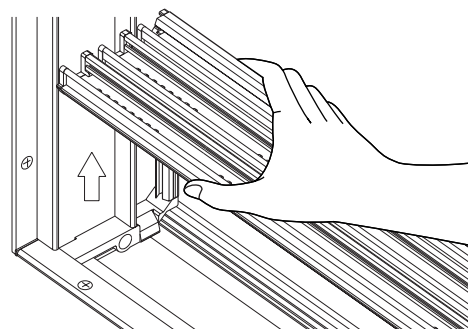
How to remove the bottom frame track

- 1 Grab the lower frame track and lift it up to remove it.

- 2 Remove dirt or other debris from the bottom frame track and door frame.

- 3 After the cleaning is completed, install the track by performing the removal procedure in reverse order.

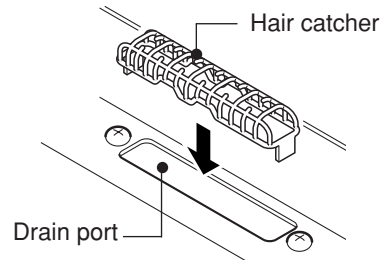
- * Do not wash the removed dirt or other debris from the drain. Doing so could clog the drain.



The drain port under the door

There is a hair catcher over the drain port under the door. When cleaning the drain port, take out the hair catcher and remove dirt. After cleaning, do not forget to replace the hair catcher.

- * Securely fit the hair catcher's tabs in the drain port.
- * Only use synthetic bathroom cleaner (neutral) for cleaning the bottom frame area. Other cleaners can damage drain parts, or cause water leakage.
- * Remove dirt and dust accumulated in the bottom frame grooves with a soft bristled worn out toothbrush, etc.
- * Do not wash dirt from the drain port. Doing so can clog the drain pipe or cause water leakage to outside the bathroom.
- * Clean the bottom frame area about once a week.
- * Be careful not to drop the hair catcher in the drain port by mistake.



Cleaning and Replacing Lights



Warning



Besides replacing the bulb, do not attempt to disassemble or modify the light fixture.

* Doing so could **cause electric shock, short circuit or breakdown.**



Be sure to use fluorescent tubes or light bulbs of the specified type and watts.

* If this is not done, it could **cause fire.**



Always replace light bulbs and tubes with the power switch turned off.

* There is danger of **electric shock or a short circuit.**



Do not use a light with a removed or damaged light cover.

* There is danger of **electric shock, or of the bulb or tube breaking and causing injury.**



Securely attach parts like bulbs, fluorescent tubes, rubber seals, caps, etc.

* Improper installation can **cause electric shock, injury, breakdown or malfunction.**



Caution



Replacing light bulbs or tubes is performed in a high place. Take adequate precautions of the place you are standing on.

Do not do this work by standing on the bathtub.

* There is danger of **injury.**



Do not replace a light bulb immediately after it burns out.

* The fixture and light bulb will be hot, and there is danger of **burns** if it is handled too quickly.



Be sure to use the light only with the light cover fastened securely in place.

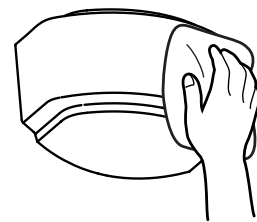
* If it falls, it could **cause injury.**

When grime becomes visible

Dip a soft cloth or sponge in appropriately diluted synthetic bathroom cleaner (neutral), and wipe the grime off softly .

Wipe off cleanser with a damp cloth.

* Do not hit or bump into the light with hard objects. It may scratch the light.



■ Replacing light bulbs and fluorescent tubes in light fixtures

If the light does not come on even when the power switch is turned on, the fluorescent tube or the light bulb may be burned out.

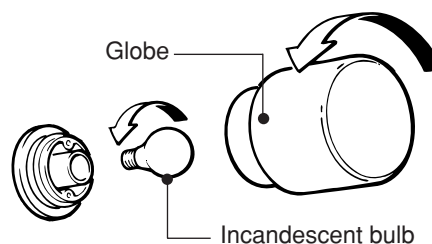
Turn off the power switch, then replace the bulb or tube in the following procedure.

If the light does not come on even after it has been replaced, contact the dealer where you purchased the bath system.

● How to replace an incandescent bulb in the wall light fixture

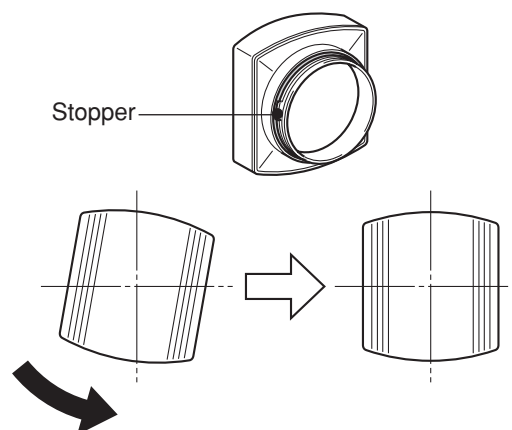
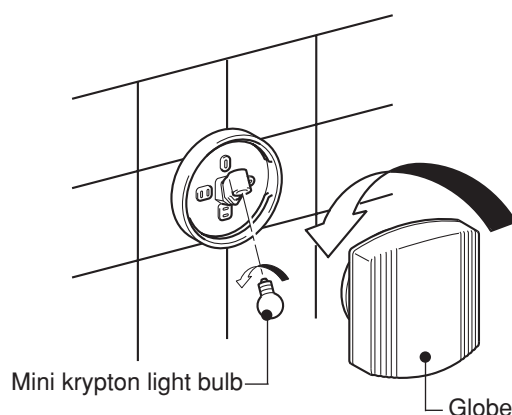
For the cylindrical light, indirect light, square light, and half globe light

- ❶ Turn off the light switch, then wait until the fixture and bulb are sufficiently cool.
- ❷ Rotate the globe to the left and remove it.
- ❸ Remove the light bulb, and replace with a new bulb (incandescent bulb).
- ❹ Rotate the globe to the right, and securely attach it.
* For indirect lights and square lights, attach so the upper surface is level.
- ❺ Turn the light switch on and check if the light comes on.



For the thin shape light

- ❶ Turn off the light switch, then wait until the fixture and bulb are sufficiently cool.
- ❷ Rotate the globe to the left and remove.
- ❸ Remove the light bulb, and replace with a new bulb (mini krypton bulb).
- ❹ Rotate the globe to the right, and securely attach it.
* For thin shape lights, come back a little from where it hits the stopper, and attach so the globe surface is vertical.
- ❺ Turn the light switch on and check if the light comes on.



Appropriate light bulbs

Use the light bulbs specified below in accordance with the indications on the light fixture.

* If a bulb other than the specified type is used, it could cause a fire.

