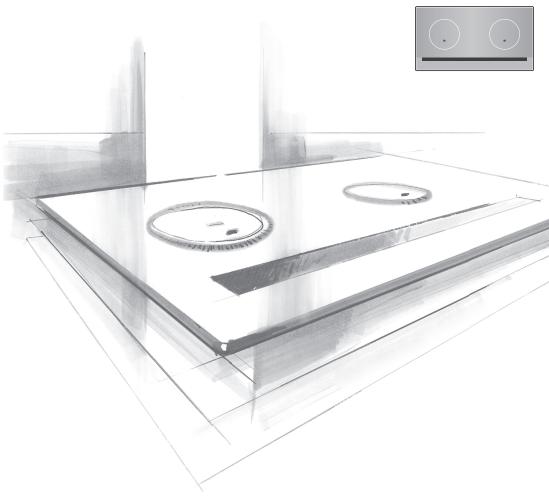
Panasonic®

Operating / Installation Instructions

Induction Heating Cooktop For domestic use

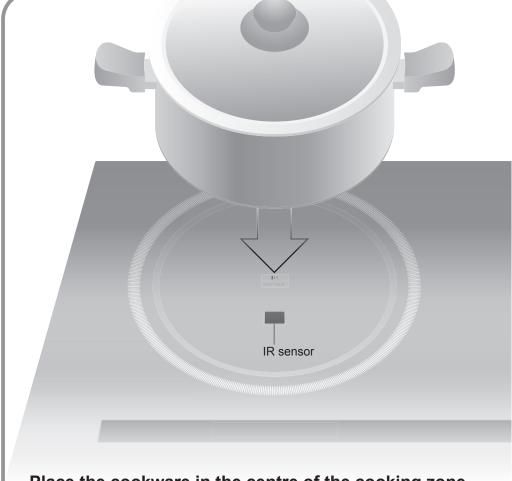
Model No. KY-E227E



Thank you for purchasing this Panasonic appliance.
This appliance is intended for household use only.
Please read these instructions carefully before using the appliance.
Keep Operating/Installation Instructions and Guarantee Certificate for future use.

ENGLISH





Place the cookware in the centre of the cooking zone.

The IR sensor must be covered to operate properly.

What is the IR sensor?

IR sensor prevents overheating and restores the temperature to the original level when the temperature drops by adding ingredients.



Pan-frying Mode

Cooks delicious food without burning due to overheating



Deep-frying Mode

Automatically maintained temperature makes food crispy and tasty.

IH (Induction Heating) features

Safe

Flameless, comfortable cooking with less rise in room temperature



Clean

Flat top plate for easy care



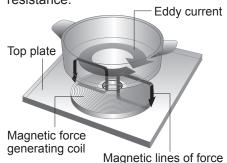
Efficient

Highly efficient and energy-saving heating



IH Cooking Mechanism

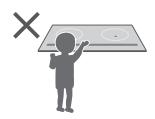
The magnetic line of force produced in the magnetic coil, passes through the metallic cookware, induces an eddy current, and then the cookware generates heat with its electrical resistance.



Safety Precautions 4 General Precautions 7 - Safety features 7 Part Names / Functions 8 Suitable Cookware 10
Basics 12 Heating Mode 13 Pan-frying Mode 14 Deep-frying Mode 15 Congee Mode 16 Count-up Timer / Timer 18
Cleaning
Installation · · · · 25 (For installer)

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 6 or below for preheating.
- Do not overheat oil.

For proper function of the IR sensor

■ Cover the sensor. ■ Wipe water off.











- Use Leep-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



■ Do not apply excessive pressure. It may crack the top plate.



■ WARNING: If the top plate is cracked, do not touch. Turn off the main power switch to avoid the possibility of 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



CAUTION: 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 become 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 2









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, Powe



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

To avoid injuries or burns

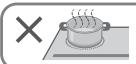


■ Ensure the cookware is stable.

For deep-frying:

■ Do not bring your face close to the cookware.

