

# 以Rasonic 樂信牌

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# Operating / Installation Instructions

Induction Heating Cooktop
For domestic use

Model No. KR-R227E

#### SHUN HING ELECTRIC WORKS AND ENGINEERING CO., LTD.

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Maintenance and Repair Service:

#### SHUN HING ELECTRIC SERVICE CENTRE LTD.

11/F, Shun Hing Centre, 2 Shing Yiu Street, Kwai Chung, N.T. HK

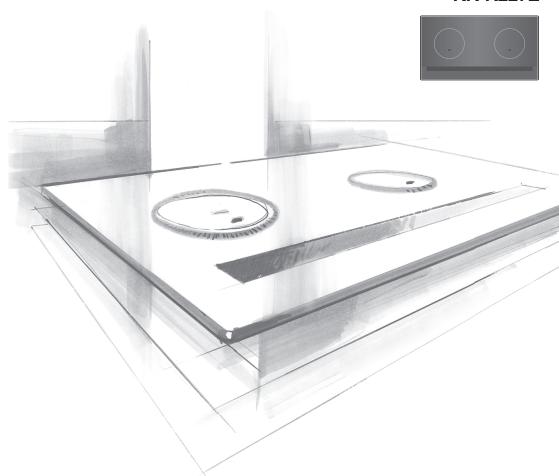
Service Hotline: 2406 5666 Fax: 2408 0316

Website: http://www.shesc.com/en

**Customer Service Centres:** 

1/F, Shun Hing Centre, 2 Shing Yiu Street, Kwai Chung, N.T. HK 20/F, Sino Cheer Plaza, 23-29 Jordan Road, Jordan, Kowloon 22/F, Parkview Centre, 7 Lau Li Street, Tin Hau, Hong Kong Avenida de Venceslau de Morais, No. 193-199, 5 andar - I, Edf. Industrial Nam Leng, Macau

For the latest information of Hong Kong and Macau service centres, please visit http://www.shesc.com/en

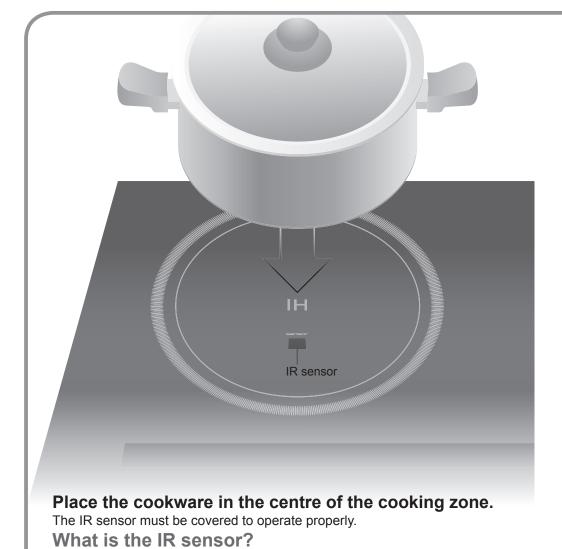


Thank you for purchasing this Rasonic appliance.
This appliance is intended for household use only.
This appliance can be selected as free-standing or built-in.
Please read these instructions carefully before using the appliance.
Keep Operating/Installation Instructions and Warranty Registration
Card for future use.

**ENGLISH** 

TY02HG991 H0519M1119

Preparation



IR sensor prevents overheating and restores the temperature to the original

level when the temperature drops by adding ingredients.

**Pan-frying Mode** 

without burning due

to overheating

Cooks delicious food

#### **IH** (Induction Heating) features

# Safe

Flameless. comfortable cooking with less rise in room temperature



# Clean

Flat top plate for easy care



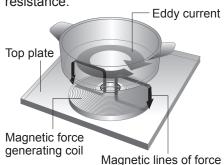
# **Efficient**

Highly efficient and energy-saving heating



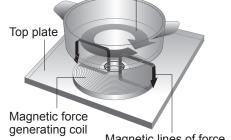
# **IH Cooking Mechanism**

The magnetic line of force produced in the magnetic coil, passes through the metallic cookware, induces an eddy current, and then the cookware generates heat with its electrical



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# resistance.



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**Deep-frying Mode** 

crispy and tasty.

Automatically maintained

temperature makes food

# **Safety Precautions**

# **WARNING**



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. Children should be supervised to ensure that they do not play with the appliance. Keep infants away from the appliance.

