#### Instruction Manual

## **TOTO**

### **NEOREST 550**

MS980CG



Thank you for your recent purchase of the TOTO NEOREST.
 Please read the enclosed information to ensure the safe use of your product.

#### NEOREST

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# Safety Instructions

Follow these instructions strictly!

Please carefully read the safety instructions to ensure the safe use of the product. Follow the instructions strictly because they concern personal safety.

#### Symbols and Meanings



Improper use or installation /arning of this product may result in death or serious injury.



Improper use or installation aution of this product may result in injury or property damage.

#### Symbols and Meanings



Prohibited.

This symbol is used to indicate no tampering with this product.



Mandatory

This symbol is used to indicate a required step in the use of this product.

#### Warning



Keep dry

Keep the top unit and the power plug away from water

- Fire or electric shock may occur.
- ·Injury or flood may occur if the toilet bowl is broken.



Do not tamper Never tamper, repair or modify the product

• Fire or electric shock may occur.



Keep dry

Do not install the product in a room where the humidity can exceeds 90% RH

• Fire or electric shock may occur.



Keep wet hands away

#### Do not pull out the plug with wet hands

· Fire or electric shock may occur.



#### If trouble occurs, stop using the NEOREST

• In the following cases, pull out power plug and close the water shuttoff valve.

Trouble such as:

- · Pipe or product leakage
- · Crack or breakage
- · Abnormal sound or smell
- · Smoke from the product
- · Abnormal heat
- Clogging
- Continuing to using the product when it is showing signs of trouble may cause fire, electric shock or flood.



Do not!

Be careful not to damage the power/seat cords

Do not pull, twist, bend, harm, modify, heat or place heavy material on the cords.

 Continuing to use the product when it is damaged may cause fire, electric shock or short circuit.



#### Do not use a loose or faulty electrical outlet

· Fire or electric shock may occur.



Do not use water other than tap water, portable water or well water (underground water)

· Skin irritation may result.



Do not!

#### Do not use the outlet beyond its intended capacity.

· If multiple plugs cause the outlet to be used beyond its capacity, overheating can cause fire.



#### Only use specified power supply (AC 120V)

· Fire may occur.



#### Beware of warm scalding



• If you are going to sit on the seat for a long time, set the seat temperature to OFF.

- The seat temperature should be turned to OFF and the dryer temperature should be turned to LOW prior to use by the types of users listed to the right.
- · Children or elderly people who have trouble adjusting the temperature settings
- · Sick or disabled users who do not have freedom of movement
- · Users that have consumed a great deal of alcohol or who are extremely tired and may fall asleep while using the



Mandatory

#### Clean the plug regularly and re-insert it firmly in the outlet

· Fire or electric shock may result. Pull out the plug and use soft dry cloth to clean it.



#### Hold the plug to pull it out of the outlet socket

• If you pull on the wire to get the plug out, it may cause injury, fire or electric shock.



#### Unplug the product before carrying out maintenance

- · Fire or electric shock may result
- Exception: when you use the wand cleaning or rinse cycle features



#### Confirm that the grounding is installed (Type B)

• If trouble such as leakage occurs, electric shock may result. If necessary, get a qualified person to install the grounding.

#### 



Keep fire or flame such as cigarette and cigars away from the product

· Fire may result.

#### Caution



Do not insert a finger into or keep hands near the dryer outlet

Do not cover the dryer outlet with your hand or anything else

Do not!

· Scalding, electric shock or burning may result.



Do not compress the product, do not leave or load heavy material on the seat. lid or toilet bowl.

Do not!

- If a person falls down on the product, they could be injured or the product could be broken.
- If the toilet bowl is broken, a flood may result.



When cleaning plastic parts (such as the top unit), it is recommended to use kitchen detergent (thin and neutral), and to avoid using following materials (Toilet detergent, household detergent, benzene, thinner, cleanser and nylon scrubber)

- Plastic parts may be damaged or broken.
- If the water supply pipe is broken, flood may result.



When the water shutoff valve is opened, don't remove the water supply filter or the drain valve.

· Water may shoot out.

See page 43 for maintaining water filter.



Do not bend or twist the water supply hose

· Water leakage may result.



Do not attempt to flush items other than toilet paper and bodily waste.

Do not!

• If the toilet bowl is blocked, the room will be flooded with dirty water.



If leakage occurs, close the water shutoff valve.



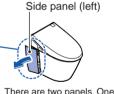
If the product will not be used for a long time, please detach Mandatory the power plug.

- For safety reasons, please pull the plug out.
- When the NEOREST is used again, re-circulate water because stagnant water may cause skin irritation.

See page 48 for water recirculation.







on each side of the NEOREST.



The water supply filter and drain valve should be firmly installed.

Mandatory

· Leakage may result.



#### Preventing freeze damage

- The water supply pipe or top unit may be broken by freezing water, leakage may result.
- Please maintain a temperature above freezing in the room where the product is installed.

Mandatory See page 47 for preventing damage due to freezing



#### If the NEOREST becomes clogged, detach the power plug until it is unclogged.

- If the NEOREST is not unplugged, the auto flush feature may cause the clogged NEOREST bowl to overflow.
- Mandatory Do not attempt to use a plunger on the NEOREST without first unplugging it.



#### To reduce the risk of electrocution:

- Do not use while bathing.
- 2. Do not place or store products where it can fall or be pulled into tub or sink.
- 3. Do not place in or drop into water or other liquid.
- 4. Do not reach for a product that has fallen into water. Unplug immediately.



#### **WARNING**

To reduce the risk of burns, electrocution, fire or injury to persons:

- 1. Close supervision is necessary when this product is used by, on, or near children or invalids.
- 2. Use this product only for its intended use as described in this manual. Do not use attachments not recommended by the manufacturer.
- 3. Never operate this product if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped in water. Return the product to a service center for examination and repair.
- 4. Keep cord away from heated surfaces.
- 5. Never block the air openings of the product or place it on a soft surface, such as a bed or couch, where the air openings may be blocked. Keep the air openings free of lint, hair, and the like.
- 6. Never use while sleepy or drowsy.
- 7. Never drop or insert any object into any opening or hose.
- 8. Do not use outdoors or operate where aerosol (spray) products are being used or where oxygen is being administered.
- 9. Connect this product to a properly grounded outlet only. See Grounding Instructions.
- 10. Reservoir should be filled with water only.

Save these instructions.



# **Grounding Instructions**

This product should be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electrical current. This product is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.



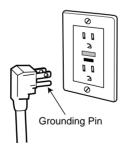
**DANGER** - Improper use of the grounding plug can result in a risk of electric shock.

If repair or replacement of the cord or plug is necessary, do not connect the grounding wire to either flat blade terminal. The wire insulation having an outer surface that is green with or without yellow stripes is the grounding wire.

Check with a qualified electrician or serviceman if the grounding wire instructions are not completely understood, or if in doubt as to whether the product is properly grounded.

This product is factory equipped with a specific electric cord and plug to permit connection to a proper electric circuit. Make sure that the product is connected to an outlet having the same configuration as the plug. No adapter should be used with this product. Do not modify the plug provided - if it will not fit in the outlet, have the proper outlet installed by a qualified electrician. If the product must be reconnected for use on a different type of electric circuit, the reconnection should be made by qualified service personnel.

If it is necessary to use an extension cord, use only a three wire extension cord that has a three blade grounding plug, and a three-slot receptacle that will accept the plug on the product. Replace or repair a damaged cord.



# Operational Instructions

#### Please follow these instructions.

#### Avoid damage to the product

Use soft damp cloth or toilet paper to clean the top unit, seat and lid

Do not lean against the lid



See page 35 for maintenance

#### Avoid damage to the product

Avoid spattering urine on the top unit or on the wand

If there is a thunderstorm, unplug the NEOREST

#### These may reduce performance

Do not cover seat sensor A, seat sensor B, the remote control signal receiver or remote control signal emitter

The NEOREST may not respond appropriately to commands.

Keep radio receivers away from the NEOREST.

You may hear noise from your radio receiver.

#### Donit expose the product directly to sunlight

Color change, irregular temperature, remote control malfunction and sensor malfunction may result.

After using an assisting seat or soft height seat for children, please remove it.

Some functions might not be available.

## Performance Features

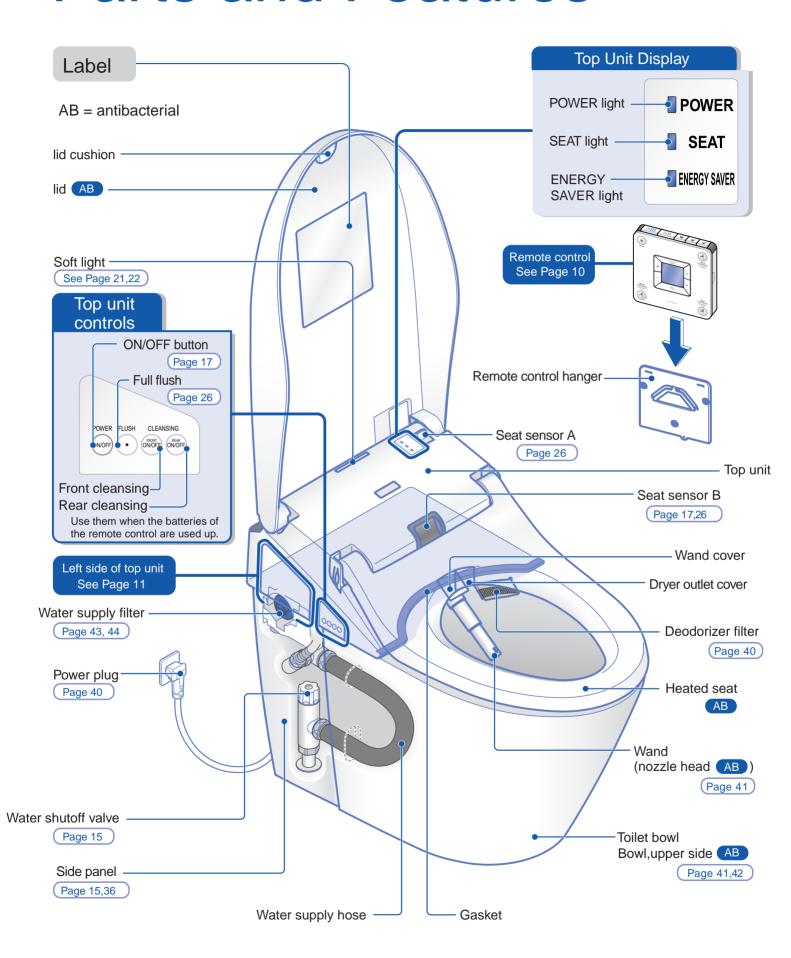
Cleansing		Page
Wonder Wave Rear cleansing	The Wonder wave cycles between strong and soft sprays of water approximately 70 times per	16
Wonder Wave Soft rear cleansing	second for a very thorough rear wash.  The Wonder Wave offers you an unprecedented	16
Wonder Wave Front cleansing	experience. This feature uses a rotating water flow that can clean in a wide range.	16
Position adjustment	Adjusts the wand in backward and forward.	16
Adjusting water pressure	Adjusts the water pressure for the cleansing features.	16
Oscillating cleansing	The nozzle moves back and forth for a wide-ranging and thorough cleansing.	16, 17
Pulsating cleansing	Uses alternating strong/soft water pressure to cleanse.	16, 17