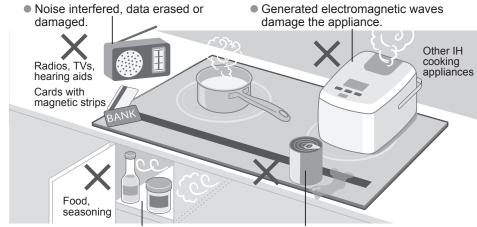
To avoid damage to the cookware



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

General Precautions

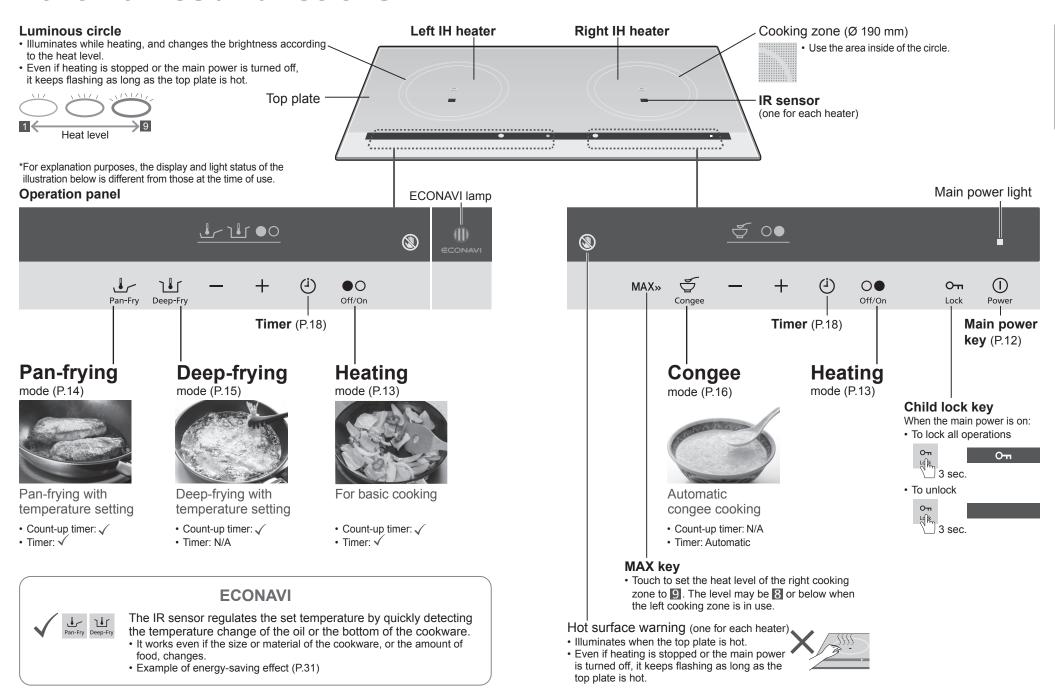
■ Do not place the following near or on the top plate.



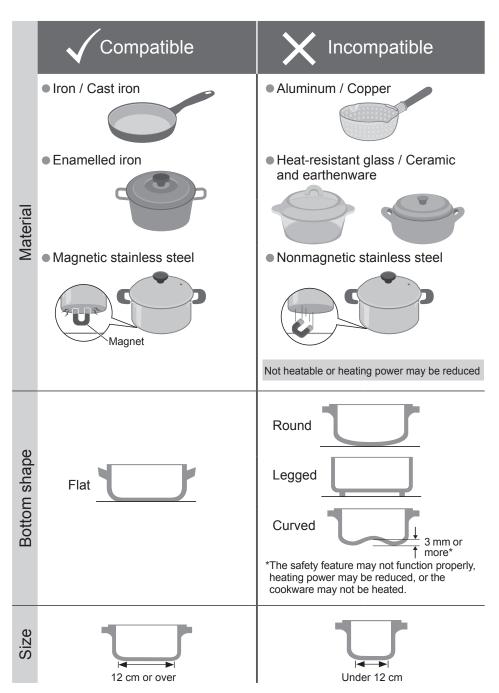
- They may be spoiled by the exhaust heat.
- The appliance is not intended to be operated by an external timer or separate remote control system.
- The operation panel key may malfunction.
- Do not block or clog.
 - The filter clog detection may be activated, and the appliance may shut off automatically.

