Thank you very much for purchasing our product.

Please read this “Instruction Manual” carefully for proper use. After reading, keep this manual in a handy place for future reference.
Real product may differ from the illustration.

The indication of color symbol identifying product is omitted in the instruction manual and the product body. The symbol in ( ) of model number indicated on the package is the color symbol.
Safety Precautions

Observe these precautions without fail as they are intended to ensure the safe use of the unit and prevent you and other people from hazards, loss and damage to property. The displays and meanings of each category of precautions are as shown below.

- Possible consequences due to inobservance of these precautionary displays or inappropriate operation of the unit are classified into the 2 categories as follows.

**WARNING**: This warns of actions that could possibly cause death or serious injury to the user.

**CAUTION**: This warns of actions that are likely to cause injury to the user or loss of or damage to property.

- The symbols appearing in the text mean the following.

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>✢</td>
<td>This symbol denotes a prohibited action that must not be performed.</td>
</tr>
<tr>
<td>🚫</td>
<td>General prohibition Use in wet places prohibited Contact with water prohibited Touching with wet hands prohibited Disassembly prohibited</td>
</tr>
<tr>
<td>⚠️</td>
<td>This symbol denotes a compulsory action that must be performed without fail.</td>
</tr>
<tr>
<td>⚠️</td>
<td>You must do this Hold the power plug to disconnect Grounding</td>
</tr>
</tbody>
</table>

**WARNING**

Do not install the unit in wet places such as bathrooms, shower rooms, etc.

- Use in wet places prohibited

Otherwise, fire or electric shock may occur.

Watch out for cold burns.

- Even at comparatively low temperature, you may get cold burns if your skin is in contact for a long time with the same spot.

You must do this

- The following persons must use caution!
  - Children, seniors, sick persons or persons who cannot adjust the seat temperature properly.
  - Persons of low skin sensibility.
  - Persons who have taken sleep-inducing drugs (sleeping pills, cold medicine, etc.).
  - Persons who are drunk or tired.

* If you get cold burns, immediately see a specialist doctor.

Do not continue use if unit malfunctions

- Unplug the power plug and close the water shutoff valve in the following cases:
  - Malfunctioning means that:
    - Water leaks from the water pipes or the main unit.
    - Product emits abnormal noises or odors.
    - Product becomes abnormally hot.
    - Product is cracked or broken.
    - Product is smoking.

- Continued use of a malfunctioning product may result in fire, electric shock or flooding in your bathroom.

Do not splash water or contaminated water over the toilet seat main unit or the power plug.

- Otherwise, fire or electric shock may occur.

