



HARMONISING
DESIGN, PERFORMANCE AND SAFETY



DISCOVER THE
KDK HOME SHOWER
SERIES

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Instant Home Shower

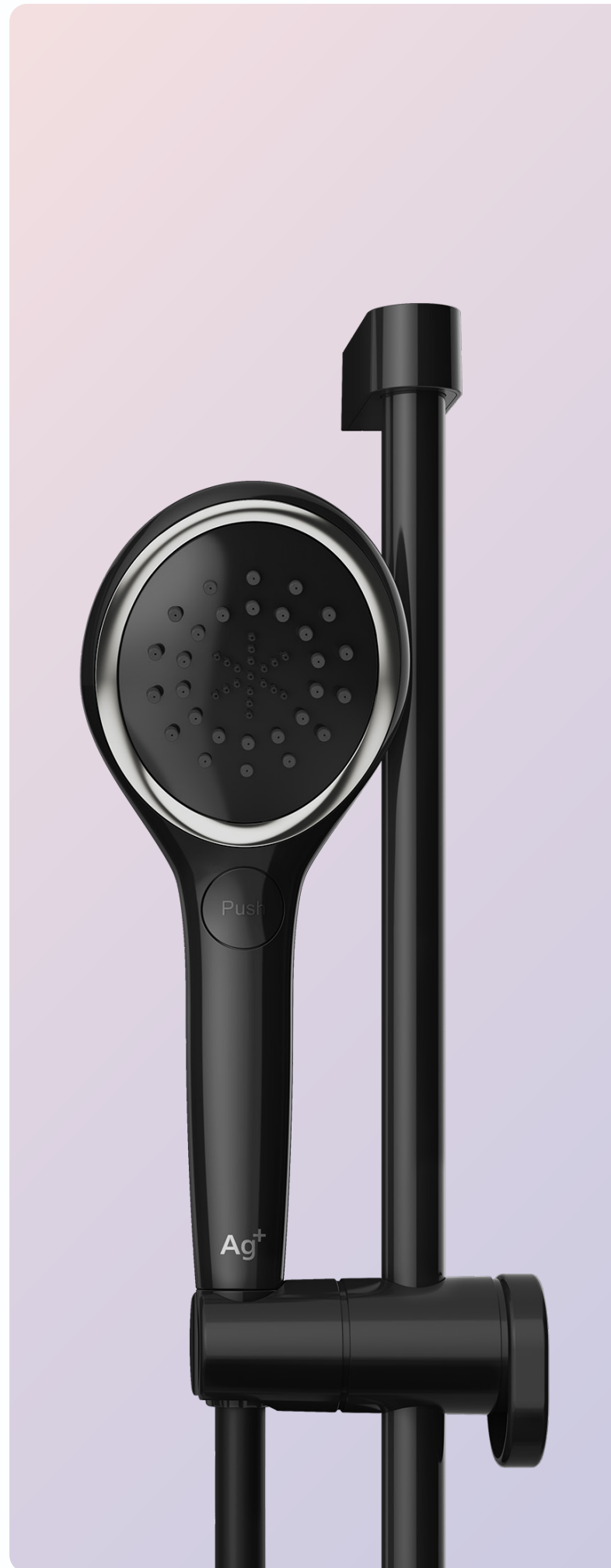
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KDK Instant Home Shower

The KDK Instant Home Shower offers a safe and hygienic bathing experience. Featuring cutting-edge safety features, it ensures that you can enjoy hot showers with complete confidence; making your bath time relaxed and enjoyable.

Suitable for all bathrooms

TG3AD1
Digital Model



TG3AE1
Analog Model



TG3BL1
Analog Model

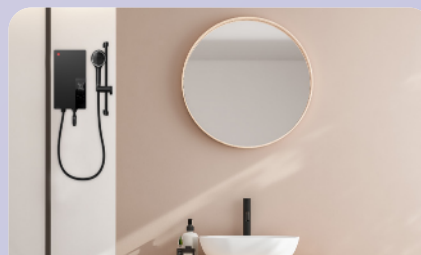


Safety, Hygiene, Comfort



Safety

Stay protected with 9 integrated safety features designed to prevent electric shocks, fires, and burns.



