

## What is a Hybrid type?

While conventional BIDET seats use motors for their washing functions, the Kirei series does not. Instead, it utilizes water pressure directly to create washing water. This method allows the seat to produce washing water by using water pressure only, making it possible to use the cleaning function even during power outages.

### As usual

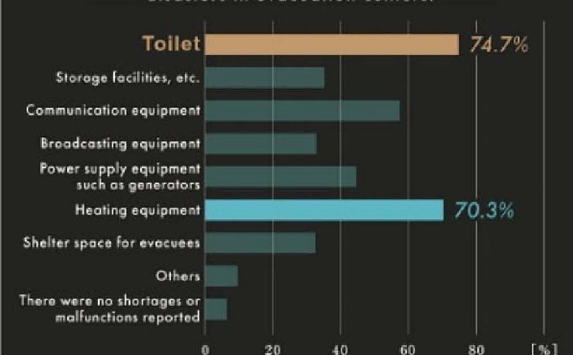
You can enjoy comfortable warm water cleaning and a warm toilet seat in your daily life.

### During emergencies or disasters

During a power outage, the "BOTTOM" and "FEMALE" washing functions can still be used if water supply is available, as they rely on water pressure for operation.

Therefore, the Kirei PLUS can dramatically improve the sanitary environment during disasters.

Facilities that became problematic during disasters in evacuation centers:



The issues in evacuation centers during the Great East Japan Earthquake that occurred on March 11, 2011, according to the report on the response of schools and other institutions during the disaster by the Ministry of Education, Culture, Sports, Science, and Technology (MEXT) for the 2011 fiscal year, were:

In disasters, poor sanitation can be deadly. In the Niigata Chuetsu Earthquake, nearly half of the 60 reported deaths were linked to stress, insomnia, infectious diseases due to crowded living conditions, and lack of access to toilets.

(Quoted from Cabinet Office (Disaster Management) in April 2016.)

By incorporating Kirei PLUS into daily life, not only during normal times but also during disasters, the hygiene and sanitation environment can be dramatically improved.

## Included parts

### Filter-equipped T-branch and supply hose

Kirei PLUS has T-branch and filters in the water supply hose. Cleaning the filters restores cleaning power even in hard water areas. These components are carefully selected for worldwide usability of Kirei PLUS.



### STOPPER

"If the toilet bowl and seat cannot be fixed from the back with a nut, the Kirei PLUS can be secured by inserting it into the holes on the seat and fastening it from above with screws to create a stopper."

### BASEPLATE

"The groove in the baseplate prevents vertical and horizontal displacement. Additionally, the mounting width can be flexibly adjusted, making it possible to attach it to various types of toilet seats. The mounting width can be adjusted from 120mm to 170mm."

販売代理店

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Can maintain a Clean and Hygienic environment not only in daily but also during power outages caused by Disasters.



No motor and hard water malfunctions!  
Usable worldwide!!!

HY-003S Series

Hybrid Washing Toilet Seat  
by Water Pressure

**kirei**  
PLUS キレイプラス

Patented Registered with the JAPAN Patent Office.

## Features that are particular about

### 01 Environmentally friendly instantaneous heating system

By only heating the water used for washing, it saves electricity costs and is eco-friendly.

| PHILIPPINES       |         | Conventional storage-type toilet seat | Conventional instant heating toilet sea | kirei PLUS     |
|-------------------|---------|---------------------------------------|-----------------------------------------|----------------|
| Electricity costs | Daily   | about 3.4 PHP                         | about 1.36 PHP                          | about 1.36 PHP |
|                   | Monthly | about 102 PHP                         | about 40.8 PHP                          | about 40.8 PHP |
|                   | Year    | about 1,241 PHP                       | about 496.4 PHP                         | about 208 PHP  |

Electricity cost reference:  
1kwh=5.1 PHP by Meralco

\* Products from other companies

if power is turned off during the warm months of April to October

### 02 Carbon-neutral compatible product

You can turn them off. This will not consume electricity (only the power consumption of the cleaning knob is approximately 1kWh per year)



### 03 Can be used in around the world (areas with hard water)

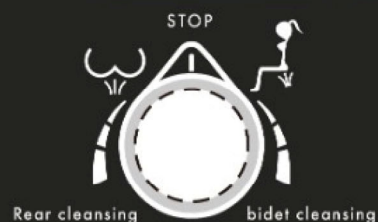
The washing power is based by water pressure. In addition, the included parts are equipped with a filter. If the washing power weakens, cleaning the filter will restore the washing.

This technology is patented and registered with the JAPAN Patent Office.



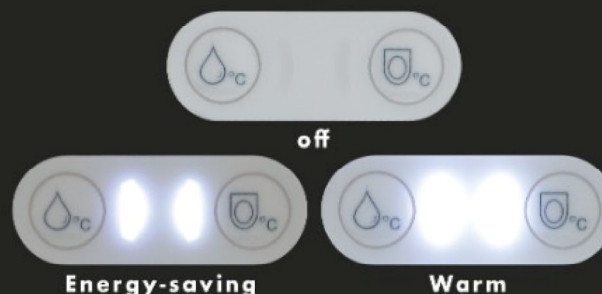
## Functions

### Washing functions



"FEMALE" washing when tilted forward  
"BOTTOM" washing when tilted backward  
Washing water pressure adjustable by lever tilt.

### Warming functions



Three-level warming function: Off, Energy-saving, Warm  
Cleaning function: Off → Energy-saving (35°C) → Warm (38°C)  
Heated toilet seat: Off → Energy-saving (33°C) → Warm (37°C)

Additionally, during warm seasons, turning off the warming function can significantly reduce electricity consumption. This is a unique feature of Kirei PLUS, which allows the use of the cleaning function with water pressure.

## Commitment to detail of Kirei PLUS

### SEATING SENSOR

The dual wash nozzles clean automatically for 5 seconds when seated. If the water temperature during use goes above 43°C, the wash function stops and the nozzles are cleaned. Once the temperature drops, the wash function resumes with a temperature protection feature.



### Safety feature -Low- temperature burn prevention function

When using the warm toilet seat function, after 5 minutes of sitting, the temperature of the seat is automatically lowered to 29°C to prevent low-temperature burns."



### Protection function of washing water

During use of the washing function, if the water temperature exceeds 43°C, the washing water will stop and the nozzle will be automatically cleaned. When the temperature drops, the use will resume.

### SOFT CLOSE

"Japanese attention to detail and performance - Because we want you to use it for a long time, the toilet lid closes slowly to prevent damage to the seat."



### ! ATTENTION

During the winter season, the water temperature drops, and the washing water may not reach the required temperature for effective cleaning. To ensure that the washing water is expelled at the proper temperature, the flow rate should be reduced and adequately heated washing water should be used.

Kirei PLUS, which is designed for use during disasters, has an energy-saving hot water heater. Please note that compared to existing products, it may take longer to produce hot water during the winter season.