Contact with water prohibited
<table>
<thead>
<tr>
<th>WARNING</th>
</tr>
</thead>
</table>
| **Do not handle the power plug with wet hands.**  
Touching with wet hands prohibited  
Otherwise, electric shock or burns may occur. |
| **Do not use the power cord if damaged.**  
General prohibition  
Otherwise, electric shock, short-circuit/fire may occur. |
| **Keep the power plug clean.**  
You must do this  
 Completely wipe off dust accumulated on the power plug and plug blades.  
Negligence of this may result in fire. |
| **Use a 220V AC outlet for the power supply.**  
You must do this  
220V AC, more than 4 A |
| **Do not remodel the product.**  
Disassembly prohibited  
Do not remodel the product.  
The product should not be disassembled or repaired by other than authorized repair technicians.  
Otherwise, fire, electric shock or injury may occur. Consult with your dealer for repairs. |
| **Insert the power plug completely into the outlet.**  
You must do this  
Incomplete insertion may cause electric shock, short-circuit, smoking or fire. |
| **Do not connect the unit to intermediate water supplies or industrial water supplies.**  
General prohibition  
Otherwise, bladder inflammation of or skin irritation may occur. |
| **Ground the unit without fail.**  
Grounding  
Check whether or not the unit is grounded.  
Ungrounded unit may cause electric shock when the unit is in trouble or in case of electric leakage. Be sure to ask for an electric workshop for grounding work. |
<table>
<thead>
<tr>
<th><strong>CAUTION</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Do not wipe or spray the unit with chemicals.</strong></td>
</tr>
<tr>
<td><img src="image1" alt="General prohibition" /></td>
</tr>
<tr>
<td>Do not wipe the unit with thinner, benzene, detergent (for toilets and bathrooms), cleaning tissues for toilets or chemicals. Do not spray insecticides, aromatics or deodorants over the unit.</td>
</tr>
<tr>
<td>Otherwise, the toilet seat may crack and cause injury. These chemicals may cause skin irritation.</td>
</tr>
<tr>
<td><strong>General prohibition</strong></td>
</tr>
<tr>
<td><strong>Do not apply force to pipes.</strong></td>
</tr>
<tr>
<td><img src="image2" alt="General prohibition" /></td>
</tr>
<tr>
<td>Otherwise, water may leak.</td>
</tr>
<tr>
<td><strong>General prohibition</strong></td>
</tr>
<tr>
<td><strong>Unplug the power cord in the following case.</strong></td>
</tr>
<tr>
<td><img src="image3" alt="Unplug" /></td>
</tr>
<tr>
<td>Unplug the power cord from the outlet when the product is left unused for a long time or for care and cleaning. Otherwise, electric shock or trouble may occur.</td>
</tr>
<tr>
<td><strong>You must do this</strong></td>
</tr>
<tr>
<td><strong>Take preventive measures against breakage due to freezing.</strong></td>
</tr>
<tr>
<td><img src="image4" alt="You must do this" /></td>
</tr>
<tr>
<td>- When water inside the unit freezes, the water supply pipe and the main unit inside may break and cause water leaks.</td>
</tr>
<tr>
<td>- Warm up the toilet room by heating, etc.</td>
</tr>
<tr>
<td>Prevention of breakage due to freezing.</td>
</tr>
<tr>
<td><strong>You must do this</strong></td>
</tr>
<tr>
<td><strong>Do not stand on the main unit. Do not subject the main unit to strong impacts.</strong></td>
</tr>
<tr>
<td><img src="image5" alt="General prohibition" /></td>
</tr>
<tr>
<td>Do not lean on the toilet lid. Otherwise, the toilet lid may break and cause injury.</td>
</tr>
<tr>
<td><img src="image6" alt="General prohibition" /></td>
</tr>
<tr>
<td><strong>When the product is left unused for a long period of time, drain the water from inside of the main unit.</strong></td>
</tr>
<tr>
<td><img src="image7" alt="You must do this" /></td>
</tr>
<tr>
<td>Otherwise, water may putrefy.</td>
</tr>
<tr>
<td><strong>You must do this</strong></td>
</tr>
<tr>
<td><strong>If any abnormal symptoms such as rashes, itching, etc. occur with skin during the course of using this product, immediately stop using the product and consult a doctor.</strong></td>
</tr>
<tr>
<td><img src="image8" alt="You must do this" /></td>
</tr>
<tr>
<td><strong>How to drain water.</strong></td>
</tr>
<tr>
<td><strong>18, 19</strong></td>
</tr>
</tbody>
</table>
How to Mount

1. About the toilet bowl on which the product is mounted
   - Check the dimensions of the toilet bowl on which the product will be mounted.

   Check to see if A, B, C, D, E, and F meet the required dimensions. If any of them does not meet the required dimension, the main unit cannot be mounted.

2. About the water supply
   - Be sure to use tap water for the water supply.

   Usable tap water pressure is within the range of 0.069 ~ 0.735MPa (0.7 ~ 7.5kgf/cm²). If the water pressure is lower than 0.069MPa (0.7kgf/cm²), the SHOWER pressure control range may narrow or it may not be possible to use the product.

Accessories and tools to be prepared.

Accessories

- Mounting bolt x 2
- Semi-round packing x 2
- Spring washer x 2
- Nut x 2
- Branch joint x 1
- Nozzle tips For SPRAY x 1
- For BIDET x 1
- Deodorant cassette x 1
- Lock plate x 1
- Flexible hose (40cm) x 1
- Connection hose (100cm) x 1
- Adjusting sheet x 2

Tools to be prepared

- Monkey wrench
- Flathead screwdriver

Apply these sheets to the rubber cushions when the clearance between the rubber cushions of the toilet seat and the toilet bowl is wide (more than 3mm).
1 **Dismount the toilet seat currently in use**

1. Close the water shutoff valve.
2. Using the tools such as a monkey wrenchspanner, etc., remove the nuts that attach the toilet seat.
3. Dismount the toilet seat.

   * If the metal nuts are rusted and hard to loosen, use a commercially available rust removal spray.

2 **Mounting the lock plate**

   **CAUTION**

   Do not insert the power plug into the outlet until the installation work is completed. Otherwise, trouble may occur.

1. Press the lock lever and remove the lock plate from the bottom of the main unit.
2. Insert the mounting bolts into the holes of the lock plate and the toilet bowl.
3. Put the semi-round packings and spring washers onto the mounting bolts and tighten them temporarily with the nuts.

   * Fully tighten them after the main unit is mounted.