Hygiene

Enjoy a spotless bathroom designed with your health in mind. Our Ag+ Crystal Material inhibits bacterial growth, ensuring a fresh and hygienic space.



Comfort

Enjoy the soothing comfort of a spa-like shower for both body and mind. Discover customizable settings and calming water textures that caters to every family member.

9 Safety Features For Ultimate Protection

Feel at ease knowing that our Instant Home Shower comes with 9 integrated safety features. Crafted for your protection, these elements provide a safe and secure shower experience for everyone in your household.



1 Water Splash Proof Case Cover

With IEC 60529 (IPX5) compliance for optimal safety, this product features water resistance at the joint between the front and back plates, safeguarding against fire and electric shock.



2 Durable Copper Heater Unit

Made from self-extinguishing, non-combustible copper*. The heater unit offers superior heat resistance to help prevent overheating and potential fire risks.

* Reinforced Polyamide for TG3BL1



6 Water Flow Sensor

The system automatically disconnects the power supply when water flow is too low or nonexistent, preventing the water temperature from reaching uncomfortable levels and avoiding overheating.

8 Manual Reset Thermostat

To prevent fires, the system automatically disconnects the power supply if a component failure causes continuous heating under abnormal conditions.



3 One Push On/Off Switch

Featuring a user-friendly one-push design to easily turn off both the main power and the water supply line effortlessly.

4 Insulated Structure

With IEC 60529 (IP2X) compliance, this device safeguards you from electric shocks by providing a protective enclosure that blocks access to dangerous parts by fingers or other objects.

5 Built-in Earth Leakage Breaker (ELB)

Ensuring total protection against electric shock, this system automatically cuts off the power supply during current leakage, providing double safety by disconnecting both neutral and live lines.

7 Non-Flammable Material Compliance

Constructed from non-combustible material, ensuring protection against fire.

9 Auto Thermal Cut-Out (55 °C)

To prevent first-degree burns, the power supply will be disconnected if the water temperature exceeds the safety threshold.



Creating a Healthy And Hygienic Environment With Ag+ Crystal Material

Enjoy a cleaner, healthier shower with Ag+ Crystal Material. This innovative technology prevents the formation of bacterial growth, providing a safe and sanitary experience.



Ag+ Crystal Material

Frequently touched areas are made with Ag+ Crystal Material Protection



Keeps Shower Unit Clean And Hygienic

The constantly humid bathroom environment creates ideal conditions for bacteria growth, particularly on the showerhead. To combat this, KDK incorporates Ag+ Crystal Material on commonly used areas, such as the showerhead, one-push on/off switch, filter body, and power control knob, ensuring enhanced cleanliness.



Ultimate Comfort With Every Shower

KDK Instant Home Shower is your ultimate companion. Whether you're looking for a refreshing start to your day or a soothing cleanse after a long day, trust KDK to deliver a revitalizing shower experience that relaxes and rejuvenates every time.



Treat Yourself to a Spa-like Shower Experience!

A personalized shower experience with multiple modes and detailed settings.

3 Modes*



Indulge in spa-like relaxation with 3 soothing shower modes:



Cool Down



Warm Up



Hot & Cool

Memory Setting*



After saving your preferred settings, you can retrieve them with a simple touch of a button. A maximum of three settings can be saved.

Comfortable Water Textures



Select your preferred shower spray texture from three options (Spot/Normal/Wide). The enhanced showerhead features more holes with a smaller diameter for a gentler touch on your skin.

*Only applicable to TG3AD1

Designed For Your Daily Delight

Revamp your shower space with our stylish and contemporary design. The minimalist form and smooth finish harmoniously elevates any bathroom aesthetic.

TG3AD1

Digital Model

Matt Black



TG3AE1

Analog Model

Matt Grey



TG3BL1

Analog Model

Matt White



Tailor Your Shower For Ultimate Relaxation

Experience the ideal shower tailored to your preferences. Offering three adaptable modes*—Warm Up, Cool Down, and Hot & Cool—you can easily adjust the temperature for a personalized experience. Whether you like a snug warmth or a brisk coolness, the KDK Instant Home Shower ensures comfort and ease with every use.



