

COMMERCIAL GAS RICE COOKER



RRA-106/RRA-156

English user manual

INDEX

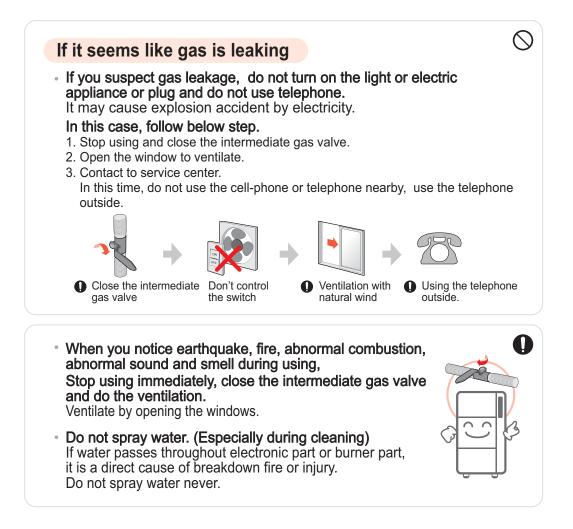
Notice for safety 1
Name of part 6
How to use8
Cleaning & Maintenance16
Check point before complaint 18
Specification19
How to install 21

Notice for safety

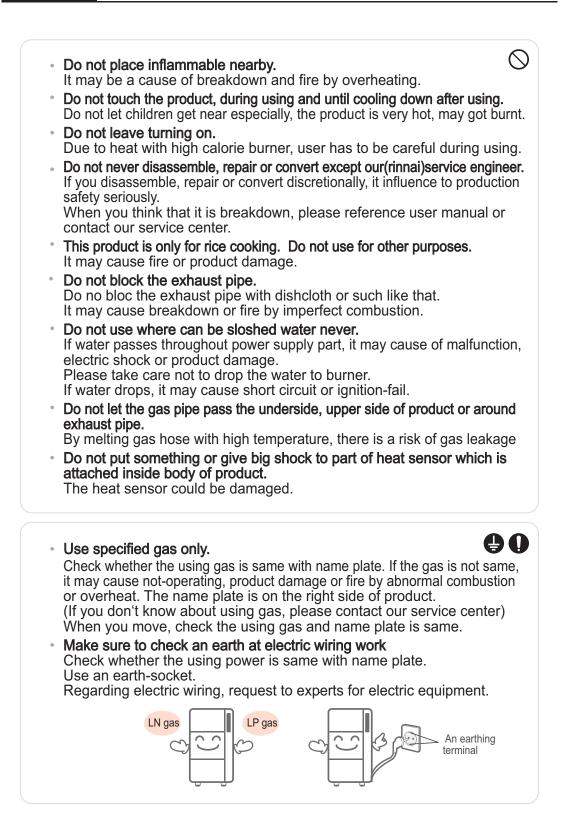
This information is for keeping safety of user and preventing of property damage. Please must read and use rightly.

Danger	If user doesn't follow instruction, there are dangers that user might lost their lives or wounded.
Warning	If user doesn't follow instruction, user may lost their lives or wounded.
<u>A</u> Caution	If user doesn't follow instruction, user may wounded or get property damage.
0	MUST DO mark.
\bigcirc	General prohibition mark – it emphasize the things not to do.
Ð	Earth display for electric shock prevention.