3 **Mounting the main unit**

1. Position the main unit and the lock plate, then slide the main unit up to the end of the lock plate. Pull the main unit toward you to make sure that the main unit is locked securely.
2. Adjust the position of the toilet bowl and the main unit as shown in the right figure and fully tighten the nuts.

   * It is enough to fully tighten the nuts by hand.
3. After mounting, sit on the toilet seat to make sure that the main unit does not move.

   **Tip**

   The mounting bolts may loosen over time. In such a case, retighten the bolts.

---

**Mounting procedure (Installation work)**

---

**CAUTION**

Do not insert the power plug into the outlet until the installation work is completed. Otherwise, trouble may occur.

---

**Mounting procedure (Installation work)**

---

**CAUTION**

Do not insert the power plug into the outlet until the installation work is completed. Otherwise, trouble may occur.
4 Connecting the branch joint

**Minus groove, handle type inner threaded water shutoff valve**

1. Close the water shutoff valve.
   - Drain out water in the water tank and make sure that no water is supplied to the water tank.
2. Loosen nuts A and B and disconnect the water supply pipe.
   - When disconnecting the water supply pipe, firmly hold the base of the ball tap body so that the threaded connecting portion of the ball tap does not turn.
   - When the nut is loosened, water remaining in the water supply pipe comes out. Catch it in a bucket, etc.
3. Connect the branch joint to the water shutoff valve.
4. Connect the water supply pipe.

**When using the existing water supply pipe**

1. Connect the water supply pipe to the branch joint and cut the pipe to the a length appropriate for the water supply port. (Allow 10 ~ 15mm margin for insertion of the water supply pipe.)
2. Connect the water supply pipe to the water tank.
   - Standard nut tightening torque: 7.4N-m

**When using the flexible hose (accessory)**

1. Connect the flexible hose to the branch joint.
2. Connect the flexible hose to the water tank.
   - Standard nut tightening torque: 7.4N-m

**Flexible hose is connected from below the water tank.**

1. Close the water shutoff valve.
   - Drain out water in the water tank and make sure that no water is supplied to the water tank.
2. Disconnect the flexible hose from the water shutoff valve.
3. Connect the branch joint.
   - Standard nut tightening torque: 7.4N-m
4. Connect the flexible hose.

**Special tools are needed.** Be sure to ask the water supply work shop.

- Water supply pipe for use in cold regions (without water shutoff valve)
- Flush valve type
5 Connecting the connection hose and mounting the deodorant cassette

1. Connect the connection hose to the branch joint.
   - If the connection hose is too long, adjust the connection hose to a length that the main unit can be mounted/dismounted and moved, and untwist it before anchoring.
   * Standard nut tightening torque: 7.4N-m

2. Insert the deodorant cassette into the holder provided at on the right side of the main unit.
   * The deodorant cassette lasts about 7 years.
Checks before Use

1  **Checking for water leaks**
   ① Check the piping connections again for any looseness before supplying water.
   ② Open the water shutoff valve and check the piping connections for any water leaks.
   ③ Drain water from inside of the water tank and check if water is assuredly supplied.
   ④ Check the connections of the main unit water supply part and the water drain plug for any water leaks.
      * If a water leak is found, reinstall parts to stop the water leak.

2  **Checking the power supply**
   ① Insert the power plug into the outlet.
      * Make sure that the power lamp on the control panel lights up.
      Since the micro computer initializes the settings for about 10 sec. immediately after the power plug has been inserted in the outlet, switches are not responsive to touch. Carry out a trial run after initialization complete.

3  **Trial run**
   Before stating the trial run, place a vinyl bag in-between the toilet bowl and the heated toilet seat to make it possible to check shower water spurting from the nozzle.
   ① Water supply to the tank
      • Press the SPRAY switch.
         The “peep-peep” buzzer sounds during water supply anda single “peep” sounds when the water supply ends.
         * The shower water will not spurt unless the warm water tank is filled with water.
   ② Checking the shower
      • Touch the seal of the seat sensor of the heated toilet seat by hand. (The seat sensor activates.) When the seat sensor detects someone sitting on the seat, the three SHOWER pressure lamps on the control panel light up.
      • Press the SPRAY or the BIDET switch to make sure that the shower water spurts out.
      • When the STOP switch is pressed, the shower stops.
      • Check to see if various functions are activated properly.
         (See Pages 13, 14.)
      * Water may drip for about 1~2 min. from the nozzle while the SPRAY stops.
         This is due to water expansion when water in the warm water tank is heated or water remaining in the nozzle. There is nothing wrong with the product.

4  **About anti-freeze measures**
   If a freeze is suspected after the trial run, press the WATER TEMP switch to set the water temperature to “Medium” or “High” and do not turn off the power. If there is a freeze is suspected from when installation is complete and the start of use, drain out water as explained in “About freeze prevention”. (See Pages 18, 19.)

