

Induction Heating Type

# Instant food cooker

user guide



GOD DESIGN



※Please read this user guide thoroughly for your safety and prevention of financial damage prior to using the product.

# 01 Check list prior to using the product

► Please check the following information before starting using the product!



**DO NOT modify or disassemble by yourself.**

## Cautions

**01** Please check product exterior prior to installation and make sure there is no damage before proceeding installation,

**02** Please check whether the product functions correctly after installation and fill up and keep product warranty (Contained in user guide),  
(Failure to do this may cause cost for service)

**03** Bumil Industrial Co., Ltd is not liable for the below cases,  
• Failure to follow instructions or cautions in user guide,  
• Damage or incident caused by unauthorized repair or modification which is not performed by Bumil Industrial Co., Ltd service center, partners or designated technicians,  
• Damage caused by natural disaster (Fire, earthquake, flood, lightning, etc)

**04** Please keep this user guide for future reference.



Things you need to know

### Cautions in case of product malfunction

- DO NOT dissemble the product in case of any malfunction, which may cause further damage or accident.
- Please perform troubleshoots by referring user guide prior to service request. If the problem persists, please feel free to contact our customer service center.

# 02 Cautions

► Cautions are displayed in easy-to-understand drawings to prevent safety incident caused by user mistake and enable seamless use of the product, Please read and understand drawings and their descriptions before using the product,

## Hazard

Failure to following the instruction may lead to death or serious injury

## Warning

Failure to following the instruction may lead to serious physical injury

## Caution

Failure to following the instruction may lead to serious injury or property damage

### Cautions for power source

- DO NOT use damaged power plug or loose socket which may cause electric shock or fire,



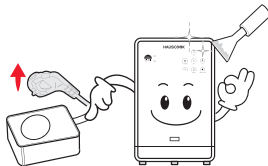
 Hazard

- DO NOT use multiple appliances on extension code,  
※Use dedicated power source for the product,



 Hazard

- Unplug power cable when repairing product or replacing part,



 Caution

- Tightly insert power plug and make sure it is not loose,



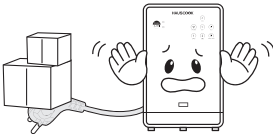
 Warning

- DO NOT touch power plug or cable with wet hands,



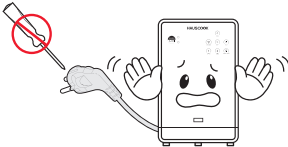
 Hazard

- DO NOT damage or deform power cable by placing heavy object or bend by force,



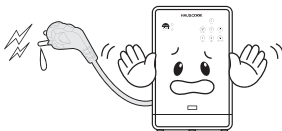
 Caution

- DO NOT process, dissemble, repair or modify power cable by yourself,



 Hazard

- DO NOT put the product in water or spray water on the product which can cause electric shock and fire,



 Hazard

## 02 Cautions

### Installation cautions

- Connect power plug.
- Please check power socket is compatible with plug specification.



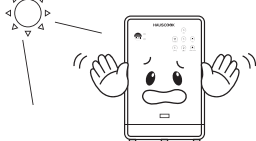
**⚠ Caution**

- DO NOT use the product in humid or wet area as there is high risk of electric shock.



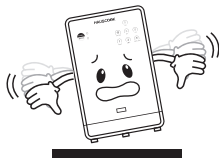
**⚠ Hazard**

- DO NOT install the product in area with direct sun light which may deform product exterior or degrade functions.



**⚠ Caution**

- DO NOT operate the product at tilted position, which can cause functional degradation.



**⚠ Caution**

- Please connect the product to room temperature water.



**⚠ Caution**

- DO NOT open, repair or modify the product in case of product damage or malfunction.



**⚠ Hazard**

- DO NOT use the product near volatile chemicals.



**⚠ Hazard**

- DO NOT move the product during operation, which can cause malfunction or electric shock.



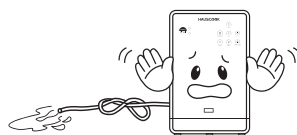
**⚠ Warning**

- Please empty hot water and water container.



**⚠ Caution**

- DO NOT tangle or bend water supply hose.

