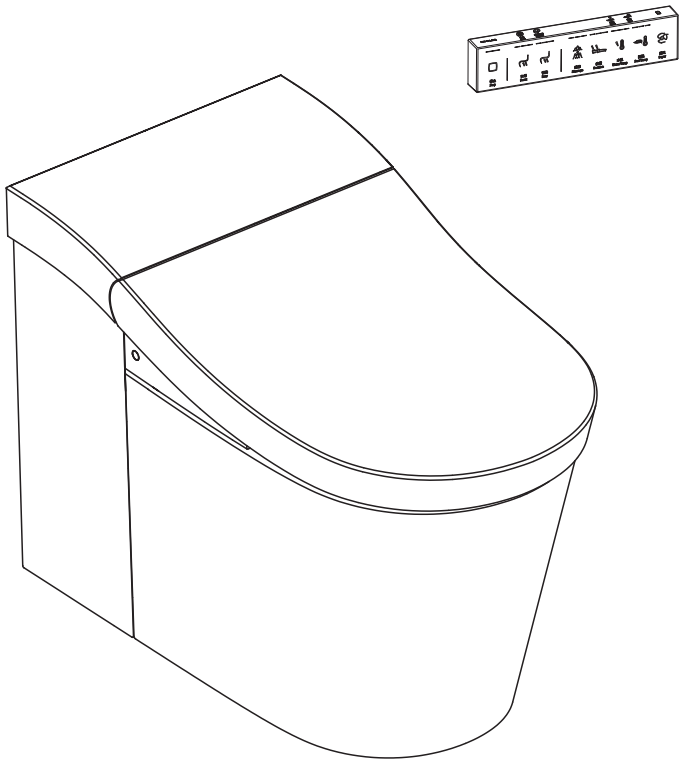
Homeowners Guide

用户手册

INNATE INTELLIGENT TOILET

星朗智能座便器



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THE BOLD LOOK OF KOHLER®

Thank You For Choosing Kohler Company

Thank you for choosing a Kohler product. Kohler craftsmanship offers you a rare combination of proven performance and graceful sophistication that will satisfy you for years to come. The dependability and beauty of your Kohler product will surpass your highest expectations. We are very proud of our products here at Kohler and we know you will be too.

Please take a few minutes to study this Homeowners Guide. Pay special attention to the care and cleaning instructions.

All information in this manual is based upon the latest product information available at the time of publication. At Kohler, we constantly strive to improve the quality of our products. We reserve the right to make changes in product characteristics, packaging or availability at any time without notice.

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Cautions and Warnings

Please read the cautions and warning carefully and observe accordingly.

⚠ **Warning:** any misuse from ignoring the content of this label may cause serious injury or death.

⚠ **Note:** any misuse from ignoring the content of this label may cause personal injury or product damage.

⚠ Warning

- ☐ This product must be installed safely. Connect only to dedicated 220V~, 50Hz , 10A circuit protected by Ground-Fault Circuit-Interrupters (GFCI's) or Earth-Leakage Circuit-Breakers (ELCB's).
- ☐ The installation should be subject to the instructions before the power is connected.
- ☐ **Do not use any hard setting material (cement mortar) while installing the toilet.** Thermal expansion of hard setting material (cement mortar) will damage or crash the feet of toilet. Kohler will not be responsible for any damage because of using hard setting material (cement mortar) for toilet installation.
- ☐ **Risk of product damage.** Do not throw into the toilet what that will cause the toilet to block such as newspapers and sanitary towel. Do not bump the vitreous china with great force as it will cause damage and leaking.
- ☐ **Risk of electric shock or product damage.** Do not immerse the product into water.
- ☐ **Risk of product damage.** The power shall not be connected before the work is finished. Otherwise it may lead to product failure.
- ☐ When an electrical product is used, especially when children are near, the following basic safety precautions shall be followed:

  Danger-Reduce risk from electric shock:

  - Do not place or store this device where it can fall or be dropped into a bath or sink.
  - Do not place in or drop into water or other liquid.
  - Do not make any contact with the product drop into the water, unplug immediately.
- ☐ Do not operate this device if following occasions occurred: damaged cord or plug; if it is not working properly or if it has been dropped into water.
- ☐ Keep power cord far from heated surface.
- ☐ Prevent water splash on power plug.
- ☐ In case the power cord is damaged; to avoid danger, product should be replaced by the manufacturer or the professionals from its maintenance department or similar departments.

⚠ Note

- ☐ **Risk of product damage.** Do not install at a place where it may be splashed by water.
- ☐ **Risk of product damage.** Do not install the product at a place with excessive humidity, where moisture may condense at the surface of the product. Please maintain that the usage environment is under adequate ventilation, so as to prevent damage to electronic components.
- ☐ **Risk of product damage or property loss.** Water leakage may happen if the water pipe connector is pulled or pressed with excessive force.
- ☐ **Risk of product damage.** The product may be damaged if the nozzle is applied with excessive force.
- ☐ **Risk of product damage.** The part of the pipe where water may be frozen should be protected by thermal insulation. Any water left in the product may be frozen during the winter season. Please keep the product in room temperature before reinstallation or usage.
- ☐ The thermal protector may be out of order during storage or transportation in warm climate which can lead to product failure. Please ensure the product cools to room temperature before reinstallation or usage.

Cautions and warning (cont.)

WARNING - To reduce the risk of low grade burns, electric shock, fire or injury to persons:

- Children, elders or those with disabilities from their body, sensitivity or mental disabilities or lacking of common sense should not use or get close to this product unless under close tutelage. Children are not allowed to use or touch this product. Do not leave children alone in a room with such product.
- For those children and the elderly who are unable to adjust the temperature, they should ask for help to adjust seat temp, water temp and wind temp of toilet cover to proper gears.
- Prevent any exposed skin contact with heated seat too long to prevent low temperature burning.

☐ This device complies with the method described in the manual. Do not use attachments not recommended by Kohler Co.

☐ Do not lean on cover when use this device to prevent product from damage.

☐ Following the installation procedure and install the product properly.

☐ This product shall be repaired by professionals only. The warranty will become invalid if you try to repair this product by yourself.

☐ When install the product in the room, a stop valve shall be installed in a close proximity. For emergency circumstances, the water inlet valve shall be stopped without using any tools; otherwise unexpected failure may cause the loss to the customer.

☐ Do not drop or insert any substance to pipeline or any opening holes.

☐ Do not use this product outdoor or in a place where a particle mist spray device is used, neither at a place using oxygen supply.

☐ UV sterilization devices should be installed and maintained by qualified servicemen.

☐ Please use the water supply hose accompanying with new machine. The old hose assembly shall not be used again.

☐ When user cut power supply off, if reactivation of power supply is required, please wait until the end of "beep……" indication, and then turn on power supply again.

☐ Stop using product if any of the circumstances observed below. Shut power off and stop water inlet valve immediately.

- Water hose and internal water leak from inside out.
- When product is cracked or damaged.
- When abnormal sound or obvious odour appears.
- Product smokes.
- Abnormal product heating problem.

☐ Do not charge non-rechargeable battery.

☐ For chargeable battery, remove battery from appliance before charging.

☐ Remove used battery from appliance and dispose properly.

☐ Remove battery if appliance is going to store for a long term.

☐ No short circuit on power supply terminal.

☐ Prevent remote control from splash water.

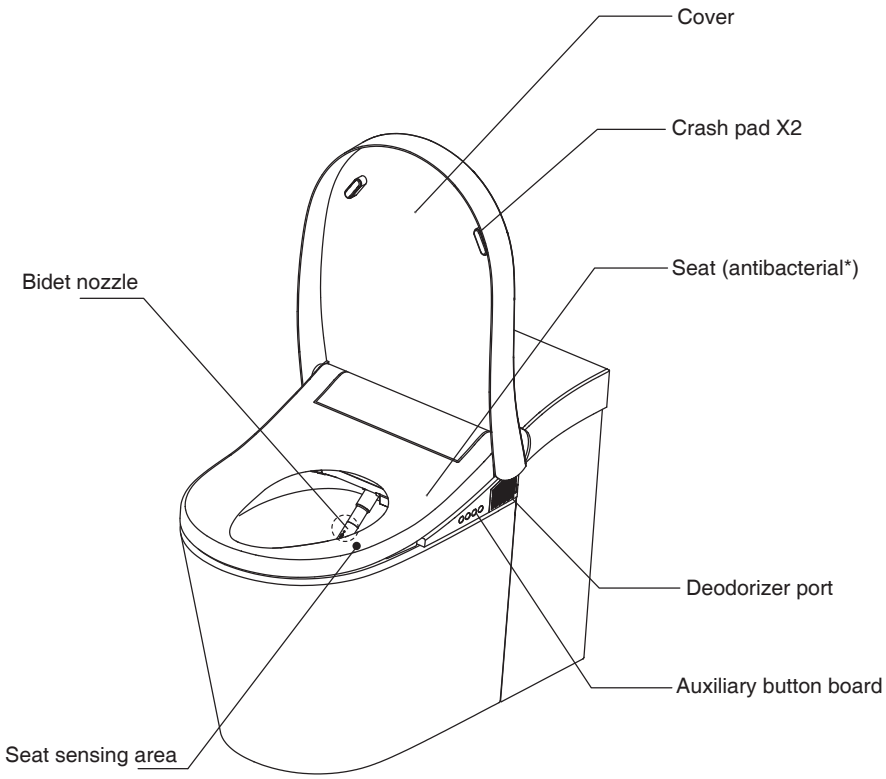
Specification

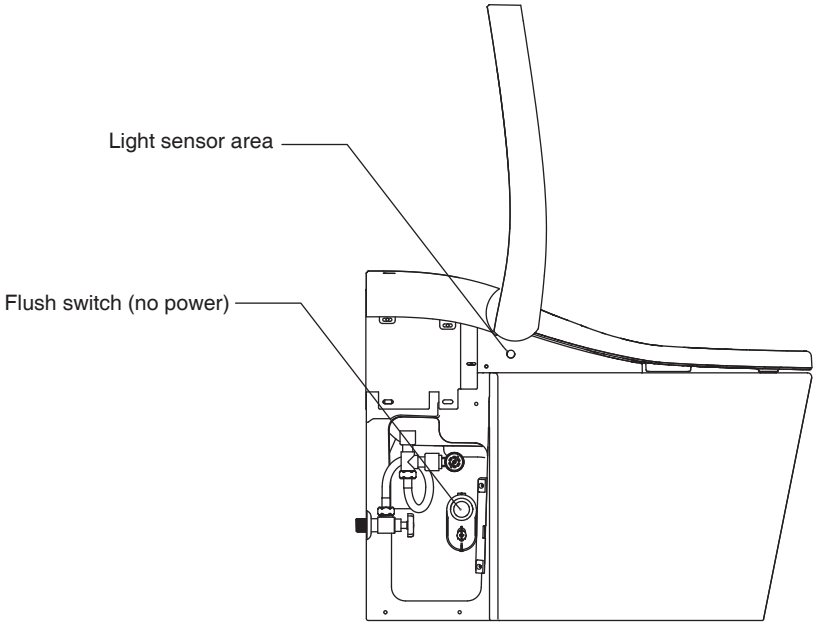
Water consumption			5.5L
Water efficiency grade			Level Ⅲ
Pit distance			305/400mm
Water pressure			Min inlet water pressure 0.07Mpa (dynamic) Max inlet water pressure 0.74Mpa
Rated voltage			220V~, 50Hz
Rated power*			1100W
Max instantaneous power			About 1600W
Power cord length (with power cord version)			Chinese version about 1.5m
Product Outline dimension			About 720mm x 432mm x 550mm
Product weight			About 51kg
Inlet water temp			1-35℃
Ambient temp			1-40℃
Clean	Rear Wash		YES, adjustable
	Front Wash		YES, adjustable
	Water flow (water pressure 0.2Mpa)		Max rear wash shall be no less than 500mL/min
	Adjust clean water temp		OFF, adjustable 3 dials (ambient temp, about 31-39℃)
	Cleaning time (max.)		About 300s
	Nozzle position adjustment		3 dials
	Pulsate massage		ON/OFF
	Oscillate		ON/OFF
	Safety device	Water overtemp protection	Thermal fuse
		Backflow prevention	Check valve
Comfort	Seat temp preservation	Temp adjustment	OFF, adjustable 3 dials
		Safety device	Thermal fuse
	Cover		Auto OPEN/CLOSE, slow swing, remote OPEN/CLOSE
	Seat		Slow swing, remote OPEN/CLOSE
	Dryer	Dryer funciton	Yes
		Safety device	Thermal fuse
	Deodorizer function		Yes
	Remote		Yes, function setting refers to Page 9-10
Sanitation	Nozzle self-clean		Yes
	Antibacterial material		Cover
	UV sanitizing		Yes
Other function	Other safety devices		Circuit breaker
	Auxiliary buttonboard		Yes
	Seating detection		Located inside the seat
	Night light		Yes
	Auto cover OPEN/CLOSE		Microwave sensing
	Manual flush		Yes
	IOT function		For partial models (Refer to product configuration table)

* Power value testing condition: dynamic pressure 0.2Mpa, inlet water temp 15℃.

The above parameters are for the full-functional version. For differences in the specifications of models, refer to their product configuration matrix.

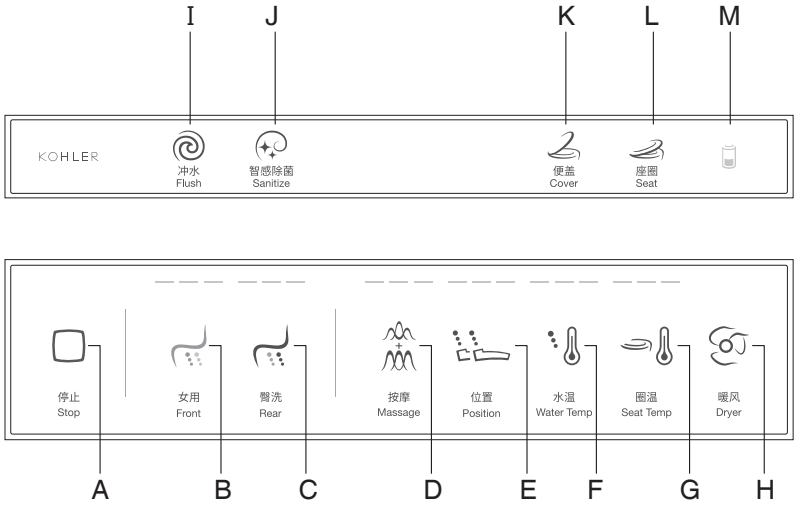
Overall diagram





* Antibacterial: the seat contains long term inorganic anti-bacteria material which will inhibit bacteria growth on surface, this does not represent the mildew and other incidental effects. The antibacterial rate is more than 90%. (Perform test in accordance with GB21551.2-2010 requirements. Testing lab: China household electrical appliances testing institute; electromechanical products testing technology center of Shanghai Entry-Exit inspection and quarantine bureau.)

Guide on usage of remote controller



Note: Remove remote control from bracket before operation so to prevent risk of falling (non anti-thief installation)

A – Stop
- Press this button to stop the Front Wash, Rear Wash, Dryer and Manual Nozzle Clean or UV function.

B – Front Wash
- When being seated, press this button to start Front Wash, then auto stop after 5min or press STOP button to turn off immediately.

C – Rear Wash
- When being seated, press this button to start Rear Wash, then auto stop after 5min or press STOP button to turn off immediately.