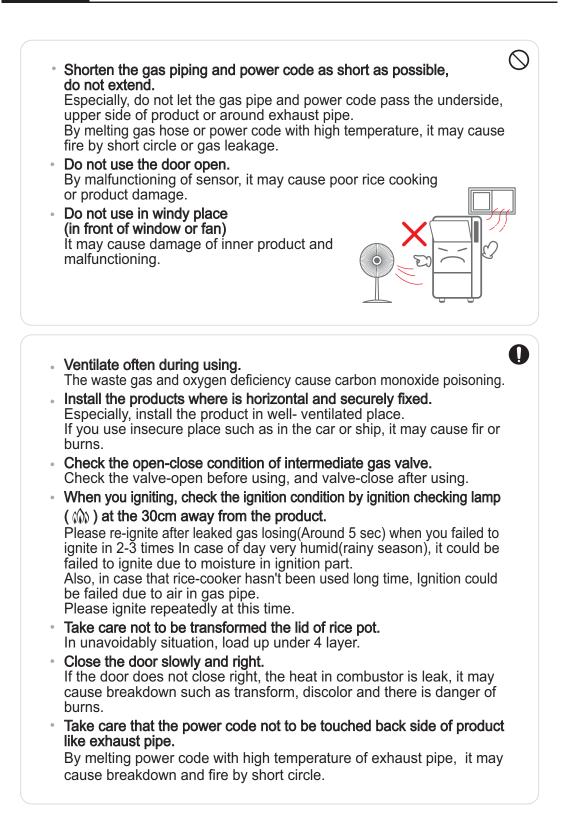
Danger



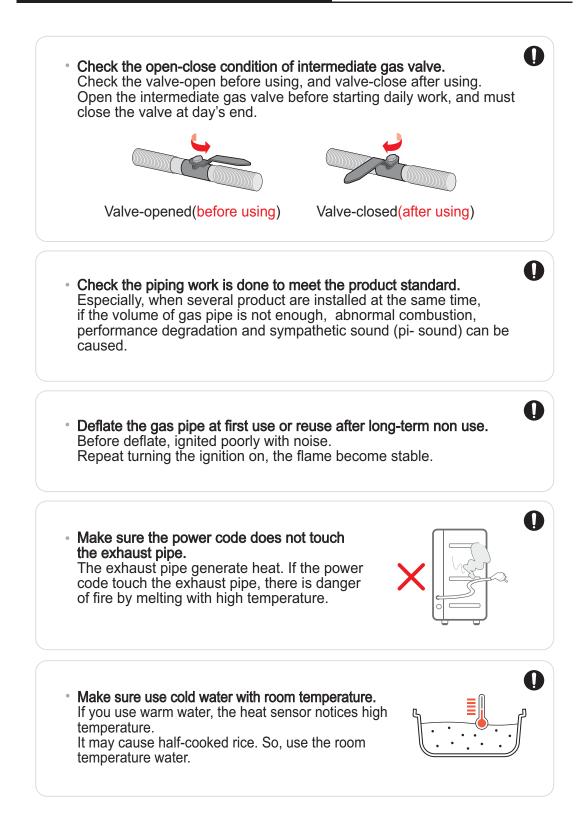
Warning

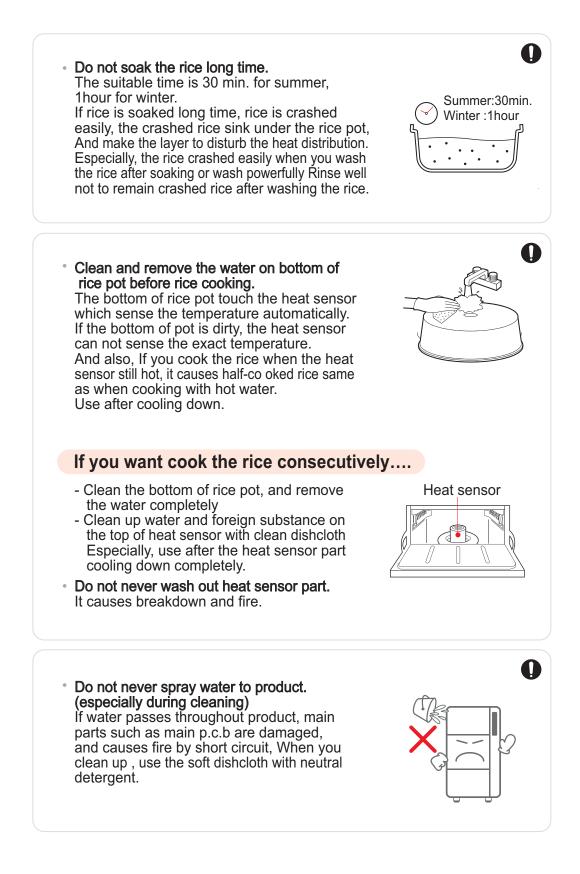


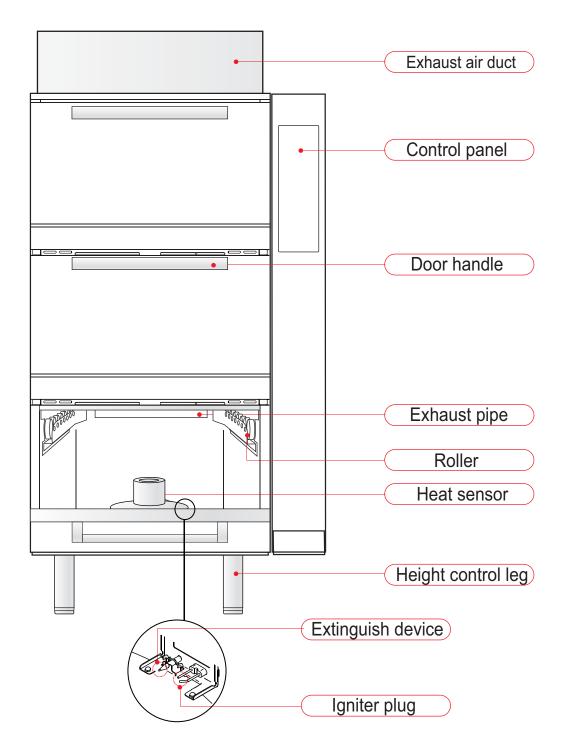
Caution



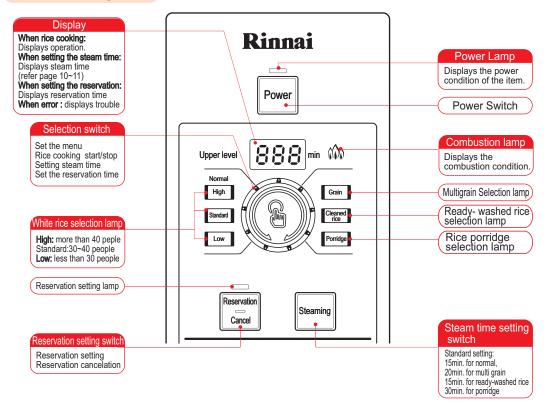
Especially, attention these

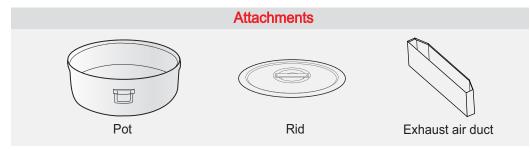






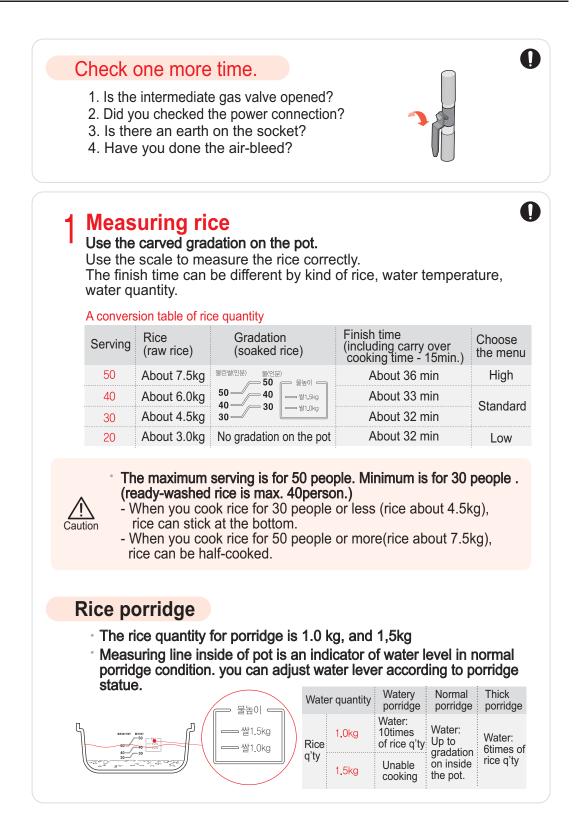
The control panel





Quantity of attachments by model

Attachments	RRA-106	RRA-156
Pot	2pcs	3pcs
Rid	2pcs	3pcs
Exhaust air duct	1pcs	1pcs



? Washing the rice.

If you wash the rice after soaking, the rice is crashed easily because the water through something the rice.

Make sure wash before soaking the rice.

Rinse several time (3~4times) until clear water is coming. If crashed rice powder is remained on the rice, the crashed power sink on bottom, and disturb the heat distribution. it is direct cause of poor cooking.

When you wash the rice, do not apply enough force. Wash slowly and softly and rinse well.

3 Soaking the rice.

Soaking the rice 30minutes in summer, 1hour in winter. If rice is soaked long time, rice is crashed easily,

and cause three-layered cooked rice with each layer having a different degree of steaming and cooking. Soak the rice after washing.

The soaking time of multigrain rice same as rice.



Ω

Ω

Ω

▲ About selection and storage of rice.

Do not use the expiration date passed rice and use rice in opened package first in short time

Because long-stored rice is dried up, crashed easily and need long soaking time

These are causes of poor- cooking. Store the rice in a cool dry place.

5 Setting water and rice q'ty.

Put the soaked rice and cold water adjusting gradation inside the pot. Ex) when you cook 30 serving, set the soaked rice to "30" gradation and adjust the water to "30" gradation.

 Adjust the water considering kind of rice (mixed grains, white rice), storage period (newly harvested rice, long-stored rice)

The gradation inside the pot is general



- standard, adjust according to your preference.
 Avoid the maximum or minimum q'ty cooking, it may cause underdone or burnt rice.
- use the gradation in the " ()" when you cook porridge. Weight the rice 1kg or 1.5kg using scale, and pour the water until the gradation.