#### To avoid fires from overheated oil



- WARNING: Unattended cooking on a hob with fat or oil can be dangerous and may result in a fire.
- Set to *F* or below for preheating.
- Do not overheat oil.

#### For proper function of the IR sensor

■ Cover the sensor. ■ Wipe water off.







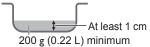




For deep-frying:

■ Use Deep-Fry

■ Observe the amount of oil.



### To avoid injuries or burns caused by bumping

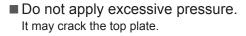


■ Stir liquids before heating.

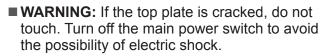


# To avoid fire, explosion or electric shock











- Danger of fire: Do not store items on the cooking surfaces.
- Do not place combustible materials near the appliance.
- After use, turn off the appliance by its control and do not rely on the pot detector (safety features).
- Turn off the circuit breaker when not using the appliance for long period of time.
- Do not disassemble, repair or modify the appliance by yourself.

# To avoid injuries or burns



MCAUTION: Hot surfaces

■ Do not touch the top plate.



■ Metallic objects such as knives, forks, spoons, lids and aluminum foil should not be placed on the hob surface since they can get hot.

#### In case of a malfunction or breakdown

- Smell of burning
- Feeling electricity through the top plate
- Cracked top plate
- Extremely hot power cord
- The power shuts off when the cord is moved.

1 Power











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

# **Safety Precautions**

# **CAUTION**

#### To avoid fire or accidents



■ If you are wearing a medical device, such as a pacemaker, consult your doctor.

The operation of the appliance may affect the medical device.



■ CAUTION: The cooking process has to be supervised. A short term cooking process has to be supervised continuously.

■ Do not use the appliance for purposes other than cooking.



■ Do not place paper or dish towels under the cookware.



For deep-frying:

■ If the oil smokes,



■ Do not use oil preheated by other appliances. The oil temperature control system will not work properly.

# To avoid injuries or burns



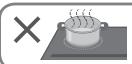
■ Ensure the cookware is stable.

For deep-frying:

■ Do not bring your face close to the cookware.

#### Splattering hot oil

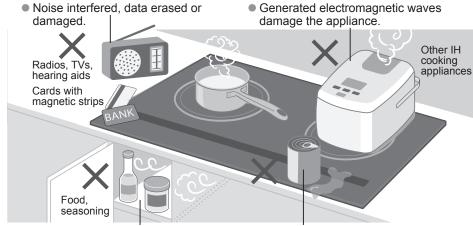
#### To avoid damage to the cookware



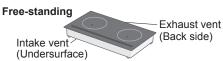
- Do not heat empty cookware.
- Do not overheat ingredients.

# **General Precautions**

■ Do not place the following near or on the top plate.