D – Massage
- Press this button to start pulsation, press again to start oscillate; press this button the third time to start pulsation and oscillation; press this button the fourth time to exit massage function (when starts corresponding function, indicating LED will light up).

E – Position
- Press this button to adjust wand position. There are 3 dials for wand position setting.
- When unseated, hold and press this button to activate wand clean position setup mode, position icon blinks slowly. Press and hold position icon to switch setting per extension and retraction circulation.

  1. When position icon indicating LED lights up, indicates wand extended.
  2. When position icon indicating LED light OFF, indicates wand retracted.

  The function is used for nozzle manual clean. Press Stop button or hold and press Position button to stop this function.

F – Water temperature
- Press this button to adjust water temp (4 dials for water temperature, back to ambient temp when all indicating LED lights OFF).

G – Seat temperature
- Press this button to adjust seat temp dial, adjust seat heating temperature (4 dials for water temperature, back to ambient temp when all indicating LED lights OFF).

H – Dryer
- When being seated, press this button to start dryer function, auto stops after 4min or press STOP button to turn off immediately.

I – Flush
- Press this button to clean the toilet bowl.

J – Intelligent sterilization
- Press this button for overall cleaning (Note: when process this function, cover and seat OPEN/CLOSE shall be controlled by remote. When being seated, the function will be disabled).

K – Cover
- When unseated, press this button to perform Cover OPEN/CLOSE action.

L – Seat
- When unseated, press this button to perform Seat OPEN/CLOSE action.

Low voltage alarm

Note: please replace battery in time when the voltage alarm starts.

- When M battery alarm icon blinks indicate remote battery is almost used up. Replace battery is required.

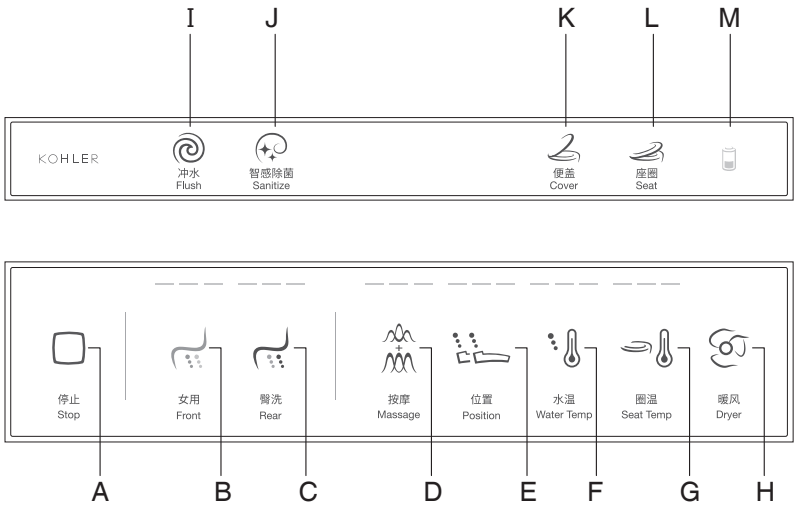
Pairing

- When cover and seat is powered on, long press dryer button, when all lights quick blinks twice, dryer light blinks slowly. Long press Front and Rear Wash buttons both on side panel simultaneously in 20s, release button until one short beep is generated. When light strip stops blinking indicates pairing is successful.

Communication between remote control and toilet

- When remote moves away from sensing zone, press any button, all light strip will blinks slowly, starts searching connection. After successful connection, it will stop blinking.

Remote controller setting guide



Note: Normal function will not be used when initiate any long press setting.

Keep pressing the key until a short pip is heard, and release the key only after the night lamp flickers for three times. Then change the setting of B/D/G/I/J/K/L by the following requirements.

B – Front Wash…night light setting

- Long press this button to start night light setting mode, Front Wash icon blinks slowly; press Front Wash icon to change setting per activation or deactivation circulation.
  1. When Front Wash indicating LED lights up, indicates night light starts. Toilet generates one short beep.
  2. When Front Wash indicating LED lights OFF, indicates night light stops. Toilet generates one long beep.

D – Massage…prolonged seating indication setting

- Press and hold this button to enter prolonged seating indication setting, massage icon starts blinking slowly. Press massage icon for different setting per activate or deactivate circulation.
  1. When massage indicating LED lights up, indicates prolonged seating indication function starts. Toilet generates one short beep.
  2. When massage indicating LED lights OFF, indicates prolonged seating indication function stops. Toilet generates one long beep.

G – Ring temp … energy saving setting

- Long press this button to start energy saving setting, seat temp icon blinks slowly. Press seat temp icon again to change per starts and stops circulation.
  1. When Seat Temp indicating LED lights up, indicates energy saving function starts. Toilet generates one short beep.
  2. When seat temp indicating LED lights OFF, indicates energy saving function stops. Toilet generates one long beep.

I – Flush…auto flush setting

- Long press this button to start auto flush setting mode, Flush icon blinks slowly. Press flush icon to change setting per activation or deactivation circulation.
  1. When Rear Wash indicating LED lights up, indicates auto flush function starts. Toilet generates one short beep.
  2. When Rear Wash indicating LED lights OFF, indicates auto flush function stops. Toilet generates one long beep.

J – Intelligent sterilization…Auto UV sterilization setting

- Long press this button to start auto UV sterilization function setting mode, intelligent sterilization icon blinks slowly. Press intelligent sterilization icon to change setting per activation or deactivation circulation.
  1. When water temp indicating LED lights up, indicates auto UV sterilization function starts. Toilet generates one short beep.
  2. When water temp indicating LED lights OFF, indicates auto UV sterilization function stops. Toilet generates one long beep.

K – Cover…auto cover OPEN and sensing distance setting

- Long press this button to start auto cover OPEN and sensing distance setting mode; cover icon blinks slowly. Press cover icon again to change setting per OFF, near, mid, far, OFF, near ……circulation.
  1. When massage indicating LED lights OFF, indicates auto cover OPEN function stops. Toilet generates one long beep.
  2. When massage indicating LED 1 lights up, indicates auto cover near distance function starts. Toilet generates one short beep.
  3. When massage indicating LED 2 lights up, indicates auto cover mid distance function starts. Toilet generates one short beep.
  4. When massage indicating LED 3 lights up, indicates auto cover far distance function starts. Toilet generates one short beep.

L – Seat …auto deodorizer setting

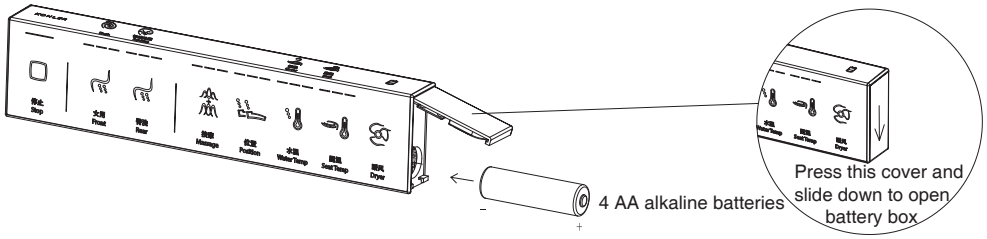
- Long press this button to start auto deodorizer setting mode, seat icon blinks slowly. Press seat icon again to change setting per activation or deactivation circulation.
  1. When position indicating LED lights up, indicates auto deodorizer function starts. Toilet generates one short beep.
  2. When position indicating LED lights OFF, indicates auto deodorizer function stops. Toilet generates one long beep.

Note: long press function button to setup functions, the toilet will exit function setting when customer does not have any action or press any key within 10s.

Remote controller battery usage and replacement

- Remote docking station uses four AA alkaline batteries.
- When battery is low, remote red LED blinks and lights up, indicates the replacement of battery.
- Note:
  1. The +/- polarities of battery must be consistent with the mark of remote controller.
  2. Do not mix new and old batteries.
  3. Please use alkaline battery.



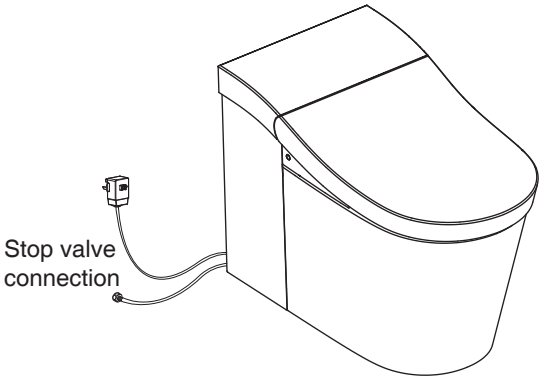


Place 4 AA alkaline batteries in per "+/-"indication as shown

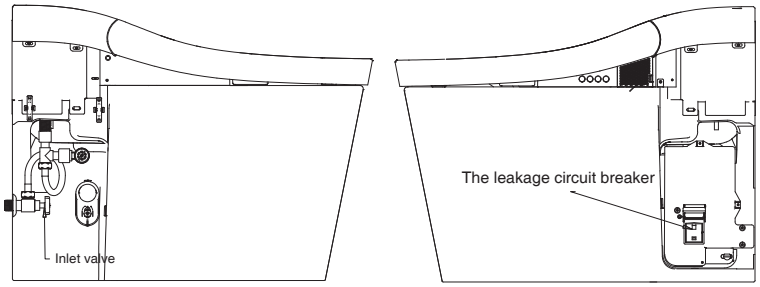
Others

- □ Prevent liquid from spraying the remote or do not soak remote into the liquid.
- □ Do not place remote around the small household appliances, such as hand dryer or hair dryer etc. to prevent remote from interference.
- □ Do not apply frequent and violent external force on remote buttons.
- □ Place remote back to docking station on the wall after usage.
- □ Prevent remote from dropping in the process of use.
- □ Anti-loss function: secure remote with base by screws, specific method refers to installation guide.

Preparations before the initial use



Trade edition



Concealed version

Trade edition: connect water supply and plug into the socket.

Concealed version: confirm water intake valve is open and circuit breaker switch is open.

□ Confirm if water inlet valve and power is ON.

□ Confirm battery has been correctly installed in the “remote”.

□ Confirm no obstacle in front of the product.

□ After toilet complete self check, it is normal to hear motor rotating and water flow noise. When night light blinks indicates self-check is in process.

□ Default ex-work status for initial use:

Front Wash:
- Water temp: mid
- Water flow intensity: mid
- Ejection position: mid
- Pulsation mode: OFF

Rear Wash:
- Water temp: mid
- Water flow intensity: mid
- Ejection position: mid
- Pulsation mode: OFF

Seat temp: mid
Night light: ON
Auto energy saving: OFF
Auto cover open: ON
Microwave detection distance: mid
Auto flush function: ON
Auto UV function: ON
Auto deodorizer function: ON
Standby mode: OFF
Prolonged seating indication function: OFF

The above settings are for the full-functional version. For differences in the specifications of models, refer to their product configuration matrix.

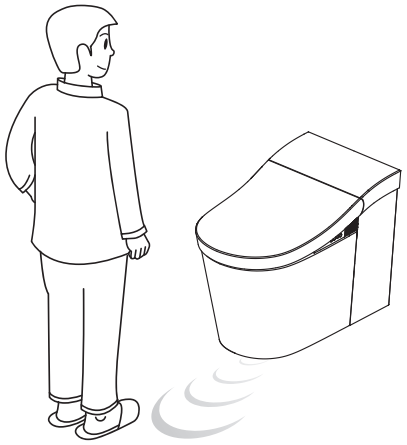
Cover/seat OPEN/CLOSE function

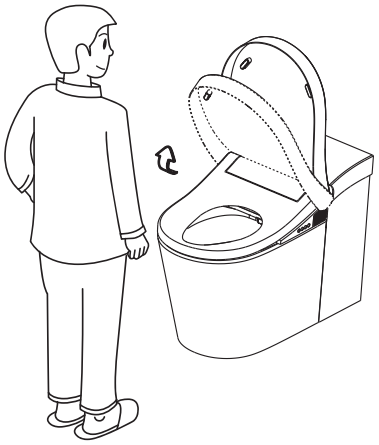
A. Cover OPEN/CLOSE

- Auto cover OPEN, CLOSE

When cover is CLOSE, user enters sensor area, cover auto open.

When cover is OPEN, user leave sensor area, cover auto close after a period of time.



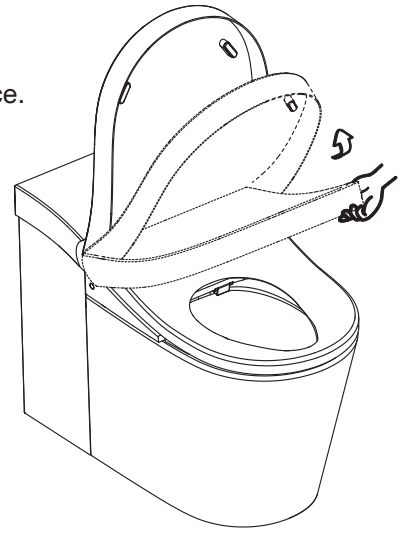


- Cover OPEN and CLOSE by remote

When unseated, press seat OPEN/CLOSE button on remote, perform corresponding OPEN/CLOSE function (details are shown in the diagram of remote control). When seated, press remote button will be invalid.

- Manual cover OPEN and CLOSE

User could manually OPEN/CLOSE cover. When users intend to open or close the cover under normal condition, the cover can open or close automatically against the trend of motion. Users will not have to use force. Once being stopped by any obstacle during motion, the cover will automatically stop moving.



Attention:

1. When customer enters sensing zone slowly, cover OPEN/CLOSE sensing distance might be shortened. If there's no response, OPEN/CLOSE cover by remote or by manual mode.
2. Auto cover OPEN/CLOSE function will be valid when remote "cover OPEN/CLOSE" function set to "ON" (setting method refer to page 10).
3. Do not place any moving obstacle 70cm in front of toilet tip, if there is one, cover might auto open. Refer to page 10 to exit auto cover OPEN/CLOSE function.
4. When open cover, auto spray water mist so the dirt is not easy to stick on the toilet.

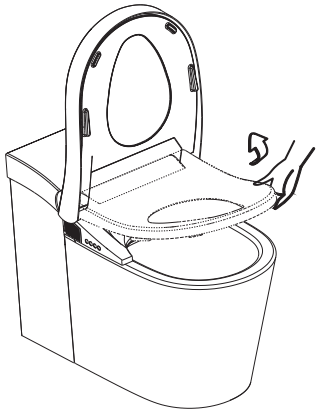
B. Seat OPEN/CLOSE

- Seat OPEN and CLOSE by remote

When unseated, press seat OPEN/CLOSE button on remote, perform corresponding OPEN/CLOSE function (details are shown in the diagram of remote control). When being seated, press remote button will be invalid.

- Manual seat OPEN

User could manual OPEN/CLOSE seat. When users intend to open or close the seat under normal condition, the seat can open or close automatically against the trend of motion. Users will not have to use force. Once being stopped by any obstacle during motion, the seat will automatically stop moving.