5  **About toilet seat covers**
   • If the heated toilet seat is used with a toilet seat cover, the seat sensor may remain activated or may not activate resulting in malfunction. Therefore, do not use toilet seat covers.
Features

1 Equipped with power saving mode

Combined use of the OFF-timer function (5-10 hours) and the power saving function saves electricity when the unit is not used.

2 Washing with warm water shower

Clean and Comfortable

The shower water pressure can be adjusted to 5 levels. Moreover, when used in combination with the massage switch, you can wash with a strong/weak rhythmical shower.

3 Easy care and cleaning

Toilet lid detachable from the main unit

The toilet seat can be detached easily from the main unit for cleaning.

4 Catalytic deodorizing

The unit employs a catalytic deodorizing system that powerfully decomposes odors.

5 Self-cleaning function

The nozzle is cleaned automatically before using SPRAY and BIDET washing.
Names and Functions of Parts

Toilet lid
- Comes out only in use.

Warning indication label
- (Indicating the rating and model No.)

Flexible hose

Branch joint

Water shutoff valve

Connection hose

Waste plug
- Drains out water inside the unit.

Water supply adaptor

Water drain plug
- Drains out water in pipes.

Control panel

Power plug

Power cord

Seat sensor (Built-in)

Heated toilet seat

BIDET nozzle
- Comes out only in use.

SPRAY nozzle
- Comes out only in use.

Lock lever
- Used for dismounting the main unit.

Deodorant cassette
- Decomposes odors.

Figures in indicate the page on which a description is given.
Control panel

- **SPRAY switch**: Washes one’s rear.
- **SHOWER switch**: Adjusts the water pressure.
- **MASSAGE switch**: Changes water pressure in washing between a strong/weak rhythm.
- **WATER TEMP switch**: Sets the warm water (shower) temperature.
- **SEAT TEMP switch**: Sets the heated toilet seat temperature.
- **POWER SAVING switch**: Indicates that the power saving/OFF-timer is set.
- **BIDET switch**: Washing for women only.
- **Water pressure indication lamp**: Indicates the shower intensity.
- **Water temperature indication lamp**: Indicates the warm water (shower) temperature.
- **Toilet seat temperature indication lamp**: Indicates the heated toilet seat temperature.
- **Power saving mode indication lamp**: Indicates that the power saving/OFF-timer is set.

- **Power lamp**
Before Use

Check the following points.

Power plug

“Power lamp” lights up when this plug is inserted in the outlet.

Water shutoff valve

Check the Water Shutoff Valve

Was the water shutoff valve opened after installation?
Open it if closed.

Branch joint

Water shutoff valve

Setting the Deodorant Cassette

Take out the deodorant cassette from the vinyl bag and set it in place.
The deodorant cassette lasts about 7 years.

Deodorant cassette

Insert here.

Setting the Deodorant Cassette

Deodorant
cassette

OPEN
Setting the warm water (shower) temperature
The water temperature is set to “OFF” after installation. Set the temperature as desired.

Press the to set the water temperature.

<table>
<thead>
<tr>
<th>Temperature</th>
<th>OFF</th>
<th>About 35°C</th>
<th>About 38°C</th>
<th>About 40°C</th>
</tr>
</thead>
</table>

- The temperature reaches the set temperature in about 5 min. (It depends on the room temperature and water temperature.)

Setting the toilet seat temperature
The toilet seat temperature is set to “OFF” after installation. Set the temperature as desired.

Press the to set the toilet seat temperature.

<table>
<thead>
<tr>
<th>Temperature</th>
<th>OFF</th>
<th>About 35°C</th>
<th>About 38°C</th>
<th>About 41°C</th>
</tr>
</thead>
</table>

- The temperature reaches the set temperature in about 5 min. (It depends on the room temperature.)

If this is the case....
- What comes next if a power failure occurs during use?
  If a power failure continues for longer than 1 sec. or the power plug is disconnected from the outlet, the warm water temperature and toilet seat temperature are reset to “OFF”. Therefore, set the temperature again.
SPRAY and BIDET washing

1 Sit on the seat.
   - Sit on the center of the heated toilet seat.
   - When you sit on the seat, the three water pressure indication lamps “Weak ~ Medium” light up. If they do not light up, sit down again on the center of the heated toilet seat.
   - Deodorizing operation starts.

2 Washing
   - Spray washing
     "Medium" water pressure indication lamp lights up.
   - BIDET washing
     "Medium" water pressure indication lamp lights up.