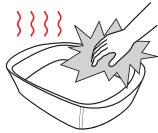


**⚠ Warning**

## 02 Cautions

### Usage cautions

- Please be cautious that supplied hot water and heated container is extremely hot.



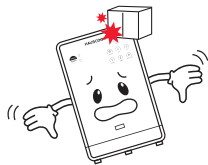
**⚠ Caution**

- DO NOT allow children to use the product by themselves or DO NOT use the product within reach of children.



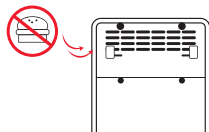
**⚠ Caution**

- DO NOT impact or drop heavy object on the product.



**⚠ Caution**

- Avoid inflow of any foreign substance through ventilation hole or gap.



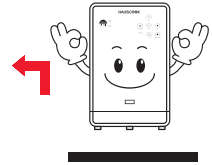
**⚠ Caution**

- DO NOT use chemicals when cleaning product. (Thinner, benzene, wax, etc)



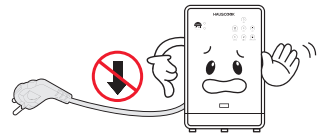
**⚠ Hazard**

- Please completely lift up instead of dragging when moving the product. (Please empty hot water and water container when moving it to distant place.)



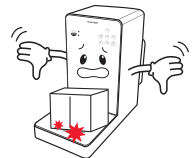
**⚠ Warning**

- DO NOT pull or press power cord when moving the product.



**⚠ Warning**

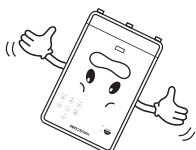
- DO NOT give excessive impact or place any other objects rather than compatible container on heating part (Glass top).



**⚠ Hazard**

## 02 Cautions

- DO NOT move or put the product in reverse position during operation.



**Caution**

- DO NOT heat up empty container or small amount of food for long time.



**Caution**

- Use only compatible induction container or disposable aluminum container.



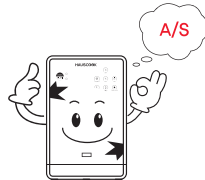
**Caution**

- DO NOT place container too close to infrared sensor, (Infrared sensor may not recognize the container.)



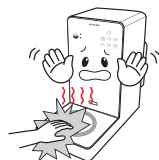
**Caution**

- When glass top is cracked or broken, turn off power and stop using the product to avoid electric shock and contact service center.



**Caution**

- There is risk of burn on hot surface after cooking. Please cool down the glass top before touching or cleaning.



**Caution**

- Use compatible induction container with 10~18cm diameter flat bottom.



**Caution**

- New hose-set supplied with the appliance are to be used and that old hose-sets. This appliance is to be used in household and similar applications such as :
  - staff kitchen areas in shop, office and other working environments,
  - farm houses
  - byclients, motels and other residential type environments: bed and breakfast type environments.

## 02 Cautions

- Metallic objects such as knives, forks, spoons and lids should not be placed on the hotplate since they can get hot.



### ⚠ Caution

- In order to avoid a hazard due to inadvertent resetting of thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.



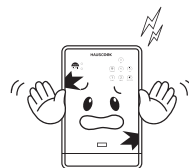
### ⚠ Caution

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.



### ⚠ Caution

- If the surface is cracked, switch off the appliance to avoid the possibility of electric shock.



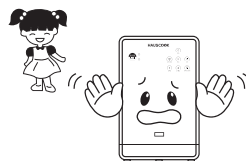
### ⚠ Warning

- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.