For cylindrical lights, indirect lights, square lights, and half globe lights

Appropriate Bulb	Recommended Replacement Bulb
Silica light bulb 60W	LW100V54W

For thin shape lights

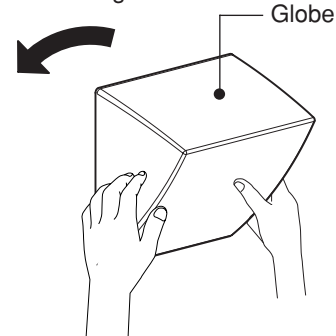
Appropriate Bulb	Recommended Replacement Bulb
Mini krypton light bulb 60W (E17 base)	100V 54W (white)

Cleaning Methods/Cleaning and Replacing Lights

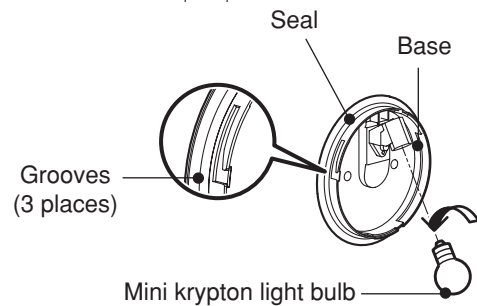
For the slice light

- 1 Turn off the light switch, then wait until the fixture and bulb are sufficiently cool.
- 2 Firmly hold both sides of the globe, and rotate to the left about 20 degrees to remove the globe.

Rotate left about 20 degrees

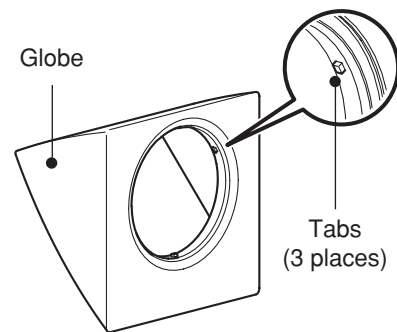


- 3 Remove the light bulb, and replace with a new bulb (mini krypton bulb).



- 4 Align the globe's tabs with grooves in the base, and while lightly pushing the globe into the base, rotate to the right about 20 degrees to attach it.

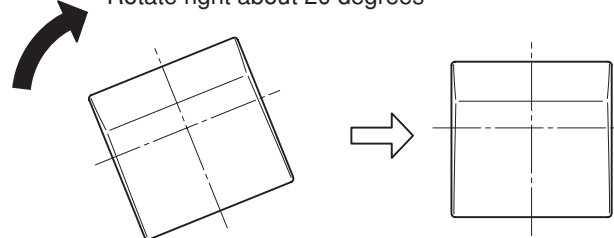
- * If the globe is wet, remove the moisture before attaching.
- * Check that the seal is not twisted on the base, then install the globe.
- * Attach the globe so the globe upper surface of the slice light is level.
Water cutoff performance is maintained, even if the globe angle is adjusted so that its upper surface is level.



- 5 Turn the light switch on and check if the light comes on.

- * Replace the globe if deformed or damaged.

Rotate right about 20 degrees



Appropriate light bulbs

Use the light bulb specified below in accordance with the indications on the light fixture.

- * If a bulb other than the specified type is used, it could cause a fire.

Appropriate Bulb	Recommended Replacement Bulb
Mini krypton light bulb 60W (E17 base)	100V 54W (white)

Cleaning Methods/Cleaning and Replacing Lights

● How to replace an incandescent bulb in a down light

Caution

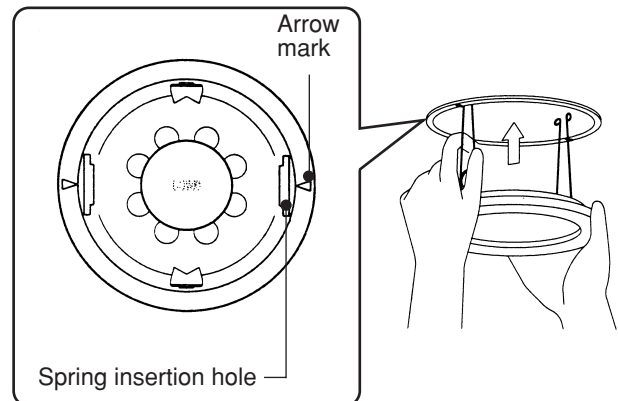
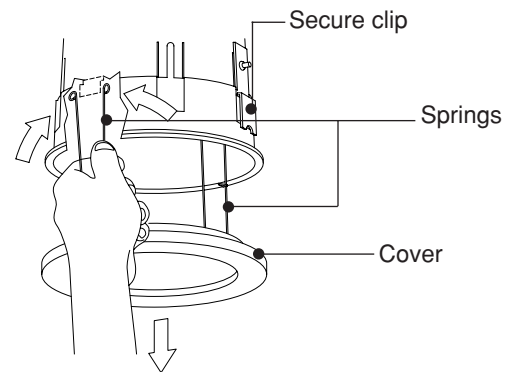


Note that the knob for the secure clip is inside the fixture.

Do not move the position of the secure clip.

* There is a danger that the fixture can fall from the ceiling, **causing injury**.

- ❶ Turn off the light switch, then wait until the fixture and bulb are sufficiently cool.
- ❷ Lower the cover, and remove the spring while pinching the 2 ends together.
- ❸ Remove the light bulb, and replace with a new bulb (incandescent bulb).
- ❹ While pinching the cover springs, insert it into the spring insertion holes inside the fixture, then push the cover up and secure it so there are no gaps.
- ❺ Turn on the light switch and check if the light comes on.
 - * The positions of the spring insertion holes are at a 90 degree angle to the secure clip, so install correctly. (The arrow marks indicate the spring insertion holes).



Appropriate light bulbs

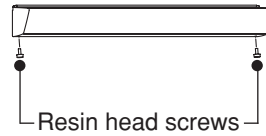
Use the light bulbs specified below in accordance with the indications on the light fixture.

* If a bulb other than the specified type is used, it could cause a fire.

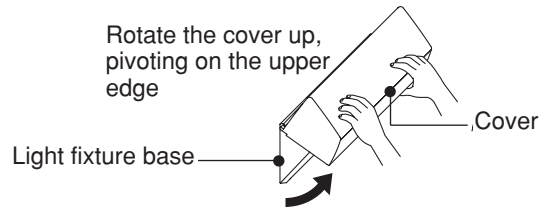
Appropriate Bulb	Recommended Replacement Bulb
Silica light bulb 60W	LW100V54W

● How to replace a fluorescent tube

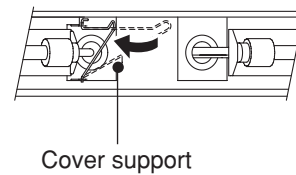
- 1 Turn off the light switch, then wait until the fixture and tube are sufficiently cool.



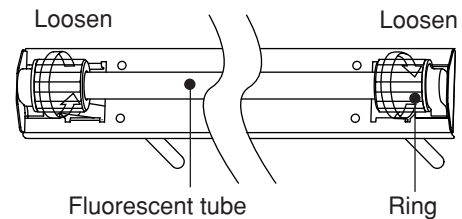
- 2 Remove the resin head screws from under the light cover, and slowly rotate the light cover while supporting it with both hands.