Water gradation	Water gradation	Water q'ty
40 person Serving for	Add 500ml of water more than the gradation "40" Add 380ml of water more than the gradation "30"	1.4 times of rice.
Ex) when you co add about 5 - Control the condition.	ook 40 serving, set the water to 00ml of water. e water q'ty as kind of rice, stora	9 40 gradation and age period and rice
ttion If the ready-w	king time same as white rice. /ashed rice is not needed to wash, our sink to bottom without rinse, it um cooking q'ty of ready-washed r	may cause poor-cooki

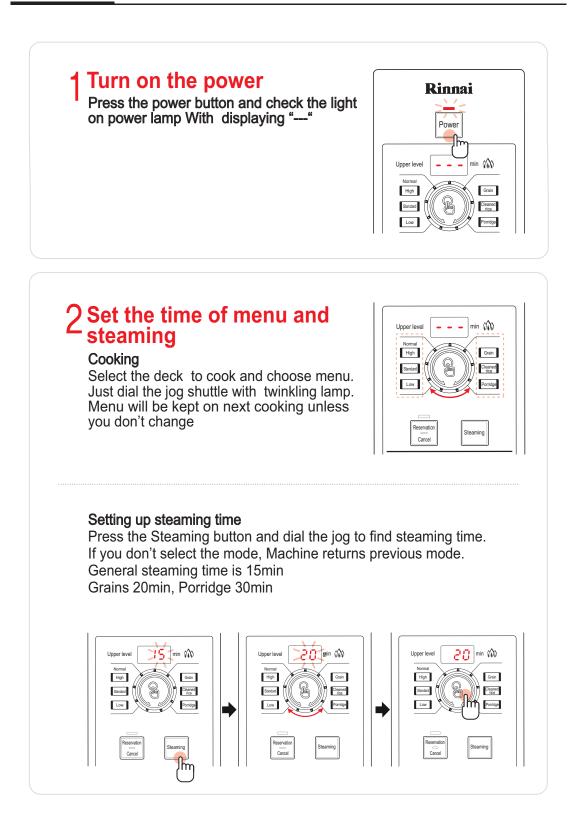
7 Install the rice pot.

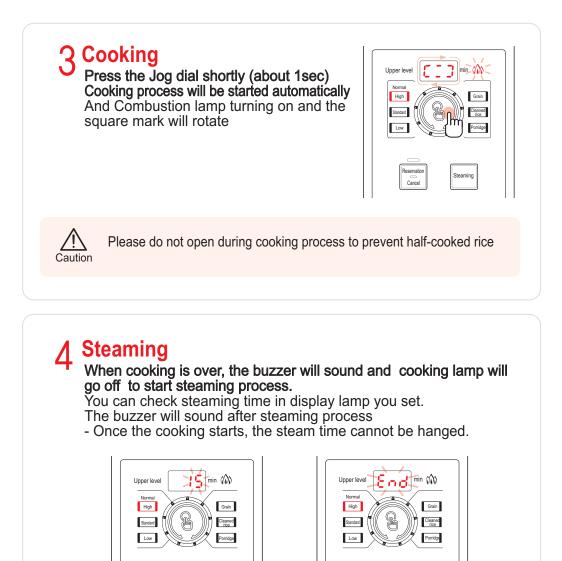
Open the door and push the rice pot covered rid with rice and water into the fire chamberlf.

If therevis water on the bottom of pot, it may cause poor-cooking, before install the rice pot, remove water on the bottom of pot. The handle of pot should be facing forward. Push the pot to the end then close the door slowly.



How to use





5 Completion

Reserva

Cancel

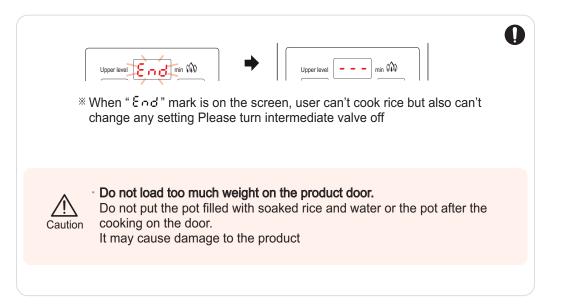
Steam setting

Pull the kettle out after buzzer alarm It means all process completed including seaming. At this time, the pot is very hot so always use gloves Finally, press the selection button to be off buzzer and display lamp and close middle valve.