   For SPRAY washing/BIDET washing

   Adjust water pressure.
   - To adjust the pressure to strong ..... Press the .
   - To adjust the pressure to weak ..... Press the .

   Since the water pressure is not memorized, the water pressure must be set again when you use the unit again.

   Massaging
   - Washing starts with a strong/weak rhythmical shower. When this switch is pressed again, washing is performed without a massaging rhythm.

3 Stopping
   Press the .

Water may drip from the nozzle after washing is stopped. This is due to water expansion caused when water in the warm water tank is heated or due to water remaining in the nozzle. There is nothing wrong with the product.

Tip
Deodorizing operation continues for about 1 min. after the user stands up from the heated toilet seat and stops automatically.
Seat sensor (built-in)

- This product is equipped with seat sensor (built-in).
  When you sit on the seat, the three water pressure indication lamps light up. Washing is not performed unless you sit on the heated toilet seat.
- If you stand or rise up while using the heated toilet seat, the seat sensor is turned “OFF” and washing stops.
  * If you use the heated toilet seat with a cover, the seat sensor may not activate. Do not use it with covers.
  * When you clean the main unit or nozzle, the seat sensor may activate because of detection. Be sure to disconnect the power plug from the outlet before cleaning.

Auto OFF-timer

- If you forget to or do not press the “STOP” switch, the washing operation stops automatically in about 2 min.

Shower water temperature

- Depending on the season and the shower water pressure, the shower water temperature lowers in about 50 sec., if you continue washing.

Deodorizing function

- The deodorizing operation starts when you sit on the toilet seat. (An operating sound is heard.)
  The deodorizing operation stops in about 1 min. after you stand up from the toilet seat. If you continue to sit on the toilet seat, the deodorizing operation stops in about 30 min.

Sound that is heard during use

- A hissing sound may be heard during use. This is the sound of boiling water in the warm water tank of the main unit and not due to any trouble.

Initial settings of the microcomputer

- When the power comes back on after a power failure or immediately after the power plug is inserted into an outlet, the settings are initialized for about 10 sec. and switches are not responsive to touch.

When the water temperature is low in winter

- Warm water temperature may lower during washing. In this case, stop washing for about 5 min. and use the unit when the water temperature rises.

When the tap water pressure is low

- If the tap water pressure is lower than 0.069MPa (0.7kgf/cm²), sufficient water pressure cannot be obtained even when the water pressure is set to “Strong”.
  * Even when there is sufficient water pressure for normal use, water supply to the toilet may lower if the use of other faucets causes tap water pressure to drop below 0.069MPa (0.7kgf/cm²).

Prevention of cold burns

- If you continue to sit on the toilet seat for a long time, you may get cold burns.
  The seat heater is turned off automatically in 1 hour after you sit on the toilet seat. (The three water pressure lamps light up.)
  It is turned on again automatically when you stand up.
Using the power saving timer

- When the power saving timer is set, the temperature of the heated toilet seat is lowered to 35°C.
  - Warm water temperature remains as was set.
    - In the power saving mode, the toilet seat temperature remains as was set as long as the user sits on the toilet seat.
- When the OFF-timer is set (to 5 or 10 hours), the power supply for the warm water and heated toilet seat stops for the preset time.
  Both the warm water temperature indication lamp and the seat temperature indication lamp remain lit.
  Use this timer when going out or on holidays when you do not plan to use the unit for an extended period of time.

**Press the  **

<table>
<thead>
<tr>
<th>The mode changes each time this switch is pressed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Lamp goes out.)</td>
</tr>
<tr>
<td>Seat temperature</td>
</tr>
<tr>
<td>Power ON</td>
</tr>
<tr>
<td>Temp. of heated toilet seat is lowered to 35°C.</td>
</tr>
<tr>
<td>Power supply stops for 5 hrs.</td>
</tr>
<tr>
<td>Power supply stops for 10 hrs.</td>
</tr>
</tbody>
</table>

**Power saving**

- The toilet seat temperature is 35°C ("Low" temperature setting) as long as the power saving indication lamp is lit.
  When the user sits on the toilet seat, the temperature returns to the set temperature and, when the user stands up, the temperature returns to 35°C again.

**OFF-timer (5 or 10 hours)**

- The OFF-timer indication lamp lights up at the time you want to stop the power supply for the warm water and the heated toilet seat.
  When the preset time ends, the OFF-timer indication lamp goes out and the power supply for the warm water and the heated toilet seat starts.

The OFF-timer (5•10 hours) lamp indicates the remaining time that the power supply will be OFF.
For example...

- • 5
- • 10

When the OFF-time is set to 10 hours,

[Diagram showing lamp changes and remaining time]
When you want to cancel the timer

Press the to light up the indication lamp.