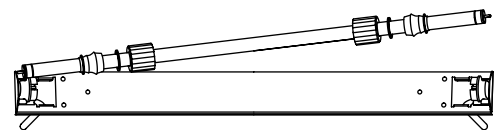
- 3 Pull out the light cover support towards you, and put the light cover on it.



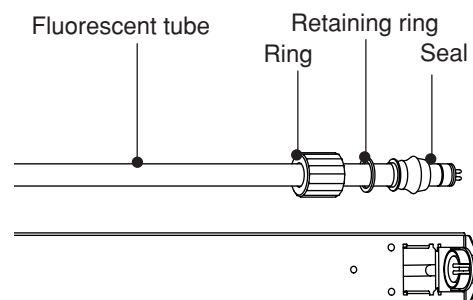
- 4 Loosen the rings on the left and right of the fluorescent tube.



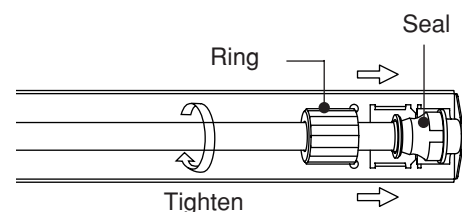
- 5 Slide the retaining rings and seals inside the rings, and remove the fluorescent tube.



- 6 Place the retaining rings and seals on the new fluorescent tube, align the fluorescent tube's terminals with the holes in the socket, and attach it.

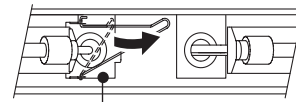


- 7 Slide the seals until they hit the sockets, then push the retaining rings against them and tighten the rings.



Cleaning Methods/Cleaning and Replacing Lights

- ⑧ While supporting the light cover, return the light cover support back inside, and slowly rotate the light cover while pressing it's back against the wall.



Cover support

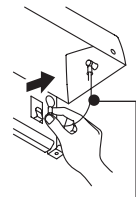
- * Be careful not to hit it when closing the cover.

- ⑨ Screw the resin head screws into the lower part of the light cover.

How to remove the drop prevention wire

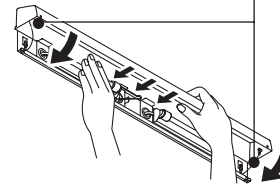
Remove the wire ring from the fixture hook.

- * Do not remove the wire from the fixture, except when removing the light cover.
- * Set the wire back to the original position when placing the cover.



Drop prevention wire

Take care not to jam the drop prevention wire



Appropriate lamps

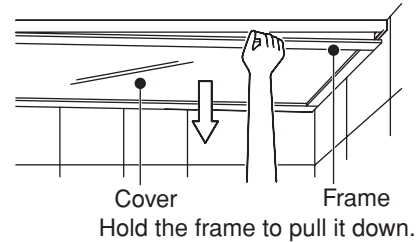
Use the lamp specified below in accordance with the indications on the light fixture.

- * If a lamp other than the specified type is used, it could cause a fire.

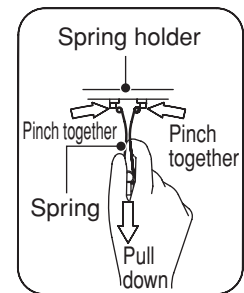
Appropriate lamp	Recommended Replacement lamp
Fluorescent Quintron 24W	FHF24SEN

● How to replace a fluorescent tube in the embedded ceiling light

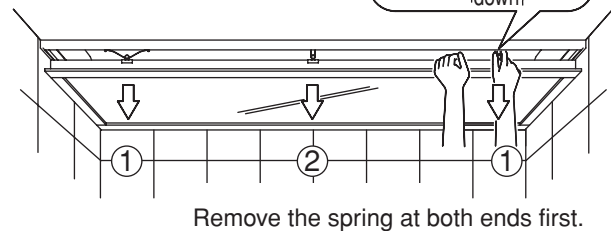
- ❶ Turn off the light switch, then wait until the fixture and tube are sufficiently cool.
- ❷ Pull down the entire cover.



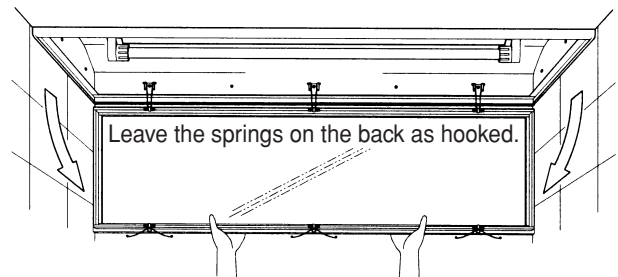
- ❸ Remove the springs from which the cover hangs. There are 2 or 3 springs on the front. If there are 3 springs, **remove the right and left springs first.**



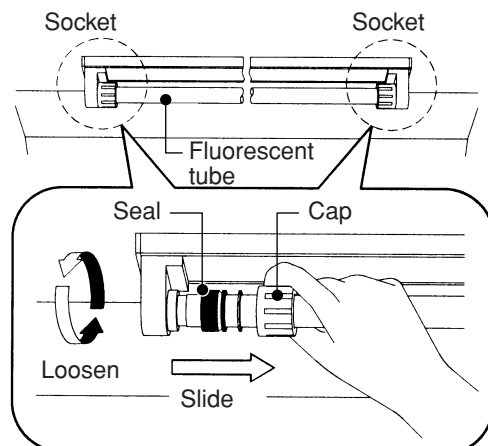
- ❹ Pinch the two ends of the spring together and pull down, pulling it out of the spring holder.



- ❺ Remove all the springs on the front, then slowly lower the light cover while supporting it. Leave the cover as hung by the back springs.

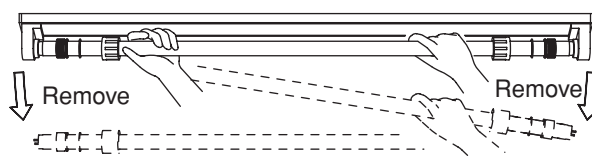


- ❻ Loosen the caps on both ends of the fluorescent tube, and slide the seals inside the cap.

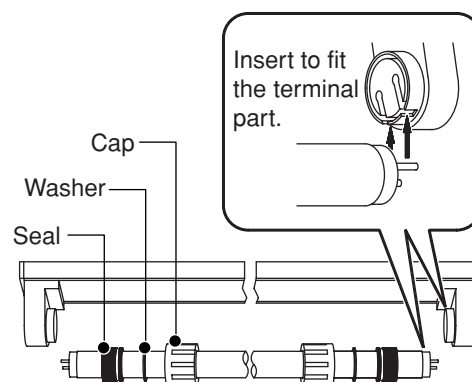


Cleaning Methods/Cleaning and Replacing Lights

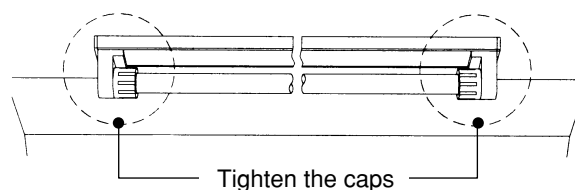
- ⑦ Remove the fluorescent tube from the sockets one end at a time.