teaming

Cooking setting

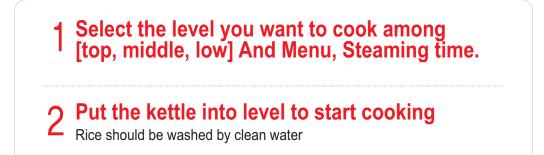


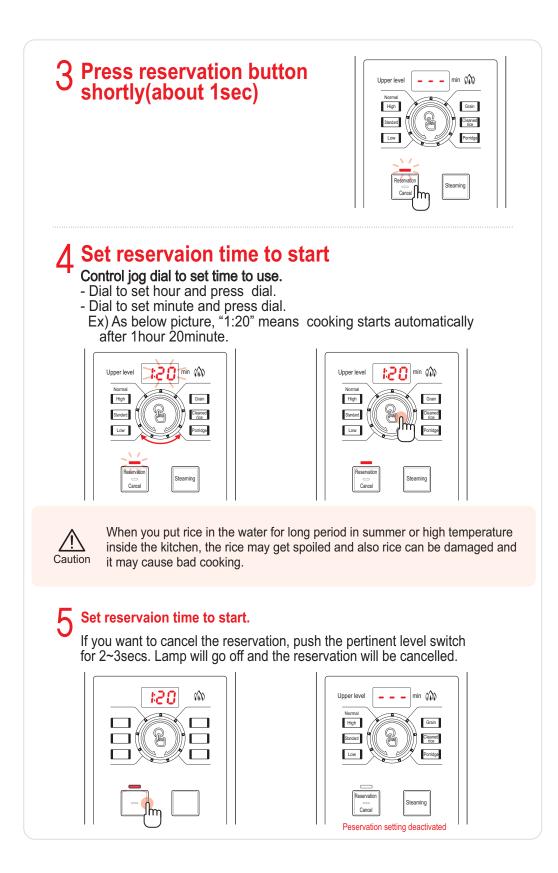
Continuous rice cooking

- If you are cooking continuously, wash inside the pot cleanly and use it after the heat sensor inside the pot gets completely cool. If you cooking with dregs inside the pot or when heat sensing part inside the pot is not completely cool, bad cooking may occur.
- Put soaked rice and water into the cooled pot then push the pot into the level you want to cook then close the door and always wait for 5min then start the next cooking.

Close the door and wait 5 minutes to start

Reservation cooking

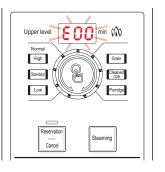




In case of power cut

- During a power cut, the operation will stop. At this time, if electricity comes back within 7min it will automatically go on with the process before the power cut.
- If electricity comes back after 7min, it does not return to its original course but error [00] will be displayed on the operation panel and the buzzer will sound.

In this case, push start/stop switch to stop the error display then push the power switch to turn off power and you will have to start the cooking from the beginning.

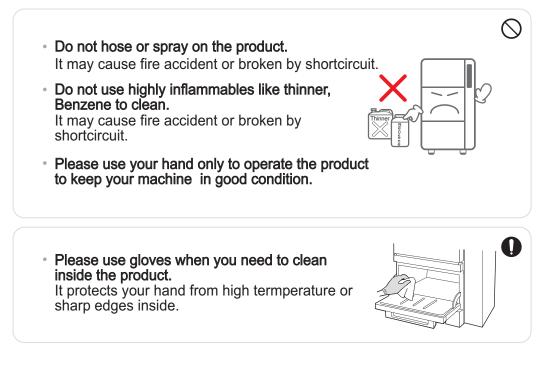




 In state when 7min passed after power cut and if you start over the cooking without changing the contents inside the pot, scorch on bottom of the pot or early extinguishing may occur.

Cleaning and maintenance

Warning

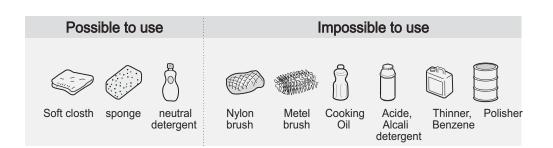


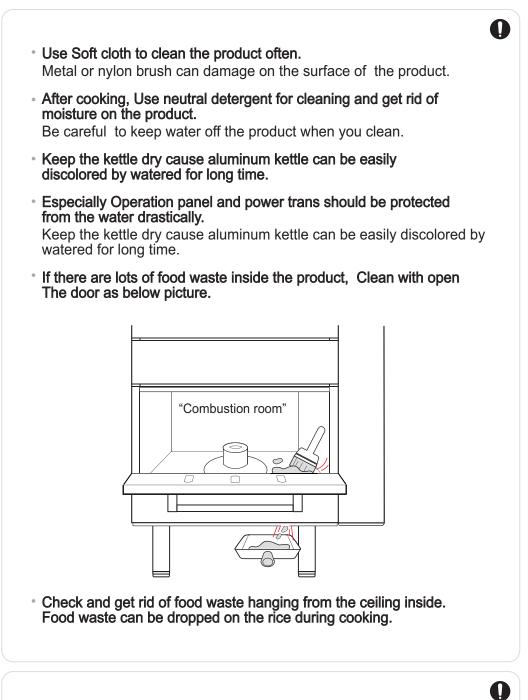
Caution

• Make sure that Pull the power plug out when you check, clean, maintain the product.