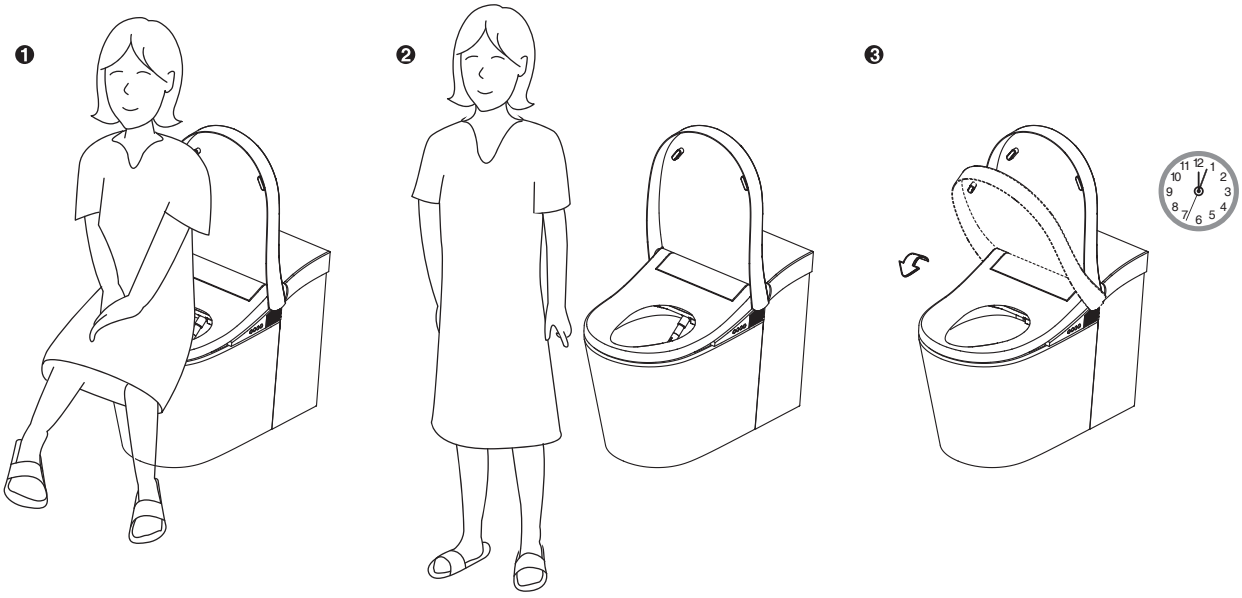
Note:
Do not use excessive force etc. human related factor when open/close the cover/seat during cover/seat open/close process.

Flushing your toilet

A. Auto flush function

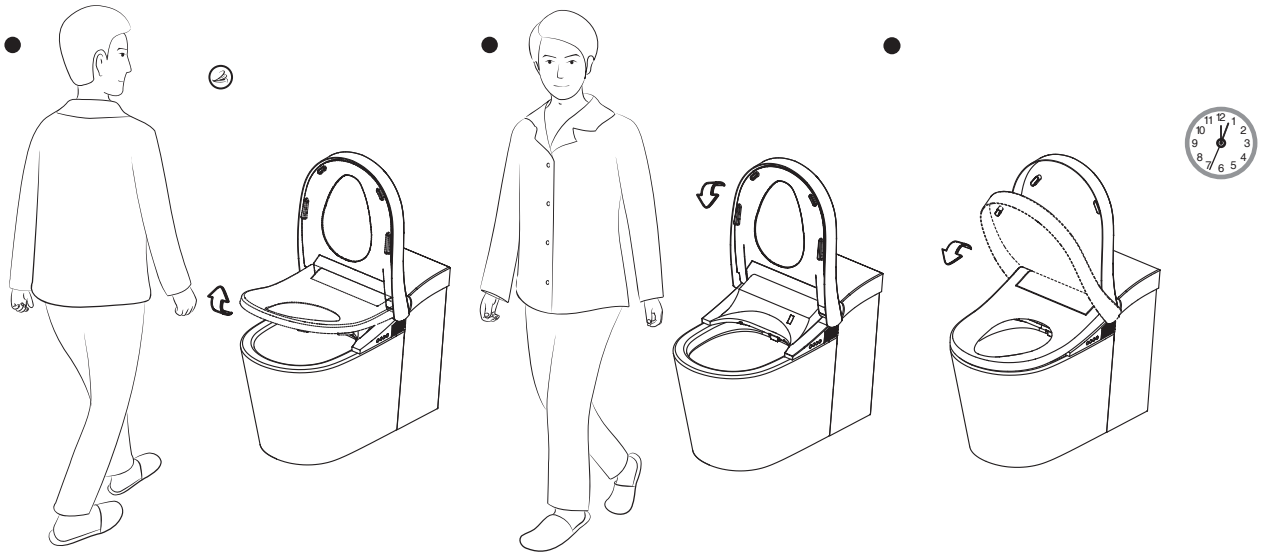
a) Seat usage

When cover is OPEN and toilet is in use. Toilet will auto flush after unseated for a certain time. Close seat within a period of time.



b) For male use

When cover is OPEN and toilet is in use, Toilet will auto flush after unseated for a certain time. Auto close seat/cover after a period of time.



Note:

1. If auto flush function is OFF, customer shall use remote to control flush, manual flush toilet or use basin to flush the toilet.
2. Auto flush function shall not be valid unless remote “flush setting” set to ON (setting method refer to page 9).

B. Remote control flush

Customer shall press flush button on remote to perform toilet flush function.

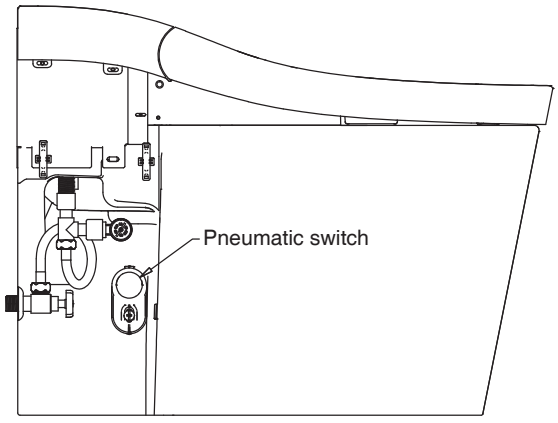
Note: remote flush function shall not perform second auto flush within 60s.

C. Press side panel to flush the toilet

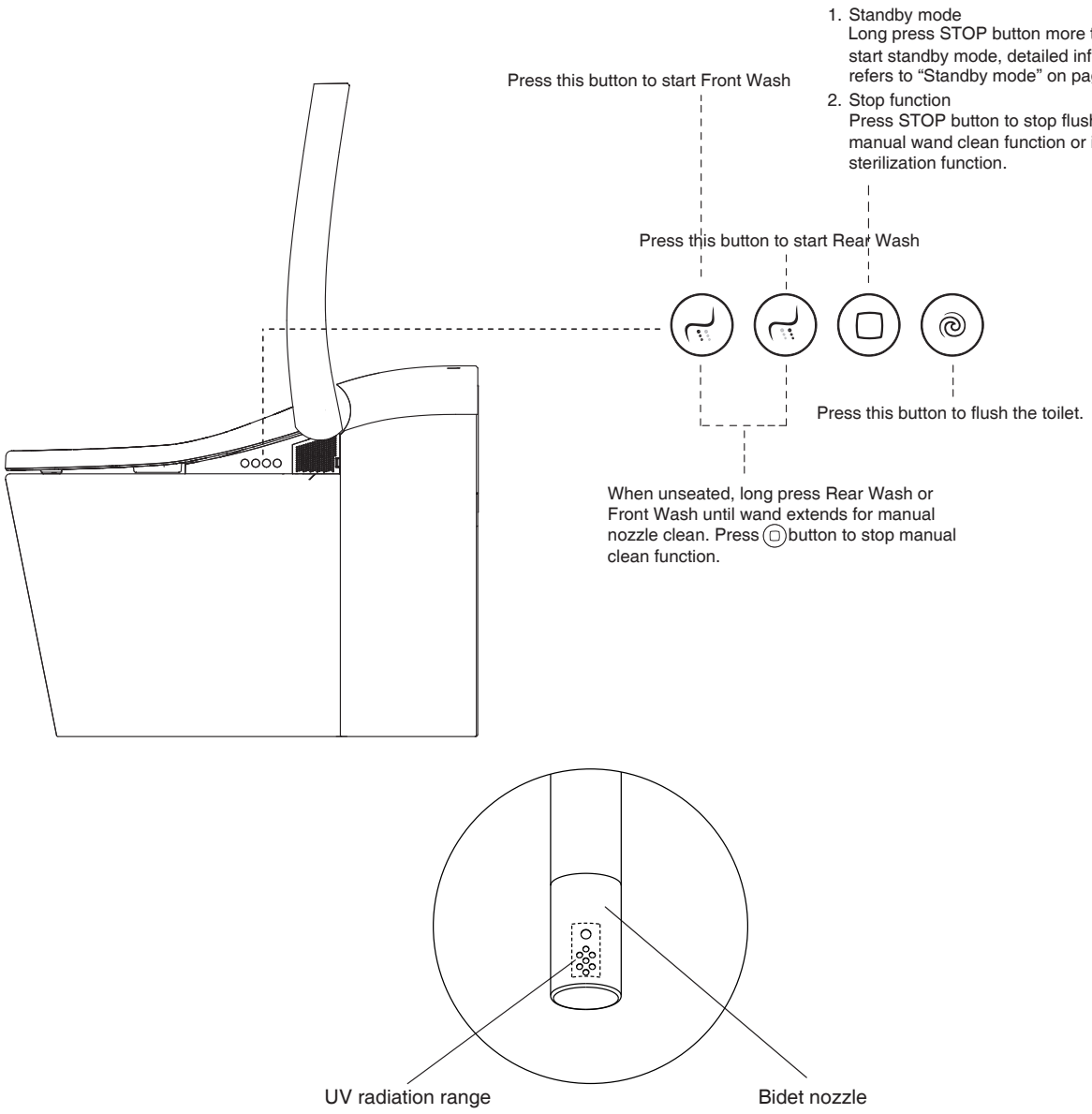
Customer could press flush button on side panel to flush the toilet.

D. Manual press to flush the toilet

Customer could open beauty cover on side panel to press the pneumatic switch as shown to flush the toilet when power is off.



Auxiliary keyboard function



Note:

1. All functions following factory default setting.
2. When use Front Wash /Rear Wash, start corresponding functions and auto stop after 5min.
3. When use dryer function starts, starts this function and auto stop after 4min.
4. Use STOP button to stop Front Wash/Rear Wash/Dryer Function.

Wide oscillate clean function

The toilet is equipped with wide oscillate clean function. If you would like to use wide oscillate function, long press Rear Wash + STOP button about 2s after starting Rear Wash + oscillate function.

Standby mode

1. Long press "⏻" button (over 2s) on side panel to start standby mode when the toilet generate one "beep". Auto detection and remote function stops at this point, so as IOT function (with IOT function). Seat heating function stops to minimize energy consumption.
2. When press any button on side panel or seated, auto exit standby mode, all function recovered.

UV sterilization function*

1. UV function is used to sterilize the nozzle by UV.
2. Auto UV sterilization
   - □ When toilet is not in use for a long time, auto UV sterilization function will start and begin to sterilize nozzle. No sterilization function shall be activated after this process in another 24hrs.
   - □ During UV sterilization process, if customer open cover and start use toilet, or presses STOP button on remote, UV sterilization function will be stopped.
   - □ Auto UV sterilization function setting refer on Page 9.
3. Manual UV sterilization
   - □ When unseated, press "Intelligent sterilization" button on remote to start UV sterilization function (details are shown in the diagram of remote control).
   - □ During sterilization process, if customer open cover and start use toilet, or presses STOP button on remote, UV sterilization function will stop.

* UV sterilization (refers to the ultraviolet sterilization generated by UV lamp): During UV working cycle, the bacteria on nozzle surface will be eliminated by irradiation. The antibacterial rate is more than 99%. (Measured after one UV working cycle, it was measured within 16mm×8mm irradiation area. Perform test in accordance with GB /T 23131 requirements, UV radiation zone was shown in the diagram, UV working cycle activation mode refers to users guide. Testing lab: China household electrical appliances testing institute.)

Automatic energy saving function

- When energy saving set to ON status, product shall auto detect the idle hours and decrease the heating temperature to reach of energy saving purpose.
- For details of automatic energy saving, refer to pages 10.

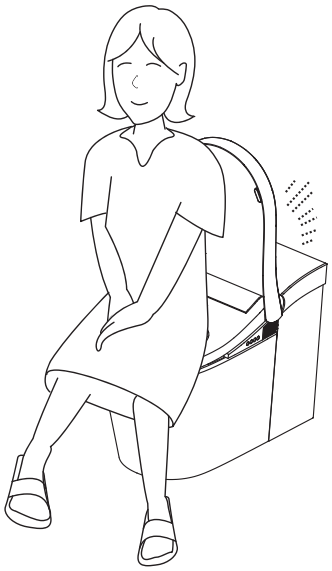
Deodorizer

When unseated, auto starts deodorizer function.

Prolonged seating indication

When customer sits on toilet over a long period of time, system shall alert customer by buzz.

System shall alert customer by buzz.



Maintenance and cleaning

A. Normal cleaning

For the best effect, remember the following rules during maintenance of your Kohler product:

Important! Do not flush the cover directly by water (including remote controller)



- Testing - apply cleaning solution at an inconspicuous place on lid for testing. Make sure the cleaning solution will not damage the outer surface of cover, and then apply it to the entire surface.
- Do not immerse in cleaning solution. Do not immerse the product in cleaning solution.
- Avoid using materials that will damage the surface-Clean the surface with a soft and wet sponge or cotton cloth, instead of materials that can damage the surface.
- Scrubbing - After adding the cleaner, use a wet towel to scrub the surface immediately to remove cleaner or dirt sprayed to the surface.

Cleaning the seat

- Do not use abrasive cleanser or sanitizer inside the spray tank for cleaning.

> Maintenance: In case of using a mixture of washing agent and water as well as any available solution for seat cleaning, use soft and wet sponge or towel to clean the seat. Use a soft towel to make the seat dry, or let it dry naturally.

- Corrosive chemicals or cosmetics (such as nail polish or aftershave) should not come in contact with these at as this will damage the surface.

Clean stainless steel beauty parts

- Clean surface with neutral soap water, then wipe entire surface with clean soft rag. Many detergents such as ammonia water, decontamination powder and detergent etc. will cause surface damage. Do not use.

Note: fail to observe cleaning instruction will void the Kohler warranty.

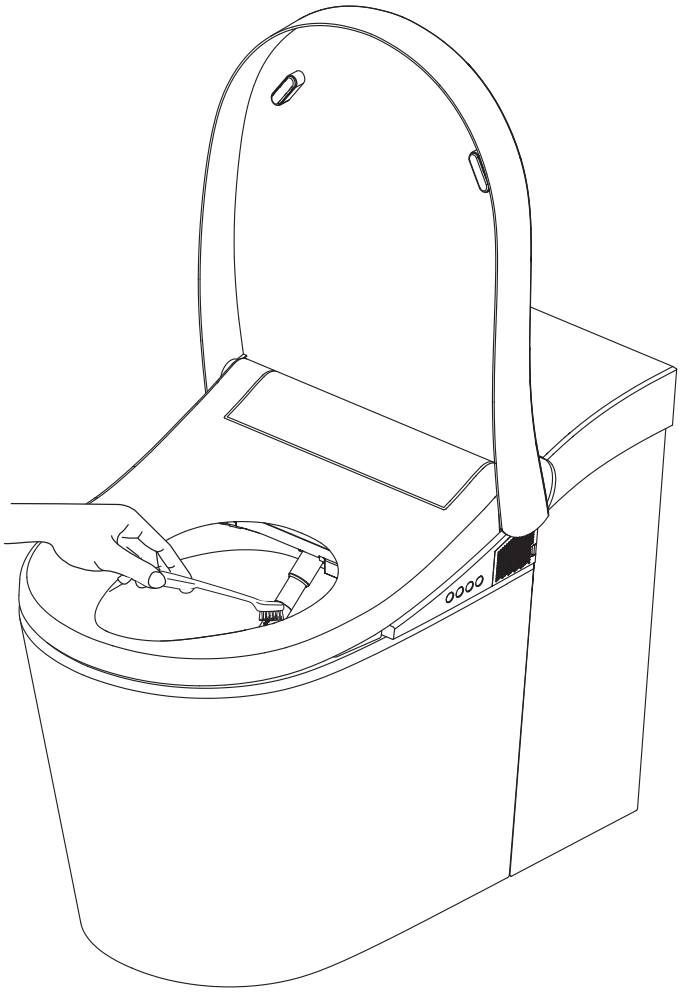
Caution: The success of the cleaning process depends on the water hardness and temperature, the dose precision of composition, cleaning regulation variation and cleaning product status etc. factors. Kohler can't ensure the validity of rules since these factors may change.