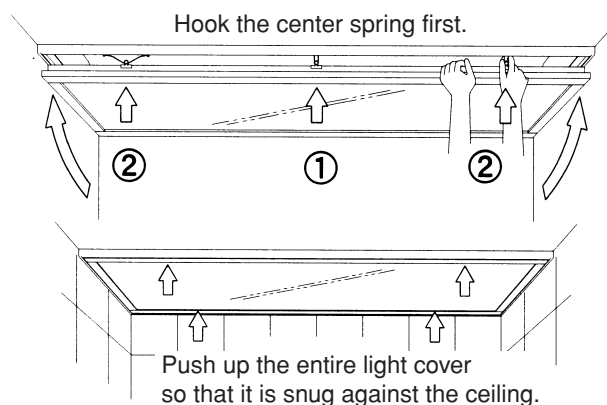
- ⑧ Remove the caps, washers, and seals, place them on a new tube, then install in the sockets by following the removal procedure in reverse order. Securely insert the fluorescent tube in the socket terminals.



- ⑨ Slide the seals on both ends toward the sockets, then tighten the caps.



- ⑩ Fasten the springs while holding the light cover up. If there are 3 springs, **hook the center spring first**. Pinch both ends of the springs together and hook them in the spring holders, following the removal procedure in reverse order.



Appropriate lamps

Use the lamps specified below in accordance with the indications on the light fixture.

* If a lamp other than the specified type is used, it could cause a fire.

	Appropriate Lamp	Recommended Replacement Lamp
In the case of 40-watt tubes	Straight tube with rapid start type, diameter : ϕ 32.5 mm Recommended light color: White, Incandescent light color	FLR40S/M
In the case of 20-watt tubes	Straight tube with rapid start type, diameter : ϕ 32.5 mm Recommended light color: White, Incandescent light color	FLR20S/M

* Fluorescent tubes which use a starter (Part No.: FL40SS/, FL20SS/) cannot be used.

Cleaning Methods/Cleaning the Ventilator Fan and Heater

Cleaning the Ventilator Fan and Heater

- * The shape can differ depending on the product. Explanation below is the general cleaning method. For details, see the User's Manual attached with each product.
- * For ventilator fans other than INAX products, check the User's Manual for each equipment.

Warning



Persons other than repair technicians should not attempt to disassemble, repair or modify this equipment in any way except to remove the louver.
* There is a danger of **fire, mechanical abnormality or injuries**.



Be sure to turn the power off before cleaning the ventilator fan or heater.
* There is a danger of **electric shock or injuries**.

Caution



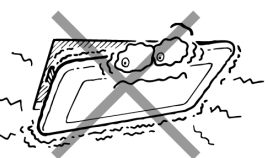
Do not splash water on the ventilator fan or heater.

* There is a danger of **product breakage or current leakage**.



Install the louver and air filter completely.

* There is a danger of **injuries** by the louver or air filter falling off.



This operation is performed in a high place. Watch your step. Dust may fall on your head. Do not stand on the bathtub or counter.



Do not touch the heater right away after stopping operation.

* There is a danger of **burns**.



Wear rubber gloves when cleaning the louver.

* There is a danger of **injuries**.



Please note

Do not use powdered cleansers, scouring powder, lacquer, thinner, alcohol, hydrochloric acid, or similar chemicals.

* Using such substances could **cause scratches, discoloration or other damage**.

Also do not use sandpaper or a scrub brush, since they could ruin glossy finish and scratch the surface.



(Powder)

■ For a Ventilator Fan

If a different company's equipment is installed, read the User's Manual attached with the product and follow the given cleaning instruction.

Please note

Do not directly splash water on the unit, switches, or ceiling.

* Doing so could **cause breakdown and mold**.

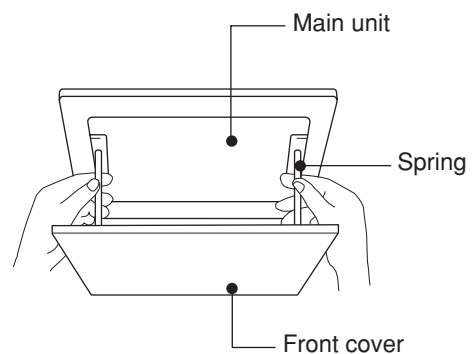
Do not apply an undue force on internal machine parts such as the fan.

* Doing so could **cause breakdown**.

Every month

- ❶ Stop operation, and remove the front cover.
- ❷ Wipe off dirt with a dry soft cloth or a cloth wrung out with hot water .
- ❸ Return the front cover to the original position.

* Install the front cover securely. If improperly installed, it could fall.



When grime becomes visible

Dip a soft cloth or sponge in appropriately diluted synthetic bathroom cleaner (neutral), and wipe the grime off softly .

Wipe off the cleanser with a damp cloth.

Return the front cover to the original position.

* Install the front cover securely. If improperly installed, it could fall.

Cleaning Methods/Cleaning the Ventilator Fan and Heater

■ For a Ventilator/Dehumidifier/Heater

If a different company's equipment is installed, read the instruction manual attached with the product and follow the given cleaning instruction.

Please note

Do not directly splash water on the unit, switches, or ceiling.

* Doing so could **cause breakdown and mold**.

● Filter (some types do not have a filter.)

Accumulated dirt and dust in the filter may deteriorate the equipment performance.

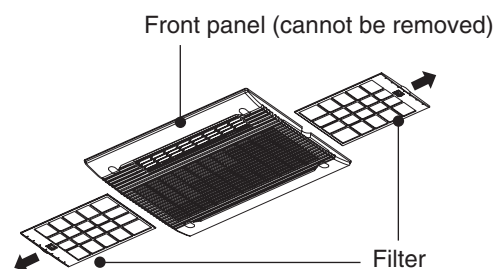
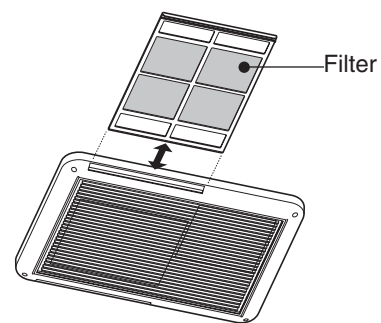
* If you have the 3-room ventilator/dehumidifier/heater, clean the filters for the toilet and washroom sub intake grille.

Every month

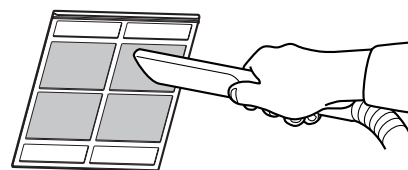
Clean the ventilator/dehumidifier/heater unit

- ❶ Stop operation, and wait until the area around the intake and output vents get cool sufficiently.
- ❷ Pull the filter grip to remove the filter.

- ❸ Vacuum dust on the filter with a vacuum cleaner.
- ❹ Replace the filter in its original position.