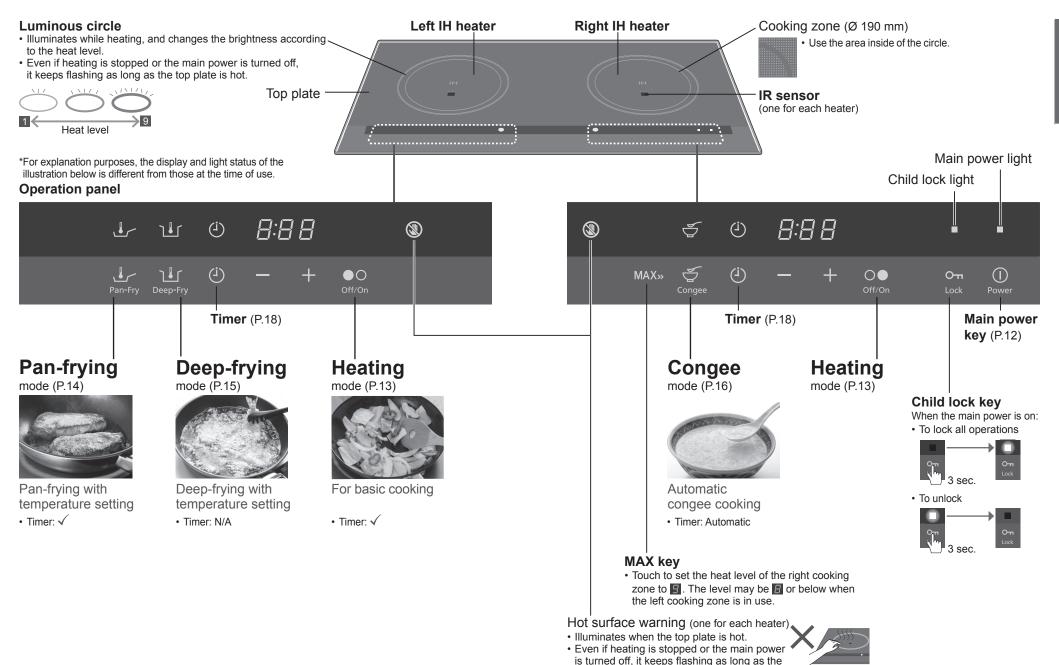


- They may be spoiled by the exhaust heat.
- The appliance is not intended to be operated by an external timer or separate remote control system.
- The operation panel key may malfunction.
- Do not block or clog.■ The filter clog detection may be
  - The filter clog detection may be activated, and the appliance may shut off automatically.



Safety features		
Heating stops.	<ul> <li>No cookware is detected (P.21)</li> <li>Small object on the cooking zone (P.21)</li> <li>Empty pot on the cooking zone (P.20)</li> <li>No operation for a long time (P.22)</li> </ul>	
Heating power is reduced.	<ul> <li>Overheating prevention (P.23)         Heating power is reduced automatically when the bottom of the cookware overheats.     </li> </ul>	
The main power turns off.	<ul> <li>Main power auto shut-off         The main power automatically turns off if 1 minute has elapsed without any operation.     </li> </ul>	
Illuminates when the top plate is hot.	Hot surface warning (P.9)	
Locks all operations.	• Child lock (P.9)	

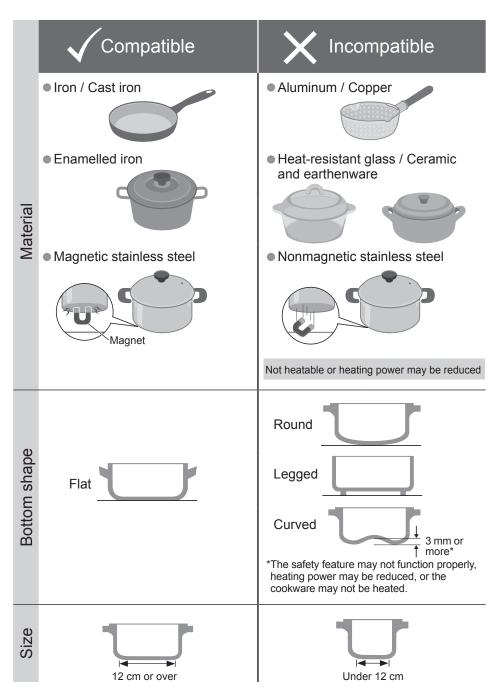
# **Part Names / Functions**

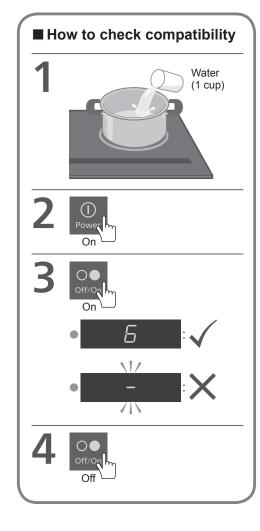


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top plate is hot.

# **Suitable Cookware**





#### Note

#### Ceramic and earthenware

Even if they are made for induction heating:

- The appliance may malfunction.
- · Heating power is reduced.
- Heating stops.



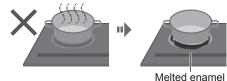
#### Thin bottom

• Turns red-hot and/or deforms



#### Empty enamelware

· Enamel coating may melt and damage the top plate.



Using





Depending on the type, material, and the bottom shape and size of the cookware:

- The actual oil temperature may vary from the set temperature.
- · Preheating may take longer.
- · Heating may stop.

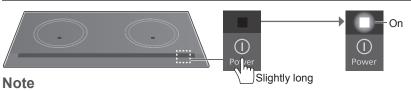
Using (P.16)



has other restrictions.

# **Basics**

# How to turn on the power



• The power automatically turns off if 1 minute has elapsed without any operations.

# **Cooking tips**

Cover the sensor.



Wipe water off before cooking.