Note: when clean opened seat, do not apply excessive force to avoid any product damage.

B. Nozzle Clean

Method used for nozzle cleaning by soft brush.

- □ When unseated, long press “position” button to extend the nozzle.
- □ Use a wet soft brush to clean the nozzle.
- □ Press “position” key again or the “stop” key, the nozzle will retract or the nozzle will retract automatically after 5 min.
- □ Nozzles can be removed manually for cleaning.



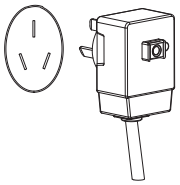
C. Cleaning or Replacing the Filter

Clean or replace the filer if there's not enough water volume or water is not coming out.

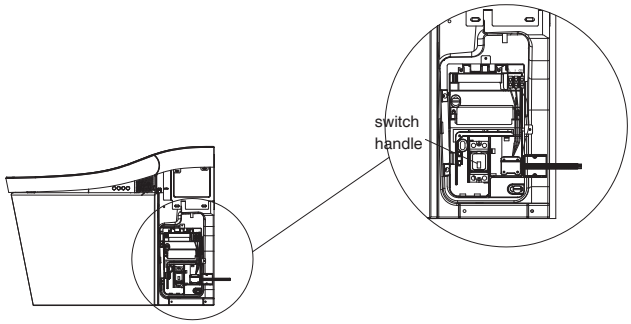
Cleaning the toilet filter

□ Turn power off.

❶



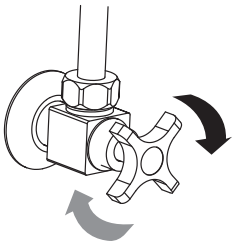
Unplug for trade version



Pull down circuit breaker switch for concealed version

□ Turn off inlet water supply.

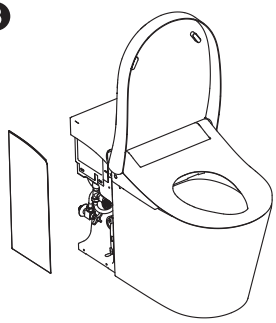
❷



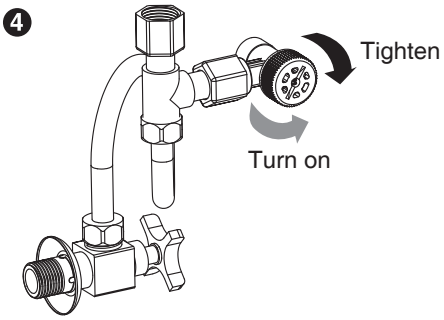
Turn off stop valve

□ Take out filter and clean it.

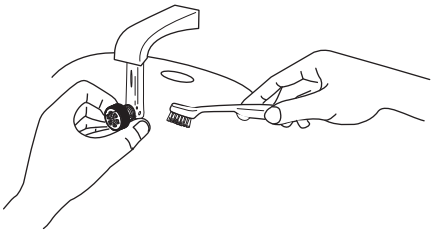
❸



❹



❺



□ Reinstall filter and turn stop valve on.

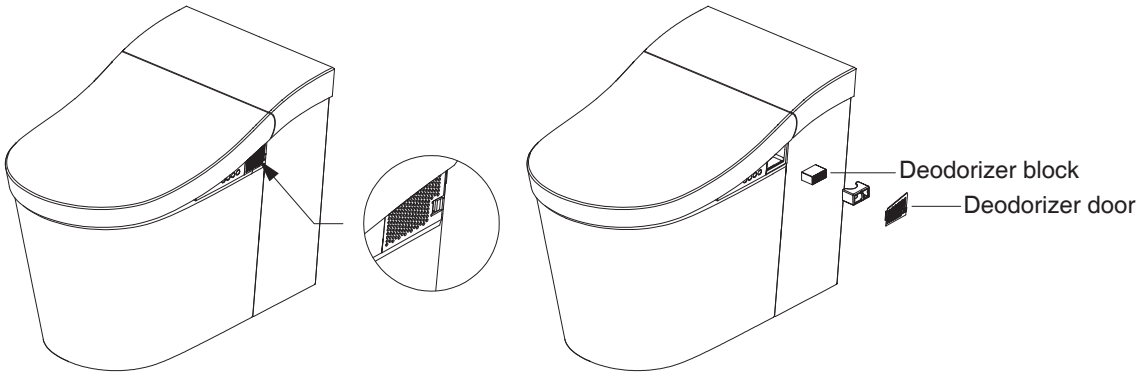
□ Inspect joint for any water leak, then plug power cord

□ Install side board.

The steps to replace filter are the same as the above steps.

Notes:

If filter is found broken or serious blocked, please replace it in time.



Replace deodorizer block

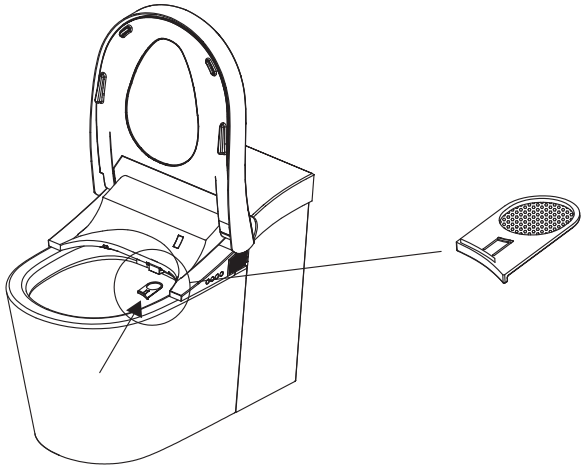
Replace deodorizer block when deodorizing effects is not sufficient and odor occurred.

Remove deodorizer block step:
Remove deodorizer door and deodorizer block, after replacing the deodorizer block, reinstall properly.

Note: after remove deodorizer block, do not insert hand or other objects into deodorizer block cavity to prevent fan or other parts damage.

Deodorizer filter clean

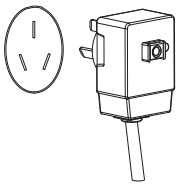
Clean dirt on deodorizer filter mesh periodically as shown.



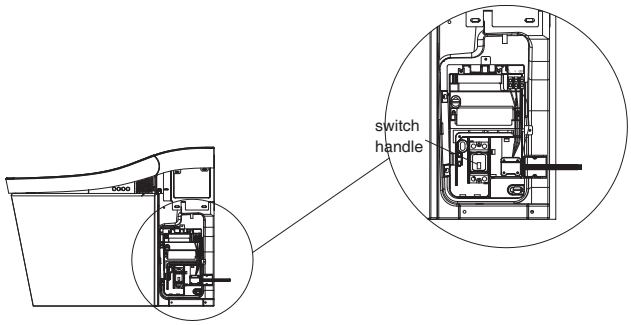
D. Maintenance in case of long-term idle status

a) If the intelligent toilet will be idle for a long term, make sure the water in pipeline of cover is drained completely:

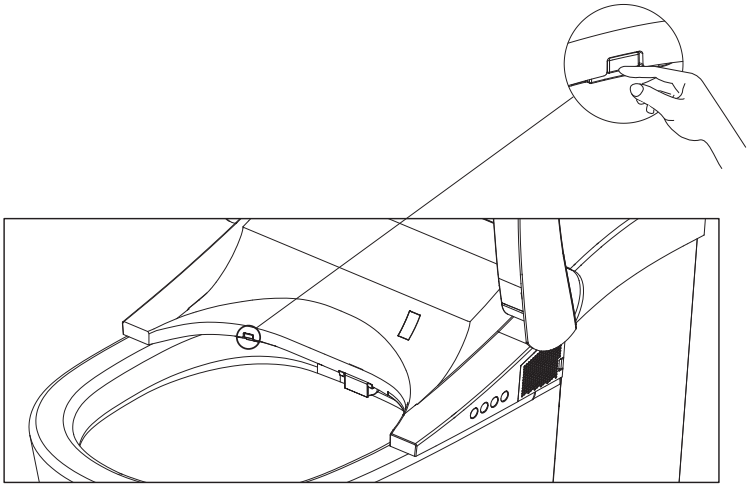
- □ Disconnect the power supply, and press water discharge button inside the small hole inside the heating pipe to discharge the residual water (trade version).
- □ Turn auto protection switch handle off, discharge button, discharge the water inside heating pipe (concealed version).



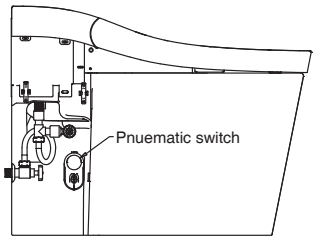
Unplug for trade version



Pull down switch handle for concealed version



- □ Press pneumatic switch to discharge residual water inside the water tank.



Note:

1. If water is not completely drained and meanwhile the product is idle for a long time, the residual water may freeze in winter or spoiled in summer.
2. If you find the water supply pipe has been frozen, do not use the intelligent cover. You will need to raise the room temperature and use it after the water is thawed.
3. When the winter temperature exceeds the normal working temperature, and there is a risk of freezing in water pipe, please turn off the tee valve and perform one flush/or discharge the toilet.
4. Before use after long term idle condition, please close the tee valve and then press it again for flushing.
5. When use after long term idle status, make sure to flush it for several times and the inner pipelines are clean.
6. In case of long term idle status, remove the batteries in the charging block of remote control.

b) Open cover or add water inside the toilet might avoid the plastic parts yellowing problem caused by backfl air from discharge pipe after residual toilet water evaporated during long-term idle status.

Trouble shooting

This guide of trouble shooting is for general help only. Authorized representatives or qualified electricians of Kohler Company shall be able to solve all electrical failures. If you want to know about the service of warranty, please contact local dealers or wholesalers.

Symptoms	Possible Causes	Recommended Actions
1. Toilet does not work.	A. Power failure	A. Wait until the power is restored
	B. Plug not connected or no power to socket	B. Plug in or detect the socket
	C. The leakage circuit breaker on plug does not reset.	C. Press Reset button on the plug
	D. Product is on standby mode	D. Press "⏻" button at the side panel.
2. Toilet fails to flush	A. Water failure	A. Wait until the water supply is restored
	B. Tee valve for water supply is closed	B. Open the tee valve for water supply
	C. Power failure	C. Wait until the power is restored or review manual flush, manual flush or flush by using the basin.
	D. Product is at standby mode	D. Press "⏻" button at the side panel.
	E. Wash mode is in progress	E. Perform after flushing operation completed.
	F. Auto-flushing is deactivated	F. Review "Guide on remote controller setting"
3. Toilet is not clean after flushing.	A. Filter screen is blocked	A. Refer to "Washing of filter screen"
	B. Insufficient water pressure.	B. Check if all tee valves are opened. If not, please open;
		C. Check bend problem on inlet hose, if so, adjust hose.
4. Wash mode is abnormal.	A. Water failure	A. Wait until the water supply is restored
	B. Tee valve for water supply is closed or not opened completely	B. Fully open the tee valve for water supply
	C. Product is at standby mode	C. Press "⏻" button at the side panel.
	D. Not yet seated or current sitting posture unable to be sensed by the seat	D. Seated or adjust your sitting gesture
	E. Filter screen is blocked	E. Review the section of "Washing the filter screen"
	F. Insufficient water pressure.	F. Check bend problem on inlet hose, if so, adjust hose.
5. Flush function stops in operation process.	A. Flushing mode stops automatically after continuous flushing for 5 minutes	A. If necessary, press the flushing button again.
	B. The seat is unable to sense human body	B. Adjust your sitting gesture or sit on the toilet again.
6. The wash mode runs even when unseated.	A. The seat is covered by foreign matters or the seat is wet.	A. Remove the foreign matters or dry seat.
7. Dryer fan stops in operation process.	A. The dryer fan stops automatically after continuous usage for 4 minutes	A. If necessary, press the dryer button again.
	B. The seat is unable to sense human body	B. Adjust your sitting gesture or sit on the toilet again.
8. Deodorization fan does not work	A. The seat is unable to sense human body	A. Adjust your sitting gesture or sit on the toilet again.
	B. Stop button is pressed by mistake during operation	B. If necessary, please unseat for about 2S and then sit on the toilet again.
	C. Auto deodorization function is deactivated	C. Review "Guide on remote controller setting"
9. Cover fails to close/open	A. The seat is covered by foreign matters or the seat is wet	A. Remove the foreign matters or dry seat.
	B. The toilet cover is interfered by people at the open/close process before	B. Use the remote control or manually open/close the cover until it works properly. Do not block switch during open/close process
10. Auto cover fails to close/open.	A. User is not seated enters or lefts the sensing area	A. Please sit or leave the sensing area
	B. Remote controller "automatic cover-turning" function is deactivated	B. Review "Guide on remote controller setting".
	C. The toilet is in the process of flushing	C. Wait until the flushing process is completed

11. Night light does not work	A. The night function is turned off	A. Review “auxiliary keyboard function” to activate the night light function.
	B. The indoor light is too bright	B. Please cover photoreception window completely.
12. UV sterilization function does not work	A. User sits on the toilet	A. Please close the cover and reactivates the UV sterilization again when unseated.
	B. The seat is covered by foreign matters or the seat is wet	B. Remove the foreign matters or dry the seat
13. Remote is unable to display	A. Battery exhausted	A. Replace with new batteries
	B. Battery polarities are mounted reversely	B. Reinstall properly
	C. The remote controller does not answer.	C. Approach to the toilet or seated.
14. Remote control fails to connect to toilet.	A. Lower battery	A. Review “Usage and replacement of battery for remote control” chapter and replace battery accordingly.
	B. The remote control is too far from the toilet	B. Review “Communication between remote controller and the toilet”, and approach to the toilet
	C. The toilet is not yet powered on	C. Power on the toilet.
	D. The toilet is on standby mode	D. Press “ ⏻ ” button at the side panel.
	E. The toilet is not connected to the remote control	E. Review “Communication between remote and toilet” and connect toilet and remote accordingly.
15. The seat is not warm.	A. Remote seat temp set too low.	A. Set seat temp to proper dial.
	B. Toilet is on standby mode.	B. Press “ ⏻ ” button at the side panel.

Description of Content of Hazardous Substances in Product

Reclaim Indication

When the product exceeds service life or is unable to use after repair, do not throw the product away in the normal trash. Please dispose the waste electronic parts through a qualified reclamation enterprise. Make sure the product is handled properly. Disposing of product must be done in accordance with the local or national government law.