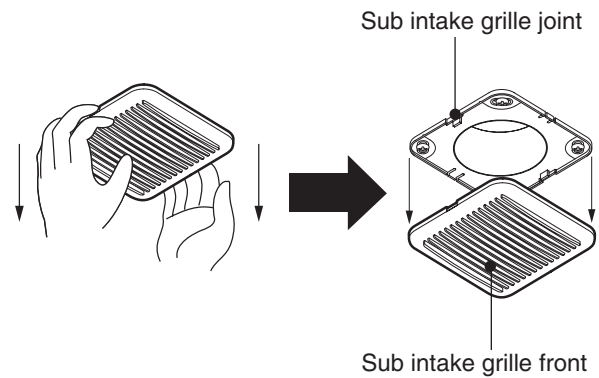


* If you have the 3-room ventilator/dehumidifier/heater

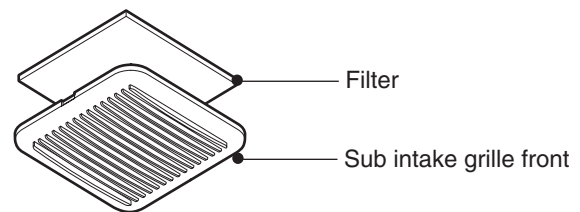


Cleaning a sub intake grille (for the 3-room ventilator/dehumidifier/heater)

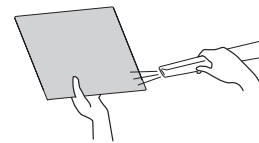
- 1 Slowly remove the sub intake grille front with both hands.



- 2 Remove the filter inside the sub intake grille front.

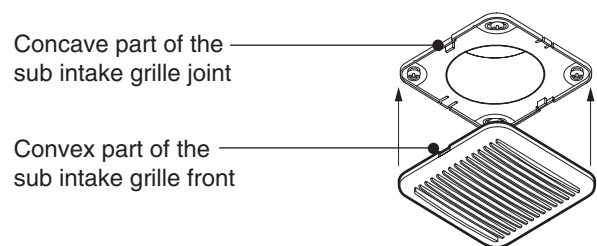


- 3 Vacuum dust on the filter with a vacuum cleaner.



- 4 Set the filter in the sub intake grille front, and attach the sub intake grille front.

* Set the filter in the sub intake grille front. Install in a direction so that the concave part of the sub intake grille joint aligns with the convex part of the sub intake grille front.



● Main unit, remote controller

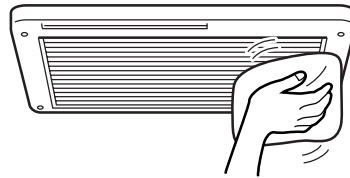
Please note

Do not directly splash water on the unit, switches, or ceiling.

* Doing so could **cause breakdown and mold**.

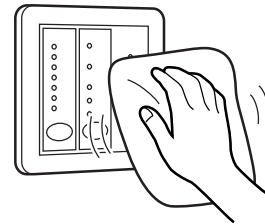
Every month

- ❶ Stop operation, and wait until the area around the air exhausting port get cool sufficiently.
- ❷ Wipe off dirt with a dry soft cloth or a cloth wrung out with hot water.



When grime becomes visible

- ❶ Stop operation, and wait until the area around the air exhausting port get cool sufficiently.
- ❷ Dip a soft cloth or sponge in appropriately diluted synthetic bathroom cleaner (neutral), and wipe the grime off softly.
- ❸ Wipe off cleanser with a wet cloth.



Removing the Ceiling Inspection Door for Maintenance

Notify a construction worker of the instructions below when performing inspection or repair related to electric cables, water pipes, etc.



Caution



Open the ceiling door to perform the inspection or repair when trouble occurs on the electric cable, pipe or the like. Only the qualified person for the inspection or repair can open the ceiling inspection door. Do not place objects above the ceiling.

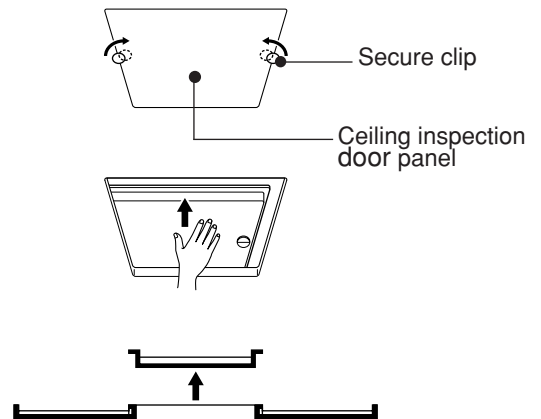
* Failing to observe the above instruction could **cause fire, electric shock or ceiling damage**.



Be sure to lock the ceiling inspection door secure clip.

* If failed, the ceiling inspection door cover could fall, resulting in **injuries**.

- 1 Turn the secure clip to the ceiling inspection door panel side.
- 2 Push up the ceiling inspection door panel.
- 3 When reattaching the ceiling inspection door panel, return it to the ceiling inspection door, and turn the secure clips to the ceiling side.



Troubleshooting

Before Requesting Repairs



Warning



Persons other than authorized repair technicians should never be permitted to disassemble, repair or modify this product.

- * Doing so could **cause a fire, faulty operation or injury.**
- * Continued use despite malfunction can **cause fire, short circuit, and water leakage.**

If the product breaks down, refer to the “Troubleshooting” section (page 98).

If the trouble is still not corrected, contact the retail shop where you purchased the product or contact INAX Maintenance Co., Ltd.

Furthermore, also contact us in the following cases, even if it is not the product trouble.

- If there are any points that are unclear, even if the product is used in accordance with the instructions in the User's Manual.
- If there are strange odors or sounds in or near the bathroom, turn off the fixture switches and electrical distribution panel breakers, and quickly request repairs.

Leaving the above situation as it is can lead to unexpected accidents. Be sure to contact us.