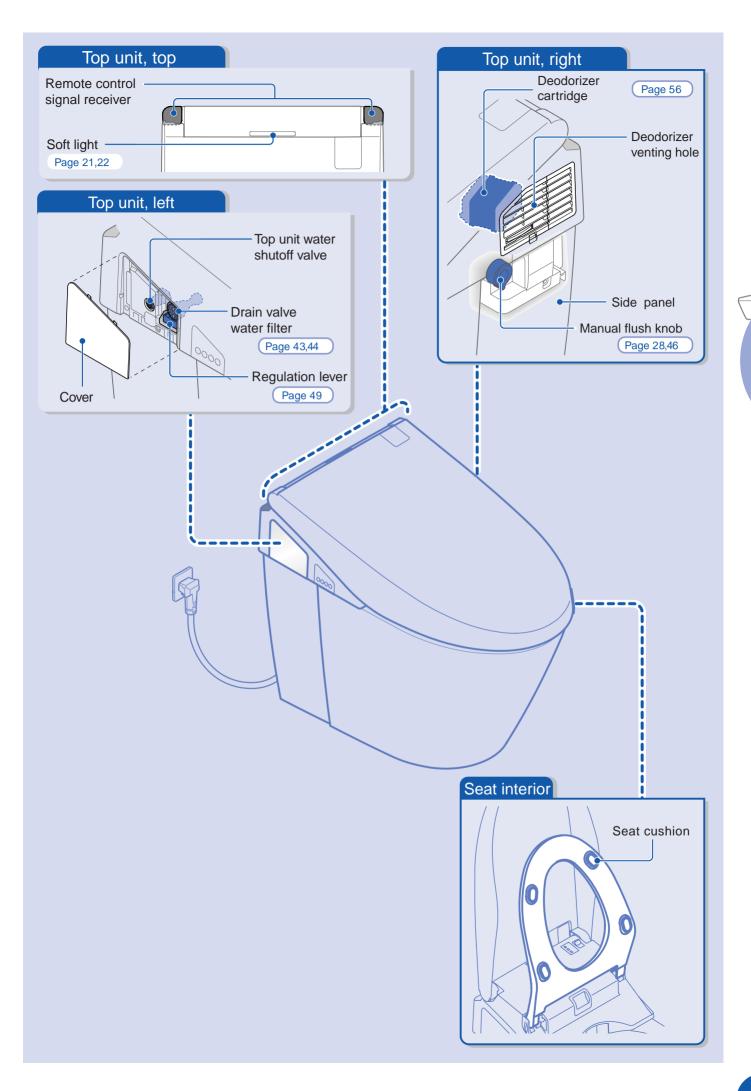
Amenties		Page
Heated toilet seat	Warms the toilet seat.	-
Warm air drying	Dries wet portions with warm air.	16
Temperature adjustment	Adjusts the water, seat and dryer temperatures.	18, 19
Deodorizer	Removes the toilet bowl odors.	20
Remote control	Allows for easy operation when a person is seated on the NEOREST	12
Seat sensor	All functions are available when a person seated on the toilet bowl is detected.	17
Remoted controlled seat and lid	Open or close the seat and lid with the remote control.	23, 24
Auto open/close	Sensor A detects heat and automatically opens/closes the lid when a person approached the NEOREST.	23~26
Remote controlled flush	Flushes the toilet via remote control.	26
Automatic flush	Automatically flushes the NEOREST when a person finishes using it.	27~29
Clock	Displays the time on the remote control	13
Soft light	Turns on when the sensors detects a person near the NEOREST.	21, 22

Energy Saving Fea	atures	Page
Timer ON/OFF	Conserves energy by turning off the seat heater for either 3, 6 or 9 hours at the same time every day. (See page 28)	30 ~ 32
Auto ON/OFF	Records information about when the NEOREST is being used, determines when it is least likely to be used, and reduces the seat temperature to save energy during that time	30, 33, 34
ON /OFF Button	Turns the power to the NEOREST ON or OFF. When the NEOREST is OFF the seat heater is not running. This contributes energy savings.	15

Cleaning function		Page
Removable seat and lid	Seat and the lid can be removed for easy cleaning.	38, 39
Antibacterial	Seat, buttons and other frequently touched parts are treated with an antibacterial coating.	-
Self-cleaning	The wand washes itself before and after each use.	-
Wand cleaning	Wand can clean itself completely when it extends or retracts.	-
Clean-coat wand	The wand is treated with smudge resistant coating.	36
Wand cleaning button	Used to extend the wand for manual cleaning.	41
Rinse Cycle	Runs water through the toilet bowl for longer than a normal flush cycle to help during manual cleaning.	41, 42
Easy-to-clean Toilet bowl	With SanaGloss technology, it is difficult for the dirt to adhere to the toilet bowl making it is easy to clean.	-
Gasket	Prevents liquid and dirt from getting in between the top unit and the toilet bowl.	10
Antibacterial seat	The seat is made from an antibacterial resin, which makes for easy cleaning.	-

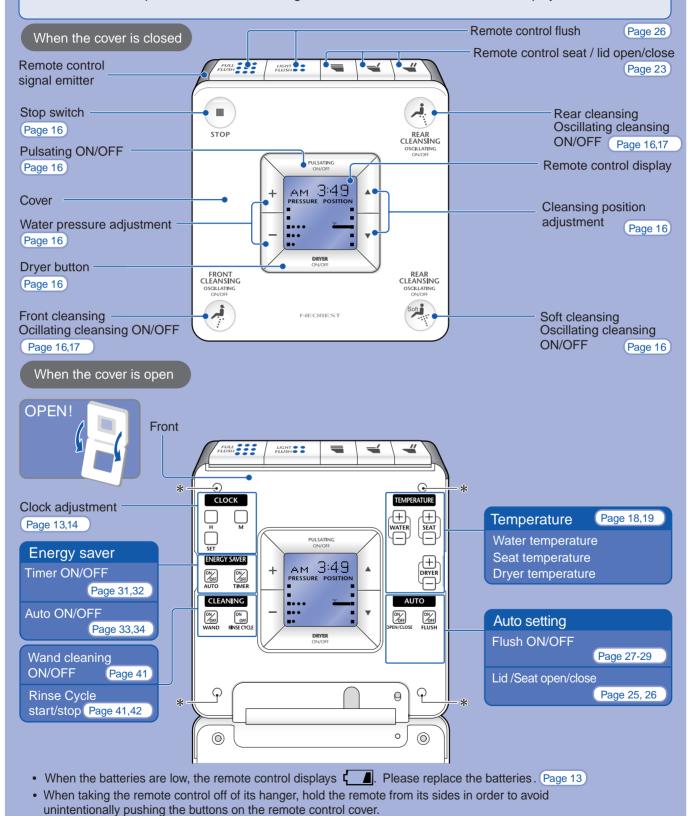
## Parts and Features





#### Remote control buttons have an antibacterial coating.

- For people with poor-sight,  $\bullet$  the symbols on these buttons can help.
- When a button is pushed, the remote control display light will turn on for 10 seconds.
- When a button is pushed, a discription will be shown on the display.
- When the NEOREST receives a signal from the remote control, it will give out a beep. (Page 19)
- · When a button is pushed, the current setting will be shown on the remote control display.



· If a person needs handrail assistance in order to get up off the NEOREST, they should be careful not to

unintentioanally push the buttons on the remote control cover as they get up.

• \*Do not use these 4 buttons.

# Before Using

Before Using

#### 1: Inserting batteries into the remote control

Remove the remote control cover from the hanger

• Grasp the sides of the remote with both hands and lift straight up.

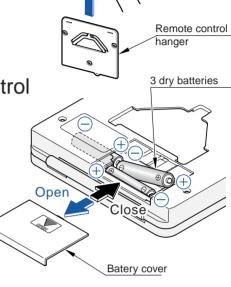
Open the battery cover on the remote control

Insert 3 batteries properly.

•When replacing batteries or performing maintenance, set word to OFF using the button on the top unit.

Improper operation may lead to accidentally starting the rinse cycle or opening/closing the seat / lid.

 When the batteries are replaced, the auto energy saving timer is reset to the default OFF setting. The auto cleansing is reset to the default ON setting.
 If a different setting is perfered, please set it again.



Close the battery cover

Confirm this! Remote control display

When you have properly inserted batteries, the remote control display will look like this.



#### About batteries

Use alkaline batteries.

Follow these instructions to prevent battery breakage or leakage.

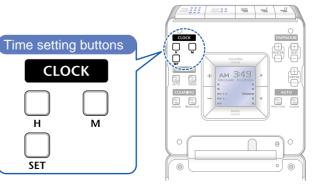
- When relpacing batteries, use new batteries.
- When the remote control is not used for a long period of time, please remove batteries.
- Do not use rechargeable batteries.

Before Using

#### 2: Adjusting time

(In this example, the time is set to 10:15AM)

Open the remote control cover



Open the cover

2

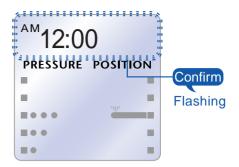
Push on the remote control.

#### The time can now be changed.

The time flashes on the remote control display.

Tip

• If the clock is flashing and none of the buttons on the remote are pushed for more than a minute, the display will return to normal. You can only set time while the display flashes. To get the display flashing again, press the set button again.



While the time is flashing, push on the remote control to change the hour.

• Push up to set to 10 AM



While the time is flashing, push on the remote control to change the minute. 

■

• Push \_ to set to 15



5 Push set

#### The new time is set.

 The new time is shown on the remote control display.

Tip

•When the remote control receives a signal from the top unit, it will give out a beep.

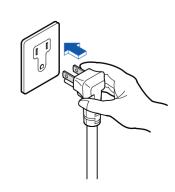


Before Using

#### ${f 3}$ : Insert the power plug into the outlet

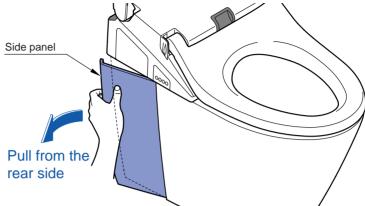
Tip

- If the lid is not either fully up or full down when the NEOREST is plugged in, it will stop at that same inbetween position the next three times it is opened or closed. Please confirm there is nothing holding the lid in an inbetween position before inserting the plug. Then push on the remote control.
- When the plug is inserted, the soft light will flash for somewhere between 10 seconds to a minute. During this period, the seat sensor A is initializing. The auto lid open/close feature will not function until the sensor is done initializing, but the seat and lid can still be operated using the remote control.

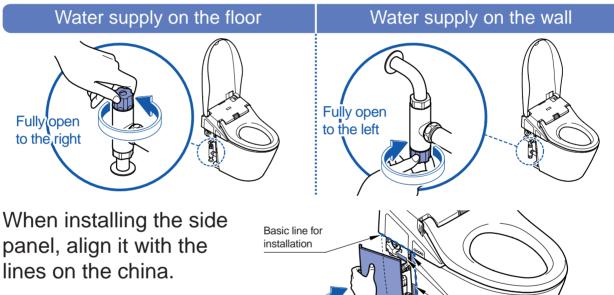


#### 4: Opening the water shutoff valve

Hold the rear part of the side panel and pull in the direction shown below.



Open the water shutoff valve completely in the direction shown below.



Align the panel \$\infty\$ to line on the china

Before Using

#### 5 : Checking the top unit display

Do the POWER light and SEAT light turn on?

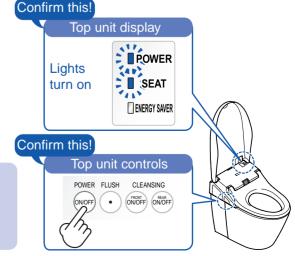
Tip

 Refer to the sections on seat on/off or temperature adjusting.

See page 18, 19 for adjusting temp.

You can not use the NEOREST if POWER light is not turn on. (for energy saving Page 32)

If the POWER light is not on, push (NOFF) to turn in on.



# Standard use



The lid opens

automatically.

See page 23 for seat and lid open/close

• The NEOREST starts deodorizing.



#### Sit on the **NEOREST**

Once the NEOREST seat sensor detects someone sitting on the seat, the cleasing and drying features become available.

• When a person sits down, water will flow out of nozzle for several seconds to clear out any cold water and the dryer outlet cover will open and close making an audible sound.

Use the cleansing and drying features

> Activate the features with the remote control



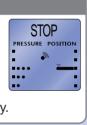
Sit properly on the seat.

If a person is not seated properly while using the cleansing features, water may spatter out of the toilet

#### **Remote Control Operations**

#### Stop button

Used to stop the cleansing or drying features. The text [STOP] will be shown on the remote display.



#### Water pressure

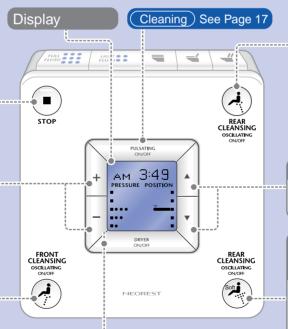
Adjust the pressure to one of the 5 levels

#### Front cleansing

#### Cleansing See Page 17

Activates the front cleansing feature. The text [FRONT] will be shown on the remote display.