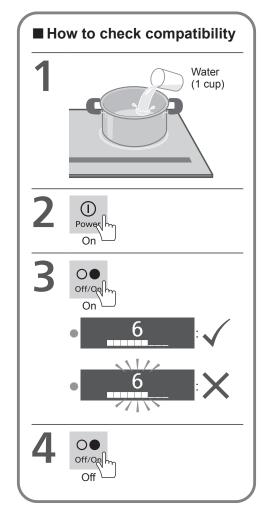
Safety features			
Heating stops.	 No cookware is detected (P.21) Small object on the cooking zone (P.21) Empty pot on the cooking zone (P.20) No operation for a long time (P.22) 		
Heating power is reduced.	 Overheating prevention (P.23) Heating power is reduced automatically when the bottom of the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

Part Names / Functions



Suitable Cookware





Note

Ceramic and earthenware

Even if they are made for induction heating:

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



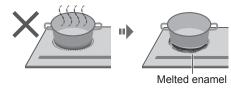
Thin bottom

• Turns red-hot and/or deforms



Empty enamelware

· Enamel coating may melt and damage the top plate.





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

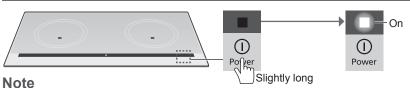
- The actual oil temperature may vary from the set temperature.
- · Preheating may take longer.
- · Heating may stop.



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

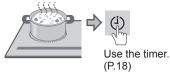
Cover the sensor.



Wipe water off before cooking.



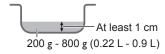
When heating more than 45 minutes



■ When using Leep-Fry

For proper function of the temperature control:

Observe the amount of oil.



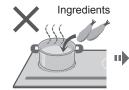
Do not use these oil.



After preheating starts



When preheating



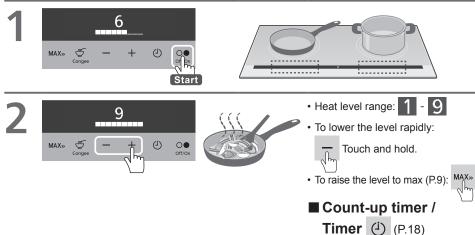
Heating may stop due to detecting an abnormality.



Heating Mode



For basic cooking





Heat level adjustment guideline

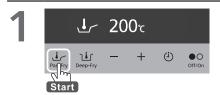
	-	_						
	Low			Medium		High		
1	2	3	4	5	6	7	8	9
75 W	235 W	370 W	500 W	700 W	1000 W	1450 W	2000 W	3200 W
		Simmer	_	Simmer	lightly	Boil	steam or	stir-fry
	Thick soup		Light s	oup			9	
Keep warm	Rehe	eat 、				Pasta, vegetables	Steamed meat bun	Vegetables
	C	3						Hot water
			Pan-fry Hamburg	\longrightarrow			Pan-fry	quickly* Steak

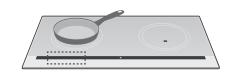
- Heat values may vary depending on material of the cookware.
- *Recommend to use Pan-frying mode. (P.14)

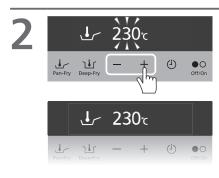
Pan-frying Mode

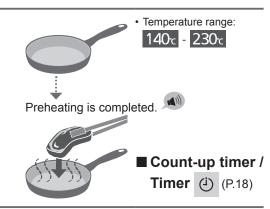


Pan-frying with the temperature setting





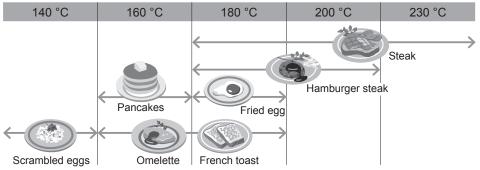








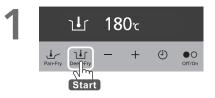
Temperature adjustment guideline

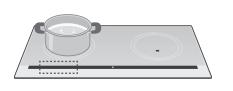


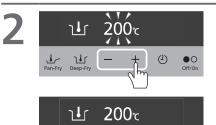
Deep-frying Mode

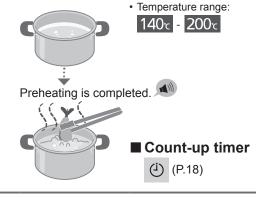


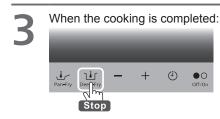
Deep-frying with the temperature setting