Troubleshooting

Troubleshooting

Part	Problem	Cause	How to Check & Respond	Refer to Page	
Floor	Water flows avoiding an area on the mosaic pattern floor.	There is dirt in the mosaic pattern.	Clean the floor along the direction of the mosaic pattern.	59	If the action on the left does not work, please request us to repair.
Floor drain port	It takes time that water drain out from the washing area floor.	The drain trap or the hair catcher is clogged.	Clean the drain trap or the hair catcher.	61	
	Bad odors come from the drain opening.	The water seal tube is not fit.	Install the water seal tube correctly.	62	
		There is dirt accumulated in the drain port.	Remove dirt from the drain port, and clean grime if any.	61	
Reheater port	The water heating function is not working right.	The reheater port filter is clogged with hair, etc.	Clean the filter.	55	
Ceiling	The ceiling inspection window is rattling.	The ceiling inspection window is not secured.	Secure the ceiling inspection window.	96	
Door	The door will not open.	The door is locked.	Unlock the door.	26~31	
	Water leaks into the clothes changing room from the bottom of the door frame.	Hair or dirt accumulated in the drain port under the door, so water does not flow into the drain port.	Clean out dirt in the drain port under the door.	82	
Bathtub	Bathtub won't fill up. (bathwater has decreased by the next morning)	Drain is not plugged or drain core is not set correctly.	Correctly plug the drain and set drain core.	56、 57	
	Takes a long time to drain.	There is hair or dirt accumulated in the drain port or drain core.	Clean out dirt from the drain port and drain core.	56、 57	
	Water has been cooled when the next person gets in the bathtub.	The bath lid is not being used, so hot water gets cool easily.	Use the bath lid.	6	
Push one way drain plug	The button does not move smoothly.	The pushbutton is grimy, or dirt has accumulated.	Clean the pushbutton.	57	
Faucet	Water flow is weak.	The strainer is clogged.	Clean the strainer.	71~75	
		The hot water supply performance is deteriorated.	Use hot water as little as possible at the same time outside the bathroom.	—	
	Hot water temperature doesn't rise, or is unstable.	The temperature set on the water heater is low.	Raise the temperature setting on the water heater adding 10°C or higher than the highest temperature used.	—	
		The amount of water flowing from the faucet is low, so the water heater cannot be ignited.	Increase the water flow rate from the faucet.	—	
		The hot water supply performance is deteriorated.	Use hot water as little as possible at the same time outside the bathroom.	—	
		The strainer is clogged.	Clean the strainer.	71~75	
		The temperature adjustment on the thermostatically controlled faucet is deviating.	Reset the temperature adjustment handle setting (see the User's Manual for the faucet).	15~20	
		Hot water is being used in the kitchen, washroom, etc.	Reduce the hot water volume in other places.	—	
Shower	Water dribbles out from the shower head for several seconds after water is turned off.	This is water remained in the shower head. It is not a faucet water shutoff malfunction.	When returning the shower head to the shower hook, first let the water thoroughly run out of the shower head.	22~24	
Storage	Storage shelf rattles.	Storage shelf are not properly secured.	Properly secure storage shelf	67、 68	
Lights	Lights do not turn on.	The tube or bulb is not properly inserted in its socket.	Properly insert the tube or bulb in its socket.	84~90	
		The tube or bulb is dead.	Replace the tube or bulb.	84~90	
Ventilator fan, Ventilator / dehumidifier/ heater	See the User's Manual of each unit.			—	
Water heater or its remote controller	See its User's Manual, or contact the water heater manufacturer.			—	

Troubleshooting

When Requesting Repairs

When you request repairs, read through this manual again. If you still have the problem after performing indicated methods, ask the dealer where you purchased the product or INAX Maintenance Co., Ltd. to carry out repairs.

Repairs during the Warranty Period	Repairs after the Warranty Period has passed
During the warranty period, repairs will be performed in accordance with the provisions in the warranty.	If the product's function can be maintained by repairing, we perform repairs with charge by the customer's request. Repair charges will include technical fees, travel expenses and parts costs.

Required information when requesting repairs

1. Your name, address and telephone number
2. The product name, product No.←Refer to “How to Read Part Numbers” inside the cover page
3. The number on the control number sticker.
4. The installation date.
5. The content of the trouble, the abnormal condition (as detailed as possible). See “Troubleshooting” on page 98.
6. The date you want the repair man to come.

Where to request repairs, and where to ask questions regarding after-sales service

Contact the dealer where you purchased the system bathroom, or INAX Maintenance Co., Ltd.

- Dealer where you purchased the product
- INAX Maintenance Co., Ltd.

TEL ☎ 0120-1794-11

Requests for repair accepted 365 days a year

Hours: 9:00 to 22:00

FAX ☎ 0120-1794-56

Home Page Address: <http://www.i-mate.co.jp>

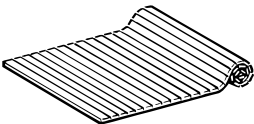
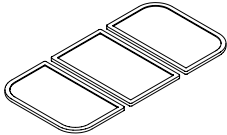
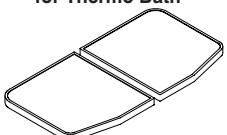
Replacement Parts Guide

About replacement parts

Following parts are available individually to be used for replacement at home.

■ Bath Lid

The appropriate bath lid differs depending on the size of bathroom in your house. Refer to the following table when selecting a bath lid.

			Roll-up Cover		Multi-piece Cover		Multi-piece Cover exclusively for Thermo Bath	
								
			Replacement Part No.	Price including tax (shipping charged separately)	Replacement Part No.	Price including tax (shipping charged separately)	Replacement Part No.	Price including tax (shipping charged separately)
Size 1200	Standard bathtub	General use	BL-S72119-K	5,460 Yen	YFK-1275C(2)	16,800 Yen	YFK-1275B(1)-D	33,600 Yen
		For push one way drain plugs	BL-SC72119-K	6,720 Yen				
Size 1300	Standard bathtub	General use	BL-S72129-K	6,090 Yen	YFK-1375C(2)	17,850 Yen	YFK-1375B(1)-D	34,650 Yen
		For push one way drain plugs	BL-SC72129-K	7,350 Yen				
	Oval bathtub	General use	BL-S77127-K	6,090 Yen	YFK-1377C(1)	17,850 Yen	YFK-1377B(1)-D	34,650 Yen
		For push one way drain plugs	BL-SC77127-K	7,350 Yen				
Size 1400	Standard bathtub	General use	BL-S87127	8,400 Yen	YFK-1387C(1)	19,950 Yen	YFK-1387B(1)-D	34,650 Yen
		For push one way drain plugs	BL-S87127	8,400 Yen				
	Oval bathtub	General use	BL-S72139-K	6,720 Yen	YFK-1475C(5)	18,900 Yen	YFK-1475B(1)-D	35,700 Yen
		For push one way drain plugs	BL-SC72139-K	7,980 Yen				
Size 1600	Standard bathtub	General use	BL-S77137-K	6,720 Yen	YFK-1477C(1)	18,900 Yen	YFK-1477B(1)-D	35,700 Yen
		For push one way drain plugs	BL-SC77137-K	7,980 Yen				
	Wide bathtub	General use	BL-S93133	8,925 Yen	YFK-1494C(1)	21,000 Yen	YFK-1494B(1)-D	35,700 Yen
		For push one way drain plugs	BL-S93133	8,925 Yen				
Size 1600	Standard bathtub	General use	BL-S72159-K	7,875 Yen	YFK-1675C(2)	21,000 Yen	YFK-1675B(1)-D	37,800 Yen
		For push one way drain plugs	BL-SC72159-K	9,135 Yen				
	Oval bathtub	General use	BL-S77157-K	7,875 Yen	YFK-1677C(1)	21,000 Yen	YFK-1677B(1)-D	37,800 Yen
		For push one way drain plugs	BL-SC77157-K	9,135 Yen				
Size 1600	Wide bathtub	General use	BL-S93143	9,975 Yen	YFK-1694C(1)	23,100 Yen	YFK-1694B(1)-D	37,800 Yen
		For push one way drain plugs	BL-S93143	9,975 Yen				

- * A roll-up cover is not available for Ideatone bathtub (one with a deep transparent layer on the surface).
- * Product numbers and prices are subject to change.