Statistics of Contents of Toxic or Hazardous Substances or Elements

Part name	Toxic or Hazardous Substance or Elements					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)
Plastic Assy.	○	○	○	○	○	○
Control Assy.	×	○	○	○	○	○
PCBA Assy.	×	○	○	○	○	○
Motor Assy.	×	○	○	○	○	○
Wire Harness Assy.	○	○	○	○	○	○
Water Inlet Assy.	○	○	○	○	○	○
Wand Assy.	○	○	○	○	○	○
Heater Assy.	×	○	○	○	○	○
* Remote Assy.	×	○	○	○	○	○
* Battery	○	○	○	○	○	○
* Ceramic Assy.	○	○	○	○	○	○
* Water Tank Assy.	○	○	○	○	○	○

○ : Indicates that the substance in the material composition is below the high limits of the current requirements in GB/T 26572.

× : Indicates that at least one of the homogeneous substance in the material composition is below the high limits of the current requirements in GB/T 26572.

＊ : Indicate only partial product series contains this substance.

Note: the information provided is based on the supplier data and Kohler inspection results. The product is designed not to hurt the environment. Under current technology, all hazardous materials have been used in the smallest amounts possible. Kohler will strive to reduce the use of these hazardous materials used in this product.



The product “service life for environment protection” is 10 years; Kohler Company will specify product service life based on product characteristics. The product “service life for environment protection” is only effective when the product is used as described in the product specification.

谢谢您选择科勒公司

谢谢您选择科勒。科勒技术提供了可靠性能和优雅生活的结合，满足了您未来几年的需求。科勒产品的美观和可靠性将满足您最挑剔的眼光。我们为我们科勒的产品感到非常地自豪，相信您也会。

请花几分钟阅读一下这本用户手册，特别注意维护和清洗说明。

这本说明书中所有的信息基于最新公开的产品信息。在科勒，我们一贯坚持改善我们产品的质量。我们保留在任何时候不通知的情况下改变产品特性，包装或实用性的权利。

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安全注意事项

请认真阅读安全注意事项，请务必遵守。

⚠ **警告**：如果无视此标志内容而误操作时，有可能造成人员重伤或死亡。

⚠ **注意**：如果无视此标志内容而误操作时，有可能造成人身伤害或产生损失。

⚠ 警 告

☐ 本产品必须安全接地。只能连接到专用的220V~, 50Hz, 10A带接地故障断路器或接地漏电保护器的电路中。

☐ 在通电之前必须按照说明书中的要求接地。

☐ **在安装本座便器时切勿使用任何凝胶材料（水泥砂浆）。**因为凝胶材料（水泥砂浆）的热膨胀可能使座便器的脚部挤破或损坏。科勒对所有因为凝胶材料（水泥砂浆）安装而引起的座便器破裂恕不负责。

☐ **提防损坏产品。**请不要向便器内冲入新闻纸、纸尿垫、妇用卫生巾等容易堵塞的物品。请不要用重力撞击陶瓷，以防止破损漏水。不要在0℃以下的环境中使用。

☐ **触电或产品损伤的危险。**不要把产品浸入水中。

☐ **产品损坏的危险。**在安装工作完成之前不要接通电源，这可能导致产品故障。

☐ 当使用电器产品时，尤其当儿童在场时，应该遵守基本的安全防范，包括如下：

危险–降低触电的危险：

- 不要把此产品放置在可能掉落或可能被拉入浴缸及水槽的地方。
- 不要放置或掉到水及其他液体中。
- 不要触及掉进水中的产品，请立刻拔掉电源插头。

☐ 如果有以下情况请不要使用本产品：电源线、插头及产品有损坏；产品不能正常工作；产品掉入水中。

☐ 使电源线远离加热表面。

☐ 防止将水淋到电源插头上。

☐ 如果电源线损坏，为了避免危险，必须由制造商、其维修部或类似部门的专业人员更换。

⚠ 注 意

☐ **产品损伤的风险。**不要安装在水可能溅到的地方。

☐ **产品损伤的风险。**不要把产品安装在过分潮湿的地方，在这种地方，水汽可能凝聚在产品表面。请始终保持使用环境有足够的通风，以防止电子组件的损坏。

☐ **产品损坏或财产损失的风险。**硬推、硬拉水管接头可能造成水渗漏。

☐ **产品损坏的风险。**不要在喷嘴上施加过大的力，否则产品可能损坏。

☐ **产品损坏的风险。**在一些水可能在水管中结冰的地方，要做好水管保温的安排。任何留在产品里的水在冬天储存时都可能结冰。在重新安装或使用前请保证产品暖至室温。

☐ 温暖的气候时，热保护器在存储或运输过程中可能失灵，导致产品不工作。在重新安装或使用前请保证产品冷至室温。

安全注意事项（续）

警告–避免低温灼伤、触电、火灾或人身损伤

- 当儿童、老年人、残疾人，以及身体、感知、智力能力缺陷或经验和常识缺乏的人使用或靠近此产品时，近距离的监护是必需的。儿童不应该被允许使用或接触此产品，不要让儿童独自待在安装有此产品的房间，儿童不应玩耍器具。
- 对于无法自己进行温度调节操作的儿童和老人，需要帮助将座便盖的圈温、冲水温度及风温调节到合适的档位。
- 请避免长时间让裸露的皮肤接触加热座圈，以免低温灼伤。

☐ 仅按照手册中所描述的方式使用本产品，不要使用科勒不推荐的附件。

☐ 使用时请勿倚靠在盖板上，以免损坏产品。

☐ 根据安装说明正确地安装本产品。

☐ 只有专业人士可以修理此产品。不要试图自己维修此产品，否则保修无效。

☐ 在安装本产品的同一房间中，需要在触手可及的位置安装一个止水阀，用于紧急情况下，无需借助工具即可切断本产品的进水水路；否则本产品的意外故障可能会导致用户损失。

☐ 不要把任何物品掉入或插入管路和开孔处。

☐ 不要在户外或者微粒喷雾设备正在被使用的地方使用本产品。也不要在给氧的地方使用本产品。

☐ 需要有资质的维修人员维修紫外线杀菌装置。

☐ 必须使用随器具附带的新软管组件，旧软管组件不能重复使用。

☐ 用户切断电源后，如须再次接通电源，请务必听到“滴，滴...”提示音结束后，再接通电源。

☐ 如果发现下列情况，请勿继续使用。请断开电源并同时关闭进水角阀，停止供水。

- 软管及产品的内部向外漏水。
- 当产品出现裂缝或破损时。
- 产品出现异声或明显异味。
- 发现产品产生烟雾。
- 当产品异常发热时。

☐ 非充电电池不要充电

☐ 充电电池，充电前要将电池从电器中取出

☐ 用尽的电池需要从器具中取出并安全处理

☐ 如果设备长期存放不用，应拆卸电池

☐ 电源端子不能短路

☐ 遥控器不能放置在被水淋到的地方

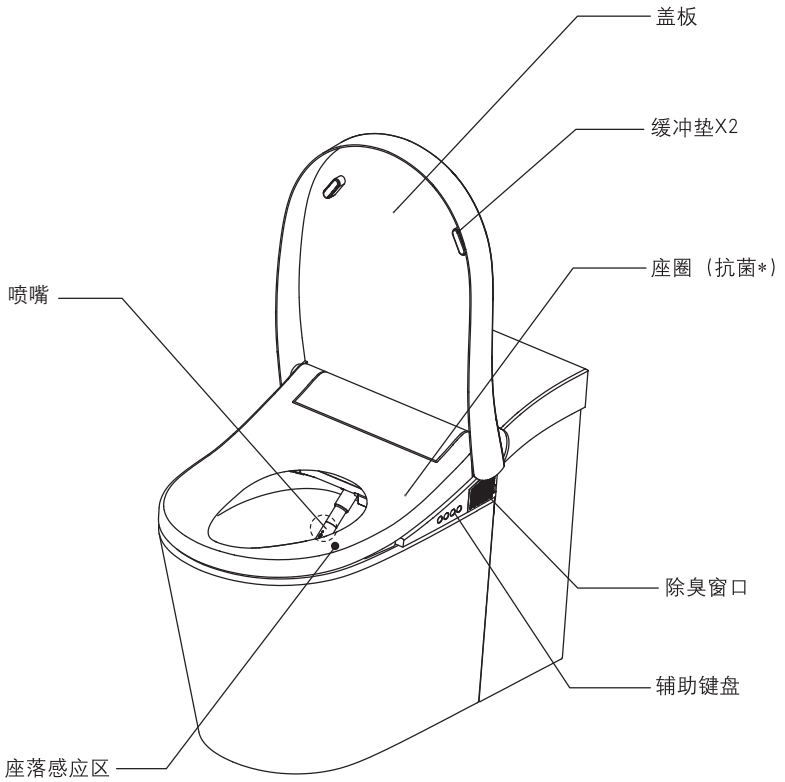
规格

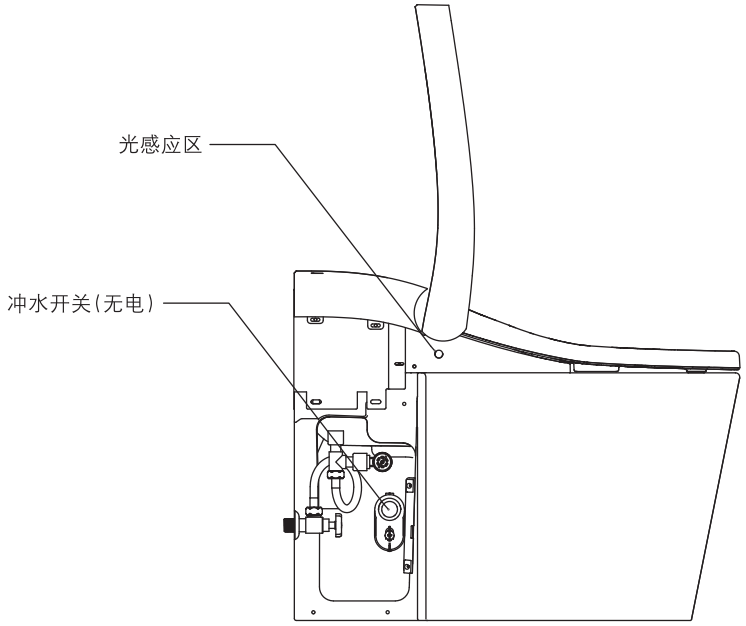
用水量			5.5L
水效等级			3级
使用坑距			305/400mm
供水压力			最小进水压力0.07Mpa（动压） 最大进水压力0.74Mpa
额定电压			220V~, 50Hz
额定功率*			1100W
最大瞬时功率			约1600W
电源线长度（有电源线版）			中国版约1.5m
产品外型尺寸			约720mm x 432mm x 550mm
产品重量			约51kg
进水温度			1-35℃
使用环境温度			1-40℃
清洗	臀部冲洗		有，档位可调
	女性冲洗		有，档位可调
	出水流量（水压0.2Mpa时）		臀部冲洗最大档不小于500mL/min
	清洗水温调节		关、三档可调(室温、约31-39℃)
	冲洗时间(最长)		约300s
	喷嘴位置调节		3档
	脉冲按摩		开/关
	移动冲洗		开/关
	安全装置	水温过热保护	温度保险丝
		逆流防止	单向阀
舒适	座圈保温	温度调节	关、三档可调
		安全装置	温度保险丝
	盖板		自动开合、缓降、遥控开合
	座圈		缓降、遥控开合
	暖风	暖风功能	有
		安全装置	温度保险丝
	除臭功能		有
	遥控器		有，功能设置见32-33页
卫生	喷嘴自清洗		有
	抗菌材料		座圈
	UV除菌		有
其它功能	其它安全装置		漏电保护器
	辅助键盘		有
	落座感应		位于座圈内部
	夜灯		有
	自动开关盖		微波感应
	手动冲洗		有
	IOT功能		仅限部分型号（见产品配置表）

* 功率值测试条件：动压0.2Mpa，进水温度15℃。

以上参数为全功能版本，具体型号的规格差异见产品配置表。

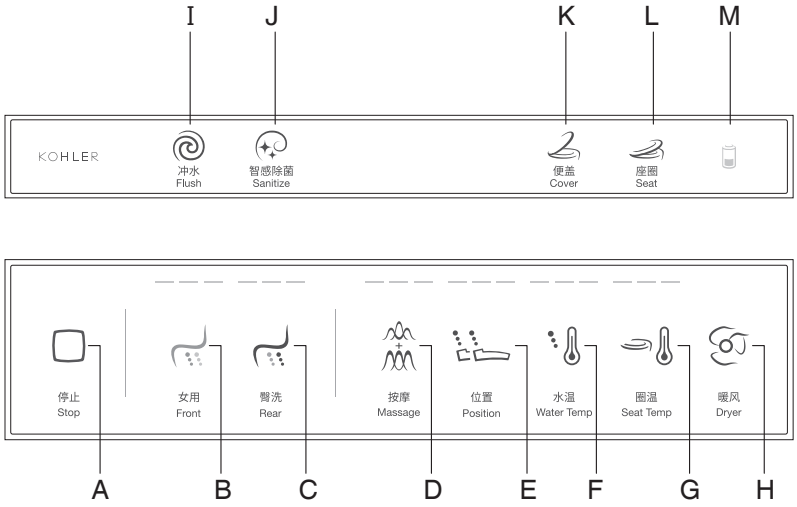
整体简图





* 抗菌：含无机系抗菌材料的座圈长期抗细菌，抑制产品表面的细菌生长，这一加工处理不代表防霉等附带效果。抗菌率大于90%（依据GB21551.2-2010进行试验。测试机构：中国家用电器检测所、上海出入境检验检疫局机电产品检测技术中心）

遥控器使用指南



⚠ **注意：为避免掉落的风险，请从支架上取下遥控器再进行操作（非防遗失安装方式）。**

A – 停止

- 按此键可停止女用、臀洗、暖风、手动清洗喷管功能。

B – 女用

- 落座后，按此键进入女性冲洗，约5分钟后自动停止或按停止键立即关闭。

C – 臀洗

- 落座后，按此键进入臀部冲洗，约5分钟后自动停止或按停止键立即关闭。

D – 按摩

- 按此键进入脉冲冲洗，再次按进入移动冲洗，第三次按脉冲/移动同时进行，第四次按退出按摩模式。（相应功能启动时，图标上面的线条灯会亮）

E – 位置

- 按此键调节喷管位置档位，喷管位置有三档。
- 离座状态下，长按此键进入喷管清洁设置模式，位置图标缓闪。再长按位置图标进行换挡，按照延伸或收回循环改变设置。

  1. 位置图标上面线条灯亮起，表示喷管延伸，伸出。
  2. 位置图标上面线条灯关闭，表示喷管收回。

  此功能用于对喷头进行手动清洗。停止键或长按位置键停止该功能。

F – 水温

- 按此键调节水温档位。(水温有四档，图标上面的线条灯全灭为常温)