Warm Up Mode



Cool Down Mode



Hot & Cool Mode

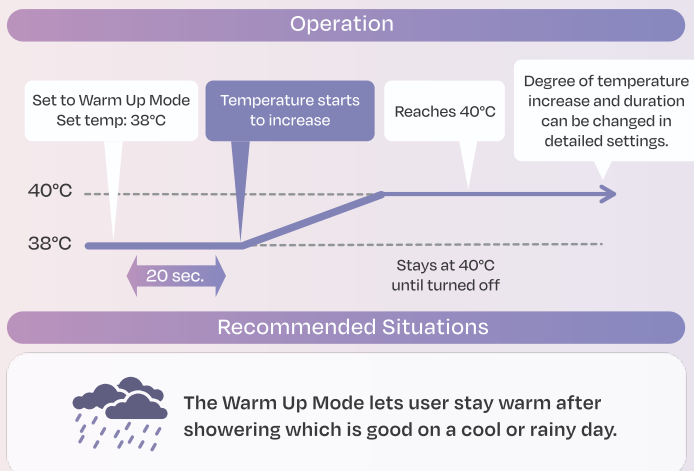
*Only applicable to TG3AD1.



Warm Up Mode

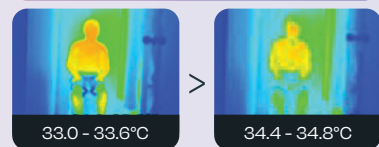
Gradually increases temperature for comfortable body temperature adaptation

The water temperature gradually increases to a certain temperature to let user stay warm after showering.



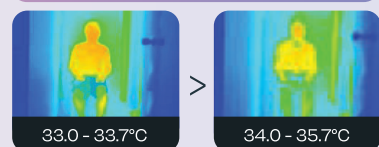
Comparison of body temperature after shower, starting from a warm body

Normal Shower



Average of 1.3°C increase

Warm Up Mode



Average of 1.5°C increase

Warmer body temperature helps you stay warm longer!

When body surface temperature is measured with a thermostat camera after showering, it is higher than that of after a normal shower.

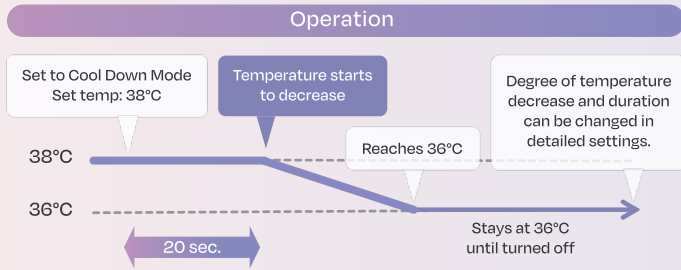
*Test condition: Flow rate: 3 L/min. Shower temperature: Normal Mode: 40.5°C, Cool Down Mode: 38.5°C, Warm Up Mode: 42.1°C, Hot & Cool Mode: 37°C←→40.5°C. Shower head mode: wide, showering time 10 min. (Cool Down Mode and Warm Up Mode: 5 min.) Shower room temperature: 20-25°C, waiting room temperature: 25-30°C



Cool Down Mode

Gradually decreases temperature for a refreshing feel

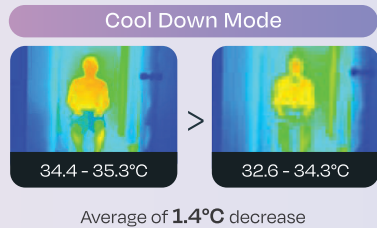
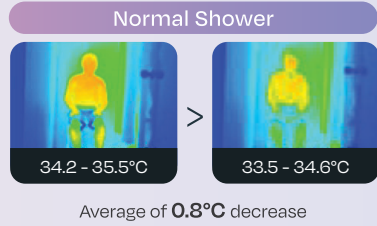
The water temperature gradually decreases to a certain temperature to give a refreshing feel for the user after a hot shower.



Recommended Situations

The Cool Down Mode gives a refreshing feel which is good in hot summer or after exercising.

Comparison of body temperature after shower, starting from a warm body



Lower body temperature makes you feel refreshed!