■ Bathtub Drain Plug

● Push one way drain plug

Replacement Part Name	Replacement Part No.	Price including tax (shipping charged separately)
Drain plug (White)	PBF-01-KCV2/DJ	735 Yen
Drain plug (Stainless)	PBF-01-KCV2/DM	2,310 Yen
Drain core	PBF-01-KHC	84 Yen



Drain plug



Drain core

● Rubber Plug

If the customer replaces the plug himself, exchange the ring connected to the chain. If the metal part mounted on the bathtub is removed, it could cause hot water to leak out of the bathtub.

Replacement Part Name	Replacement Part No.	Price including tax (shipping charged separately)
Rubber Plug	RC-5G-L500	1,155 Yen
Drain core	PBF-5H-C2	126 Yen



Rubber Plug



Drain core

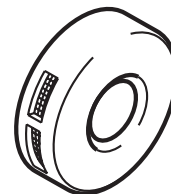
Replacement Parts Guide

■ The Safety Cover (With Hair Catcher) for Aqua-Jet

For details, see the User's Manual for aqua-jet.

Do not use the aqua-jet if the safety cover is deformed or damaged. To safely use aqua-jet again, purchase the parts below.

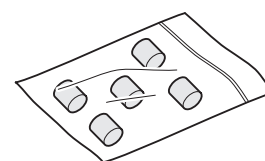
Replacement Part Name	Replacement Part No.	Price including tax (shipping charged separately)
Safety cover (White)	PJT-CIN121W	1,040 Yen
Safety cover (Black)	PJT-CIN121B	1,040 Yen



■ Sponge Filter (Part for Using the Bathwater for Laundry System)

When a sponge filter is not clean even if washed, or if it becomes old, replace it regularly using the sponge filter attached as an accessory (5 pc set). When replacements run out, purchase the item below.

Replacement Part Name	Replacement Part No.	Price including tax (shipping charged separately)
Sponge filter (5 pieces)	STC-SPN5	840 Yen



■ Extension Cover (Part for Using the Bathwater for Laundry System)

Following extension cover is available and can be exchanged at home, and customers can replace it themselves.

Replacement Part Name	Replacement Part No.	Price including tax (shipping charged separately)
Extension cover	STC-ELP	3,360 Yen



How to Purchase Replacement Parts

Specify the name and part No. of the replacement parts.

If you purchase parts from a dealer, etc.	If the home delivery service is used.
Purchase from a dealer that sells INAX products.	Your orders will be received by INAX Maintenance Home Delivery Service Co., Ltd. (Payment of separate shipping charges is necessary in the case of the home delivery service.) TEL ☎ 0120-00-1794 Hours: 9:00 to 17:00 (except Saturdays, Sundays and holidays)

* If you need to know a part number, or if there are any other points that are unclear, contact the Customer Consultation Center listed on the back cover.

After-sales Service

About the Warranty and Warranty Period

The waterproof performance of **this system bathroom** is covered by a 5-year warranty and performance other than waterproof performance is covered by a 2-year warranty, counted from the date when the unit is delivered to the construction company. However, repairs for some situations shall be chargeable, even during the warranty period. See Warranty (page 106) for details.

Parts Availability

The minimum parts availability period for replacement performance parts is 6 years after the product got discontinued. For repairs after the parts availability period has expired, some parts may not be available, so please understand.

* Replacement performance parts are parts which are required in order to maintain the performance of that product.

Periodic Inspection Recommended (Chargeable)

A periodic inspection is conducted on a chargeable basis, but it is recommended in the following cases.

- After two years from the occupancy date. Even if there have been no problems with product performance, the inspection is recommended to maintain the product performance for a long period of time.
- If you live in an area with lots of hot springs or near the coast, etc. where it is particularly easy for corrosion to occur.
- A bathroom that has not been used for a long time, such as the one in a vacation home.

Please consult with INAX Maintenance Co., Ltd. concerning the periodic inspection.

The periodic inspection charges include the inspection fee (technical fee), travel expenses and parts costs (if replacement is required).

Introducing the Bathroom Refresh Plan (Chargeable)

At INAX Maintenance Co., Ltd., the following service is available on a chargeable basis.

- [Total Bathroom Refresh] service: polishing of the ceiling, walls, floor, and metallic parts of water faucets, using appropriate cleaners.

Please feel free to inquire concerning these services.

Use the following toll-free number to call if you have any questions concerning these and other services.

INAX Maintenance Co., Ltd.

TEL ☎ 0120-1794-11

Hours: 9:00 to 22:00

FAX ☎ 0120-1794-56

Home Page Address: <http://www.i-mate.co.jp>

Requests for repair accepted 365 days a year

After-sales Service

About Disposal

When disposing of the bathtub, request disposal for a company that has received certification.
For details, consult the shop where you purchased this product.
The principal materials used in the bathroom are as shown in the following table.

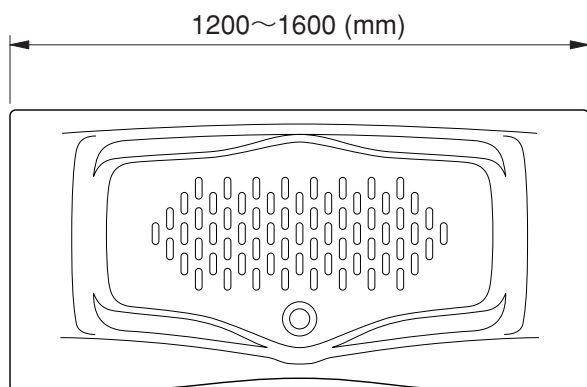
Part	Type	Material
Floor	FRP	FRP (Calcium carbonate, Unsaturated polyester resin, glass fiber)
	Tile	FRP (Calcium carbonate, Unsaturated polyester resin, glass fiber), tile (porcelain)
Wall	Tile	Ceramic, Cement based inorganic plates, steel tubing
	Steel panel	Vinyl chloride resin metal laminated sheet or polyester resin metal laminated sheet, gypsum board
Ceiling	—	Polyester resin coated metal laminated sheet, gypsum board
Bathtub	Ideatone	Base material: FRP (Calcium carbonate, Unsaturated polyester resin, glass fiber), acryl resin
	Grande V	Base material: Unsaturated polyester resin, glass frit, FRP (Calcium carbonate, unsaturated polyester resin, glass fiber)
	Silfe	Base material: Unsaturated polyester resin, Calcium carbonate, glass fiber
	FRP	Calcium carbonate, Unsaturated polyester resin, glass fiber
Apron	—	Polystyrene
Counter	GUU Type	Methacrylic resin
	GTU & UDU Types	Top layer base material: ABS, acryl resin. Bottom layer base material: ABS, polystyrene
	SSU Type	ABS resin
	SDU Type	ABS resin
	UXU Type	Base material: ABS, acryl resin

Bathtub Size

Bathtub Size and Volume

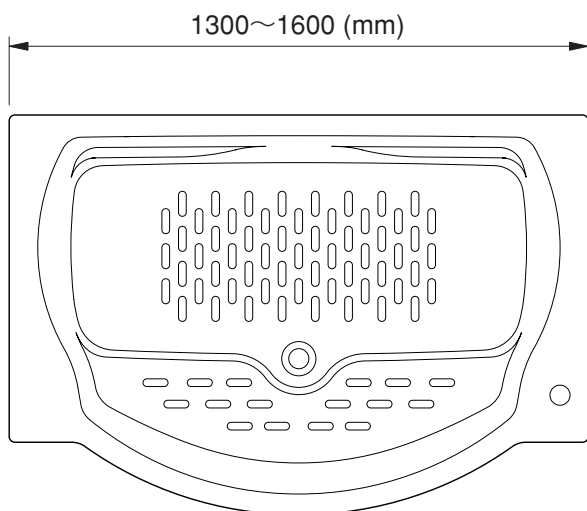
Maximum water volume and practical water volume differ, depending on the bathtub size. Practical water volume is determined as the reference of the maximum water volume when a man is in the bathtub, which is calculated as the maximum water volume minus 60L (the volume of 1 adult).