G – 圈温

- 按此键调整圈温档位，调节座圈加热温度。（圈温有四档，图标上面的线条灯全灭为常温）

H – 暖风

- 落座后，按此键开启暖风功能，约4分钟后，自动停止或按停止键立即关闭。

I – 冲水

- 按此键对座便器缸体进行冲洗。

J – 智感除菌

- 按此键进行全面清洁。（注：此功能运行时，圈/盖的开和关通过遥控器控制。用户落座时，无法使用该功能）

K – 便盖

- 离座状态下，可按此键进行开/关盖动作。

L – 座圈

- 离座状态下，可按此键进行开/关圈动作。

低电压报警

注意：电压报警后请及时更换电池。

- 当 M 电池报警图标闪烁时，表示遥控器电池电量将耗尽，需要重新更换电池。

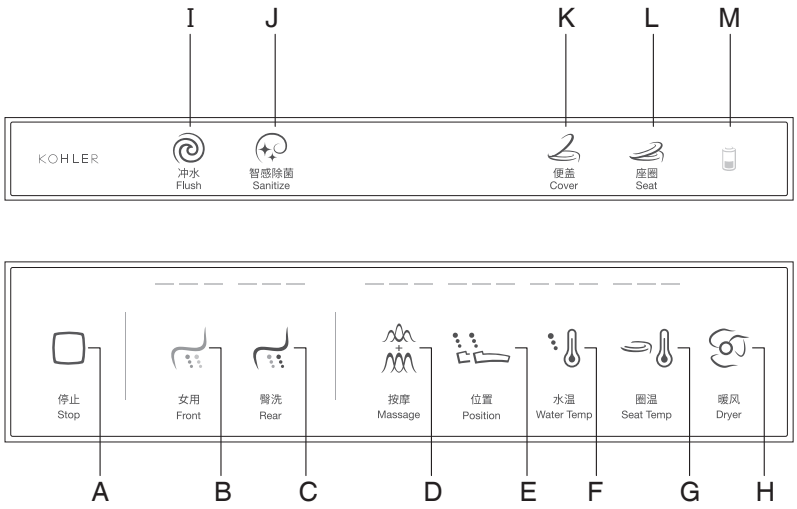
配对

- 坐便器正常上电，长按暖风键，当全部线条灯快闪两下后，暖风灯缓慢闪烁，20秒内同时长按本体侧键盘女用和臀洗两按键，直到听到一声短鸣后放开按键。灯条灯如跑马灯一样闪烁走动。当停止闪烁跑动时，表示配对成功。

遥控器与本机的通讯

- 遥控器被移动离开感应区域掉线时候，按任意键，全部灯条灯缓慢闪烁，启动搜寻马桶连线。连接成功后，停止闪烁。

遥控器设置指南



注：启动任何长按功能设置时，正常功能暂时不能用。

按住本体侧键盘 键，直到听到一声短音，同时夜灯闪烁三次后，放开按键，随后可按照以下B/D/G/I/J/K/L变更设置。

B – 女用…夜灯设置

- 长按此键进入夜灯设置模式，女用图标缓闪。再按女用图标进行换挡，按照启动或关闭循环改变设置。
  1. 女用图标上面线条灯亮起，表示启用夜灯，本体短鸣一声。
  2. 女用图标上面线条灯关闭，表示关闭夜灯，本体长鸣一声。

D – 按摩…长时如厕提醒设置

- 长按此键进入长时如厕提醒设置，按摩图标缓闪。再按按摩图标进行换挡，按照启动或关闭循环改变设置。
  1. 按摩图标上面线条灯亮起，表示启用长时如厕提醒功能，本体短鸣一声。
  2. 按摩图标上面线条灯关闭，表示关闭长时如厕提醒功能，本体长鸣一声。

G – 圈温…节能设置

- 长按此键进入节能设置模式，圈温图标缓闪。再按圈温图标进行换挡，按照启动或关闭循环改变设置。
  1. 圈温图标上面线条灯亮起，表示启用节能功能，本体短鸣一声。
  2. 圈温图标上面线条灯关闭，表示关闭节能功能，本体长鸣一声。

I – 冲水…自动冲水设置

- 长按此键进入自动冲水设置模式，冲水图标缓闪。再按冲水图标进行换挡，按照启动或关闭循环改变设置。
  1. 臀洗图标上面线条灯亮起，表示启用自动冲水设置，本体短鸣一声。
  2. 臀洗图标上面线条灯关闭，表示关闭自动冲水设置，本体长鸣一声。

J – 智感除菌…UV自动杀菌设置

- 长按此键进入UV自动杀菌设置模式，智感除菌图标缓闪。再按智感除菌图标进行换挡，按照启动或关闭循环改变设置。
  1. 水温图标上面线条灯亮起，表示启用紫外线自动杀菌设置，本体短鸣一声。
  2. 水温图标上面线条灯关闭，表示关闭紫外线自动杀菌设置，本体长鸣一声。

K – 便盖…自动翻盖和感应距离设置

- 长按此键进入自动翻盖和感应距离设置模式，便盖图标缓闪。再按便盖图标进行换挡，按照距离，关，近，中，远，关，近，...循环改变设置。
  1. 按摩图标上面线条灯全灭，表示关闭自动翻盖功能，本体长鸣一声。
  2. 按摩图标上面线条灯顺序1亮起，表示自动翻盖近距离功能，本体短鸣一声。
  3. 按摩图标上面线条灯顺序2亮起，表示自动翻盖中距离功能，本体短鸣一声。
  4. 按摩图标上面线条灯顺序3亮起，表示自动翻盖远距离功能，本体短鸣一声。

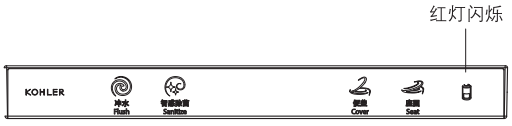
L – 座圈…自动除臭设置

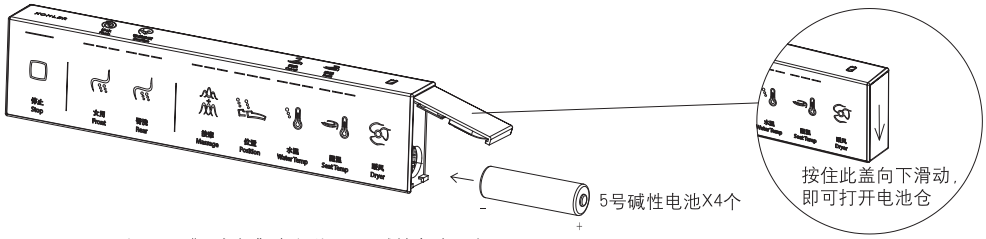
- 长按此键进入自动除臭设置模式，座圈图标缓闪。再按座圈图标进行换挡，按照启动或关闭循环改变设置。
  1. 位置图标上面线条灯亮起，表示启用自动除臭设置，本体短鸣一声。
  2. 位置图标上面线条灯关闭，表示关闭自动除臭设置，本体长鸣一声。

注：长按功能键设置功能时，如用户10秒无任何动作或按其他键，设置功能将退出。

遥控器电池的使用及更换

- 遥控器使用4节5号碱性电池。
- 当电量不够时，遥控器上红灯闪烁或亮，提示用户需要更换电池。
- **注意：**
  1. 电池的正负极必须与遥控器上的标记一致。
  2. 新旧电池不能混用。
  3. 请使用碱性电池。



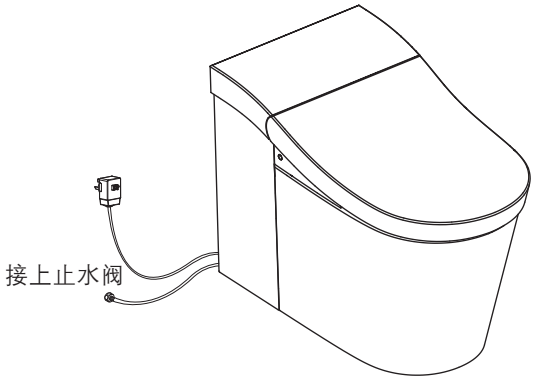


如图示“正负极”方向装入5号碱性电池四个

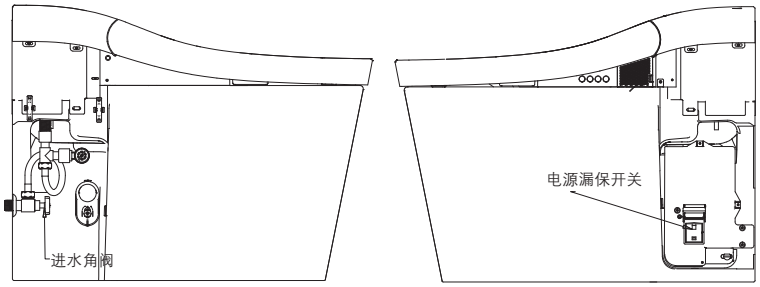
其他

- □ 请勿将遥控器放在液体可能直接喷淋到的地方，或浸泡在液体中。
- □ 请勿放置在烘手机、电吹风等小型家电的周围，以免干扰遥控器的正常使用。
- □ 请勿对遥控器的按键区域频繁、剧烈地施加外力。
- □ 遥控器使用完毕后，应放回墙上的遥控器支架。
- □ 在使用过程中，避免遥控器跌落。
- □ 防遗失功能：遥控器可通过螺丝与底座锁定，具体方法参见安装说明书。

初次使用前准备



普通版



隐藏版

普通版：接上水源，插上电源插头。

隐藏版：确认进水阀打开，电源漏保开关打开。

□ 确认进水阀及电源打开。

□ 确认”遥控器“内已正确装入电池。

□ 确认产品正前方没有障碍物。

□ 等待主机完成自检。期间可听到电机的转动声和流水声，均属正常。当夜灯闪烁时，自检进行中，停止闪烁，自检结束。

□ 初次使用时为出厂设置状态：

女性冲洗：
- 水温：中档
- 水流强度：中档
- 冲洗位置：中档
- 脉冲模式：关

臀部冲洗：
- 水温：中档
- 水流强度：中档
- 冲洗位置：中档
- 脉冲模式：关

圈温：中档
夜灯：开
自动节能：关
自动翻盖功能：开
微波感应距离：中距离
自动冲水功能：开
自动UV功能：开
自动除臭功能：开
待机模式：关
长时如厕提醒功能：关

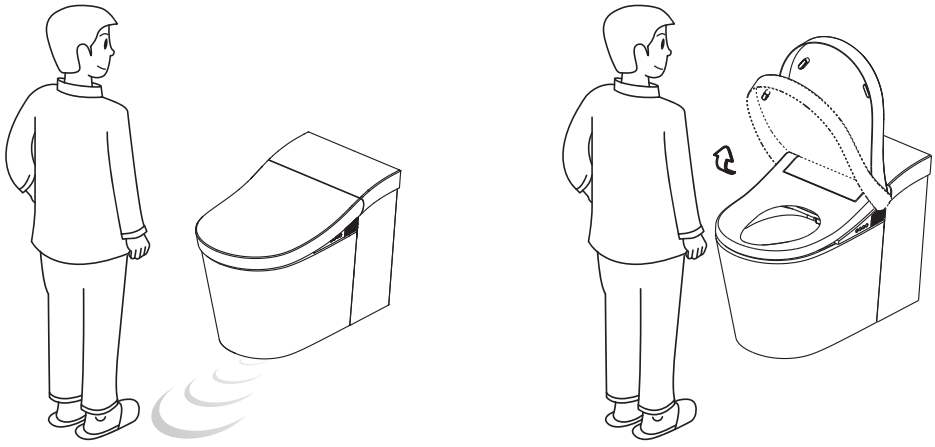
以上设置为全功能版本，具体型号的规格差异见产品配置表。

便盖/座圈开关功能

A. 便盖开/关

• 自动开、关盖

关盖状态下，当用户进入感应区域时，盖板自动打开。
开盖状态下，当用户离开感应区域后，一段时间后自动关闭。

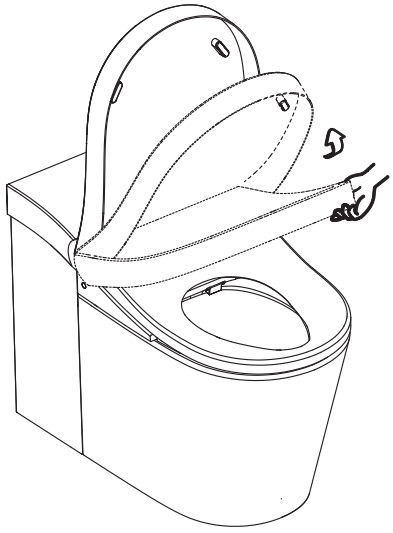


• 遥控器开、关盖

用户没有落座时，按下遥控器上的盖开/关键，则执行相应的开合功能(详见遥控器按钮简图）。用户落座时，按遥控器的 按键无效。

• 手动开、关盖

用户可以用手直接开、关盖。当用户有正常手动开、关盖的趋势时，盖子能够根据这个运动趋势而自动打开或关闭，不需要一直在盖板上保持用力。盖板在运动过程中遇阻碍会自动停下。



注意：

1. 当用户缓慢进入感应区域时，开、关盖感应距离可能变短。如仍无反应，请使用遥控器或手动开、关盖。
2. 只有在遥控器中的“开/关盖设置” 设置为“开”时，自动开、关盖功能才有效（设置方法见第33页）。
3. 避免在座便器前端70cm内设置可移动的障碍物，若有可移动的障碍物，盖板可能会自动打开；若需要取消“自动开、关盖” 功能，请见33页。
4. 当便盖打开时，会自动对座便器喷洒水雾，使污垢不易粘附。

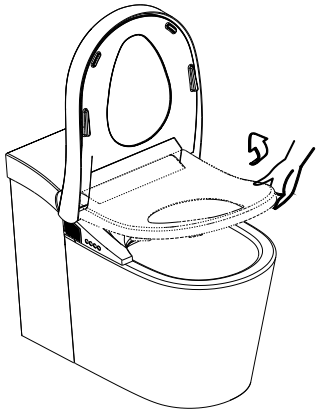
B. 座圈开/关

• 遥控器开、关圈

用户没有落座时，按下遥控器上的圈开/关键，则执行相应的开合功能（详见遥控器按钮见图）。用户落座时，按遥控器的 按键无效。

• **手动翻圈**

用户可以用手直接开、关圈。当用户正常手动开、关圈时，座圈能够根据这个运动趋势而自动打开或关闭，不需要一直在座圈上保持用力。座圈在运动过程中遇阻碍会自动停下。



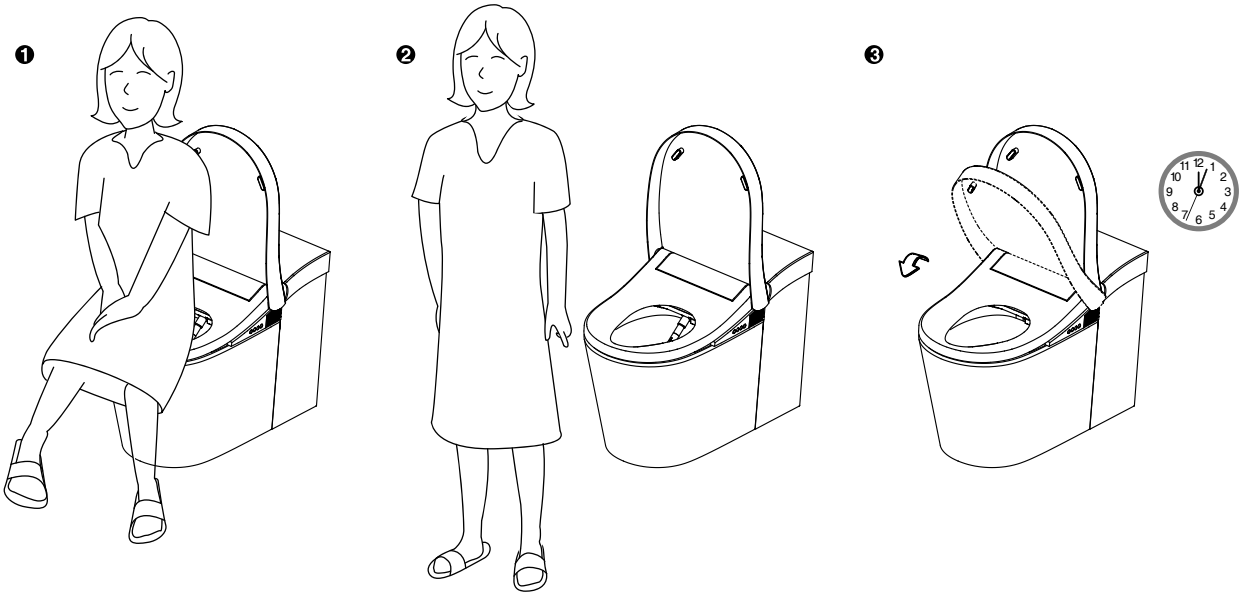
注：
在盖板及座圈自动开合过程中，严禁强行、大幅度用力等人为因素干扰盖板及座圈的开合。