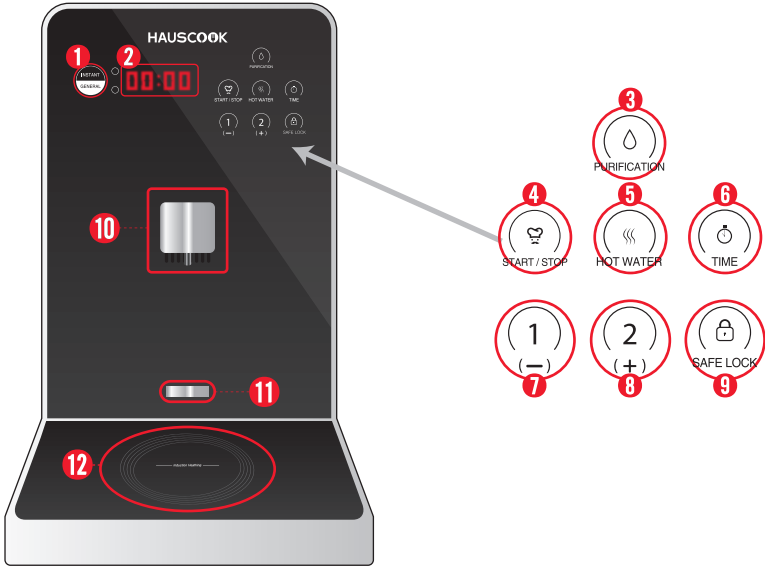
### ⚠ Caution

- children should be supervised to ensure that they do not play with the appliance.



### ⚠ Caution

# 03 Parts and functions (Home use)

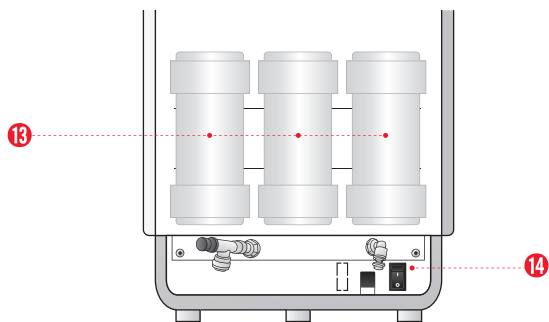


01	Cooking mode selection	• Function to select instant or general cooking mode. (Clicking button to change cooking mode and the current mode will be displayed on LED window )
02	Display screen	• Display hot water container temperature, container detection, cooking time, error message, etc.
03	Purification	• Supply purified water by clicking purification button.
04	Start/Stop	• Start or stop cooking.
05	Hot water	• Supply about 85℃ hot water. (Can perform hot water supply after container detection and disabling Safe Lock.)



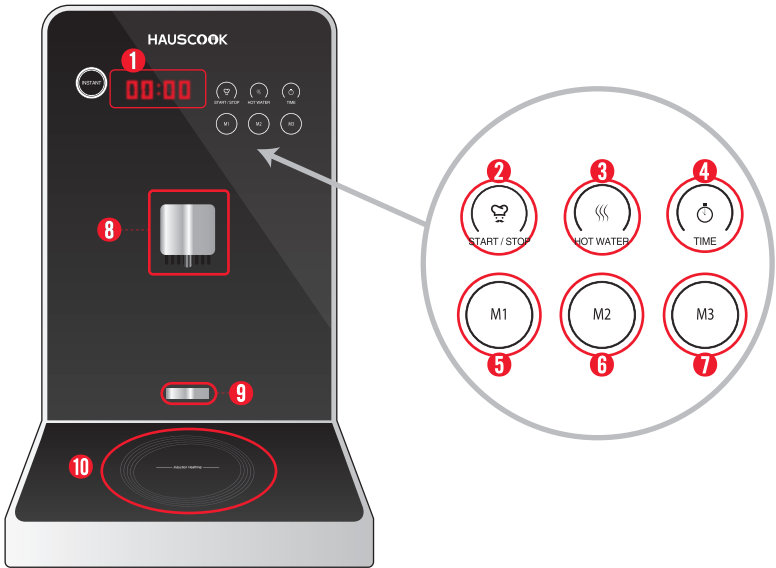
# 03 Parts and functions (Home use)

06	Time	• Add cooking time during instant cooking or set time for general cooking timer mode.
07	Burner control (Level 1)	• IH burner control - Cook over low heat. (Applicable for general cooking mode only)
08	Burner control (Level 2)	• IH burner control - Cook over high heat. (Applicable for general cooking mode only)
09	Safe Lock	• Safety feature. (Hot water supply is enabled after clicking Safe Lock and pressing hot water button)(*)
10	Nozzle	• Purified water and hot water hose.
11	infrared ray sensor	• Check whether container is placed. (Container is mandatory for cooking or hot water supply)
12	IH (Induction Heating)	• Part to place and heat up container. (Glass top)