DRYER

#### Rear cleansing

#### (Cleaning) See Page 17

Activates the rear cleansing feature. The text [REAR] will be shown on the remote display.



#### Wand position

Adjust the position to one of the 5 levels

#### Soft cleansing

#### Cleaning See Page 17

Activates the rear cleansing feature with soft spray. The text [SOFT] will be shown on the remote display.



#### Drying

Warm air blows out to dry wet areas. Toilet paper can be used for quicker drying. The text [DRYER] will be shown on the remote display.



to start drying.



again to stop.



#### Get up from the seat

 The nozzle dribbles water for about 30 seconds while extended, then it retracts.
 The dryer outlet cover will then open and close.
 The water used for cleansing the nozzle will be drained out.



#### Leave the NEOREST



The lid is closed about 90 seconds after.

See page 23 for seat and lid opening/closing

The toilet bowl is flushed automatically 5 seconds later.

See Page 26, 27 for flush

#### Additional amenities

#### Cleansing 1

Ocilating cleansing The nozzle moves back and forth for wide cleansing range

1 Push



FRONT CLEANSING OSCILLATING ON/OFF

to begin cleansing

2 Push the same button again Oscilating cleansing starts.

3 Push it again

Oscilating cleansing stops.

#### Cleansing 2

Pulsating cleansing Alternates strong/soft water presure for cleansing

1 Push

REAR CLEANSING OSCILLATION OF CLEANSING OSCILLATION OSCILL

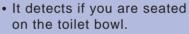
Push PUSATING CNOW

Pulsating cleansing starts

3 Push again
Pulsating cleansing stops

#### About seat sensor B

#### About seat sensor B



• The sensor gives infrared rays as shown in the figure.

 Its performance may degrade depending on how it is used.

Page 50~55



Caution

## When the remote control batteries are dead

Please push of and of on the top unit controls to begin cleansing.





# **Amenities**

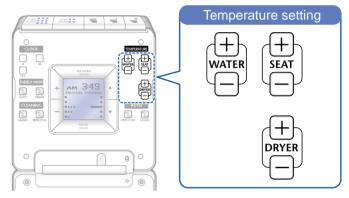


You can adjust the temperature of the water, seat and dryer to your satisfaction with the remote control.

Open the remote control cover

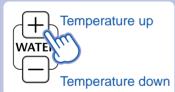


Adjust the temperature



#### Water temperature

Water temperature buttons Temperature ranges from 86°-104°F (30°-40°C).



Remote control display light turns on



AM 10:00

PRESSURE POSITION

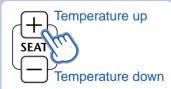
These 5 bars show the water temperature levels.

The clock display will return 5 seconds after a temperature button is pushed.

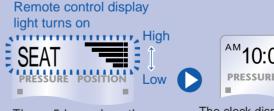
• If you want to disable the water heater, push —until Water OFF is shown on the display.

#### Seat temperature

Seat temperature buttons 5 temperature levels.



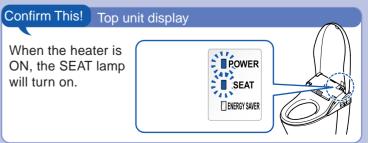
•To disable the seat heater, push until Seat OFF is shown on the display.



AM 10:00
PRESSURE POSITION

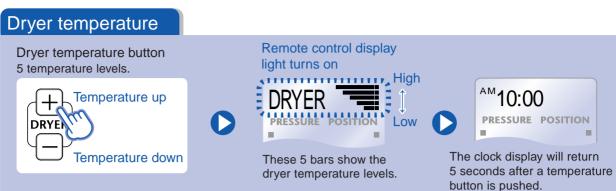
These 5 bars show the seat temperature levels.

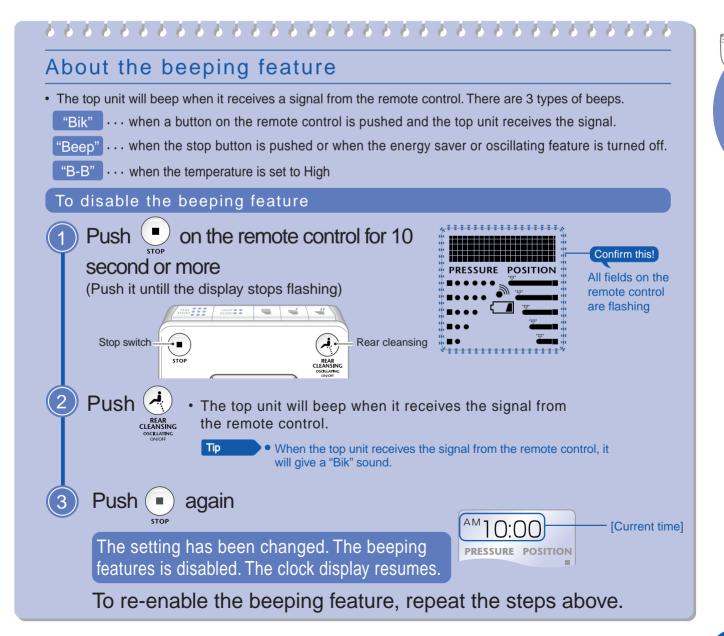
The clock display will return 5 seconds after a temperature button is pushed.





#### Adjust temperature (continued)





## Deodorizer

#### Activating the deodorizer

- · How to use the deodorizing function
- Approach the toilet bowl

The deodorizer turns on automatically

The deodorizer is initially set to ON.

Leave the toilet bowl

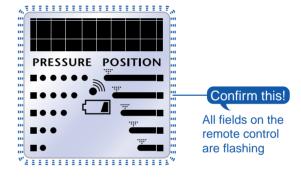
The deoderizer stops automatically after about 1min.

#### Disabling the deodorizer feature

on the remote control for 10 second or more

(Push it untill the display starts flashing)





- Open the remote control cover and push
  - The top unit will beep when it receives the signal from the remote control.

• When the top unit receives the signal from the remote control, it will give a "Bik" sound.

Close the remote control cover and push again

> The setting has been changed. The deodorizer is disabled. The clock display resumes.



• If the deodorizer is disabled, 10 minutes after the remote control batteries are replaced. the deodorizer will become re-enabled.



Open the cover

If you want to re-enable the deodorizer, repeat the steps above.



## Soft Light

When a person sits on the **NEOREST** 

A person comes within 30cm/1ft of the NEOREST

The person sits on the NEOREST

High Light

The person gets up and begins to move away

Medium Light

90 sec after the person has moved more than 30cm/1ft away from the NEOREST, the thelow light shines for 5 secs.

Low Light

Medium Light















When a person stands in front of the **NEOREST** 

A person comes within 30cm/1ft of the NEOREST in front of the NEOREST

The person stands

Medium Light

The person gets up and begins to move away

Medium Light

90 sec after the person has moved more than 30cm/1ft away from the NEOREST. the low light shines for 5 secs.

Low Light

Medium Light

















#### Tip

• The soft light will have the same functionality whether the seat and lid are opened/closed manually, with the remote or automatically.

#### Changing soft light between low, medium, and high modes

#### Tip

- Medium Mode is the default mode. Its fuctionality is described in the section above.
- When the NEOREST is set to High Mode, the soft light will provide High Light where Medium Light is indicated in
- When the NEOREST is set to Low Mode, the soft light will provided Low Light where Medium Light is indicated in the above section.



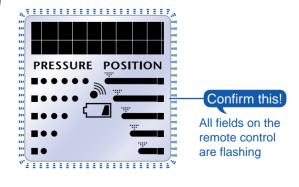


Push on the remote control for 10

#### second or more

(Push it untill the display starts flashing)



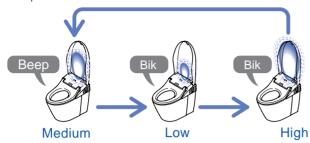


Open the remote control cover and push +

 Each time the button is pushed, the illumination changes modes. The modes rotate from Low to High to Medium.

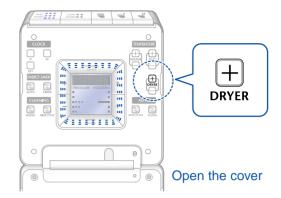


 When the top unit receives the signals from the remote control, it will give out a "Bik" for the Low and High modes, "Beep" for the Middle mode.



Close the remote control cover and push again

The setting has been changed. The clock display resumes.





#### To disable the soft light feature

Push on the remote control for 10 second or more

(Push it untill the display starts flashing)



Push DRYER ON/OFF

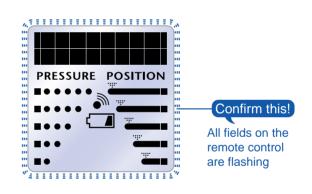
 The top unit will beep when it receives the signal from the remote control.

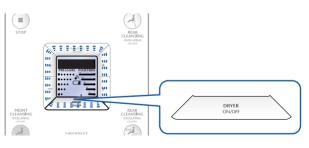
 When the top unit receives the signal from the remote control, it will give a "Bik" sound.

Close the remote control cover and push again

The setting has been changed. The soft light is disabled. The clock display resumes.

If you want to re-enable the soft light, repeat the steps above.







#### How to open/close the seat/lid with the remote control

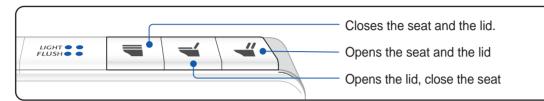
• You can open/close the seat and lid with the remote control (even if Auto OPEN/CLOSE is set to ON).

If the remote control batteries are dead, the lid can be opened/closed manually.



on the remote control

Opens/closes the seat/lid.



#### How to use lid auto open/close

• The lid will open automatically when a person approaches and close automatically when they leave. If the lid is closed manually or with the remote control, it will automatically re-open within 2 seconds if someone is still in close proximity. (Do not repeatedly open/close the lid in rapid succession.)



#### Approach the toilet bowl

#### The lid opens automatically.

Tip

- The lid auto open/close feature is initially set to ON.
- If the room temperature is over 86°F (30°C) seat sensor A can not detect the person because the temperature differential will be too small. In this instance, use the remote control.
- When seat sensor A detects a person, the lid will open automatically.

#### Using the toilet while seated

- · The lid opens automatically.
- 90 seconds after a person moves more than 1ft. (30cm) away from NEOREST, the lid will automatically close.

The lid closes automatically.

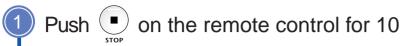
#### Using the toilet while standing

- The lid opens automatically. Open the seat with the remote control. Page 24
- 90 seconds after a person moves more than 1ft. (30cm) away from NEOREST, the lid will automatically close.

The seat and lid close automatically.

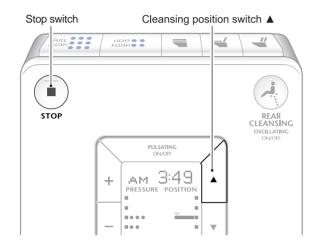


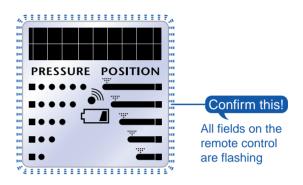
#### Changing the lid auto close waiting time (from 90 seconds to 60 seconds.)



#### second or more

(Push it untill the display starts flashing)





2 Push

When the main unit receives the signal from the remote control, it will give a "Bik" sound.

• The top unit will give out a "Bik" when it receives the signal from the remote control.

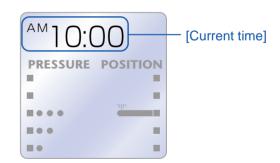


 The lid auto close waiting time is changed to 90s, the main unit will give a "Beep" sound when the signla from the remote control is received.

3 Push again

The setting has been changed. The lid will automatically close 60s later. The clock display resumes.

To restore the waiting time to 90 seconds, repeat the steps above.



#### To automatically open the toilet seat and lid

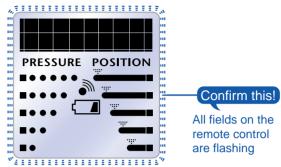
Push •

on the remote control for 10

#### second or more

(Push it untill the display starts flashing)







• When the top unit receives the signal from the remote control, it gives out a "Bik".