When heating more than 45 minutes

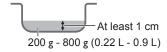


■ When using <a>□</a>



For proper function of the temperature control:

Observe the amount of oil.



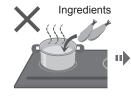
Do not use these oil.



After preheating starts



When preheating



Heating may stop due to detecting an abnormality.

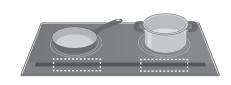


# **Heating Mode**

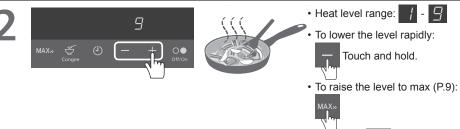


For basic cooking





**■ Timer** ( (P.18)





#### Heat level adjustment guideline

	-	-						
	Low			Medium			High	
1	2	3	4	5	6	7	8	9
75 W	235 W	370 W	500 W	700 W	1000 W	1450 W	2000 W	2800 W
	<del></del>	Simmer		Simmer	lightly	Boil	steam or	stir-fry
14	Thick soup		Light s	oup				
Keep warm	Rehe	eat 、				Pasta, vegetables	Steamed meat bun	Vegetables
	CE	5				_		Hot water
			Pan-fry Hamburg	jer steak			Pan-fry	quickly* Steak

- · Heat values may vary depending on material of the cookware.
- \*Recommend to use Pan-frying mode. (P.14)

# **Pan-frying Mode**

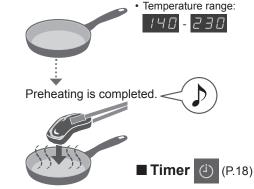


Pan-frying with the temperature setting





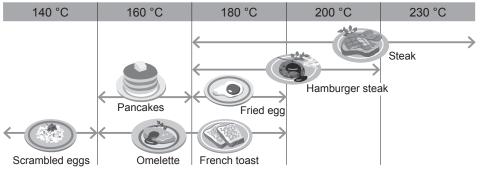








#### Temperature adjustment guideline

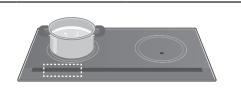


# **Deep-frying Mode**



Deep-frying with the temperature setting

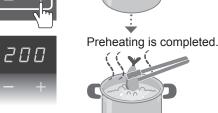




· Temperature range:

140 - 200



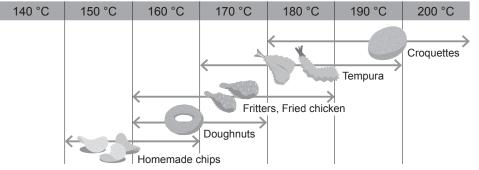








#### Temperature adjustment guideline



# **Congee Mode**



# Cooking congee automatically

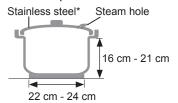
(For 4 or 2 servings)

Measure rice and water correctly.

	Rice	Water
4 servings	170 g (approx. 200 mL)	2.4 L
2 servings	85 g (approx. 100 mL)	1.3 L

· Do not use hot water.

Suitable pots



\*With non-stick coating pots, congee may not be as thick.

After washing rice

Drain the water.



When cooking

Close the lid.



When the top plate is hot



After cooled down.

# Servings



· The number of servings and the cooking time can be changed within 15 seconds after cooking starts.

■ For 2 servings

Start



■ To cook less thickened congee (Reduce cooking time)



· Setting range:



 Touch and hold to change rapidly.

■ To cancel cooking





#### Congee with chicken and dried scallops



Ingredients	4 servings	2 servings
Dried scallops	20 g	10 g
Fresh chicken	200 g	100 g
Rice	170 g	85 g
Water (including soaking water)	2.2 L	1.2 L
Ginger (chopped)	1 slice (15 g)	1/2 slice (7.5 g)
Salt	tsp. 1	tsp. 1/2

Cooking steps

\* Topping: Century egg, coriander, welsh onion, etc.

**Preparation** ① Soak in the water until tender.

Dried scallops



The water will be needed in step 2.



1 Remove skin and fat.



3 Rub salt in.



Rice

Chicken



Wash rice and drain the water.

Put the ingredients into the pot.



, Water and the soaking water used in step 1 Make the surface flat.



Chicken • For 2 servings Cut the chicken into size to be soaked.

Start cooking.