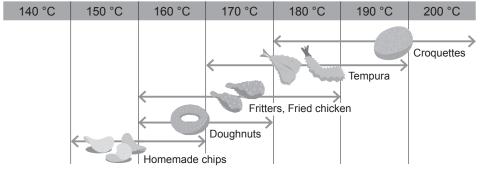








Temperature adjustment guideline



Congee Mode



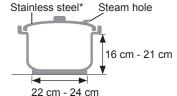
Cooking congee automatically

(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.



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

■ For 2 servings



■ To cook less thickened congee (Reduce cooking time)



· Setting range:

2:00 - 3:00 (By 10 min.)

 Touch and hold to change rapidly.

■ To cancel cooking





Congee with chicken and dried scallops



4 servings	2 servings
20 g	10 g
200 g	100 g
170 g	85 g
2.2 L	1.2 L
1 slice (15 g)	1/2 slice (7.5 g)
tsp. 1	tsp. 1/2
	20 g 200 g 170 g 2.2 L 1 slice (15 g)

Cooking steps

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

Preparation ① Soak in the water until tender. The water will be

Dried needed in step 2. scallops



1 Remove skin and fat.



③Rub 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.

(2)

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

Start cooking.

1 Close lid and start. For 2 servings

①Stir. 📎 Heating As you like stops − ②Flake automatically 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.

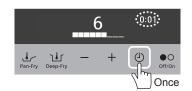


- When the room temperature is low Congee may not be as thick. ⇒ Simmer it again.

Count-up Timer / Timer

Count-up timer can be set with off/on off/on off/on pan-fry Deep-fry and Timer can be set with off/on off/on pan-fry

Setting Count-up timer



• To cancel Count-up timer, touch (i) twice.

Setting Timer



- If no key operation for 5 seconds, Timer will be canceled.
- 6 0:10 ⁽¹⁾
 - After 5 sec.
 - 6 0:10

 Pan-Fry Deep-Fry Office
 - Heating stops automatically.

- Setting range: 0:01 9:30
- Touch and hold to change rapidly.
- Time setting: + -: -- By 1 min. 0:30 By 5 min. 1:00 By 10 min. 3:00

By 30 min.

· To cancel Timer



9:30

Note

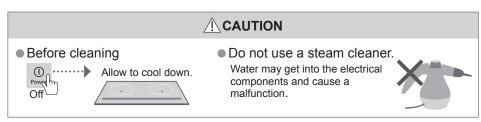
- Count-up timer does not turn off the cooking zone.
- For ♣ , timer starts running after preheating is completed.

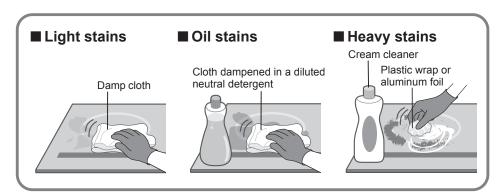
Cleaning

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.