Ω

• You should check inside the product after cleaning, maintaining whether the tools or cleaning equipment are inside or not.





- Please Keep the burner holes clean from the food waste always.
- Check the ignitor and safety device are contaminated or not. (P6 picture)

Check list before service call

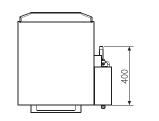
- This product has self monitoring function which can alarm by buzzer sound with error code on the displaying panel when it has problem.
- If it keeps going on after repower process. Please contact service agent or dealer.

Error codes	Condition	Measure			
E 00	Returning electric power after 7minutes of black out.	Press jog dial and retry with new rice.			
E 11	No ignition or problem.	Press the jog dial and check Middle valve and gas supply. IF no problem, Jus start again from thebegining			
E 12	Unexpected stop during cooking.				
E 24, E 28, E 31, E 52, E 71, E 72	Main PCB problem	Please contact to the Authorized Service stations			

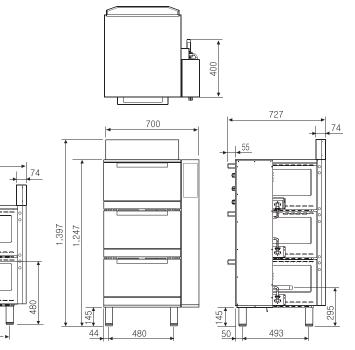
	Condition	Check list			
Product working	No signals on display panel	Check the power plug inIs main power black out or not?Is the power button on?			
	No Ignition	 Does it open middle valve? Check it LP gas tank empty 			
	Lamp on operation panel blinking	- Refer to the error codes			
Cooking	Boiling over	- Too much water or rice			
Condition of Rice	Half cooked Too soft or hard	 Did it return from black out? Are rice and water amount proper? Check the soaking time Check steaming time Is there any dirt on the heat sensor Or bottom of the kettle? 			