Heating

automatically

stops



1 Close lid and start.



For 2 servings

①Stir. 📎 As you like ②Flake the chicken. 2 Stir occasionally to prevent scorching.



Note

• Do not shorten the heating time. The chicken may be cooked raw.

#### Note

When boiling over Let out the steam.



Approx. 5 seconds

To check number of servings



• When the room temperature is low Congee may not be as thick. Simmer it again.

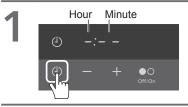


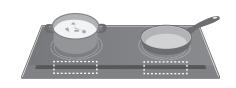




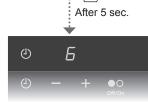
# **Timer**

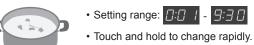


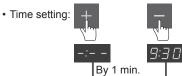






















#### Note

To check the remaining time on



To check the set temperature on



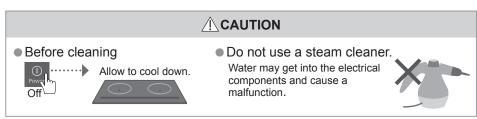
# **Cleaning**

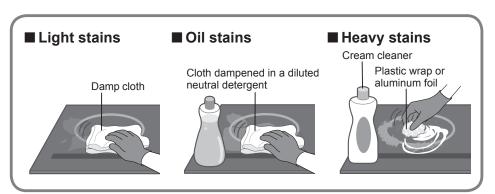
Always keep the appliance clean.

Spilled food or oil scorched on the appliance may become difficult to clean.









#### Note

- Be sure to remove stains.
- Stain will be scorched and stuck on the top plate.



Free-standing appliance Wipe off oil stains from the front and side of the appliance.

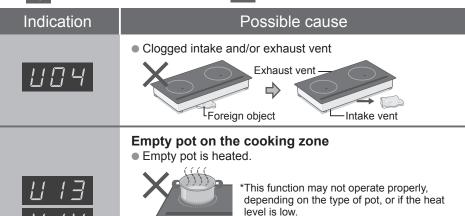


# **Error Indications**

If any of the following error indication appears, check the cause and resolve.

After eliminating the cause, touch or to clear the error indication.





• When deep-frying, oil was overheated by Heating mode.





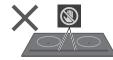


Be sure to use the Deep-frying



#### When using Congee mode

• The top plate is hot.



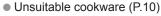


Add ingredients, allow top plate to cool down, and start.



#### When using Deep-frying mode







Improper position



When preheating



#### Heating automatically resumes if the cause of the following error is eliminated.

Indication	Possible cause
Indication	Fussible cause
<u>U 15</u>	Stains on the operation panel
	②Set the appliance again as required.  Water, ingredients or foreign objects
	Operation Operation keys  More than 3 sec.
	No cookware is detected*
	No cookware Removed
	<ul> <li>Improper position</li> <li>Unsuitable cookware (P.10)</li> </ul>
	Small object on the cooking zone*  • Metallic objects
	*The power shuts off in 1 minute under the conditions above.