13	Purification filter	• Supply purified water with built in purification filter (4 steps). (Can be used as water purifier)
14	Power switch	• Power switch ON/OFF

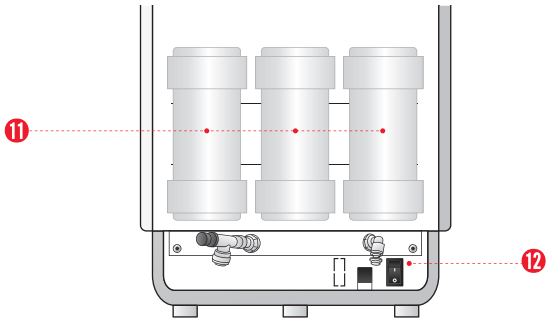
# 03 Parts and functions (Commercial use)



01	Display screen	• Display hot water container temperature, container detection, cooking time, error message, Etc.
02	Start/Stop	• Start or Stop cooking.
03	Hot water	• Supply about 85°C hot water by clicking button.
04	Time	• Add cooking time during instant cooking, (+30sec. )
05	M1	• Memory function 1.

# 03 Parts and functions (Commercial use)

06	M2	<ul style="list-style-type: none"><li>• Memory function 2.</li></ul>
07	M3	<ul style="list-style-type: none"><li>• Memory function 3.</li></ul>
08	Nozzle	<ul style="list-style-type: none"><li>• Water hose.</li></ul>
09	Infrared ray sensor	<ul style="list-style-type: none"><li>• Check whether container is placed. (container is mandatory for cooking or hot water supply)</li></ul>
10	IH (Induction Heating)	<ul style="list-style-type: none"><li>• Part to place and heat up container. (Glass top)</li></ul>



11	Purification filter	<ul style="list-style-type: none"><li>• supply purified water with built in Purification filter. (4 steps)</li></ul>
12	Power switch	<ul style="list-style-type: none"><li>• Power switch ON/OFF</li></ul>

## 04 IH compatible and incompatible dish and container types

### Compatible container

#### 01 Stainless steel container

- Heating power can be degraded depending on type of stainless steel container.
- Container must have magnetic force.



#### 02 Enamel container



#### 03 Steel container

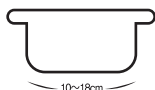
- May not be allowed to use depending on container material.
- Only IH(Induction Heating) compatible container is allowed to use.
- Clinking resonance sound or slight vibration can be generated depending on container type or amount of water.



#### 04 Container with flat bottom which can adhere to glass top



#### 05 Container with 10 ~ 18Cm diameter of bottom, and less than 12Cm of height



### Incompatible container

#### 01 Aluminum container



#### 02 Heat resistant glass container



#### 03 Ceramic container

- IH- Compatible ceramic container can be used but heating power can be degraded depending on product type.



#### 04 Container with legs

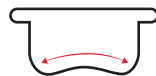


#### 05 Container with rounded bottom



#### 06 Container with curved bottom

- Do not use container with over 2mm curve.



#### 07 Container with less than 10Cm diameter of bottom, or over 12Cm of height

- If using Container with less than 10Cm diameter of bottom, heating power is lowered or container may not be heated as it degrades container recognition function.

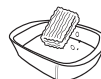


## 05 How to use : Instant cooking mode (Home use)

### Instant cooking mode

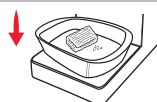
01

Put instant food and source in disposable Aluminum container or Steel container.



02

Place container at the center of glass top.  
(Must place container as it is detected by sensor)



03

Select Instant cooking function from general cooking and Instant cooking on the left side.



04

Unlock by pressing Safe Lock button and click Start/Stop button to start Instant cooking.



START / STOP

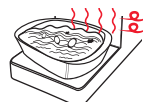
05

Cooking time is set to 3 minutes and 50 seconds by default and remaining time is displayed on time display window by reverse counting the time.



06

Once cooking starts, blower fan in nozzle will blow away steam during operation.