Specification

Specification



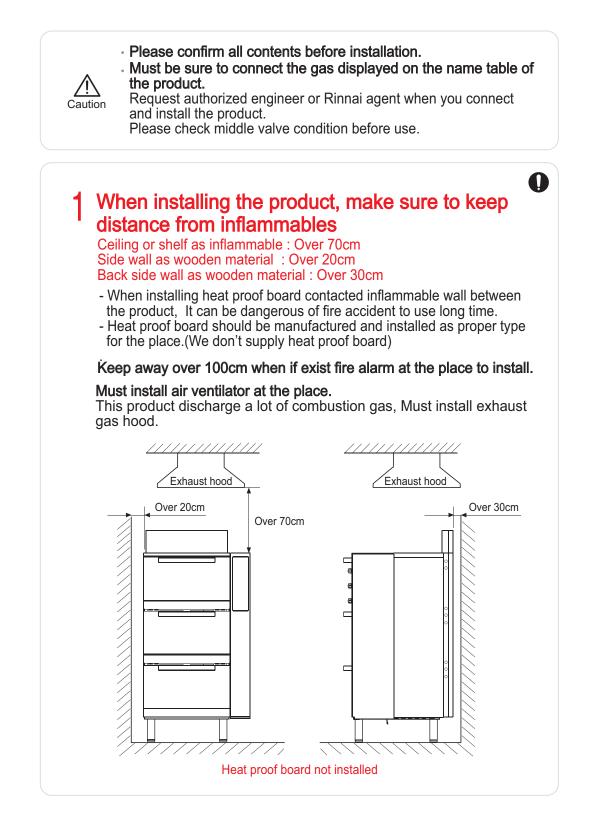
1,036

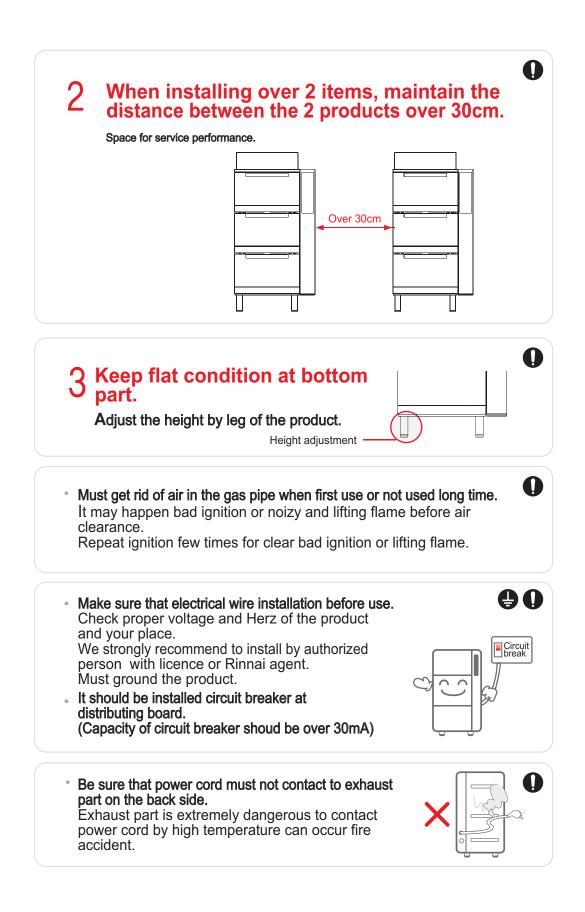


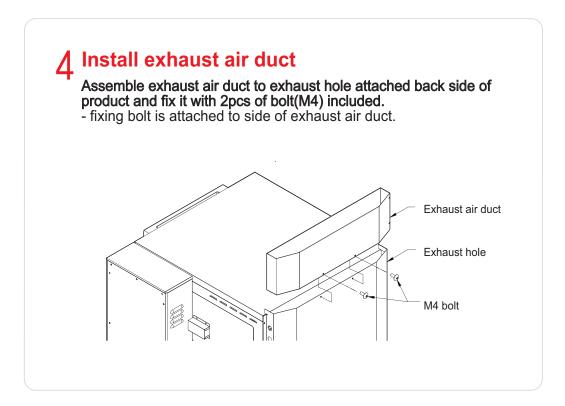
			RRA-106		RRA-156				
Size (W×D ×H)			700×727×1,036		700×727×1,397				
Weight/Box includied (kg)			85		129				
Connector	Gas		3/4″ (20A)						
CONNECTOR	Elect	ric	220~240V / 50, 60Hz						
Safety device			Extinguish device, Extinguish timer						
	VOLT	TAGE	220 V	230 V	240 V	220 V	230	V	240 V
Power	LP		34 W	34 W	38 W	50 W	50	W	52 W
consumption	LN		29 W	29 W	31 W	41 W	41	W	45 W
	TG		25 W	35 W	-	35 W	50	W	-
Max/Min Cooking capacity		20~100 people(3-15kg)		20~150 people(3-22.5kg)					
Accessory		Kettle 2ea, Lid 2ea, Duct 1ea		Kettle 3ea, Lid 3ea, Duct 1ea					
			Тор	Low	Total	Тор	Low	Middle	Total
	LP	kW	11.30	11.30	22.10	11.30	11.30	11.30	33.7
Gas		kg/h	0.80	0.80	1.58	0.80	0.80	0.80	2.42
consumption	LN	kW	11.30	11.30	22.10	11.30	11.30	11.30	33.7
		kcal/h	9,700	9,700	19,000	9,700	9,700	9,700	29,000
	ΤG	kW	11.30	11.30	22.10	11.30	11.30	11.30	33.7
	.0	kcal/h	9,700	9,700	19,000	9,700	9,700	9,700	29,000