#### When the problem cannot be resolved, or any Hall error appears

Power





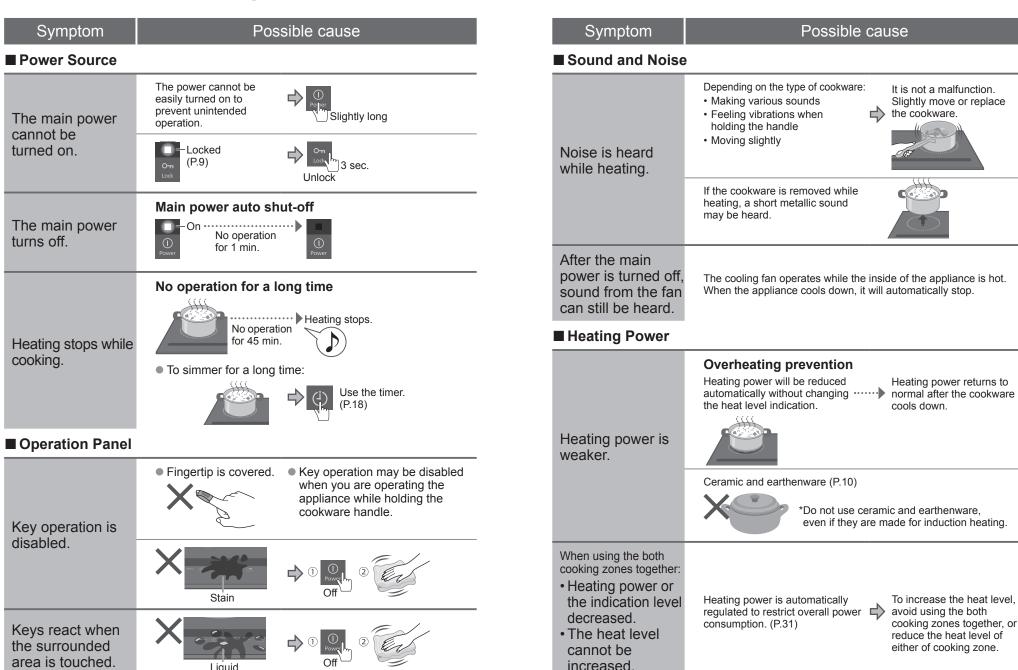






<sup>\*</sup>For the contact list for the service centre, refer to the Warranty Registration Card.

# **Troubleshooting**

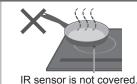


# **Troubleshooting**

**Symptom** 

#### Possible cause

#### ■ Pan-frying Mode





 Preheating takes too long.

 The actual temperature is different from the set temperature.

When preheating



If the right cooking zone is used at the same time, preheating may take longer.



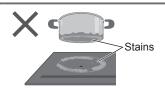
The temperature on the bottom of the pan may vary from the set temperature depending on the type of the pan.



Adjust the temperature as required.

#### **■** Deep-frying Mode





- (P.4) Preheating takes
- The actual temperature is different from the set temperature.

too long.



The oil temperature may vary from the set temperature or preheating may take longer depending on the type, material, and shape and size of the bottom of the pot.

Unsuitable oil





Adjust the temperature as required.

# Installation

(For installer)

#### Contents

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# **Important**

- Install the appliance in accordance with the Installation Instructions. Otherwise, the performance of the appliance may be affected.
- The installer is responsible for proper installation. Any malfunction or accident resulting from the failure to follow the instructions is not covered by the warrantv.
- Make sure to have a qualified gas technician or personnel from gas company close the gas valve when replacing the gas appliances with this unit.
- Do not install an oven under the cabinet.
- After installation, perform an electrical test.
- Explain to the customer how to use the appliance correctly.
- Provide the Operating / Installation Instructions to the customer for the local electrical inspector's use.

# **Safety Precautions**

# **!** WARNING

# To avoid fire, electric leakage, electric shock or abnormal operation

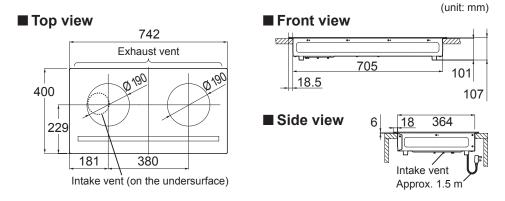
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or a qualified person in order to avoid hazards.
- Electrical work must be performed by a legally certified electrician.
- Before installation, make sure to turn off the circuit breaker.
- Install a 220 V / 20 A dedicated single-phase circuit with an earth leakage circuit breaker for the power supply to avoid abnormal overheating of the electric wire.
- This appliance must be properly earthed following the Electricity Ordinance.
- The earth line must not be connected to a gas pipe, water pipe, earth of lightning rod or telephone.
- The power cord must be correctly connected to ensure the integrity of the connection.
- Do not step on the appliance, or drop heavy items on top of it.
- Do not disassemble, repair or modify the appliance. (Example: Disassembling the top plate)

# **!** CAUTION

#### To avoid fire, deformation or discolouration

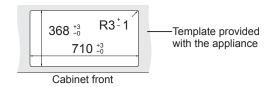
- Use a heat resistant material for the countertop. (Heat resistance equal to or exceeding that of "laminated thermosetting high-pressure decorative sheets")
- Do not use a varnished material for the countertop.