Economical power saving

Close the toilet lid.
Close the toilet lid when you do not use the unit. Wasteful heat release is prevented.

Set the temperature lower in summer.
Set the temperature of warm water and toilet seat lower in summer.

Use the power saving mode.
The temperature of the heated toilet seat is lowered when the power saving mode is set, while the power supply is stopped when the OFF-timer is set. Therefore, utilize this mode for economical power saving.

If this is the case....

- What comes next when you sit on the heated toilet seat with the power saving • OFF-timer being set?
  Even with the power saving • OFF-timer being set, power is supplied automatically when you sit on the heated toilet seat.
  (When you stand up, the waiting temperature of the heated toilet seat is lowered again as long as the timer is set. The power supply for the warm water and the heated toilet seat is stopped as long as the OFF-timer is set.)

- What comes next if a power failure occurs during use?
  If a power failure continues for longer than 1 sec. or the power plug is disconnected from the outlet, the power saving timer is cancelled. Therefore, set it again.
### When freezing is likely to occur

- Heat the toilet room with another heater.
- Use the heater according to its described cautions for use.
- If the heat source is set close to the main unit, the main unit may deform. Use care in this regard.
- Wrap the pipe with a commercially available tape heater for freeze prevention.
- If it is impossible to heat the toilet room, drain water as shown below.

### How to drain water

- In cold regions, when the temperature of the toilet room will likely lower below 0°C or when the unit will be left unused for a long period of time, disconnect the power plug from the outlet for safety’s sake and drain out water in the main unit.

1. **Disconnect the power plug.**

2. **Close the water shutoff valve.**
   - Turn the valve clockwise by means of a flat-blade screwdriver.

3. **Manipulate the lever.**
   - Discharge water in the water tank and make sure that no water is supplied.

4. **Drain out water inside the main unit (warm water tank) through the waste plug.**
   - Remove the waste plug by turning counterclockwise.
   - After water has drained out, attach the waste plug by turning clockwise.

5. **Drain out water in pipes through the water drain plug.**
   - Remove the water drain plug by turning counterclockwise.
   - After water has drained out, attach waste drain plug by turning clockwise.

---

### About freeze prevention

- If the room temperature drops below 0°C, freezing is highly probable.
- In order to prevent the equipment from breaking, take the anti-freeze measures in the manner as shown below.

---

### How to Use

- If there is no space to place a bucket, etc., dismount the main unit (See Page 17), slide it to secure enough space and drain water.
- If it is hard to turn the water drain plug, turn it by means of a flat-blade screwdriver.
In case of freezing

Use the unit after waiting for the main unit and pipes to thaw naturally.

How to supply water after water draining

1 **Open the water shutoff valve.**
   
   Turn it counterclockwise by means of a flat-blade screwdriver. Check the water drain plug and the waste plug for any water leaks.

2 **Insert the power plug into the outlet.**
   
   Make sure that the power lamp on the control panel lights up. Set the temperature of warm water and toilet seat. (Immediately after inserting the power plug into an output, the settings are initialized for about 10 sec. [See Page 15.])

3 **Press the [Spray].**
   
   Water is supplied automatically. (A “peep, peep, peep...” buzzer is heard during water supply.)
CAUTION

Be sure to disconnect the power plug from the outlet before cleaning.

WARNING

When cleaning is over, insert the power plug completely into the outlet.

- Wipe off dirt with a soft cloth or cloth soaked in diluted neutral kitchen detergent and wrung. After using detergent, wipe off detergent with a cloth impregnated with water.
- Do not use cresol, scrubber, scouring powder, etc. Otherwise, the unit may be discolored, deformed or damaged.

CAUTION

Do not wipe the unit with thinner, benzene, detergent (for toilet or bath), toilet cleaning tissues, chemicals and do not spray insecticides, air fresheners or deodorants over the unit. When cleaning the toilet bowl, never these liquids on the main unit.

CAUTION

When cleaning the toilet bowl inside with detergent...

- When using detergent for toilets or disinfectants for cleaning the toilet bowl on the inside, wash detergents off quickly (within 3 min.) with water and thereafter leave the toilet seat and the toilet lid open. Completely wipe off detergent sticking to the toilet bowl. (Gas evaporated from the toilet bowl detergent can infiltrate the main unit and cause corrosion and trouble.)

Toilet lid

The toilet lid can be detached for cleaning.

1. **Detach the toilet lid.**
   
   ① While holding up the toilet lid, pull it off the left shaft.
   
   ② Disengage the right shaft.
   
   - Pay attention not to jam your fingers.