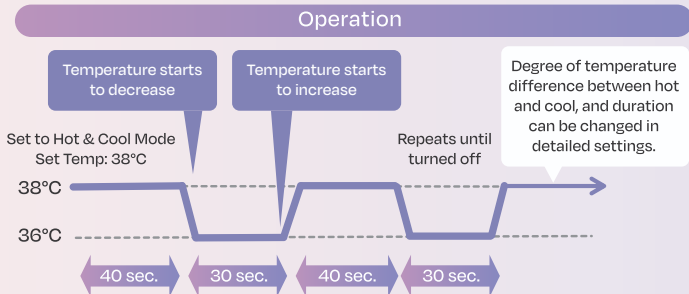
When body surface temperature is measured with a thermostat camera after showering, it is lower than that of after a normal shower.



Hot & Cool Mode

Alternating hot and cool shower repeatedly for better health

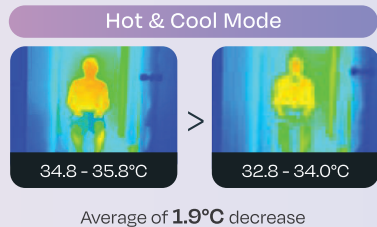
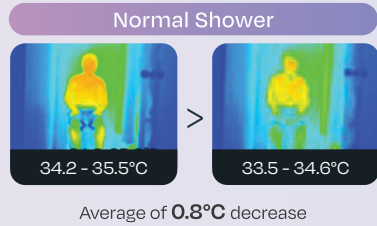
This is expected to enhance circulation, promote healing and provide relaxation.



Recommended Situations

The Hot & Cool Mode refreshes or relaxes the user by improving circulation. It is good on an exhausting day.

Comparison of body temperature after shower, starting from a warm body



Lower body temperature makes you feel refreshed!

When body surface temperature is measured with a thermostat camera after showering, it is lower than that of after a normal shower.

U-Memory*

Personalised Comfort In Just One Touch

Customizable shower profiles for each family member allow for easy switching between settings, helping you find your ideal water temperature and flow—making it ideal for families using the same shower.

*Only applicable to TG3AD1.

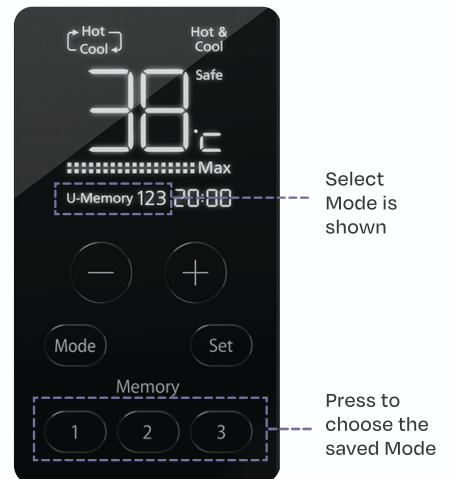


Main Benefits

You can save up to 3 U-Memory settings to accommodate the varying needs of family members.

3 Memorable Settings

- 1 **Select Temperature**
Select any temperature from 32°C to 45°C with 1°C increase or decrease
- 2 **Select Mode**
Select Cool Down, Warm Up, or Hot & Cool Mode.



Using U-Memory Settings

Up to 3 settings can be registered depending on family needs.

Memory	Memory 1	Memory 2	Memory 3
Family Member	 Father	 Child	 Mother
U Mode	Cool Down Mode	Warm Up Mode	Hot & Cool Mode
Temperature	41°C (Gradually decreases 3°C)	38°C (Gradually increases 2°C)	40°C (Gradually decreases 3°C)
After Shower	I'm drenched in sweat after an intense workout, so I prefer to use Cool Down Mode. The cool water revitalizes my heated body, leaving me refreshed and ready to tackle the day.	I dislike starting my showers with hot water, so I use Warm Up Mode. It begins cool and gradually warms up, making the transition comfy and allowing me to relax longer.	I crave relaxation after a long day, so I use Hot & Cool Mode. The alternating temperatures soothe my body and refresh my mind, making me feel completely revitalized.



Spot

Focused spray delivers a strong, concentrated stream for thorough rinsing and invigorating shower.



Normal

Default mix - a spray that merges a rich, gentle texture with a powerful and refreshing feel.



Wide

Powerful jets of tiny micro-droplets designed to refresh your body and eliminate fatigue.