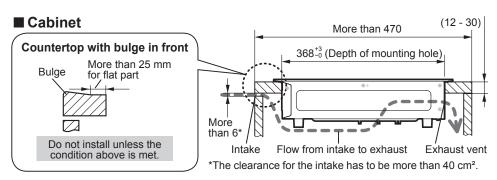
# **Dimensions**



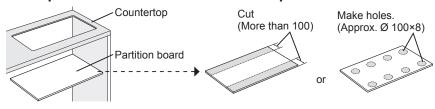
## Related Dimensions (Built-in)

**■** Countertop cutout

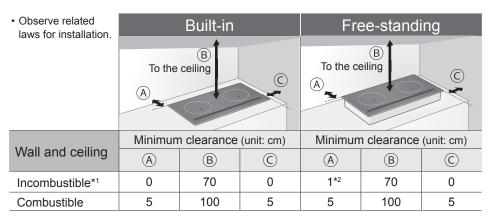




#### ■ If a partition board without an intake part has been set



# **Installation Location**



- \*1 Metal, tile, brick, etc. (Including heat-insulating board made of metal, tile, brick, etc.)
- \*2 An exhaust vent is provided on the back of the appliance.

# **Electrical Work**

- Follow the local safety laws and regulations for electrical wiring and earthing applied in the area.
- Do not twist or load on the power cord.





#### **WARNING**

 Provide socket wiring for single-pole earthing.

# Dedicated circuit

- Single-phase 220 V/20 A (with a circuit breaker)
- Electric wire for house wiring: Single wire of at least 2.0 mm in diameter \*Stranded wire of at least 3.5 mm² can also be used for the wall socket (box type).

# Earth leakage circuit breaker

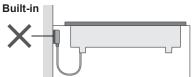
Wall socket

- Rated current: 20 A
- Rated sensitivity current: 30 mA
- \*In accordance with the electrical wiring rules, incorporate the breaker and the earth leakage circuit breaker in the home electrical wire.

BS1363 type

• Installation location

· Type of socket:



Install the socket where the plug can be disconnected.

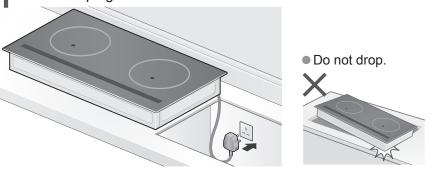


# **Installing the Appliance**

# Free-standing • Do not place. Paper or plastic sheet

#### **Built-in**

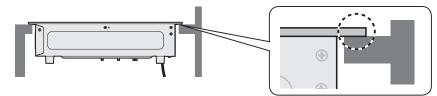
Insert the plug to the socket.



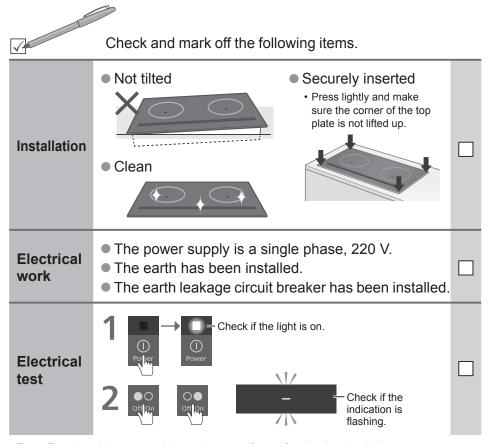
Insert horizontally.



**3** Make sure there is no space between the countertop and the top plate in the front, back, left and right.



# **Post-installation Checklist**



- Turn off each cooking zone and the main power after performing the electrical test.
- Provide the Operating / Installing Instructions and Warranty Registration Card to the customer.

I hereby certify that installation has been completed.

#### Signature of installer

# **Specifications**

Power supply	Single phase 220 V $\sim$ 50 Hz
Power consumption	2800 W
Standby power consumption (approx.)	0.5 W *When the main power is off
Dimensions (approx.)	(W) 742 × (D) 400 × (H) 107 mm
Weight (approx.)	11.5 kg
Heat level adjustment (approx.)	9-level adjustment 75 W - 2800 W equivalent
Pan-frying temperature adjustment (approx.)	5-level adjustment 140 °C - 230 °C
Deep-frying temperature adjustment (approx.)	7-level adjustment 140 °C - 200 °C
Congee mode	4 servings or 2 servings
Cooking timer	1 minute - 9 hours 30 minutes

#### ■ Using the both cooking zones simultaneously



Heating power may be regulated automatically to restrict overall power consumption.

- Heating power weakens without changing the heat level indication.
- The heat level decreases by one or several.
- The heat level cannot be increased, even if touching + .

  To increase the heat level, avoid using the both cooking zones together, or reduce the heat level of either of cooking zone.