便器冲水

A. 自动冲水功能的使用

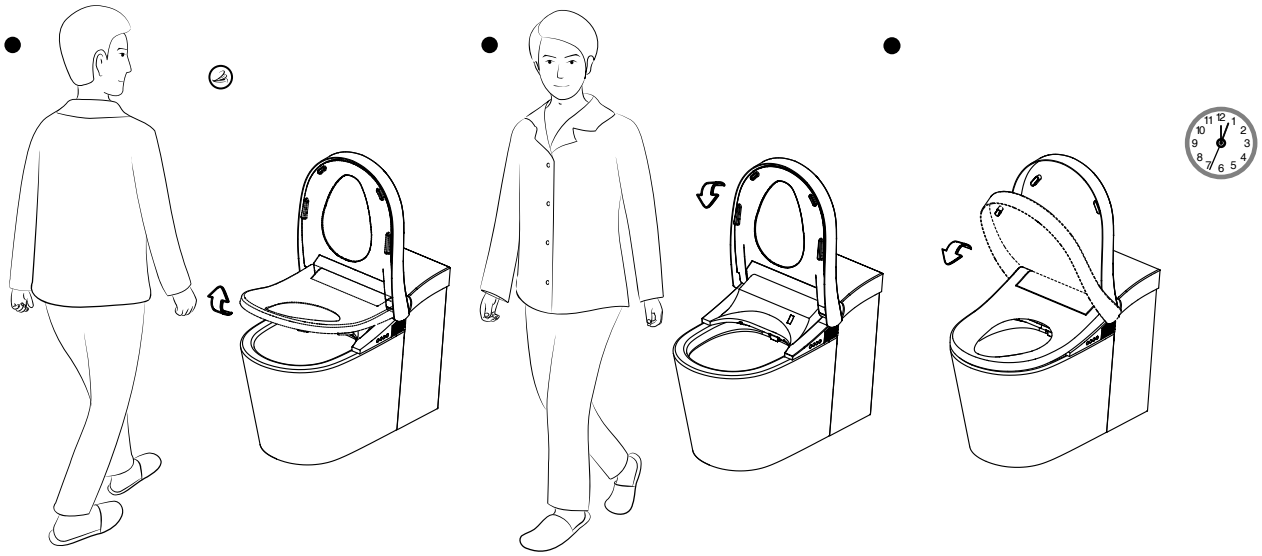
a) 使用座圈情况

盖板打开状态下，用户落座使用，当离开座圈一定时间后，便器自动冲水，一段时间后自动关闭。



b) 男士小便情况

开盖状态下，用户手动或者使用遥控器翻起座圈，使用后，座便器自动冲水，一段时间后，盖板、座圈自动关闭。



注：
1. 如果自动冲水功能关闭，用户可以用遥控器控制冲水，或手动按键冲水，或手工用盆冲水。

2. 只有在遥控器中的“冲水设置”设置为“开”时，自动冲水功能才有效（设置方法见第32页）。

B. 遥控器控制冲水

用户通过按遥控器上的冲水键，执行座便器冲水功能。

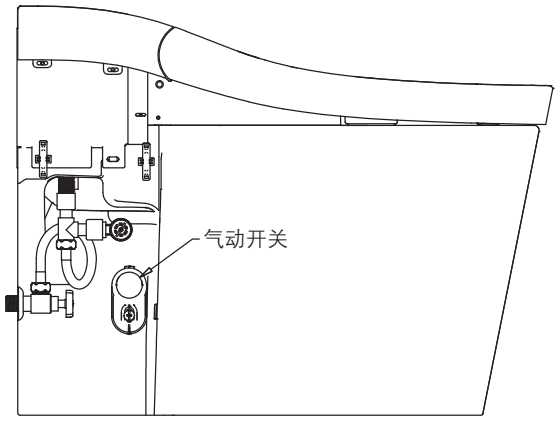
注： 遥控器冲水功能约60秒内不会执行第二次自动冲水。

C. 侧键盘按键冲水

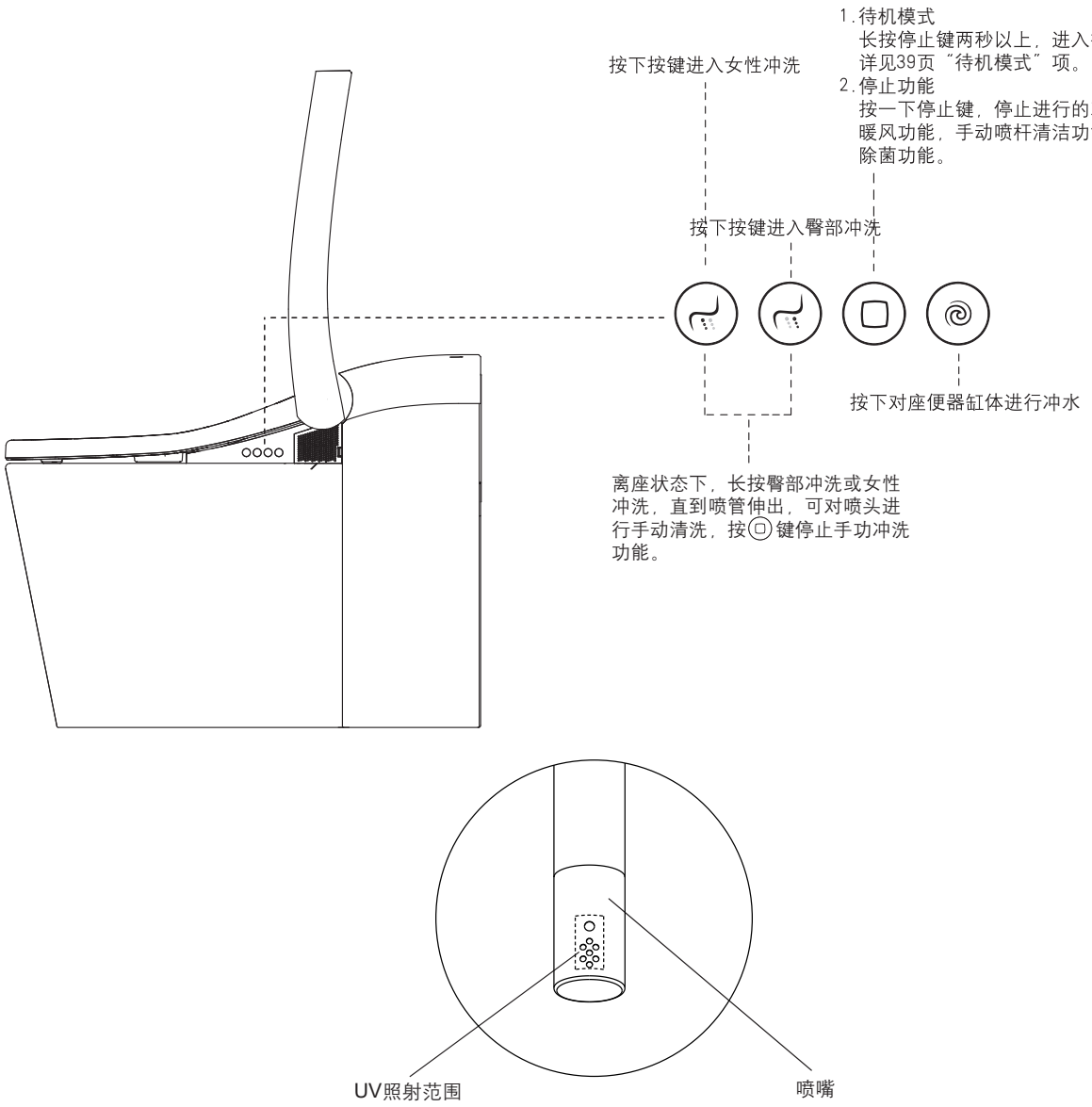
用户还可以直接按座便器上的侧辅助键盘冲水按键实现冲水。

D. 手动按键冲水

用户还可以打开座便器侧装饰盖，按右图示气动开关，进行无电冲水。



辅助键盘功能



注：

1. 各功能均按出厂设置运行。
2. 在使用女性冲洗/臀部冲洗功能时，开启相应功能，5分钟后自动关闭。
3. 在使用暖风功能时，开启该功能，4分钟后自动关闭。
4. 使用STOP键，可以关闭女性冲洗/臀部冲洗/暖风功能。

宽幅清洁模式

本机附带宽幅清洁功能，如想使用宽幅清洁，请在启动臀部+移动冲洗后长按辅助键盘上的臀洗+停止键约2秒。

待机模式

1. 长按侧键盘上的"⏻"键（2秒以上），听到"嘀"一声后，进入待机模式。此时，自动感应及遥控功能关闭，IOT功能也关闭(带IOT功能)，座圈加热功能将停止，以最大限度降低能耗。
2. 当按侧键盘任意键或落座后，自动退出待机模式，所有功能恢复。

UV除菌功能*

1. UV功能是使用紫外线对喷管进行消毒。
2. 自动UV除菌
   - □ 如果长时间无人使用，将自动启动UV除菌功能，对喷管进行除菌。除菌结束后24小时之内不会再次启动该功能。
   - □ UV除菌过程中，如果有用户打开盖子落座使用座便器，或者按下遥控器上的停止键，UV除菌功能将停止。
   - □ 自动UV除菌功能设置请参见第32页。
3. **手动UV除菌**
   - □ 在无落座的情况下，按遥控器"智感除菌"按键，可以激活UV除菌功能（详见遥控器使用说明）。
   - □ UV除菌过程中，如果有用户来打开盖子落座使用座便器，或者按下遥控器上的停止键，UV除菌功能将停止。

* UV除菌（是指UV灯产生紫外线除菌）：在UV工作周期内通过照射对喷嘴表面进行除细菌。除菌率大于99%（在UV的一个工作周期后于16mm×8mm的照射区域内依据GB /T 23131进行试验，UV照射区域见示意图，UV工作周期开启方式见操作说明。测试机构：中国家用电器检测所）

自动节能功能

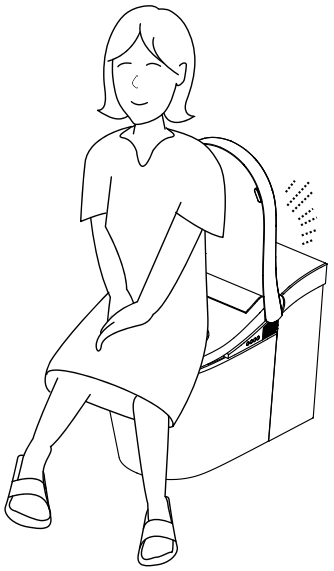
- 在节能设置为开的情况下，产品会自动检测到使用频率低的时间段,并将便座加热温度下降以达到节电的目的。
- 自动节能设置参见第33页。

除臭

产品落座情况下，自动开启除臭功能。

长时如厕提醒功能

如果用户长时间落座使用座便器，超过一段时间后，
系统通过蜂鸣器提醒用户。



维护和清洗

A. 常规清洗



为了达到最好的效果，在维护您的科勒产品时记住下列几条：

重要！不要用水直接冲洗座便盖（包括遥控器）

- 测试-首先用清洗液在座便盖不显眼的地方测试，如果确认清洗液不会对座便盖外表造成损坏然后再应用于整个表面。
- **不要让清洁剂浸泡-**不要让清洁剂浸泡产品。
- **避免表面粗糙的材料**–使用柔软、潮湿的海绵或棉质布，不要用表面粗糙的材料来清洗表面，诸如刷子、冲刷垫等。
- **擦洗-** 加上清洁剂后，立即用湿布擦洗表面，擦除喷到表面的清洁剂和脏物。

清洗座圈

- 在用于清洗的气雾罐中避免使用具有研磨的清洁剂和消毒剂。

> **维护提示：**用洗涤剂和水的混合液体或任何列为可用于座圈清洁的产品清洗座圈，用柔软湿润的海绵或者布。用软毛巾擦干，在空气中让座圈自然干燥。

- 不允许带腐蚀的化学品或化妆品（诸如指甲油或须后水）和座圈接触，避免破坏表面。

清洗不锈钢外观件

- 以中性肥皂水清洗表面，再以干净的软布彻底擦干整个表面。许多清洁剂，比如氨水、去污粉及洁厕灵等，会对表面造成伤害，切忌使用。

注意：不遵守这些清洗说明可能使科勒的保修义务无效。

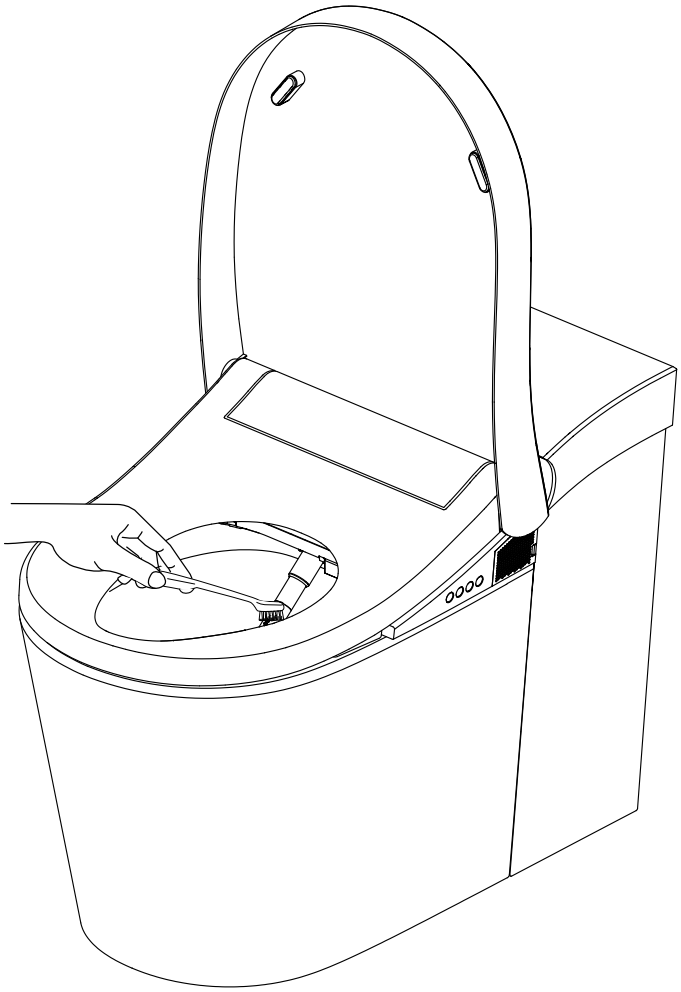
注意：清洗程序的成功取决于诸如水的硬度和温度，使用成分的精确数量，清洗规则的改变和被清洗产品的状态等因素。因为这些因素会有变化，科勒不能保证所提到的规则的有效性。