Comfortable Water Textures With 3-Way Shower Head

Designed for a calming shower experience, the KDK Instant Home Shower features three water textures—'normal', 'wide', and 'spot'. You can effortlessly switch between settings with a press on the built-in selector button all using just one hand.

Product Line-Up



TG3AD1

Elegant Design

- Stylish panel with LCD corner control
- Premium shower head with ergonomic grip + 3-way showering mode (normal/wide/spot)

Smart Functions

- 3 Modes (Cool Down / Warm Up / Hot & Cool)
- Memory usage for up to 3 users
- Steady temperature control
- One Push On/Off (water and electricity)

Hygiene & Safety

- Ag+ prevents bacterial growth
- 9 Safety Features for worry free showering experience



TG3AE1

Elegant Design

- Stylish panel with iconic corner control
- Premium shower head with ergonomic grip + 3-way showering mode (normal/wide/spot)

Ease of Use

- Stepless rotatable power control knob
- One Push On/Off (water and electricity)

Hygiene & Safety

- Ag+ prevents bacterial growth
- 9 Safety Features for worry free showering experience



TG3BL1

Minimalist Design

- Easily fits the interior of any bathroom
- Premium shower head + 3-way showering mode (normal/wide/spot)

One Knob for Simple Operation

- One knob for rotate On/Off and power control
- Easy control & operation

Hygiene & Safety

- Ag+ prevents bacterial growth
- 9 Safety Features for worry free showering experience

KDK Storage Home Shower

Introducing the KDK storage home shower – your ultimate solution for safety and style. Engineered with cutting-edge safety features, it guarantees a peace of mind for your family. Its modern, compact design not only adds a touch of elegance to any bathroom but also ensures easy installation. Experience the perfect blend of comfort, safety, and sophistication.





RG20AHM1 (20L)



RG30AHM1 (30L)



Durability and Safety Harmonised

Ultimate Safety



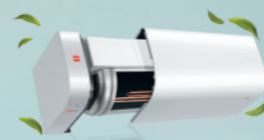
Featuring an IPX4 waterproof case for exceptional water resistance, a built-in Earth Leakage Breaker (ELB) to safeguard against electric shocks, and non-combustible materials.

Advanced Japan Technology



Crafted from Made-In-Japan stainless steel, our product offers durability and resistance to oxidation and corrosive elements.

Excellent Energy Efficiency



Patented insulation and heating technologies, designed to maximize efficiency.



Compact Design

Sleek, elegant, and lightweight design, crafted to fit any space. It ensures easy installation and adds a touch of sophistication to your bathroom.



Maintenance-Free*

Enjoy a worry-free experience with KDK storage home shower, designed with our premium Made-in-Japan corrosion prevention structure.

*T&Cs apply.



Japan Quality


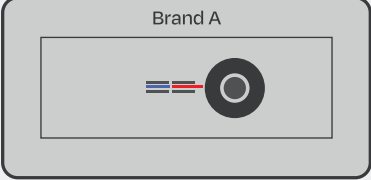

Our steadfast commitment to quality control in our manufacturing process ensures that we deliver superior, top-tier products to our customers.


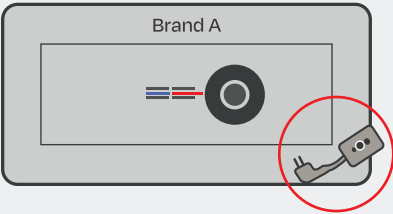
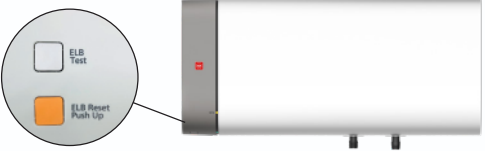




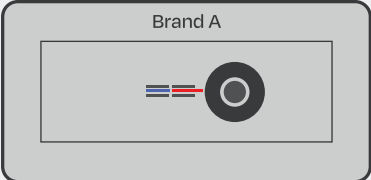

Environmentally Friendly

By embracing recyclable materials and optimizing energy efficiency, we proudly uphold our promise to be eco-friendly.