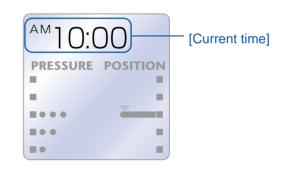
Tip

• When switching the automatic open feature to the lid only, the top unit will give out a "Beep" as it receives the signal from the remote control.

Push again

The setting has been changed. The seat and the lid will open simultaneously. The clock display resumes.

To restore the automatic open feature to the lid only, repeat the steps above.



#### How to disable auto open/close



Open the remote control cover

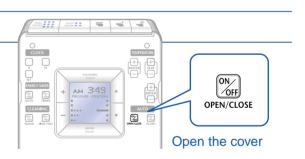


•The remote control display shows ON (This is the current setting.)



• The remote control display shows OFF









· On the remote control display shows [AUTO LID OPEN/CLOSE IS OFF]

The setting has been changed. The automatic open/close feature is disabled. The clock display resumes.

To restore the automatic open/close feature, repeat the steps above.



#### About the NEOREST seat sensors

#### The NEOREST uses 2 seat sensors.

- Seat sensor A is used to detect a person. within 1 ft. (30cm) of the NEOREST.
- It uses changes in temperature for detection When the room temperature is over 86°F (30°C), the sensor cannot detect a person.

Under direct sunlight, erroneous detection may cause the lid open.

If the restroom door is open, seat sensor A may be able detect a person outside the door.

- · Sensor B is used to detect a person sitting on or standing in front of the NEOREST.
- · It uses an infrared beam for detection



Amenities : Flushing

There are two flush modes: (Remote flush) (Auto flush) modes.

#### Remote flush

• The remote control can be used to flush the NEOREST (even if the auto flush feature is ON).

• 6 seconds must pass after a flush before the NEOREST will respond to a command to flush again.



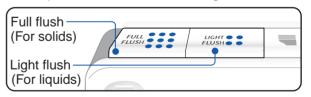
Push



or



The NEOREST flushes either a full or light flush.



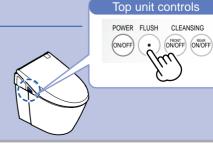
#### When the remote control batteries dead

· Use flush button on the top unit controls.

Push

on the top unit

The NEOREST flushes a full flush.



#### Auto flush

- The NEOREST can flush itself when a person is done using it.
- The auto flush feature is initially set to ON.



#### When a person sits on the NEOREST

 The NEOREST auto flushes only when a person sits on it for more than 6 seconds.

5 seconds after the person gets up from the NEOREST, it flushes a full flush.

#### Tip

- If a small child uses the NEOREST, the sensors may not detect him/her and the auto flush may not execute.
- After the NEOREST auto flushes, it will not auto flush for the next 60 seconds. However the remote control can be used to flush.
- · The full flush and light flush can be distinguished by the amount of time spent flushing. Light Flush - approximately 6-30 seconds Full Flush - over 30 seconds

If a person is not seated properly on the NEOREST, it may flush automatically before he/she has gotten up from seated.

#### When a person stands in front of the NEOREST

• The NEOREST auto flushes only when a person has been standing in front of it for more than

3 seconds after the person has gotten more than 1ft (30cm) away from the NEOREST, it flushes a light flush.

#### Tip

- If a small child uses the NEOREST, the sensor may not detect him/her and the auto flush may not execute.
- After the NEOREST auto flushes, it will not auto flush for the next 60 seconds. However the remote control can be used to flush.



#### Changing the auto flush waiting time from 5 to 10 seconds.



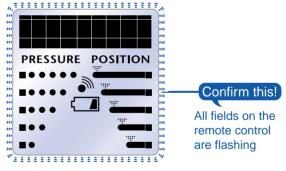
Push on the remote control for 10

#### second or more

(Push it untill the display starts flashing)









# Open the remote control cover. Push

 When the top unit receives the signal from the remote control, it will gives out a "Bik" sound.



 When switching to a flush waiting time of 5 seconds, the top unit will give out a "Beep" sound when it recieves the signal from the remote control.

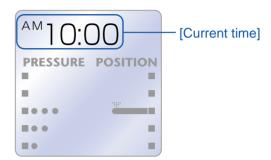


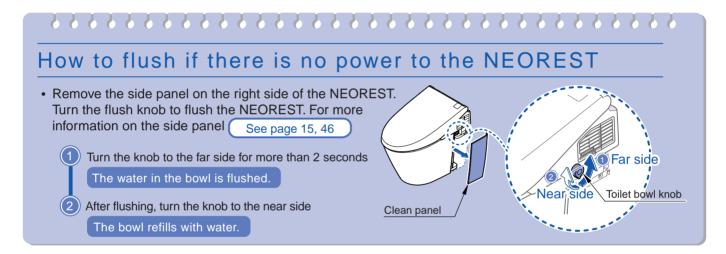
3

Close the remote control cover. Push again.

The setting has been changed. The auto flush waiting time is 10 seconds. The clock display resumes.

To restore the auto flush waiting time to 5 seconds. repeat the steps above.





#### How to disable auto flush

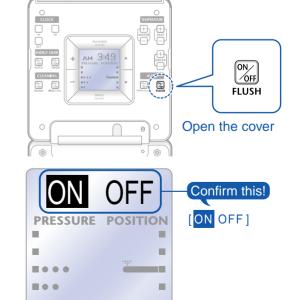


Open the remote control cover



Push of FLUSH

• The remote control display shows [ON OFF]





## Push gain on the remote control

The display changes to OFF



• If the buttion is pushed again the display will toggle

 $[ON OFF] \rightarrow [ON OFF]$ 

•The display then shows [AUTO FLUSH IS OFF.]

The setting has been changed. The auto flush is disabled. The clock display resumes.

To turn the auto flush feature back on repeat the steps above. The display will then show [AUTO FLUSH IS ON.]



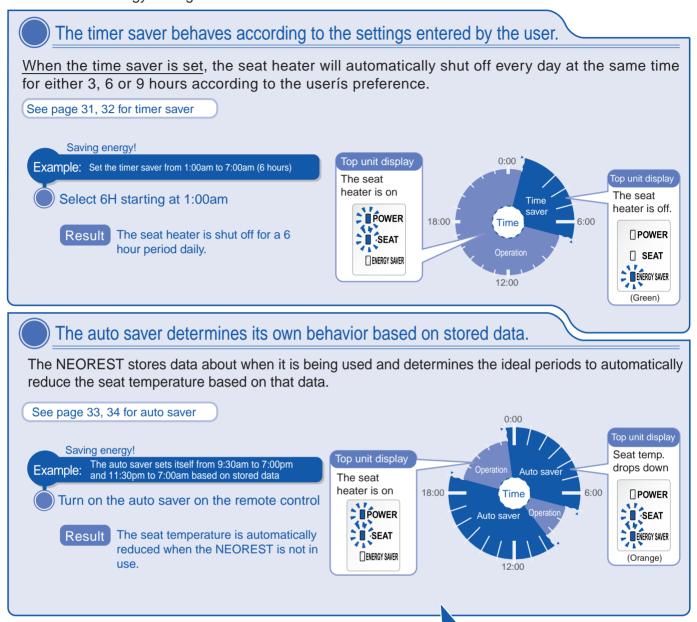






# **Energy Saving Feature**

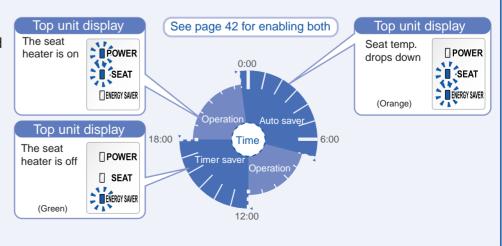
There are two energy saving modes: timer saver and auto saver.



#### The user can enable the timer saver auto saver simultaneously.

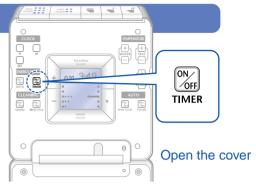
How both features interact when they are both enabled

When timer saver is not activated, auto saver will work.



#### Example: Set the timer saver from 1:00am to 7:00am (6 hours)

Open the remote control cover



2 Set the required starting time (1:00am), then push ENERGY SAVER ONLY ON TIMER ON the remote control.



- Push ENERGY SAVER TIMER repeatedly until 6H is shown on the display.
  - The text [THE ENERGY SAVE IS SET FOR 6 HOURS] is shown.

The setting has been canged. The time saver is enabled.

#### Tip

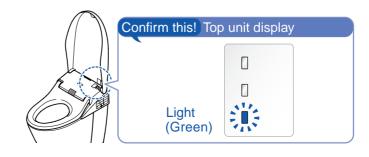
- •When the top unit receives the signal from the remote control, it gives out a "Bik" sound.
- •A person can still use the NEOREST during energy saving period.
  - When you sit on the NEOREST, the seat heater is turn back on immediately.
  - It will take about 15 minutes to completly re-heat the seat.







 When the timer saver is activated, [ENERGY SAVER] light (green) will turn on.

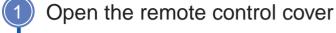




Use



• The time saver can be set to 3, 6, or 9 hours periods.



Push ENERGY SAVER ON TIMES

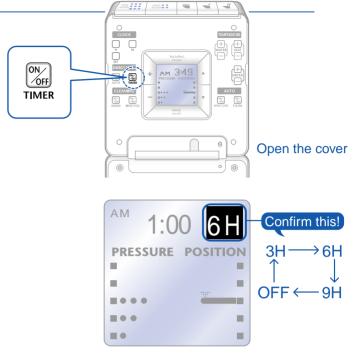
 Pushing the button repeatly will cause the display will toggle from 3H, 6H, 9H and OFF Select the appropriate time period.

3 Push CLOCK twice

#### The setting has been canged.

 While changing the energy saving time period (3, 6 or 9hr), set the starting time as well.





#### Disabling the time saver

Open the remote control cover



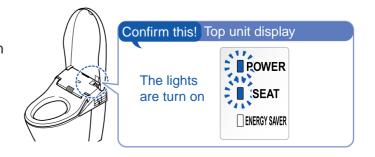
• The text [THE ENERGY SAVER IS OFF.] will be shown on the romote display.

The setting has been changed. The auto flush is disabled. The clock display resumes.

 The POWER and SEAT lights will turn on on the top unit display.





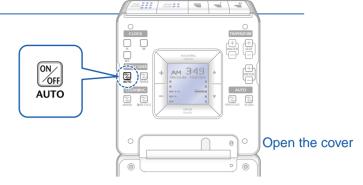


#### : Using the auto saver

#### Enabling the auto saver



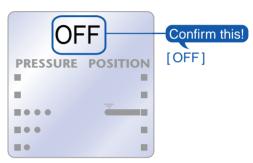
Open the remote control cover



2

## Push ON AUTO

 OFF will be displayed on the remote control (Current setting is shown on the display)





## Push until AUTO TIMER is shown on the display

- "AUTO TIMER" is shown on the remote control display.
- The text [THE AUTO ENERGY SAVER IS ON.] is shown on the remote control display.

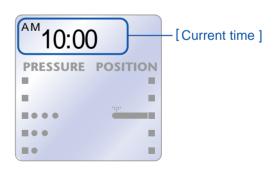




The setting has been changed. The auto saver is enabled. The clock display resumes.



- It will take 2 or 3 days for the auto saver to collect enough data to determine when it should lower the seat temperature. The auto saver gradually takes effect during that period.
- The NEOREST can still be used even if auto saver has not yet determined when to lower the seat temperature.
  - The auto saver will lowers the seat temperature to 79°F (26°C)when it doesnit expect to be used.
     The seat will begin re-heating immediately if someone begins to use it during this period.
- While the auto saver has lowered the seat temperature, the SEAT light (green) and the ENERGY SAVER light (orange) will be turn on.





Use

#### Disabling the auto saver



Open the remote control cover

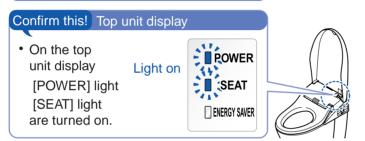


2

Keep pushing with OFF appears

• The information [THE AUTO ENERGY SAVER IS OFF.] will be shown on the remote control display

The setting has been changed. The auto saver has been disabled. The clock display resumes.