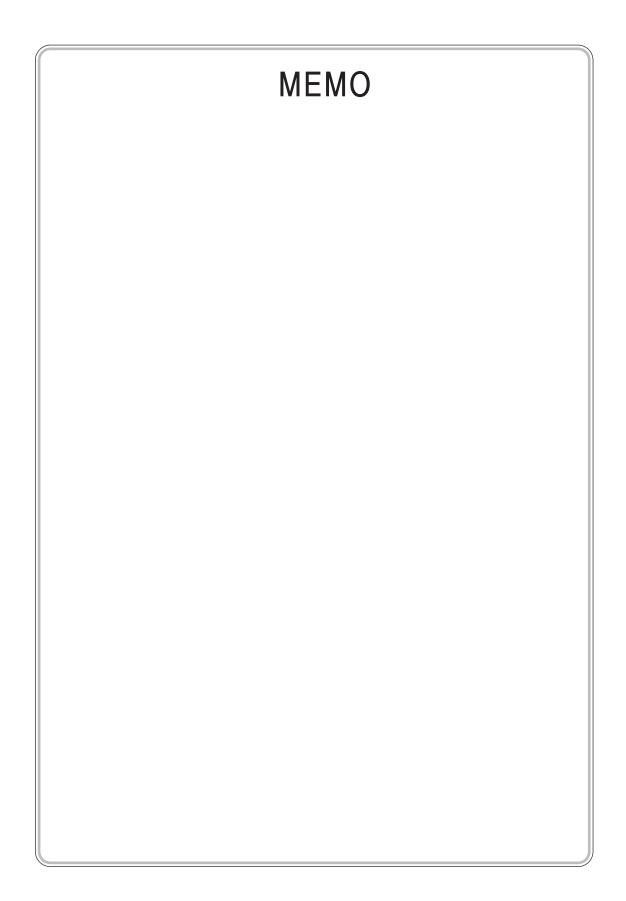
Installation method

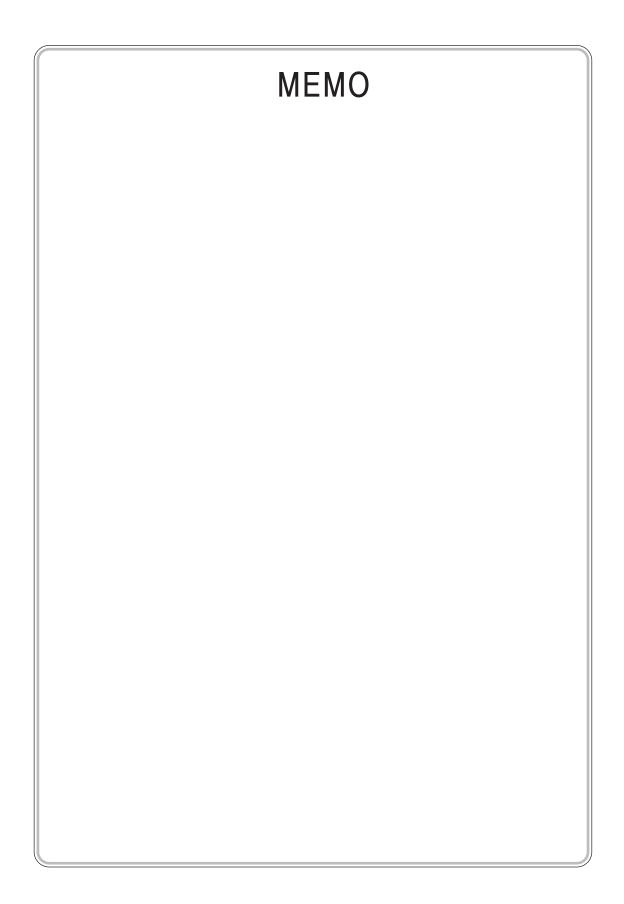
Must read this manual and make sure that all contents before installation of the produt.

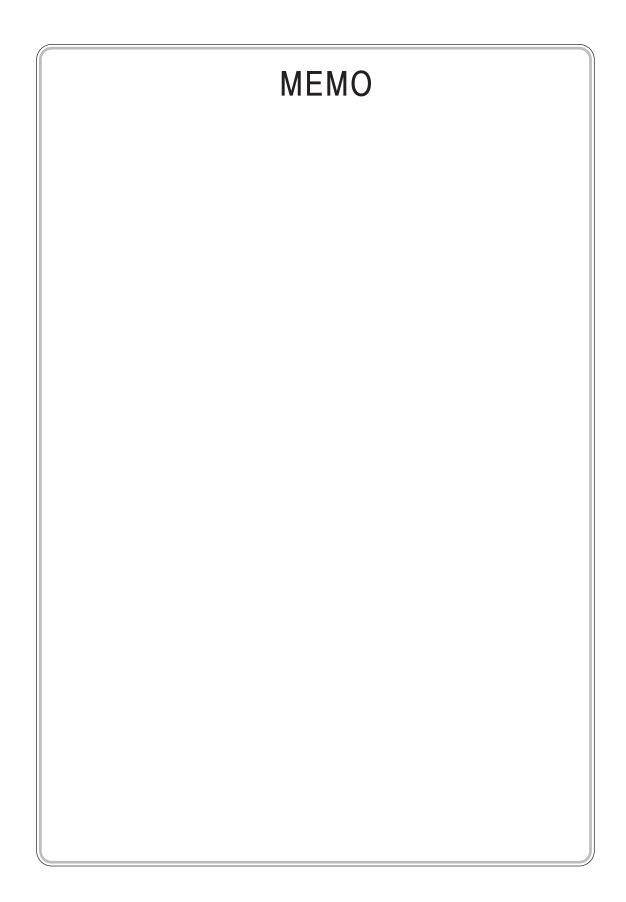














Rinnai

ver.150203