+30 seconds

07

To add time during operation, click Time button to add time, (30 seconds per click)



TIME

08

To add water during operation, press Safe Lock button to unlock and press hot water button to supply additional water.



HOT WATER

09

When cooking is completed, operation will automatically stop with END message and alert sound. (Press start button during cooking to force stop the operation)



10

Move container slowly when cooking is completed.  
Be cautious as it is extremely hot and may cause burn.

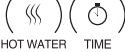


# 05 How to use : Instant cooking setting mode (Home use)

## Set amount of hot water supply


- 01

Set cooking mode to Instant cooking and simultaneously press and hold hot water and time button for three seconds to get into setting mode, (Display screen shows CAL when it is on setting mode)



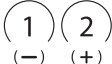
+3 seconds
- 02

Press hot water button to move to screen to set amount of hot water supply, (Amount of hot water supply flashes on display when it is on amount of hot water supply setting screen)




HOT WATER
- 03

Adjust amount of hot water supply by using +/- button, The adjusted value is automatically saved after 5 seconds, (Adjustable from 250ml to 500ml by 10ml unit.)



1 2  
(-) (+)
- 04

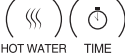
Specified amount of hot water will be supplied during instant cooking.



## Set cooking time


- 01

Set cooking mode to Instant cooking and simultaneously press and hold hot water and time button for three seconds to get into setting mode, (Display screen shows CAL when it is on setting mode)



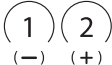
+3 seconds
- 02

Press time button to move to screen to set cooking time, (Cooking time flashes on display when it is on cooking time setting screen)




TIME
- 03

Adjust cooking time by using +/- button, The adjusted value is automatically saved after 5 seconds, (Adjustable from 2 min 30 sec to 6 min by 10 second unit.)



1 2  
(-) (+)
- 04

Cooking operation runs for specified time on Instant cooking mode.

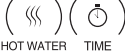


Cooking in progress

## RESET


- 01

Set cooking mode to Instant cooking and simultaneously press and hold hot water and time button for three seconds to get into setting mode, (Display screen shows CAL when it is on setting mode)



+3 seconds
- 02

On Calibration mode, press Start/Stop button to reset amount of hot water supply and cooking time, (CALO flashes on display while processing reset.)




START / STOP
- 03

Reset value will be automatically saved 5 seconds after resetting.

5 seconds

➡ Auto save
- 04

Cooking operation runs for default values on Instant cooking mode, (Amount of hot water supply - 400ml , Cooking time - 3min 50sec)



Cooking in progress

## 05 How to use: general cooking mode (Home use)

### General cooking mode

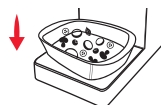
01

Place food in container, (Use only compatible induction container)



02

Place the container closely to the center of glass top.  
(Must place container as detected by sensor)



03

Set to general cooking from general cooking and Instant cooking function option on the left side.



04

Press purification or hot water button to supply water for cooking.  
(However, Hot water button can be enabled after pressing Safe Lock to unlock and detecting the container by sensor)



05

Place food and desired amount of water in container and press Start button to start cooking.



06

After pressing Start button, cooking operation runs up to 60 minutes,  
showing elapsed time on time display.



07

Cooking will end after 60 minutes.  
(Press Start button during cooking to stop operation by force)



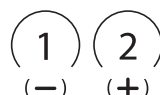
08

When completed, move container slowly.  
(Be cautious as it is extremely hot and may cause burn, )



09

Heat level can be adjusted by 2 level during general cooking.  
(Level 1: Low / Level 2: High)



## 05 How to use : general cooking timer mode (Home use)

### General cooking timer mode

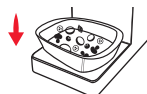
01

Place food in container, (Use only compatible induction container )



02

Place the container closely to the center of glass top.  
(Must place container as detected by sensor )



03

Set to general cooking from general cooking and Instant cooking function option on the left side,



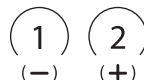
04

Press purification or hot water button to supply water for cooking.  
(However, Hot water button can be enabled after pressing Safe Lock to unlock and detecting the container by sensor)