Standard bathtub



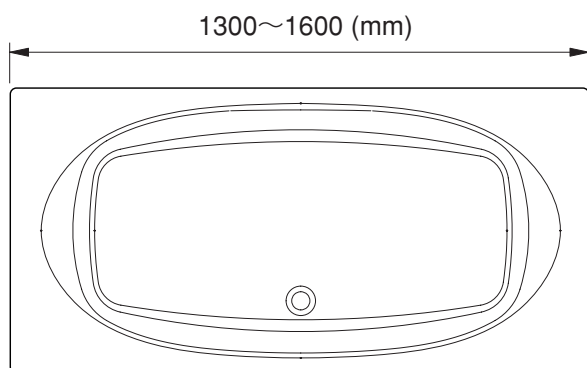
	Size 1200	Size 1300	Size 1400	Size 1600
Maximum water volume (L)	260	280	300	300
Practical water volume (L)	200	220	240	240

Wide bathtub



	Size 1300	Size 1400	Size 1600
Maximum water volume (L)	320	345	370
Practical water volume (L)	280	285	310

Oval bathtub



	Size 1300	Size 1400	Size 1600
Maximum water volume (L)	250	275	300
Practical water volume (L)	190	215	240

Warranty Certificate

Product type name		System Bathroom	
Series name		SOLEO	
Customer	Name:		
	Address: 〒 –		
Shop that handled or sold the product	Seal		
	Address: 〒 –		
	Tel: () –		
Installation delivery date	Year	Month	Day

Warranty Period
2 years from the installation delivery date.
However, waterproof performance* is covered for 5 years from the installation delivery date.

* Waterproof performance is “Ability to prevent water leakage to outside the bathroom, from walls, floor, etc.”

To the customer,

The Warranty Certificate is not issued again, so carefully store it so that it is not lost.

Individual customer information entered in the warranty certificate is used for free repair service during the warranty period, and safety inspection activity after the warranty period.

Free Repair Provisions (Warranty Provisions)

1. Breakdowns during the warranty period are repaired for free, if used and maintained normally in accordance with written cautions in the “User’s Manual”, “Caution labels”, etc.
2. When receiving free repair, request at the shop entered in this document that handled or sold the product, and present this document.
3. If you cannot request repair at the shop entered in this document that handled or sold the product, please consult with the Customer Consultation Center noted in this User’s Manual, or with a nearby INAX branch or sales office.
4. This document is only valid in Japan.
 - * This warranty certificate promises to provide free service according to the period and conditions noted in this document. Moreover, this document does not limit the customer’s legal rights.
 - * For repairs after the warranty period is over, or if there are any unclear points, please consult with the shop entered in this document that handled or sold the product, or with the Customer Consultation Center noted in this document, or with a nearby INAX branch or sales office.

{Exempted Items}

Repairs for the following items shall be on a chargeable basis, even during the warranty period.

1. Trouble such as breakdown or damage when the product was not used according to its purpose (vehicle, ship, extremely frequent business use, etc.).
2. Trouble resulting from installation or construction not done by an authorized installer, not according to the installation instructions, etc.
3. Breakdown and trouble resulting from a customer neglecting to use or maintain appropriately.
4. Trouble resulting from a person other than a professional installer moving, repairing, disassembling or otherwise handling the product.
5. Product trouble resulting from a problem which was not the fault of the product, such as building structure deformity (insufficient strength, warping).
6. Troubles from changes due to aging and use, such as appearance (fading, rust stains, etc.), wear of disposable parts accompanying product use, etc.
7. Troubles caused by a polluted environment (smoke, salt damage, sand, dust, various metallic particles, various gases including hydrogen sulfide gas), or by a corrosive air environment near the coast, hot spring area, etc.
8. Trouble caused by damage from actions of small animals (dogs, cats, mice, insects, or other animals), or by plants (vines, roots, etc.).
9. Breakdown and damage from trouble caused by disasters (accidents such as fire or explosion, lightning, earthquake, volcanic eruption, wind or water disaster, tidal wave, landslide, freezing, snow damage, etc.).
10. Damage and trouble caused by illegal acts, or by destructive acts such as war or riot.
11. Phenomena such as condensation, water soaking through, or rust caused by natural phenomena or the living environment.
12. Breakdown and damage due to disposable parts (seals), clogs from foreign matter in pipes, etc.
13. Breakdown and damage trouble caused by supplying water such as hot spring water or well water, which does not comply with drinking water quality standards stipulated in tap water related laws and regulations.
14. Trouble caused by the use of cleansers or chemicals which have a detrimental influence on plastics and metals.
15. Breakdown and damage due to freezing of parts in the case that the parts were not cold area specification parts.
16. Trouble caused by water scum adherence, or by the inflow of rust, sand, dirt, or other foreign matter from cold or hot water pipes.
17. Trouble from breakdown or damage caused by an environment other than specified for the supply of gas, electricity, water, etc. (unusual gas pressure, unusual electrical source or voltage or frequency, unusual magnetic waves, unusual water pressure or quality, sounds, vibrations, etc.).
18. Trouble caused by use of gas, electricity, fuel, etc. which was of other than the specified rating.
19. Adjustments, etc. accompanying temperature changes.
20. If the warranty certificate expires or is not presented.
21. If the installment date, customer name, or name of the shop that handled the product are not entered in this document, or if the information has been rewritten.
22. Inadequate management, etc. during the period from completion of construction until moving into the home.

株式会社 INAX

Inquiries concerning product use, cleaning methods, etc. and about products

INAX Corporation Customer Consultation Center

TEL ☎ 0120-1794-00

Hours Weekdays 9:00 to 19:00
Saturdays, Sundays, Holidays 10:00 to 18:00
(Excluding summer vacation and the year end/new year vacation)

FAX ☎ 0120-1794-30

To request repairs (Please read the section in this manual "After-sales Service.")

Contact the shop where you purchased your product or

Contact INAX Maintenance Co., Ltd.

TEL ☎ 0120-1794-11

Hours 9:00 to 22:00

Requests for repair
accepted 365 days a year

FAX ☎ 0120-1794-56

Home Page Address: <http://www.i-mate.co.jp>

INAX Home Page Address:

<http://www.inax.co.jp/>

Dealer