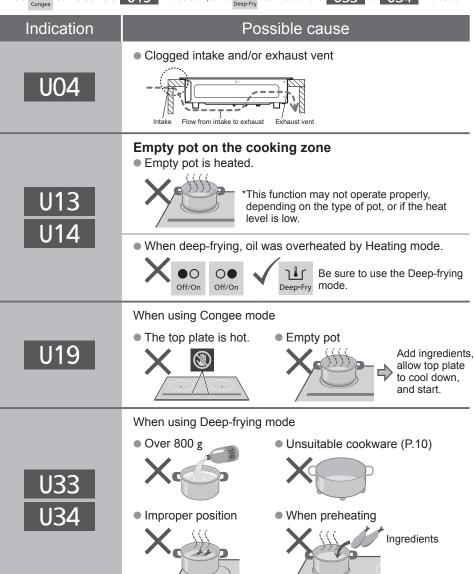


Error Indications

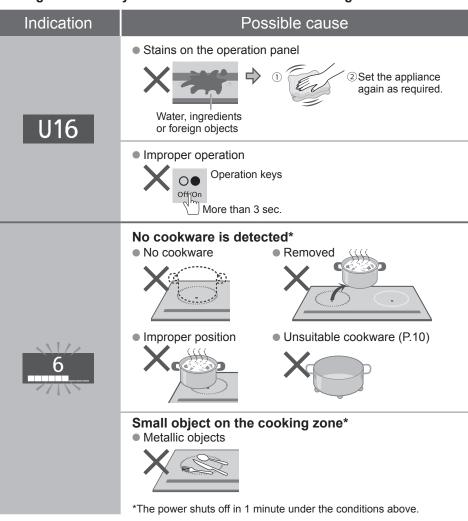
If any of the following error indication appears, check the cause and resolve.

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

• Also $\underset{\text{congee}}{\smile}$ can clear the U19 indication, and $\underset{\text{beep-fry}}{\smile}$ can clear the U33 or U34 indication.



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





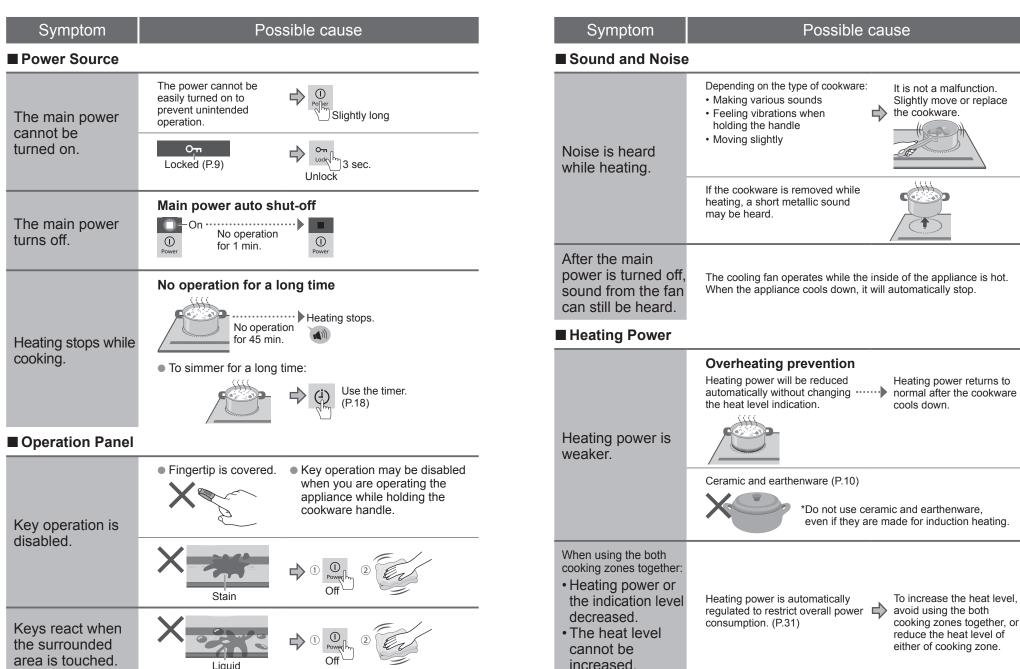






*For the contact list for the service centre, refer to the Guarantee Certificate.

Troubleshooting

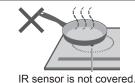


Troubleshooting

Symptom

Possible cause

■ Pan-frying Mode



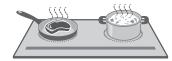


- Preheating takes too long.
- The actual temperature is different from the set temperature.

When preheating



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



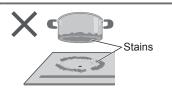
The temperature on the bottom of the pan may vary from the set temperature depending on the type of the pan.



Adjust the temperature as required.

■ Deep-frying Mode





- Preheating takes too long.
- The actual temperature is different from the set temperature.