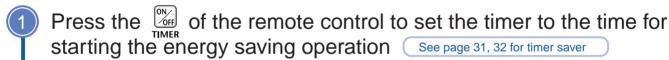






#### Using the timer saver and auto saver simultaneously

• It does not matter feature you activate first



2 Push of to set the auto saver

See page 33 for auto saver

#### Smart energy saving tips

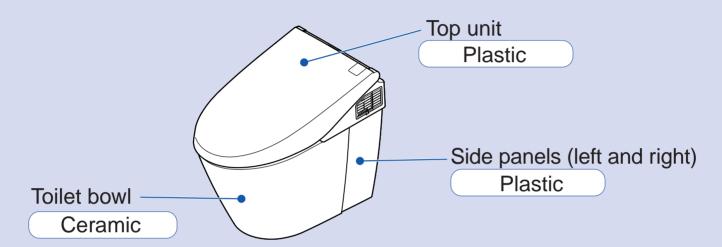
- Set the seat temperature lower
   Set the seat temperature lower to save energy, but not low enough to not cause discomfort.
- Close the NEOREST lid
   When the lid is closed, heat is less likely to escape and energy is saved.
- If the NEOREST will not be used for a long period of time, set POWER ON/OFF to OFF

Push NOFF to turn off the top unit and save energy.

# Maintenance

1 : Before Cleaning

#### Please read before attempting to clean the NEOREST



Caution

Improper cleaning can be harmful to the product. Please do not use the following tools or detergents.

Plastic and rubber parts

Thinner, benzene, cleanser, nylon scrubber, dry cloth, toilet paper

Ceramic parts

Strong acid or alkali, abrasive detergent, metal brush, abrasive nylon scrubber

Metal parts

Scrubber, nylon scrubber, cleanser, grounding power, rough detergent, thinner, benzene, clorine detergent, strong alkaline chemical

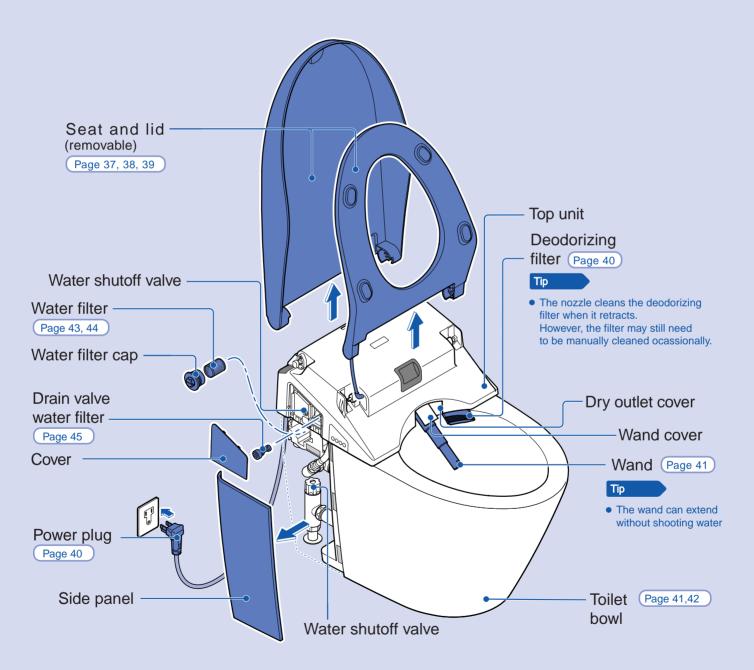
# Toilet brush Soft damp cloth Neutral detergent

#### Some parts can be remove for thorough cleaning

#### Caution

#### For safety, detach the power plug before cleaning the product.

Detach the power plug when cleaning thoroughly. Basic cleaning can be done while the NEOREST is plugged in. The wand cleaning or rinse cycle features that assist with basic cleaning require power. When the plug is reinserted into the outlet, there will be a 10 second to 1 minute period during which the soft light will flash and auto open/close feature will not be avialable. However, the seat and lid can still be actuated using remote control.



# Cleaning the top unit, seat and lid

# Use a soft damp cloth wet with water to wipe

 The cloth should be wet and any excess water should be rung out before wiping

### Tip

- Do not use a dry cloth or dry paper to clean the plastic parts. Using dry paper or dry cloth may degrade the antibacterial coating on some palastic parts.
- The NEOREST is an electrical product. Water should NOT be allowed to seep inside the product. Detergent should NOT be left in any gaps after cleaning.
- Keep the area near seat sensor A and B and the remote signal reciever clean. Dirt in these areas may cause the NEOREST to malfunction.



- The curved front of the top unit allows for easy cleaning.
   The deoderizer filter should not be extended while the curved area is being wiped clean.
- When dryer outlet cover is opened manually, it will not close by itself. Pushing CLEANING Will close the dryer outlet cover and open the wand cover for the wand will extend. Pushing CLEANING again will cause the wand to retact.
- Do not use excessive force to push or pull the nozzle cover or dryer cover. (The cover may be damaged or malfunction.)



- Use a soft damp cloth wet with water and a thin neutral detergent to clean.
- Then use a soft damp cloth wet with water only to remove the detergent.

# If detergent adheres to the product

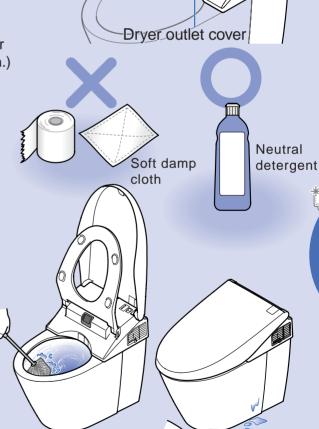
Use a soft damp cloth wet with water to wipe it off.

# Cleaning the toilet bowl

• Use a toilet brush or sponge with water to clean the bowl.

# Cleaning the floor

 If liquid gets on the floor, use a damp cloth to wipe it up.



# Caution

If toilet detergent is used in the toilet bowl, keep the toilet and the lid opened while cleaning
with the detergent. Rinse off the detergent as soon as possible (within 3 minutes)
and be sure to rinse off the detergent thoroughly.
 (When detergent is evaporates, the fumes may seep into the top unit and cause damage to
the product.)

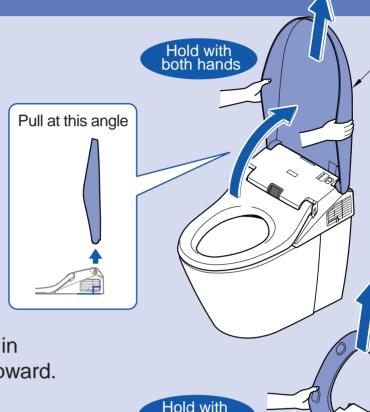
# Cleaning the top unit, seat and lid

Removing the lid for a more thorough cleaning

# Removing the lid

Remove the lid

Lift the lid as shown in the figure and pull it upward.



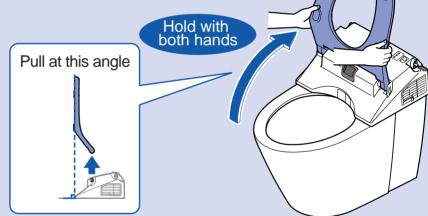
Lid

Seat

Remove the seat

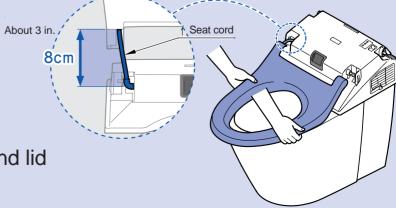
Lift the seat as shown in the figure and pull it upward.

 Do not pull it at an oblique angle or apply excessive force. (Damage may result.)



Output
Output
Output
Description
Descri

 The cord for the seat is about 3 in. (8cm).
 Do not pull on it.
 (The cord may break.)



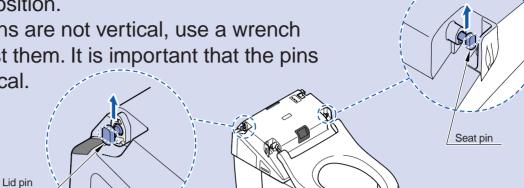
Clean the top unit, seat and lid

See page 37 for cleaning instructions

# Installing the seat and lid

Confirm the seat pin and lid pin are in a vertical position.

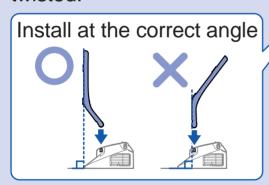
\* If the pins are not vertical, use a wrench to adjust them. It is important that the pins be vertical.



To install the seat, postion it vertically as shown and then lower it onto the pins.

> • If the seat and pins are vertical, the seat should easily slide into place. Do not use excessive force.

 The seat cord should not be twisted.





To install the lid, postion it vertically as shown and then lower it onto the pins.

• If the lid and pins are vertical, the seat should easily slide into place. Do not use excessive force.





# 4: Routine cleaning

# Checking and cleaning power plug

- Please clean the power plug every month.

# Remove the power plug from the outlet

- Clean it
- · Use a dry cloth to clean off any dirt on the plug.

# Re-insert the plug

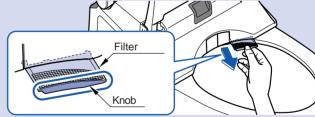
• Be sure to insert it firmly and securely into the outlet.

# Cleaning the deodorizer filter

- · Clean the deodorizer filter if an odor becomes present

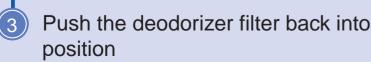
# Hold the deodorizer filter by its knob and pull it out

· Do not use excessive force. (damage may result.) Do not completely remove the deodorizer filter.

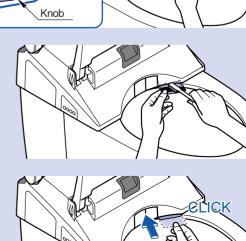


# Clean the filter

· Use a toothbrush to clean off any dust on the filter.



· Push it until there is a CLICK noise to ensure it is reinserted properly.



# Cleaning the wand

• The nozzle can extend without shooting water, so that it can cleaned easily.



To make the wand extend, open the remote control cover.

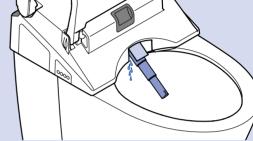
Push wand

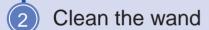
 The dryer outlet cover will open and close, making an audible sound.

### Wand extends

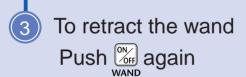
- Water dribbles out to clean the base of the nozzle.
- The nozzle will draw back automatically after about 5 minutes.



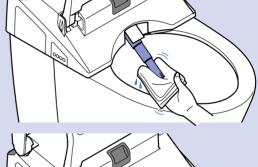


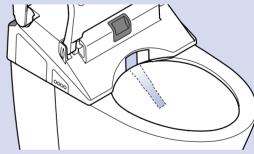


Use a soft cloth wet with water to clean the nozzle.
 Do not use excessive force to pull, push or press the nozzle.
 (A damage may result.)



The wand retracts and auto cleanses.





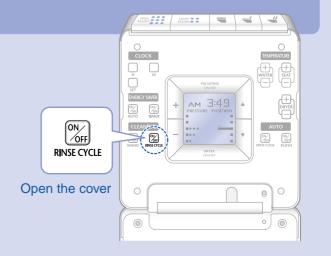
# Cleaning the toilet bowl

The rinse cycle allows for easy cleaning.
 Be careful to not to damage the top unit with detergent



Open the remote control cover Push 🔭

· Begin cleaning the toilet bowl.

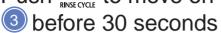




The rim wash runs continuously for 30 seconds.

· Now clean the sides of the toilet bowl.

Push RNSECYCLE to move on to





The siphon jet runs continuously for 30 seconds.

· Now clean the trap way portion of the toilet bowl.

Push to move on to before 30 seconds



The toilet bowl is refilled with water

• The rinse cylce is complete.



To stop cleaning in the middle of the rinse cycle

. The NEOREST will flushed and refilled

# Caution

# If detergent is to be used, use it before cleaning with the rinse cylce

• When detergent is used to clean the toilet bowl, rinse it off soon as possible (within 3 minutes). Keep the seat and lid opened while derergent is in the bowl. Be sure to rinse off the detergent thoroughly. (Detergent fumes may enters into the top unit and cause damage to the product.)