05

Press Time button to get into Timer mode, Set desired time on timer mode by using +/- button.  
(Adjustable from 30 sec to 20 min, )



06

Place food and desired amount of water in container and press Start button to start cooking,



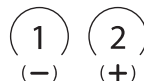
07

Remaining time is displayed on time display window by reverse counting the time,



08

To change cooking time during operation, press Time button and click +/- button to set time.  
(Timer is adjustable from 30 sec to 20 min, )



09

When cooking is completed, operation will automatically stop with END message and alert sound, (Press start button during cooking to force stop the operation)



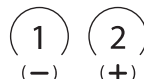
10

Move container slowly when cooking is completed,  
Be cautious as it is extremely hot and may cause burn,



11

Heat level can be adjusted by 2 level during general cooking.  
(Level 1: Low / Level 2: High)



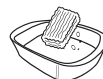


## 05 How to use : Instant cooking mode (Commercial use)

### Instant cooking mode

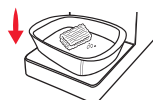
01

Put instant food and source in disposable Aluminum container or Steel container,



02

Place container at the center of glass top.  
(Must place container as it is detected by sensor)



03

Select Instant cooking function from general cooking and Instant cooking on the left side,



04

Click Start/Stop button to start Instant cooking.



START / STOP

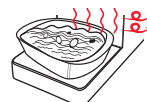
05

Cooking time is set to 3 minutes and 50 seconds by default and remaining time is displayed on time display window by reverse counting the time,



06

Once cooking starts, blower fan in nozzle will blow away steam during operation,



07

To add time during operation, click Time button to add time, (30 seconds per click)



TIME

+30 seconds

08

To add water during operation, press Safe Lock button to unlock and press hot water button to supply additional water,



HOT WATER

09

When cooking is completed, operation will automatically stop with END message and alert sound, (Press start button during cooking to force stop the operation)



10

Move container slowly when cooking is completed.  
Be cautious as it is extremely hot and may cause burn,





# 05 How to use : setting for Instant cooking memory (Commercial use)


## Setting for hot water amount

- 01




Set after presss imultaneously the hot and time button for 3 second,  
(CAL mark appears on the display screen when starting setup mode.)




+3 seconds


- 02

Select the memory to set,  
(The selected memory number is displayed on the display.)



- 03

Press the hot water button to set the desired level for water amount,  
(Water quantity will increases by 50ml every time whenever you press the hot water button once, and water amount of 0 ~ 800ml can be set.)



+50ml  
(0~800ml)
- 04



It is stored automatically after 5 seconds of setting,  
and the hot water is discharged at the preset hot water flow rate when cooking.




## Setting the cooking time

- 01




Set after presss imultaneously the hot and time button for 3 second,  
(CAL mark appears on the display screen when starting setup mode.)




+3 seconds


- 02

Select the memory to set,  
(The selected memory number is displayed on the display.)



- 03

Set the desired cooking time by pressing the time button,  
(Whenever you press the button once, it increases by 30 seconds.  
It can be set from 1 minute 50 seconds to 9 minutes 50 seconds.)



+30 seconds  
(1 minute 50 seconds  
~ 9 minutes 50 seconds)
- 04



Resetting saved automatically after 5 seconds after setting start,  
and it is cooked at the presetting cooking time,




## RESET

- 01




Set after presss imultaneously the hot and time button for 3 second,  
(CAL mark appears on the display screen when starting setup mode.)




+3 seconds


- 02


Select the memory to RESET,  
(The selected memory number is displayed on the display window.)


- 03

Press START / STOP button to reset the amount of hot water and cook time.  
(Displayed and flashes as CALO on the display screen.)



START / STOP


- 04

It is saved automatically after 5 seconds and it is cooked to the initial setting mode  
When cooking,  
(Amount of hot water : 400ml, cooking time : 3 minutes and 50 seconds)

Initial setting  
method

→

400ml  
3 minute  
50 seconds

## 06 How to clean

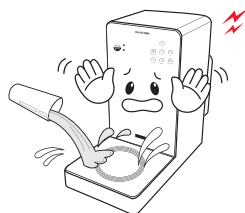
### 01 When glass top is stained by food, make sure the cook top is completely cooled down before starting cleaning

- Remaining heat may cause burn.
- Keep the cook top nice and clean all the time.