注意：清洁翻起的圈盖时,不能使大力,以免损坏产品。

B. 喷嘴的清洗

用户使用软毛刷清洁喷嘴的方法：

- □ 在离坐状态下，长按“位置”按键，喷管会伸出。
- □ 用户可以使用软毛刷沾水对喷嘴进行清洗。
- □ 再按一次“位置”键或按“停止”键，喷管缩回，或5分钟后喷管自动收回。
- □ 喷嘴可手动取下清洁。



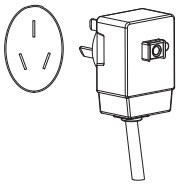
C. 滤网的清洗或更换

用户发现冲洗水量变小或出现不出水现象，请及时清洗或更换滤网。

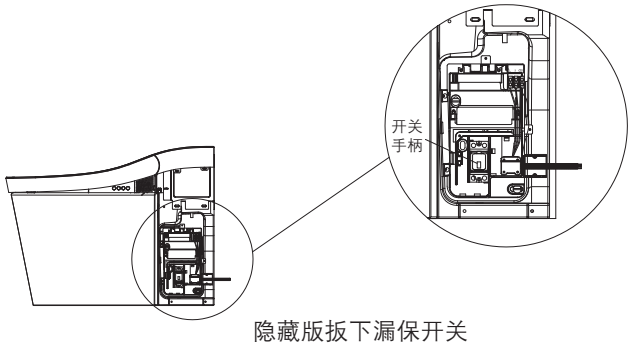
滤网清洗

□ 关闭电源。

❶



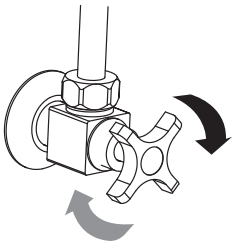
普通版拔掉插头



隐藏版扳下漏保开关

□ 关闭进水。

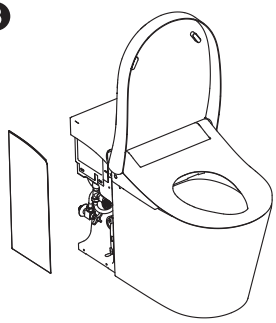
❷



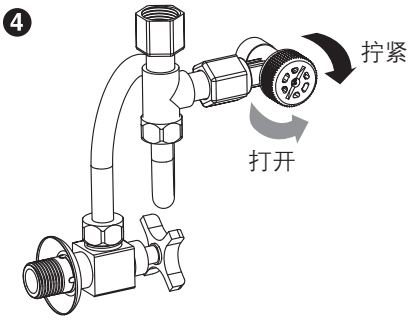
关闭止水阀

□ 取出滤网，清洗滤网。

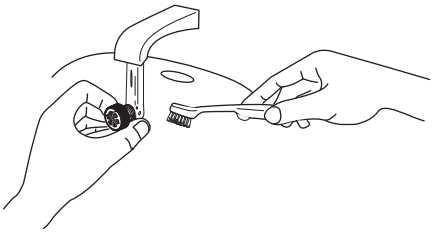
❸



❹



❺



□ 重新装好滤网，打开止水阀。

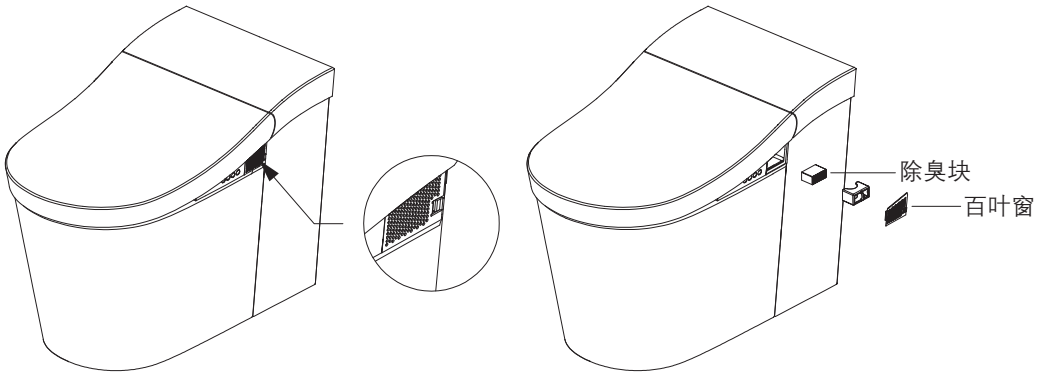
□ 检查连接处，无任何水渗漏后，插上电源。

□ 装上侧板。

更换滤网步骤同上。

注：

如果发现滤网已损坏或者堵塞很严重，请及时更换。



除臭模块的更换

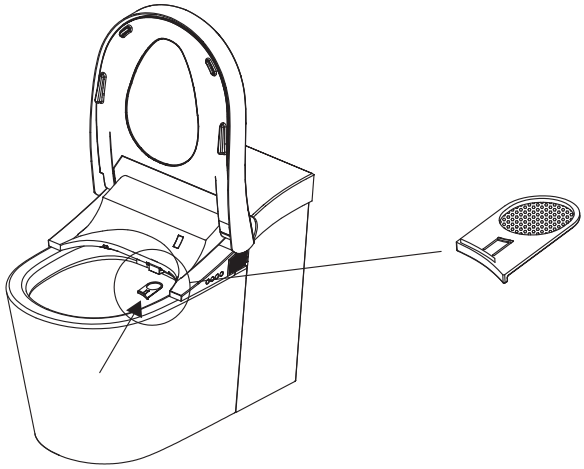
用户发现除臭效果不明显，感觉到异味时，请及时更换除臭块。

取出除臭模块步骤：
取出除臭百叶窗及除臭块，更换过除臭块后，重新放回即可。

注：取出除臭块后，请勿将手或者其他物体伸入除臭块容纳腔内，以防损坏风机和其它部件。

除臭滤网的清理

请按图所示，定期清理除臭滤网上的垃圾。

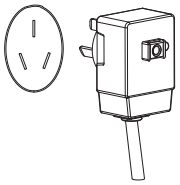


D. 长期放置不用时的维护

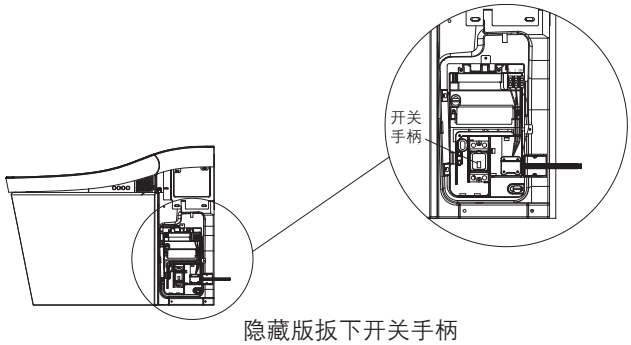
a）如果准备长期不使用智能座便盖，务必排尽座便盖内部管路中的积水：

□ 拔掉电源，关闭角阀，使用手按小孔内的加热管的泄水按钮，排空加热管内的积水（普通版）。

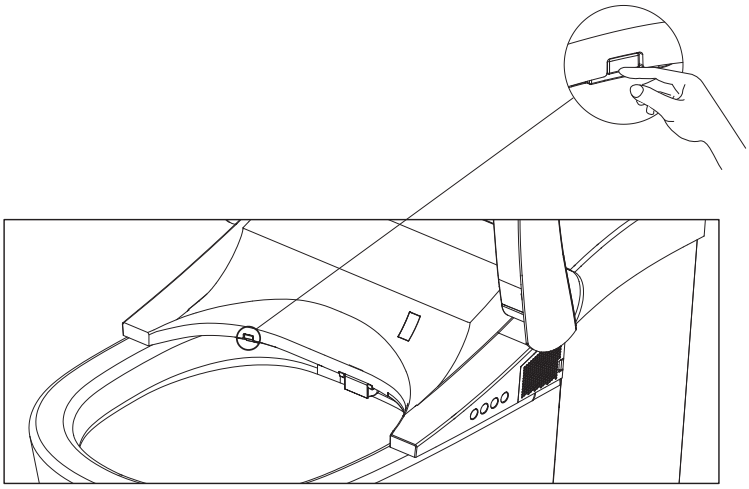
□ 将自动保护开关手柄按下，用手压住排水按钮，排空加热管内的积水（隐藏版）。



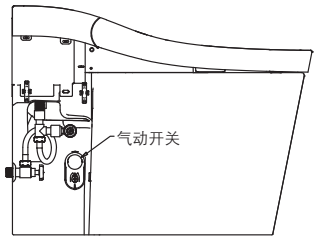
普通版拔掉电源



隐藏版扳下开关手柄



□ 按下气动开关，排除水箱中的积水。



注：

1. 如果没有排尽积水而又长时间不使用该产品，残留水冬天容易冻结夏天容易变质。
2. 冬天发现家中的供水管道已经冻结，不要马上使用智能座便器，可以升高室内的温度，等待其自然解冻后再使用。
3. 冬天当温度可能超出正常的工作温度，且水管有结冰的风险时，请关闭角阀，并对让马桶进行一次空冲/或是进行放水。
4. 长期不用后再次使用时，请关闭角阀，然后按压一次冲洗。
5. 长期不用后再次使用时，请务必多进行几次冲洗，确保内部管路清洗干净。
6. 长期不使用取出遥控器中的电池 。

b）长期放置不用时，可能会由于马桶里面水分挥发完毕后，下水道的气体溢出导致塑料件变黄风险，打开上盖或往马桶里面加水可有效避免该问题。

疑难解答

本指南仅作一般帮助之用。科勒公司授权的服务代表或者合格电工应当能够解决所有的电气问题。如需了解担保服务，请联系您当地的经销商或批发商。

现象	可能原因	建议措施
1.座便器不工作	A.停电 B.插头未插或者插座无电 C.电源线插头上漏电保护开关未复位 D.产品处于待机状态	A.等到电力恢复 B.插上插头或者检测电源插座 C.按下插头上的复位按钮 D.按一下侧面”⊡“按键
2.座便器不冲水	A.停水 B.供水角阀关闭 C.停电 D.产品处于待机状态 E.清洗功能正在使用中 F.自动冲水功能被禁止	A.等到恢复供水 B.打开供水角阀 C.等待恢复电力或者查看“手动冲洗”部分进行手动冲洗或者用盆盛水冲洗。 D.按一下侧面”⊡“按键 E.待清洗功能完成再进行 F.查看“遥控器设置指南”部分
3. 座便器冲不干净	A.过滤网阻塞 B.供水水压不足	A.查看”清洗过滤网”部分 B.检查角阀是否全部打开，如未全部打开，请打开 C.检查进水软管是否折弯过急，如折弯过急，请调整软管
4.清洗功能无法正常使用	A.停水 B.供水角阀关闭或者未完全打开 C.产品处于待机状态 D.没有入座或者当前坐姿无法使座圈感应到 E.过滤网阻塞 F.供水水压不足	A.等到恢复供水 B.完全打开供水角阀 C.按一下侧面”⊡“按键 D.请入座或者调整坐姿 E.查看“清洗过滤网”部分 F.检查进水软管是否折弯过急，如折弯过急，请调整软管
5.使用过程中冲洗功能停止工作	A.连续冲洗5分钟后冲洗功能自动停止 B.座圈未感应到人体	A.如需要，请再次按下冲洗按键 B.变换坐姿或者重新入座
6.人体未入座时也能使用清洗功能	A.座圈上有异物覆盖或者座圈是湿的	A.移除异物或者擦干座圈
7.使用过程中暖风风机停止工作	A.连续使用暖风功能4分钟，风机自动停止 B.座圈未感应到人体	A.如需要，请再次按下暖风按键 B.变换坐姿或者重新入座
8.除臭风机不工作	A.座圈未感应到人体 B.使用过程中误按停止键 C.自动除臭功能被禁止	A.变换坐姿或者重新入座 B.如需要，请离座2秒后重新入座 C.查看“遥控器设置指南”部分
9.不能开关盖	A.座圈上有异物覆盖或者座圈是湿的 B.便盖在先前开关过程中受到人为干扰	A.移除异物或者擦干座圈 B.使用遥控器开关便盖或手动打开便盖直至正常，便盖开关过程中不阻挡其开关
10.不能自动开 关盖	A.用户没有进入或离开感应区域 B.遥控器“自动翻盖”功能被关闭 C.座便器正在冲水中	A.请进入或离开感应区域 B.查看“遥控器设置指南”部分 C.等待座便器冲水结束
11.夜灯不亮	A.夜灯功能被关闭 B.室内光线太亮	A.查看“辅助按键功能”中的夜灯部分来打开夜灯功能 B.请完全遮挡住感光窗口
12.紫外线杀菌不工作	A.有人坐在座便器上 B.座圈上有异物覆盖或者座圈是湿的	A.请离座后关闭盖子再重新开启紫外线杀菌及关闭座便器 B.移除异物或者擦干座圈
13.遥控器无显示	A.电池电量耗尽 B.电池极性装反 C.遥控器未有反应	A.更换新电池 B.重新正确安装 C.靠近座便器或落座

14.遥控器无法遥控座便器	A.电池电量不足 B.遥控器离座便器太远 C.座便器本机没有上电 D.座便器本体处于待机状态 E.座便器与遥控器未连接	A.查看“遥控器电池的使用及更换”部分来更换电池 B.查看“遥控器与本机的通讯”部分并靠近座便器 C.请给本体上电 D.按一下侧面“⊙”按键 E.查看“遥控器与本机的通讯”部分，连接座便器与遥控器
15. 座圈不热	A.遥控器的圈温设置太低 B.座便器处于待机模式	A. 将圈温设置到合适档位 B. 按一下侧面的“⊙”键

产品中有害物质含量的说明

回收提示
本产品超过使用期限或经过维修无法正常使用后，不应随意丢弃，请交由有废弃电器电子产品处理资质的企业处理，正确的处理方法请查阅国家或当地有关废旧电器电子产品处理的规定。

有害物质统计表

名称	有害物质名称					
	铅(Pb)	汞 (Hg)	镉 (Cd)	六价铬(Cr(VI))	多溴联苯(PBB)	多溴二苯醚(PBDE)
塑料组件	○	○	○	○	○	○
控制类组件	×	○	○	○	○	○
PCBA组件	×	○	○	○	○	○
电机类组件	×	○	○	○	○	○
导线类组件	○	○	○	○	○	○
进水组件	○	○	○	○	○	○
喷管组件	○	○	○	○	○	○
加热组件	×	○	○	○	○	○
*遥控器组件	×	○	○	○	○	○
*电池	○	○	○	○	○	○
*陶瓷类组件	○	○	○	○	○	○
*水箱组件	○	○	○	○	○	○

○：表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572现行有效版本规定的限量要求以下。
×：表示有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572现行有效版本规定的限量要求。
*：表示部分机型含有该部件。

注：本表格提供的信息是基于供应商提供的数据及科勒公司的检测结果。本产品应用环保设计理念，在当前技术水平下，所有有害物质或元素的使用已经控制到了最低程度，科勒公司会继续努力通过改善现有技术来减少这些物质的使用。



本产品的“环保使用期限”为10年，科勒公司根据产品设计特性指定该期限。只有在本产品使用说明书所述的正常情况下使用本产品时，“环保使用期限”才有效。