Tip

• If the interior of the toilet bowl become visibly dirty, clean it immediately.

If the side panels are accidentally removed during cleaning

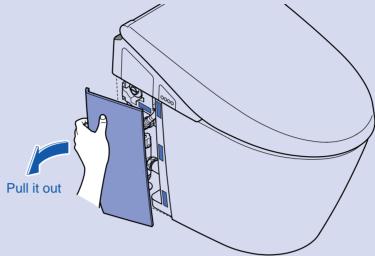
See page 15 and 44 for instructions on how put on the side panels

# Cleaning the water filter

• When the flush becomes weak, clean the water supply filter and the drain valve water filter.

# Use the attached special tool to access the water supply filter

Hold the rear part of the side panel and pull it off.



- Turn off the water supply using the water shutoff valve
  - Push wand extend.
  - Push on again to make it retact.

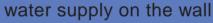
(this is to release the water pressure inside NEOREST.)

# 

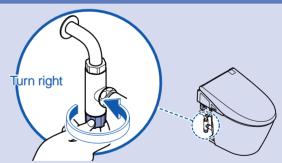


Do not attempt to remove the water supply filter if the water shutoff valve is open. Water will spray out.

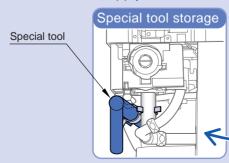
# water supply on the floor

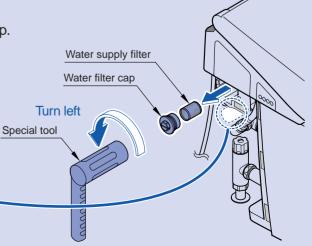






- Remove water supply filter
  - Use the special tool to remove the water filter cap.
  - Then remove the water supply filter.







# Clean the water supply filter

- · Clean off any dirt that has adhered to the mesh.
- Use toothbrush to remove any residual dirt.



- •When cleaning the water supply filter
- Use water only. No detergent.
- Do not use excessive force. The filter may become deformed.





# Replace the water supply filter

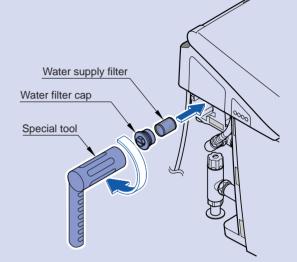
· Restore the parts in their position original, use the special tool to fasten the filter cap.

# 



Fasten the filter cap firmly

· A loose water filter cap will Mandatory cause water leakage.



# Open the water shutoff valve

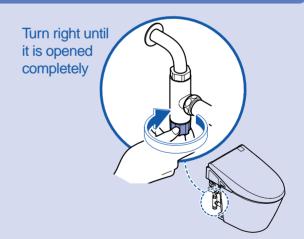
· Confirm there is no leakage from the water shutoff valve and pipe.

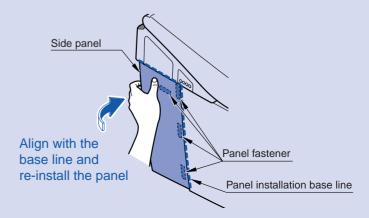
# water supply on the floor



Keep the special tool in its designated place, align the side panel with the basic line and then re-install it

# water supply on the wall

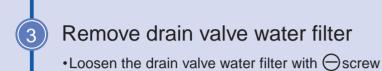




Turn off the water supply using the water shutoff valve

Page 43

Remove the cover on the side of the top unit

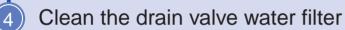


driver, and then pull it out.

# **△** Caution

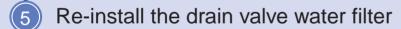


Don't remove drain valve water filter if the water shutoff valve is open. Water will spray out.



- · Use a toothbrush to remove any dirt.
- · Use a cotton swab to remove the dirt in the drain valve water filter holes.

- When cleaning the drain valve water filter
  - · Use water only. No detergent.
  - · Do not use excessive force. The filter may become deformed.
  - · Do not break the filter when removing it.



 Insert the regulation valve, use a 

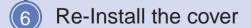
 screw driver to fasten it firmly.

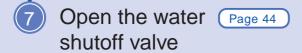
# 

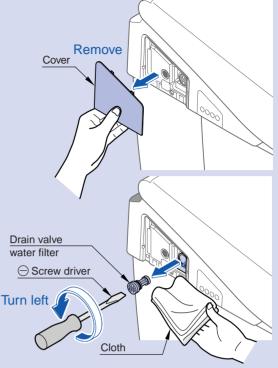


Fasten the drain valve water filter

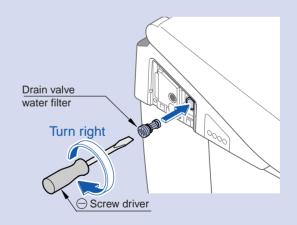
Mandatory • A loose instillation will cause water leakage

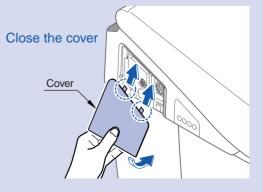














# Power or water failure

# Power or water failure

• The NEOREST will not flush properly if there is power or water failure. In such a situation, follow these instruction.

### Power failure

# How to flush the NEOREST if there is a power failure

• Remove the cover panel on the right of the NEOREST, use the manual flush knob

If the side panels are accidentally removed (see page 15, 44, 45)

Turn the knob to far side for more than 2 seconds.

The water in the bowl is flushed.

After flushing, turn the knob to near side

The bowl refills with water.



# Water failure

•If the water supply fails, please the set auto flush feature to OFF.

See page 28, 29 for disabling auto flush

· Pour about 2gal.(8L) of water from a big bucket into the center of the toilet bowl to induce flushing. Be careful to not splash water from the toilet bowl.



- Cover the floor with newspaper help contain water splashing.
- · If the water level is too low in the toilet bowl after the bucket is poured, add more water. The water prevents odors from coming out of the sewer pipes through the toilet bowl drain.

# Preventing damage caused by freezing conditions or by disused over an extended period of time

Solution

# : If freezing conditions are likely

Tip

• If freezing conditions are likely

Do not use energy saver. Otherwise the freezing conditions may cause product damage.

See page 32 for timer saver

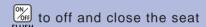
See page 34 for auto saver

To cope with freezing conditions, use a heater in the room or drain out the water in the toilet bowl. Freezing may cause product damage or leakage.

Caution

To cope with freezing conditions, set and lid





# Enabling antifreeze mode

• The NEOREST will flush regularly to drain out the water before it freezes.

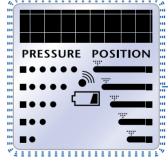


Push on the remote control for 10

# second or more

(Push it untill the display starts flashing)





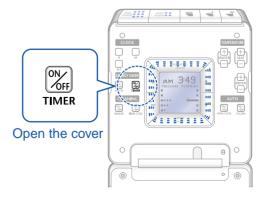
All fields on the remote control are flashing



• When the top unit receives the signal from the remote control, it will "Beep".



 When the top unit receives the "OFF" signal from the remote control, it will "Beep".







# Close the remote control lid

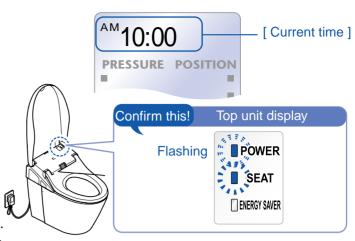
Push



again

The setting has been changed. The antifreeze mode is on. The clock display has resumed.

- · POWER light on the top unit flashes indicating antifreeze mode is ON.
- About 0.0026gal (50ml) of warm water will flow out of the wand nozzle every 5min.
- The NEOREST is flushed every 10 minutes.



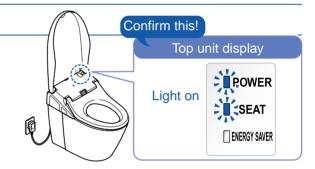
# Preventing freezing

- Set the warm water temperature and seat temperature to High on the remote control.
- · Close the toilet bowl lid.

# Disabling antifreeze mode

- · Turn OFF antifreezing mode, repeat the steps above See page 47, 48 antifreeze action
- The POWER and SEAT lights will stop flishing when the antifreezing mode is turned OFF

Do not! is open. Water will spray out.



Solution

# If the NEOREST is not being used for an extended period of time

- Stagnant water may cause skin irritation or may damage the product. Drain out the water to prevent this.
- If the unit is moved to another location, you should drain out the toilet bowl to prevent freezing.

# Drain out the water Turn off the water supply using the water shutoff valve Drain the water in the pipe **NEOREST** power plug • Open the NEOREST lid Remove the cover • Push of to extend the wand, then push of again to retract it. Cover (This releases the pressure in the pipe.) $\bigcirc$ Loosen the water supply filter with a $\bigcirc$ screw driver, then pull it out. Water filter Turn left Do not attemp to remove the water ⊖screw driver supply filter if the water shutoff valve

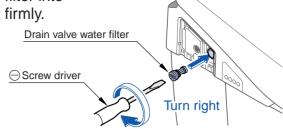
When the water is drained, put the water supply filter into its place and use the  $\bigcirc$  screw driver to fasten it firmly.

### Caution



Fasten the filter cap firmly

· A loose water filter cap will cause water leakage



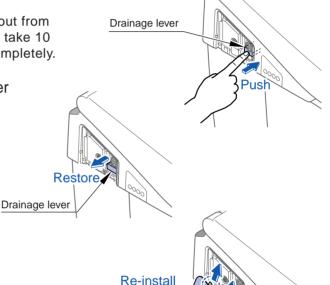
- Drain the water from in the wand
  - 1 Push on the remote control
  - 2 When water has been drained out, push 6

(Then the nozzle retracts to its original position.)

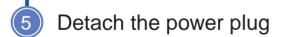


- Drain out the water in the top unit
  - Keep pushing the drainage lever
    - About 0.11gal.(40ml) of water flows out from the top unit into the toilet bowl. It will take 10 seconds for the water to drain out completely.
  - Release the drainage lever. The lever returns to its original position.





Cover



Take care of any retained water

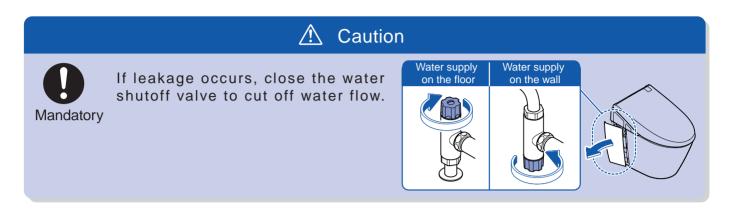
• It is advisable to add an antifreeze agent to the retained water.

### To restore water when water has been turned off

- Open the water shutoff valve
  - · Confirm there is no leakage in the pipe or in the top unit.
- Insert the power plug into the outlet
- Operate wash function
  - · Cover the seat sensor with piece of paper, have a paper cup ready to catch the water on the remote control. Allow water shoot out of the nozzle for at least 2min.

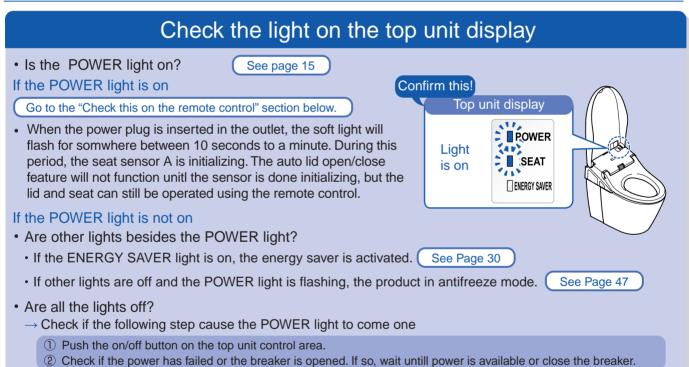
# Troubleshooting

When there is a trouble with the NEOREST, please read this section to find a solution.



Check the following before having the product repaired.