2. **Clean the toilet lid.**

3. **Attach the toilet lid.**

   ① Engage the right shaft first at the same angle as when disengaged.
   
   ② Engage the left shaft.
Main unit

Dismount the main unit, and clean the bottom of the unit and top face of the toilet bowl also.

1 Dismount the main unit.
   ① While pressing the lock lever provided at the right lower back of the main unit,
   ② Pull the main unit toward you.

2 Clean the main unit
   • Clean the toilet bowl surface.
   • Pay attention not to apply undue force to the hose in the piping section.

   WARNING
   Do not splash water on the main unit.

3 Mount the main unit
   ① Position the main unit and the lock plate.
   ② Press the main unit completely up to the end of the lock plate.
      (Pull the main unit toward you to make sure that it is locked securely.)
**Strainer**

If the strainer is clogged, the water pressure of warm water shower weakens. Clean it.

1. **Close the water shutoff valve.**
   
   Turn the valve clockwise by means of a flat-blade screwdriver.
   
   * Drain out water in the water tank and make sure that no water is supplied to the water tank.

2. **Clean the strainer.**
   
   (Place a bucket, etc. under the water supply adaptor.)
   
   ① Disconnect the connection hose.
   
   ② Clean the strainer.
      Clean it with use of a toothbrush, etc.
   
   ③ Connect the connection hose.
      *Standard nut tightening torque: 7.4N-m

3. **Open the water shutoff valve.**
   
   Turn the valve counterclockwise by means of a flat-blade screwdriver.
Cleaning

Nozzle (for SPRAY/BIDET)

If the nozzle becomes dirty, shower water splatters or the nozzle does not move smoothly. Be sure to clean it in such case.

1 Pull the nozzle by hand.
   • Wear gloves, apply your fingers to the projection at the lower part of nozzle end and pull the nozzle outward.

2 Remove dirt.
   • Hold the nozzle firmly in the extended position and lightly brush the nozzle body, entire circumference of nozzle end and hole at the nozzle end until removing dirt completely. (The nozzle withdraws automatically when you let it go.)

   **Cleaning the nozzle end**
   ① Pull the nozzle straight out, using care not to twist the nozzle end, and wash the nozzle end with water. (The nozzle withdraws automatically when you let it go.)
   * Pay attention not to let the nozzle end drop in the toilet bowl.
   ② Mount the nozzle end to the nozzle body by inserting it straightly.
   * Do not confuse the nozzle for SPRAY with that for BIDET. Otherwise, normal washing becomes impossible.

3 Check nozzle movement.
   • Move the nozzle in and out a few times by hand to make sure that it moves smoothly. (At the same time, check to see if the nozzle end is mounted securely.)

Deodorant cassette

• Remove dust accumulated on the net of the deodorant cassette by means of a toothbrush, etc. (about once a month).
• Do not wash the net with water.

Draining water from inside of the toilet seat main unit

Drain out water inside the main unit to discharge sediments. Sediments may clog the nozzle hole. (About once for every 3 months)

How to drain water. See Pages 18 • 19.
Check points

Daily checking

In order to use the product for long time without trouble, carry out daily checks.

- Is the power cord hot? Is the power cord damaged or pinched?
- Is the heated toilet seat abnormally hot? Does it not heat up?
- Does the heated toilet seat open and close smoothly? Does it rattle?
- Are there any burning odors? Are there any abnormal noises or odors?
- Does water leak from the pipes or main unit?
- Is the main unit or heated toilet seat cracked? Have the rubber cushions been removed?

Continued use of a malfunctioning product may result in fire, electric shock or flooding in your bathroom. Immediately stop using the product and close the water shutoff valve.

Others
If you suspect trouble, check the following points before asking for repairs.