### 02 Do not wash cooker body with water.

- Water may be leaked into electric parts and cause malfunction.



### 03 Use squeezed cloth for simple and light cleaning,



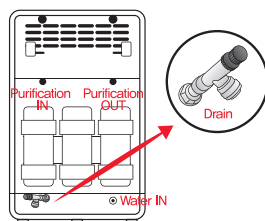
### 04 Salt or sugar is stuck on glass top may cause damage. Please clean it up immediately..



## 07 How to install

### Installation cautions

- 1 Carefully identify drainage and supply part when installing the product.
- 2 Incorrect location of the parts may cause leakage in the product or malfunction.
- 3 Install end fitting in drainage part to block outflow of water.
- 4 Perform drainage work to open end fitting only when draining water.
- 5 Install water purification filter cover after mounting purification filter.

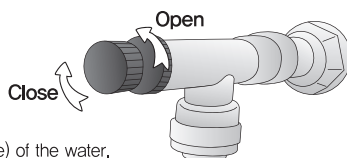


### How to install product

- 1 Place the product on flat table.
- 2 Carefully identify drainage and supply part when installing the product.
- 3 Remove end fitting from water supply part and connect hose.
- 4 Check power socket and plug specification and plug in power cable.
- 5 Power on. (Switch ON)
- 6 Before the tank is full of water will show it as ---- on the front display. When the water is full, the hot water temperature is displayed on the display.
- 7 Instant cooking and hot water supply function is enabled when water temperature reaches 75°C or higher. It is recommended to use the function at 85°C. (Check water temperature on display screen)

### How to drain water

- 1 Prepare a container or bucket with a capacity of 3 liters or more.
- 2 Turn off the power and place the prepared container or water bottle under the drain.
- 3 Drain valve Turn counterclockwise to drain water from the product.
- 4 After the drain (water discharge) is completed, turn the valve of the drain valve clockwise to block the drain (water discharge) of the water.



## 08 Before service request



The product may not work correctly due to incorrect usage or minor problems which is not malfunction. In those cases, please check the followings to resolve the issue without support from service center. If the problem persists even after checking the following items, please feel free to contact service center for further assistance.

### Symptom

### Resolution

01

Not working when pressing button

- Check earth leakage breaker and power plug connection,
- Check if power switch is on,

02

Power is on but the product is not working when pressing button

- Check whether hot water temperature is 75°C or higher,
- Check whether hot water heater is working properly, (Check whether hot water temperature on Display)
- Check if container is placed on correct location, (Shows On on Display when located correctly)
- Check whether the container is IH compatible, (See IH compatible container)
- Check if Safe Lock is unlocked, (Unlock by pressing and holding Safe Lock button for 3 seconds)

03

Noise during operation

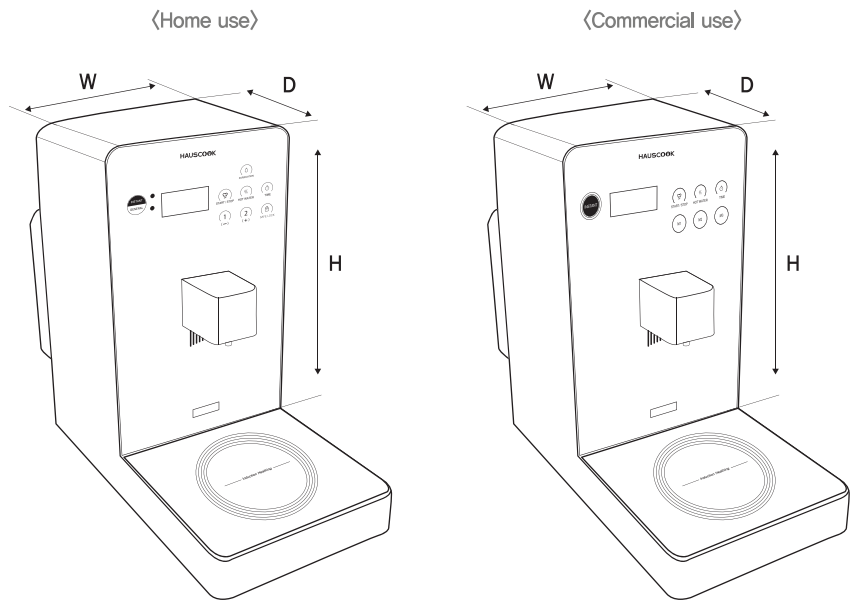
- There may be dinking sound which is made by thermal expansion of IH container, (Resonance sound may occur depending on container type)
- Buzzing sound is from fan motor which cools down internal heat, (The level of sound varies depending on internal temperature)