Ultimate Safety For Your Peace of Mind

 <p>Safe From Fire</p>	<p>Conventional Storage Water Heater</p>  <p>High Risk of Combustion</p> <ul style="list-style-type: none"> • Lower heat resistance with urethane as heat insulator. • External case material made of combustible grade plastic. 	<p>KDK Storage Home Shower</p>  <p>Low Risk of Combustion</p> <ul style="list-style-type: none"> • Insulated styrofoam of non-combustible material grade (VO). • External case (front cover) made of steel.
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 <p>Safe From Electric Shock</p>	<p>Conventional Storage Water Heater</p>  <p>ELB Attached at Power Cord</p> <ul style="list-style-type: none"> • Space-consuming and risk of improper installation. • Risk of removal by unauthorized power cord replacement. 	<p>KDK Storage Home Shower</p>  <p>Built-In Earth Leakage Breaker (ELB)</p> <ul style="list-style-type: none"> • Space-saving and no additional installation required. • Available within and cannot be easily removed.
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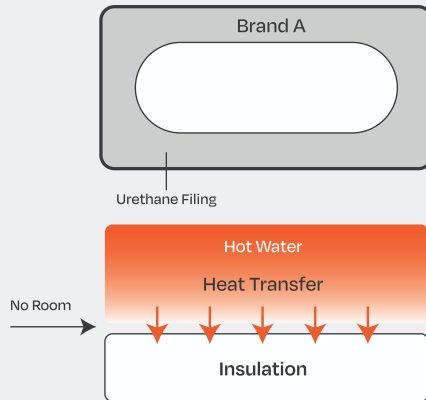
 <p>Safe From Water Splashes</p>	<p>Conventional Storage Water Heater</p> <p>IPX1 </p>  <p>IPX1: Limited Water Protection</p> <ul style="list-style-type: none"> • Resistant to water that drips vertically onto the tank. • Limited protection against water drips of 1.5 mm/min. 	<p>KDK Storage Home Shower</p>  <p>IPX4: Full Water Protection</p> <ul style="list-style-type: none"> • Protected from water splashes from multiple directions. • Resistant to sprayed water of 10L/mm.
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Energy Efficiency That Maximizes Savings



Patented Heat Insulation

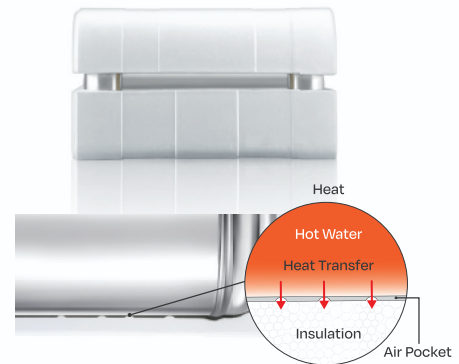
Conventional Storage Water Heater



More Heat Loss without Styrofoam

- The urethane filling cannot be repaired if damaged.
- Heat loss on thin sections and areas that are not covered with urethane.

KDK Storage Home Shower



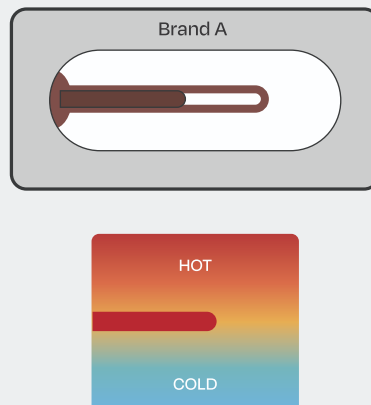
Minimal Heat Loss with Curved-Shape Styrofoam

- Better heat retention using styrofoam with layers of air.
- Patented technology from Japan-curve-shaped styrofoam slows down heat transfer.
- The curved shape creates small air pockets that block the flow of heat transfer which minimises heat loss.



Superior Heating Technology

Conventional Storage Water Heater



Center Heating Element

- Inconsistent heat distribution throughout a large space of water.
- Longer heating time to heat maximum volume of water from 20°C to 75°C.

KDK Storage Home Shower



Bottom Heating Element

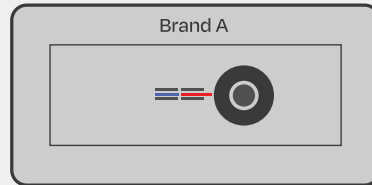
- Placed at an optimum position for effective and consistent heat convection.
- Shorter heating time to heat maximum volume of water from 20°C to 75°C.