<table>
<thead>
<tr>
<th>Trouble</th>
<th>What to check</th>
<th>Remedy</th>
<th>Ref. Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power lamp does not light up.</td>
<td>• Is the power plug disconnected from the outlet?</td>
<td>• Is the power plug disconnected from the outlet?</td>
<td>–</td>
</tr>
</tbody>
</table>
| Shower does not come out. | • Has a water failure occurred?  
• Is the water shut off valve closed?  
• Is the toilet seat sensor activated normally?  
• Do you sit on the heated toilet seat properly?  
• Is a toilet seat cover being used? | • Wait for water to flow again.  
• Open the water shutoff valve.  
• Sit on the center of the toilet seat.  
• Sit on the seat as you would use the unit.  
• Use the toilet seat without a cover. | – 12 15 15 |
| Water pressure is weak. | • Is the water pressure lower than normal pressure? [Lower than 0.069MPa (0.7kgf/cm²)]  
• Is the water shutoff valve opened sufficiently?  
• Is the strainer of the water supply adaptor clogged? | • Avoid simultaneously using water from other faucets as much as possible.  
• Open the water shutoff valve sufficiently.  
• Clean the strainer. | 15 12 22 |
| Heated toilet seat is lukewarm or cold. | • Is the toilet seat temperature indication lamp set to “Low” or “OFF”? | • Set it to “High”. | 13 |
| Shower water is lukewarm or cold. | • Is the warm water temperature indication lamp set to “Low” or “OFF”? | • Set it to “High”. | 13 |
| Whole main unit wobbles. | • Are the nuts of the mounting bolts loose?  
• Is the main unit disengaged from the lock plate? | • Tighten the nuts.  
• Press the main unit up to the end of the lock plate. | 5 21 |
| Nozzle does not work well. Nozzle does not withdraw. | • Is the nozzle dirty? | • Clean the nozzle. | 23 |
| Deodorizing effect is not felt. | • Has the deodorant cassette aged?  
• Is the net of the deodorant cassette clogged with dust? | • Replace the deodorant cassette.  
• Remove dust. | 12 23 |
| 3 water pressure lamps flicker. | • Is a toilet seat cover being used?  
• Have you been sitting on the heated toilet seat for a long time? | • Use the toilet seat without a cover.  
• Stand up from the heated toilet seat. | 15 |
| Warm water temperature indication lamp or toilet seat temperature indication lamp flickers. | | • Ask your dealer for repair. | – |

Check the above points and, if there is still trouble even when the remedial measures have been taken, then disconnect the power plug from the outlet and contact your dealer.
Specifications

<table>
<thead>
<tr>
<th>Model No.</th>
<th>PT-M561</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rating</td>
<td></td>
</tr>
<tr>
<td>Power supply</td>
<td>AC220V ~, 50/60Hz</td>
</tr>
<tr>
<td>Power consumption</td>
<td>590W (Main unit: 530W, Toilet seat: 60W)</td>
</tr>
<tr>
<td>Annual power consumption *1</td>
<td>179 (245)kWh/year</td>
</tr>
<tr>
<td>Outside dimensions</td>
<td>Width 470mm x Depth 540mm x Height 170mm</td>
</tr>
<tr>
<td>Water supply system</td>
<td>Tap water direct connection system</td>
</tr>
<tr>
<td>Weight (Main unit only)</td>
<td>About 4.7kg</td>
</tr>
<tr>
<td>Power cord</td>
<td>Length: 1.2m</td>
</tr>
<tr>
<td>Working water pressure range *2</td>
<td>0.069MPa ~ 0.735MPa</td>
</tr>
</tbody>
</table>

| Warm water washing |         |
| Washing nozzle | Self-cleaning type |
| SPRAY washing | 1,200mL/min., shower from one hole |
| BIDET washing | 1,200mL/min., shower from seven holes |
| Water pressure adjustment | 5 stages (Weak ~ Strong) |
| Heat exchange system | Hot water storage system |
| Warm water tank | 1.23L |
| Warm water temperature | OFF • About 35/38/40°C-3 stages |
| Safety devices | Idle operation preventive control (Float type), over-temperature protection device, temperature fuse. |

| Deodorizing device |         |
| Deodorant | Catalytic deodorization |
| Operation control | Automatic control by micro computer (Interlocked with the seat sensor) |

| Heated toilet seat |         |
| Surface temperature | OFF • About 35/38/41°C-3 stages |
| Safety device | Temperature fuse |

| Other safety device | Equipped with ground-fault circuit interrupter and seat sensor |

(Note) This product is designed for home use and can not be used for institutional purposes.

*1: The annual power consumption was calculated according to the size of toilet seat, water heating system, etc. based on the Law concerning the Rational Use of Energy, taking the following family as a standard example. A family of 4 persons (male: 2 and female: 2), SPRAY washing: 4 times a day, BIDET washing: 8 times a day, use for adult urination: 4 times a day. The timer power saving function is figured out by average time of use of timer and usage rate in general home. The figure in ( ) shows the annual power consumption for the case when the timer power saving function is not used.

*2: When the water pressure is beyond this working range, sufficient performance may not be attained.

Parts in which antibacterial resin is used

Heated toilet seat surface/Washing nozzle

Test organization: Japan Spinners Inspecting Foundation
Test method: Film adherence method

* The result satisfies the antibacterial standard specified in JIS Z 2801.

Antibacterial method: Antibacterial agent is kneaded in the resin.
Test result: (After 24 hours) More than 99% of bacteria sticking to the product has been removed.