04

Error Code

- Check power socket and plug specification and connection,
- Check whether the container is IH compatible, (See IH compatible container)
- Check container size, (Must use container with 10Cm~18Cm diameter of bottom)
- Turn off power to stop operation for few seconds and start it again,
- If the problem persists, please contact service center .

09 Specification



※ This specification is subject to change without prior notification to improve quality.

Model	FCH-D100-H	FCH-D220-H	FCH-D220-C
Rated power / Frequency(V/Hz)	100V-120/50-60Hz	200V-240 / 50-60Hz	200V-240 / 50-60Hz
Rate power (Kw)	1,300	1,700	1,700
Water tank capacity (Liter)	2,5L (Water tank 1,5L, Hot water tank 1,0L)	2,5L (Water tank 1,5L, Hot water tank 1,0L)	2,5L (Water tank 1,5L, Hot water tank 1,0L)
Size (mm)	W230 X D490 X H410	W230 X D490 X H410	W230 X D490 X H410
Weight (Kg)	7	7	7
Cooking type (Instant / General)	Instant/General cooking	Instant/General cooking	Instant cooking (Memory function)
Water purification function (4 step filter)	Water purification filter to water purification function		

# 09 Strength

## Strength

### Simple design

- Luxurious style by trendy black & white color.
- Design innovation.



### Higher safety by safe lock feature

- Safe lock prevents children from using hot water.



### Safe as it does not use fire

- Induction allows safe cooking without having to worry about fire.



### Water adjustment for instant food by one touch button

- Super easy water adjustment by optimized functions to cook instant food.



### 4 step Water purification filter system (Option)

- Safe cooking with clean purified water.
- Can be used as water purifier.



### Efficient composite cooking appliance

- Integrated hot water heater and IH stove to maximize space usage.



### IH Induction heating cooker

- carbon monoxide and atmospheric heat free..
- Make kitchen environment safe and clean.



### Small size but powerful performance

- Unlike traditional heating type, the product directly heat cooking container for faster cooking with higher thermal efficiency.



### Hot from start

- Cooking with 80°C ~ 85°C hot water, it shortens cooking time and improve food taste.



### Pump installation (option)

- Allow to use product in any places without direct water supply.
- ※ Make sure water tank or mineral water tank is filled up



# 10 Warranty

Product name		<b>1 year product warranty</b>
Model		
Manufacture No		
Purchase date	month.      day.      year.	
Store		
Customer signature	(인)	
	TEL .	

[The product is warranted as the followings,]

- ❶ This product is manufactured under strict quality management and inspection.
- ❷ Repair service is provided for free of charge during warranty period when any defect or malfunction occurs in normal operation.
- ❸ Service for the following malfunctions caused by user mistake will be charged even within warranty period.
  - Malfunction caused by user mistake, an unauthorized repair and modification.
  - Malfunction caused by failure to follow user instructions in the guide.
  - Malfunction and damaged caused by natural disaster.
  - Malfunction and damaged caused by external impact.
  - Malfunction and damaged caused by unauthorized Repair or part replacement which is not by Bumil Industrial Co., Ltd's authorized technician.
- ❹ Charged service is provided after warranty period.
- ❺ Please present the warranty when requesting repair service.
- ❻ The warranty cannot be re-issued. Please keep the warranty in safe place.



HQs and Factory : 8B 3L Namdongseo-ro (Namchon-dong), Namdong-gu, Incheon

※ A/S center and inquiry : +82-32-812-3883