Check the following first



# Check this on the remote control

- Is the LCD display on the remote control completely off?
  - → Then check if the batteries are installed properly.
- Is shown on the remote control display
  - → The batteries are dead, please replace them. See Page 13
- Check if the signal emitting area on the remote and the signal recieving area on the top unit are covered, dirty or wet.
  - → Remove the obstacles or clean the signal emmitting area. See Page 12

When all the above has been checked, goto the "Checking problems" section on the next page.

# Checking Problems

Cleansing and drying					
		Dogult (source)	Calutian		
Problem	Check Will the front and rear cleansing buttons on the top unit	Result (cause) [Yes ] The top unit can not receive the signal.	Solution  Check the steps in the "Check this on the remote control" secton.  Page 50		
	activate the their respective features?  Caution  If the seat sensor does not detect a person, the cleansing and drying features are	(No)	The seat sensor A does not work. Check if the seat sensor A is obstructed, dirty or wet. Make sure the seat sensor is unobstructed, clean and dry.  Page 10,17		
	unavailable. Please sit on the NEOREST to confirm this is not cause of the problem.		Seat sensor A may not detect a person because of the way they are seated, their clothing color or alothing material. Sit futher back on the seat or lift you clothing to expose skin to the sensor.		
Rear cleansing, front cleansing and warm air		Water does not flow or spray is very weak.	Has the water supply stopped? Push end wait till water supply is resumed.		
drying will not activate with the		No water is being supplied to the	Is the water shutoff valve closed? Try opening the main valve and the water shutoff valve. Page 11,15		
remote control	Doos the wand extend	NEOREST.	Is the water supply filter clogged? Please clean the water supply filter.  Page 43		
	Does the wand extend when one of the cleansing buttons is pushed on the remote control?	[It does not extend] Safety devices are activated when the	When a person has sat on the toilet seat for 2 hours, the cleansing and drying features are deactivated. For safety reasons, please leave the seat and use it again later.		
		sensor continuously detects a person.	If seat sensor A is obstructed, dirty or wet, it may continuously detect a "person." Make sure the seat sensor is unobstructed, clean and dry.  Page 10, 17		
			Seat sensor A will keep detecting a "person" if it is covered by an obsticle. Please remove the obstacle.		
Fluching					
Flushing	Check	Pacult (causa)	Solution		
Flushing Problem	Check  Does the NEOREST flush if the flush buttons on the remote control or	Result (cause)  [No] The water supply is cut off	Solution  Has the tap water failed?  Wait till the water supply resumes.  Flush the toilet bowl with a bucket of water.  Page 46		
	Does the NEOREST flush if the flush buttons on the	[No]	Has the tap water failed? Wait till the water supply resumes. Flush the toilet bowl with a bucket of water.		
Problem	Does the NEOREST flush if the flush buttons on the remote control or the top unit are	[No] The water supply is cut off.	Has the tap water failed? Wait till the water supply resumes. Flush the toilet bowl with a bucket of water.  Page 46  Is the water shutoff valve closed?		
Problem	Does the NEOREST flush if the flush buttons on the remote control or the top unit are pushed?	[No] The water supply is cut off.	Has the tap water failed? Wait till the water supply resumes. Flush the toilet bowl with a bucket of water.  Page 46  Is the water shutoff valve closed? Open it completely.  Page 15  The bowl must be refilled before another flush can		
Problem	Does the NEOREST flush if the flush buttons on the remote control or the top unit are pushed?	[No] The water supply is cut off.	Has the tap water failed? Wait till the water supply resumes. Flush the toilet bowl with a bucket of water.  Page 46  Is the water shutoff valve closed? Open it completely.  Page 15  The bowl must be refilled before another flush can proceed. This takes about 6 seconds.  If seat sensor A is obstructed, dirty or wet, it may continuously detect a "person." Make sure the seat sensor is unobstructed, clean and dry.  Page 10, 17		
Problem	Does the NEOREST flush if the flush buttons on the remote control or the top unit are pushed?	[No] The water supply is cut off.	Has the tap water failed? Wait till the water supply resumes. Flush the toilet bowl with a bucket of water.  Page 46  Is the water shutoff valve closed? Open it completely.  Page 15  The bowl must be refilled before another flush can proceed. This takes about 6 seconds.  If seat sensor A is obstructed, dirty or wet, it may continuously detect a "person." Make sure the seat sensor is unobstructed, clean and dry.  Page 10, 17  Auto flush is unavailable for the next 60s after an auto flush is executed. You can use the remote control to flush during those 60 seconds. A person must stand in front of or sit on the Neorest at least 6 seconds for the auto flush to be activated.  Page 27		
Problem  No flush  Auto flush is	Does the NEOREST flush if the flush buttons on the remote control or the top unit are pushed?  Do you push the switch continually?  Push Auto Fills Does the remote control display change to	[No] The water supply is cut off.	Has the tap water failed? Wait till the water supply resumes. Flush the toilet bowl with a bucket of water.  Page 46  Is the water shutoff valve closed? Open it completely.  Page 15  The bowl must be refilled before another flush can proceed. This takes about 6 seconds.  If seat sensor A is obstructed, dirty or wet, it may continuously detect a "person." Make sure the seat sensor is unobstructed, clean and dry.  Page 10, 17  Auto flush is unavailable for the next 60s after an auto flush is executed. You can use the remote control to flush during those 60 seconds. A person must stand in front of or sit on the Neorest at least 6 seconds for		

Page 17, 26

Confirm seat sensor A is not continuously detecting a "person".

Flushing (continued)						
Problem	Check	Result (cause)	Solution			
Auto flush is unavailable	Push AUTO CHEEN. Does the remote control display change to [ON OFF]?	[Displays [ON OFF]] The auto flush feature has been set to off	Push Auto Rush again to set auto flush to ON.  Page 28, 29			

Seat and lid	open/close		
Problem	Check	Result (cause)	Solution
Seat and lid fail	Can you open/close the	[No ] The seat and lid are not properly installed.	Install the seat and lid properly.  Page 37
to open/close	seat and lid with the remote control?	[No ] The signal from the remote control is not being received.	Check the steps in the "Check this on the remote control" secton
			Seat sensor B may not detect a person when it is obstructed, dirty or wet. Make sure the seat sensor is unobstructed, clean and dry.  Page 26
	Push OFF ] ?	[Displays [ ON OFF]] Auto open/close is set to ON.	The toilet bowl lid will not open automatically for the next 2 seconds after it has been closed manually.
Lid auto open fails			When the room temperature is over 86°F (30°C), the sensor can not detect the person because the temperature difference is too small. If this is the case, use the remote control. Push on the remote control.
		[Displays [ON OFF]] Auto open/close is set to OFF.	Push again on the remote control to turn the auto open/close feature ON.  Page 25
	Is the soft light flashing?	[Yes]	When the power plug is inserted in the outlet, the soft light will flash for somwhere between 10 seconds to a minute. During this period, the seat sensor A is initializing. The auto lid open/close feature will not function unitl the sensor is done initializing, but the lid and seat can still be operated using the remote control.  Push on the remote control.
Seat and lid auto close failed	Push NOTO OFF ] ?	[Displays [ ON OFF]] Auto open/close is set to ON.	If a person has been within 1ft. (30cm) of the NEOREST for more than 6 seconds and then moves away, the seat and lid will automatically close 90 seconds later. If a person continues to stay with in 1ft. (30cm) of the NEOREST, the lid will not close automatically.
			If the seat sensor A is obstructed, dirty or wet, it may continuously detect a "person." Make sure the seat sensor is unobstructed, clean and dry.  Page 17, 26
		[Displays [ON OFF]] Auto open/close is set to OFF.	Push again on the remote control to turn the auto open/close feature ON.

Deodorizer, energy saver					
Problem	Check	Result (cause)	Solution		
Dendarizer does	Can the deodorizer be heard when the seat sensor detects	[No]	Check if seat sensor A is having trouble detecting whether or not a person is seated on the NEOREST.  Page 17		
	someone sitting on the NEOREST?		Is seat sensor A covered with dirt or water? Remove dirt from the sensor Page 10, 17		

Deodorizer, energy saver (continued)				
Problem	Check	Result (cause)	Solution	
	Can the deodorizer be heard when the seat sensor detects someone sitting on the NEOREST?	[No]	Seat sensor A may not detect a person because of the way they are seated, their clothing color or alothing material. Sit futher back on the seat or lift you clothing to expose skin to the sensor.	
Deodorizer does not work		The deodorizer feature is set to OFF	Turn the deodorizer feature ON. Page 20	
		The deodorizer filter is clogged	Clean the deodorizing filter. Page 40	
Timer saver or auto saver does not work	Have the remote control batteries recently been replaced?	The setting is reset when the batteries are replaced or taken out.	Please set timer saver or auto saver again.  Page 31 - 34	
Auto saver does not work	Push Julio . Is AUTO ENERGY SAVER IS ON shown in the remote control display?	The auto saver is set to ON.	Even if the auto energy saver is on it still needs to learns usage pattern.  Page 30	

Seat, water, dryer temperatures				
Problem	Check	Result (cause)	Solution	
	What does the remote control display indicate?	The seat temperature set to OFF or to a low value.	Push + on the remote control to adjust. Page 18	
	Is the ENERGY SAVER light on the top unit turned on?	[Yes] When the timer saver is on seat heater is off to conserve energy.	When a person sits on the seat, it takes about 15min to heat the seat back up to the desired temperature.  See Page 31 for timer saver	
Seat does not warm up (cold)		[Yes] When a auto saver is on seat temperature is lowered to conserve energy.	When a person sits on the seat, the seat will be heated back up to the desired temperature in a short time.  See Page 32 for auto saver	
	Has a person sat on the NEOREST seat for over 1hr?	[Yes] When the sensor detects a person, a safety feature is activated and the seat heater is turned OFF.	Leave the seat and it will be heated back up to the desired temperature in a short time.	
	Is the seat sensor dirty?	[Yes]	If the seat sensor A is obstructed, dirty or wet, it may continuously detect a "person." Make sure the seat sensor is unobstructed, clean and dry.  Page 17	
Water for front and rear	What does the remote control display indicate?	The water temperature set to OFF or to a low value.	Push + on the remote control to adjust. Page 18	
cleansing is cold	Is the water only cold when the cleansing starting?	-	When the water supply temperature very cold, the cleansing water temperature will be cold when cleansing begins.	
The air from the dryer is cold	What does the remote control display indicate?	The dryer temperature set to a low value.	Push — on the remote control to adjust. Page 19	

The cleansing pressure is too low					
Problem	Check	Result (cause)	Solution		
	What does the remote control display indicate?	The pressure set to a low value.	Push  on the remote control to adjust. Page 16		
Cleansing water is weak	Is the water supply filter blocked?	-	Clean the water supply filter. Page 43		
	Is the water shutoff valve closed or patially closed?	-	Completely open the water shutoff valve get strong spray.  Page 11, 15		

Unexpected	Unexpected action - cleansing and dryer features					
Problem	Check	Result (cause)	Solution			
Water cleansing and/or warm air stops during	Does the feature work properly during the next use?	The cleansings features will stop automatically in 5 minutes, warm air drying 10 minutes.	To use it again, push the appropriate button.			
operation	Is the seat sensor having difficulty detecting a person on the seat?	-	When a person lifts thier body or bends down while using the toilet bowl, the sensor may not detect them. Sit properly on the NEOREST.			
	Is the seat sensor dirty, wet or obstruted?	When a person sits down, water will flow out of the wand for several seconds to clear out any cold water.	If the seat sensor A is dirty or wet, it may continuously detect a "person" and cause water to runs out of the wand. Make sure the seat sensor is clean and dry.			
Water randomly runs out of the wand nozzle	Is the POWER light flashing?	[Yes] Antifreeze function is set to ON.	If the antifreeze mode is set to ON, water will flow out of the wand every 5 minutes. If the antifreeze mode is unnecessary, please turn it OFF.  Page 47, 48			
	Is it part of normal function?	Water runs out of the nozzle for about 30 seconds after someone gets up from the NEOREST, then it retracts. After that warm air cover will open and close.	Water runs out of the wand for about 30 seconds after someone gets up from the NEOREST, then it retracts. After that warm air cover will open and close.			