Streamlined Design For Effortless Installation



Easy Installation With Lightweight Design

Conventional Storage Water Heater



Heavy Structure - 13kg

- Urethane is heavier than styrofoam pieces, making installation difficult.
- Steel with enamel coating is thicker and heavier.

KDK Storage Home Shower



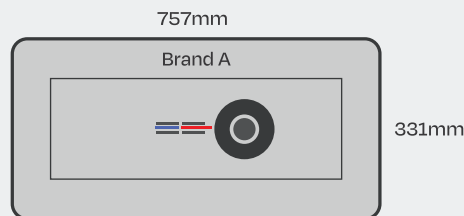
Lightweight Structure - 10kg*

- Contains 2 styrofoam pieces that are lightweight, making installation easy.
 - Stainless steel material is designed to be only 0.8mm thin.
- *Storage home shower weight without water.



Compact Design And Space-Saving

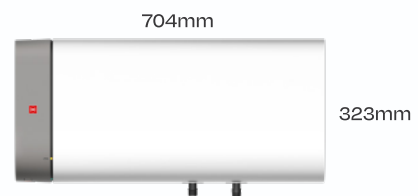
Conventional Storage Water Heater



Bulky and Space-Consuming 757 (W) x 331 (H) x 341 (D) mm

- Takes up more space especially in small bathrooms due to bulky design.

KDK Storage Home Shower



Compact and Space-Saving *704 (W) x 323 (H) x 310 (D) mm

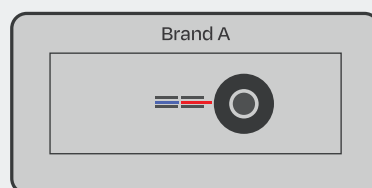
- Large capacity storage home shower is able to fit in tight spaces.

*For RG30AHM1



Easy-To-See LED Indicator

Conventional Storage Water Heater



Not User-Friendly Front Indicator and Operational Knob

- Lack of accessibility and visibility when installed at high, overhead position.

KDK Storage Home Shower



Easy-To-See Bottom LED Indicator and Operational Button

- Easy visibility at a high, overhead position with bottom LED indicator.

Product Line-Up



RG20AHM1 (20L)



RG30AHM1 (30L)

Long Lasting Durability Tank

- Anti-corrosion stainless steel tank.
- Withstands temperatures up to 90°C, lowering corrosion rate.