(P.4)



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

Safety Precautions ·····2	6
Dimensions ······2	7
Installation Location ······2	8
Electrical Work 2	8
Installing the Appliance2	9
Post-installation Checklist ······3	0

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

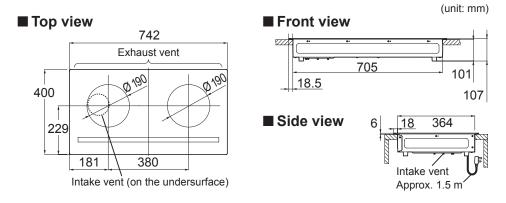
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or a qualified person in order to avoid hazards.
- Electrical work must be performed by a legally certified electrician.
- Before installation, make sure to turn off the circuit breaker.
- Install a 230 V / 20 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 electric laws.
- 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. (Ex. Disassembling the top plate)

!CAUTION

To avoid fire, deformation or discolouration

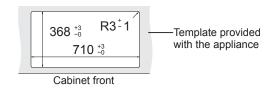
- Use a heat resistant material for the countertop. (Heat resistance equal to or exceeding that of "laminated thermosetting high-pressure decorative sheets")
- Do not use a varnished material for the countertop.

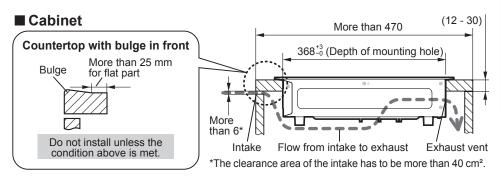
Dimensions



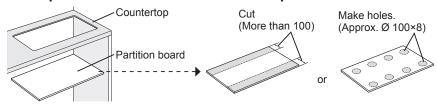
Related Dimensions

■ Countertop cutout

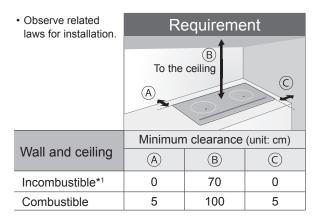




■ If a partition board without an intake part has been set



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.

disconnected.

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

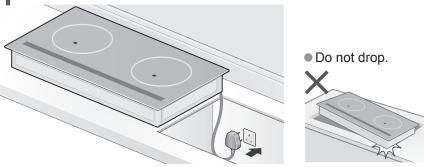
 Provide socket wiring for single-pole earthing.

· Single-phase 230 V/20 A (with a circuit breaker) **Dedicated** • 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 circuit (box type). • Rated current: 30 A Earth leakage · Rated sensitivity current: 30 mA circuit breaker *In accordance with the electrical wiring rules, incorporate the breaker and the earth leakage circuit breaker in the home electrical wire. Type of socket: BS546 type (15 A) Installation location Wall socket Install the socket where the plug can be

Installing the Appliance

How to Install

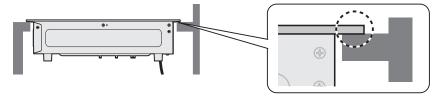
Insert the plug to the socket.



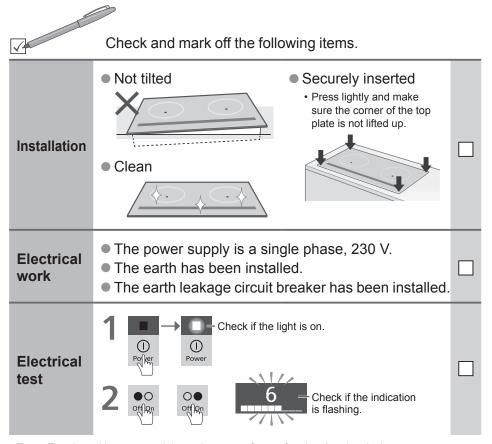
2 Insert horizontally.



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 Guarantee Certificate to the customer.

I hereby certify that installation has been completed.

Signature of installer

Specifications

Power supply	Single phase 230 V \sim 60 Hz
Power consumption	3200 W
Standby power consumption (approx.)	0.9 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 - 3200 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.

■ Energy saving effect with ECONAVI

Comparative mode	Pan-Fry 160 °C	●○ off/on Level 4
Calculation condition	Panaso	pancakes in a row with nic standard pan. side for 6 min. and the other 2 min.
Power consumption (approx.)	Saves approx. 147.5 Wh	191.5 Wh

^{*}Average integral power consumption calculated by comparison based on the actual data provided by Panasonic.

^{*}Energy saving effect varies depending on the cooked volume, and size and material of the pan.