Unexpected action - Seat and lid open/close					
Problem	Check	Result (cause)	Solution		
	Push OPENICIOSE Does the remote control display change to [ON OFF]?	[Displays [ ON OFF]] Auto open/close is set to ON.	If the remote control batteries are replaced, the auto open/close feature returns to it's defaul setting of ON.  Set the auto open/close feature to the user's preference.  Page 25, 26		
	-	When sensor B is exposed to sun, it may function improperly.	Keep the NEOREST away from sunlight.		
Lid opens unexpectedly	Is the bathroom furnished with a heater?	[Yes] If the heater is within the detection range of sensor B, it may cause the sensor function improperly.	Keep the bathroom heater out of the detection range of sensor B.		
	Is the bathroom door open?	When the bathroom door is open, the sensor may detect a person passing by.	Keep the bathroom door closed.		
Lid closes unexpectedly	Push Auto OFF ] ?	[Displays [ON OFF]] Auto open/close is set to ON. If it is difficult for seat sensor B to detect	Seat sensor B may not detect a person when it is obstructed, dirty or wet. Make sure the seat sensor is unobstructed, clean and dry.  Page 10, 17, 26		
		a person, then the lid may close even if a person has approached the NEOREST.	The seat sensor A may not detect a person because of the way they are seated, their clothing color or alothing material. Sit futher back on the seat or lift you clothing to expose skin to the sensor.		

Unexpected action - Auto Flushing				
Problem	Check	Result (cause)	Solution	
	3	[Displays [ON OFF]]  If it is difficult for seat sensor A to detect a person, the auto flush mayactivate while the NEOREST is in use.	When a person lifts thier body or bends down while using the toilet bowl, the sensor may not detect them. Sit properly on the NEOREST.	
Auto flushing is occuring at odd times			The seat sensor A may not detect a person because of the way they are seated, their clothing color or alothing material. Sit futher back on the seat or lift you clothing to expose skin to the sensor.  Page 17	
		[Displays ON OFF] The remote control batteries have been replaced recently.	Auto flush returns to its default setting of ON when the batteries are replaced or taken out. Set the auto flush to OFF if it is the user's preference	
Auto flushing occurs before its supposed to	Is POWER light on?	[Flashing] Antifreeze function is set to ON	If the antifreeze mode is set to ON, the NEOREST will automatically flush every 10 minutes. If the antifreeze mode is unnecessary, please turn it OFF.  Page 47, 48	

Other problems				
Problem	Check	Result (cause)	Solution	
		Is the water shutoff valve closed?	Open the water shutoff valve completely. Page 15	
Weak flush	Is the flush weak?	Is the water supply filter blocked?	Clean the water supply filter Page 43, 44	
		When using water in other places, does the water pressure drop?	Stop using water in other places (such as sinks or showers), then try flushing the NEOREST again.	
The flush is not		The water supply to the NEOREST is inadequate.	Open the water shutoff valve completely. Page 15	
clearing the bowl.			Water supply filter is blocked. Clean the water supply filter.  Page 43, 44	
The pipe connector has a leak	Is the connection loose?	-	Fasten the nut with a monkey wrench.  If the problem still exists, close the water shutoff valve and repair it.	
There is a noise when someone takes a seat on the NEOREST	Is it part of normal function?	[Yes]	When a person sits down, water will flow out of the nozzle for several seconds to clear out any cold water.  Page 16	
Soft light will not come on	Is the soft light set to OFF?	[Yes]	Enable the soft light to ON. Page 22, 23	
The dryer cover will not be close	-	If the cover has been opened manually, it will not close by itself.	Detach and re-insert the power plug.	

# **Specifications**

	_	Trans.		Osutanta		
	Item			Contents		
Po	Power supply			AC120V 60Hz		
Po	ower usage	)		1284W		
Av	erage Powe	er Consump	otion per hour *1	21Wh		
Co	ord length			3.2 ft. (1.0m)		
¥	Flush volu	ıme		Full 1.6 gal (6L) Light 1.05gal (4L)		
BOWL	Water supp	ly system		Direct connection to city water tap		
H	Flush type	9		"Cyclone" (Siphon type)		
글	Bowl style	)		Elongated		
2	Antifreeze	Flushing system	Flushing vol.			
		Constanting	Rear	About 0.07~0.11gal/min(0.27~0.43L/min) @29 PSI (0.2MPa)		
		Spraying volume	Soft	About 0.07~0.11gal/min(0.27~0.43L/min) @29 PSI (0.2MPa)		
	Cleansing		Front	About 0.08~0.11gal/min(0.29~0.43L/min) @29 PSI (0.2MPa)		
	Cleansing	Water temperature		Range approximately 86°~104°F (30°~40°C)		
_		Heater Power consumption		,		
REST		Safety		Temp fuse, Overheat breaker (auto recovery bimetal) · non-load proof float switch		
8		Temperatu	ire *2	Range about 104°~138°F (40°~59°C)		
当	Warm air	Volume		10.6 ft <sup>3</sup> /min (0.30m <sup>3</sup> /min)		
		Capacity		350W		
		Safety		Temp fuse		
		Surface te	mperature	Range approx. 82~97°F (28~36°C) approx. auto saver 79°F (26°C)		
	Heater	Heater Ca	pacity	50W		
		Safety		Temp fuse		
\//	Water supply pressure			Min 10PSI (0.07MPa) flowing @ 5.3gal/min (20L/min)		
				Max 108PSI (0.75MPa) static		
		temperatur	е	32°~95°F (0~35°C)		
	mbient tem	perature		32°~104°F (0~40°C)		
	ze			W 1.3ft. (389mm) L 2.1ft. (655mm) H 1.8ft. (542mm)		
W	Weight			82.7lb (37.5kg) Top unit 16.3lb (7.5kg), Bowl 66.1lb (30kg)		

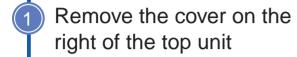
<sup>\*1</sup> Measuring conditions: The figures shown above are the result of calculation in term of the annual average energy saving mode, 4 persons family (2M, 2F), 12 uses per day, @ room temperature 59°F (15°C) water temperature 59°F (15°C). As for timer saver , the average time of use set by timer in a family is calculated in terms of usage rate.
\*2 Temperature at our measuring point near the warm air outlet

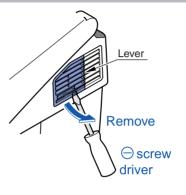
# Replacing the deodorizer cartridge

If there is still an odor after you have cleaned the deodorizer filter, replace the deodorizer cartridge

Replace

# Remove the deodorizer cartridge



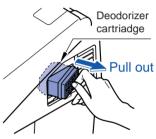




2

# Hold the deodorizer cartridge by its flap and pull it out

- If black powder from the deodorizer cartridge, gets on your hand, wash your hand immediately.
- It may cause skin or eye irritation.

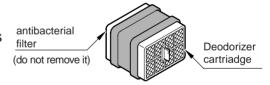


# 2 : Install the deodorizer cartridge

Install the new deodorizer cartridge

Install it in the reverse order of previous instructions

- Insert the cartridge firmly in its original place.
- Please don't remove the antibacterial filter.





# Install the cover

- 1 Insert the the cover flap into its slot on the top unit
- Push the cover till you hear a CLICK sound
- Push in the 2 places shown to install the cover.
- Confirm that the cover is flush with out from the top unit.





# Limited Warranty

### Three Year Limited Warranty.

- 1. TOTO® warrants its Neorest® brand product ("Product") to be free from defects in materials and workmanship during normal use when properly installed and serviced, for a period of three (3) years from date of purchase. This limited warranty is extended only to the ORIGINAL PURCHASER of the Product and is not transferable to any third party, including but not limited to any subsequent purchaser or owner of the Product. This warranty applies only to TOTO Product purchased and installed in North, Central and South America.
- 2. TOTO's obligations under this warranty are limited to repair, replacement or other appropriate adjustment, at TOTO's option, of the Product or parts found to be defective in normal use, provided that such Product was properly installed, used and serviced in accordance with instructions. TOTO reserves the right to make such inspections as may be necessary in order to determine the cause of the defect. TOTO will not charge for labor or parts in connection with warranty repairs or replacements. TOTO is not responsible for the cost of removal, return and/or reinstallation of the Product.
- 3. This warranty does not apply to the following items:
  - a) Damage or loss sustained in a natural calamity such as fire, earthquake, flood, thunder, electrical storm, etc.
  - b) Damage or loss resulting from any accident, unreasonable use, misuse, abuse, negligence, or improper care, cleaning, or maintenance of the Product.
  - c) Damage or loss resulting from sediments or foreign matter contained in a water system.
  - d) Damage or loss resulting from improper installation or from installation of the Product in a harsh and/or hazardous environment, or improper removal, repair or modification of the Product. This includes locations where the water pressure is above local codes or standards. (NOTE: Product model codes allow a maximum of 80 PSI. Check local codes or standards for requirements).
  - e) Damage or loss resulting from electrical surges or lightning strikes or other acts which are not the fault of TOTO or which the Product is not specified to tolerate.
  - f) Damage or loss resulting from normal and customary wear and tear, such as gloss reduction, scratching or fading over time due to use, cleaning practices or water or atmospheric conditions, including but not limited to, the use of bleach, alkali, acid cleaners, dry (powder) cleaners or any other abrasive cleaners or the use of metal or nylon scrubbers.
- 4. If the Danger Label which has been placed over the seams on the back of the Product's top unit is broken or otherwise not intact, this limited warranty is void.
- 5. In order for this limited warranty to be valid, proof of purchase is required. TOTO encourages warranty registration upon purchase to create a record of Product ownership at http://www.totousa.com. Product registration is completely voluntary and failure to register will not diminish your limited warranty rights.
- 6. If the Product is used commercially or is installed outside of North, Central or South America, TOTO warrants the Product to be free from defects in materials and workmanship during normal use for one (1) year from the date of installation of the Product, and all other terms of this warranty shall be applicable except the duration of the warranty
- 7. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE, PROVINCE TO PROVINCE OR COUNTRY TO COUNTRY.
- 8. To obtain warranty repair service under this warranty, you must take the Product or deliver it prepaid to a TOTO service facility together with proof of purchase (original sales receipt) and a letter stating the problem, or contact a TOTO distributor or products service contractor, or write directly to TOTO U.S.A., INC., 1155 Southern Road, Morrow, GA 30260 (888) 295 8134 or (678) 466-1300, if outside the U.S.A. If, because of the size of the Product or nature of the defect, the Product cannot be returned to TOTO, receipt by TOTO of written notice of the defect together with proof of purchase (original sales receipt) shall constitute delivery. In such case, TOTO may choose to repair the Product at the purchaser's location or pay to transport the Product to a service facility.

WARNING! TOTO shall not be responsible or liable for any failure of, or damage to, this Product caused by either chloramines in the treatment of public water supply or cleaners containing chlorine (calcium hypochlorite). NOTE: The use of a high concentrate chlorine or chlorine related products can seriously damage the fittings. This damage can cause leakage and serious property damage.

THIS WRITTEN WARRANTY IS THE ONLY WARRANTY MADE BY TOTO. REPAIR, REPLACEMENT OR OTHER APPROPRIATE ADJUSTMENT AS PROVIDED UNDER THIS WARRANTY SHALL BE THE EXCLUSIVE REMEDY AVAILABLE TO THE ORIGINAL PURCHASER. TOTO SHALL NOT BE RESPONSIBLE FOR LOSS OF THE PRODUCT OR FOR OTHER INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OR EXPENSES INCURRED BY THE ORIGINAL PURCHASER, OR FOR LABOR OR OTHER COSTS DUE TO INSTALLATION OR REMOVAL, OR COSTS OF REPAIRS BY OTHERS, OR FOR ANY OTHER EXPENSE NOT SPECIFICALLY STATED ABOVE. IN NO EVENT WILL TOTO'S RESPONSIBILITY EXCEED THE PURCHASE PRICE OF THE PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTIES, INCLUDING THAT OF MERCHANTABILITY OR FITNESS FOR USE OR FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION AND EXCLUSION MAY NOT APPLY TO YOU.

# **Notes**

# **Notes**



1155 Southern Road Morrow, GA 30260 (770) 282 8686

For your safety, be sure to inspect your NEOREST 550 occasionally.

- Is the power plug abnormally hot?
- Is the power plug covered with dust?
- Is the outlet loose?
- Is your NEOREST 550 operating differently than usual?
- \* In case anything is abnormal, contact TOTO USA to prevent a fire or an electrical shock.