Ultimate Safety

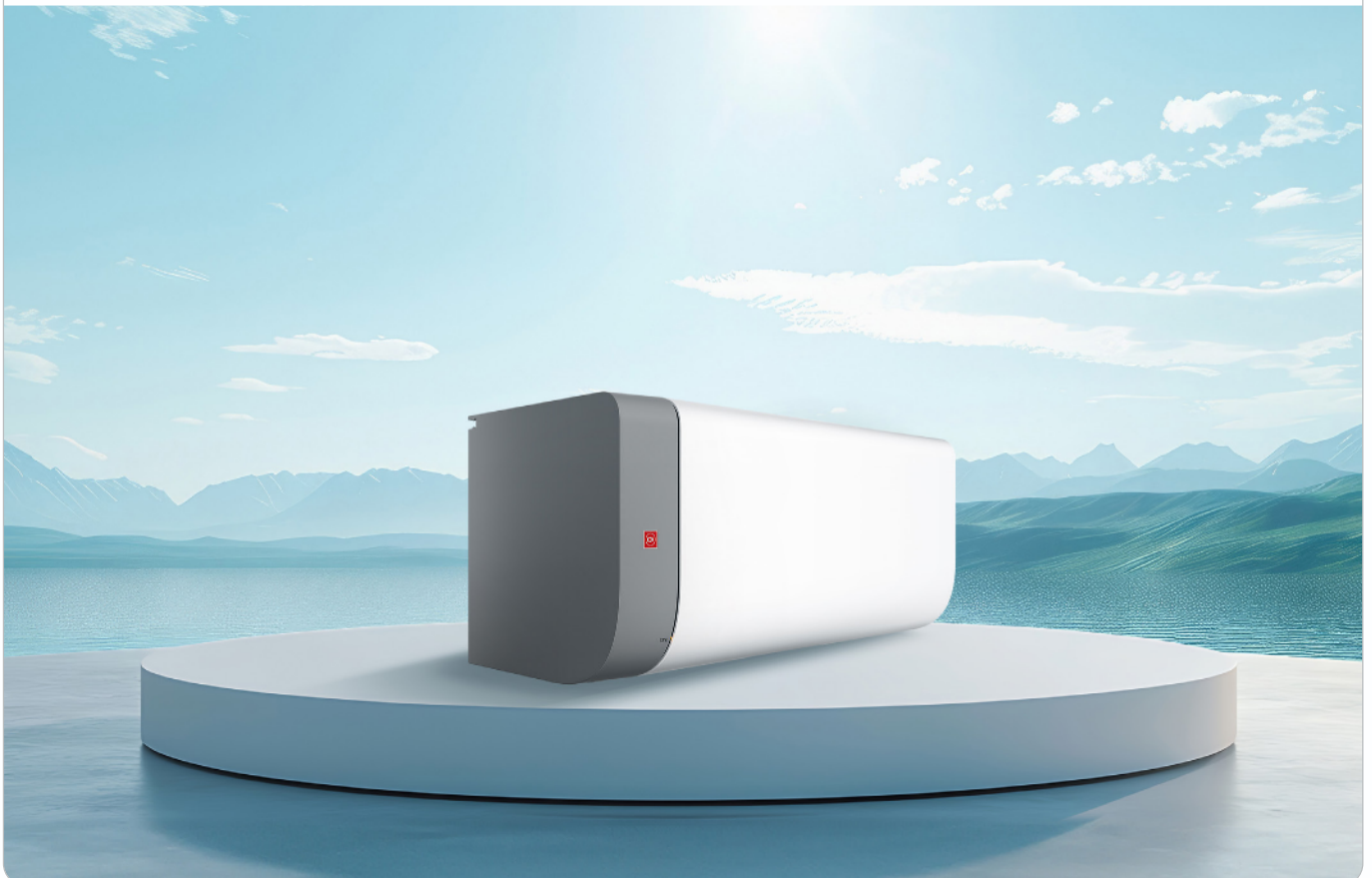
- IPX4 Waterproof case. Multi directional water resistance.
- Non-combustible material against fire & burns.
- Built-In Earth Leakage Breaker (ELB).

Energy Saving

- Curve-shaped insulation Styrofoam minimize heat loss.

Compact Design

- Space saving & light weight.
- Easy installation & fits any bathroom design.



Product Specifications

Instant Home Shower

Model	TG3AD1	TG3AE1	TG3BL1
Voltage	230V a.c. 50Hz	230V a.c. 50Hz	230V a.c. 50Hz
Power Consumption	3300 W	3300 W	3300 W
Electric Temperature Control	Inlet Water Temp. PO (Off), 32 °C - 45 °C	-	-
Electric Power Control	-	Min ~ 3300 W	Inlet Water Temp. (Off), 1000 W ~ 3300 W
Min. Water Pressure	9.8 kPa / 0.1 kgf/cm ² / 1.42 psi / 0.098 bar	9.8 kPa / 0.1 kgf/cm ² / 1.42 psi / 0.098 bar	9.8 kPa / 0.1 kgf/cm ² / 1.42 psi / 0.098 bar
Max. Water Pressure	380 kPa / 3.87 kgf/cm ² / 55 psi / 3.8 bar	380 kPa / 3.87 kgf/cm ² / 55 psi / 3.8 bar	380 kPa / 3.87 kgf/cm ² / 55 psi / 3.8 bar
Weight	1.9kg	1.5 kg	1.6 kg
Outlet System	Single Point System (Open Outlet)	Single Point System (Open Outlet)	Single Point System (Open Outlet)
Width	210 mm	210 mm	190 mm
Depth	78 mm	78 mm	82 mm
Height	385 mm	385 mm	380 mm
Shower Head	3 Way, Rail Rod	3 Way, Rail Rod	3 Way, Rail Rod
Heater Tank	Copper	Copper	Reinforced Polyamide
On/Off Control	One Push On/Off	One Push On/Off	Analog Control Knob