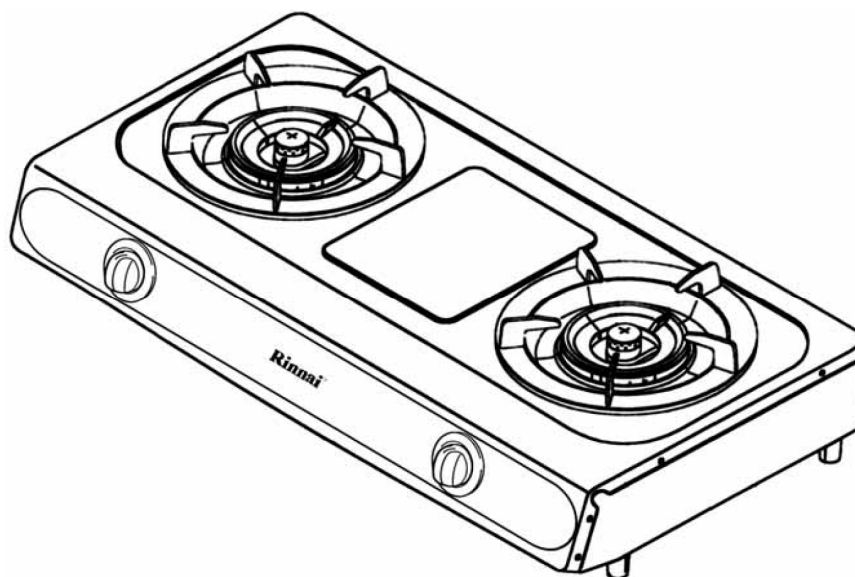


# Rinnai

座枱煮食爐  
Hotplate

型號 : RRS2  
Model

使用說明書  
User Instructions



香港石油氣適用  
For Hong Kong LPG



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### 注意!

根據香港氣體安全條例，任何氣體裝置工程，包括爐具和接駁喉管的安裝，必須由註冊氣體裝置技工執行，而該技工已於相關的氣體工程類別註冊及受聘於註冊氣體工程承辦商。

## 重要安全指示

以下指示對氣體爐具的安全操作十分重要，請詳細閱讀。如有查詢請致電煤氣公司石油氣爐具銷售及服務熱線 2232 1111，如需要維修服務，請聯絡爐具經銷商或煤氣公司。

### 安裝

1. 使用認可印有機電工程署批准標記（例如：機電工程署批准 EMSD APPROVAL GTXXXX）的氣體接駁喉管連接爐具，或使用機電工程署接納的其他恰當方法。
2. 爐具周圍和下方不可放置可燃物品，如紙張及塑膠等。與可燃物料距離須保留 150 毫米以上。
3. 爐具須安裝在空氣流通之房間內。

### 使用

1. 當懷疑洩漏氣體時，將窗戶打開，以及關閉總氣閥。切勿操作任何電器或電掣開關。切勿在現場使用任何電話。在現場以外的地方，致電氣體供應公司或煤氣公司24小時緊急事故熱線 2880 6999。
2. 請參照說明書內指引正確使用爐具。
3. 爐具只供家用，切勿用於商業用途。
4. 除煮食外，切勿使用爐具作其他用途，例如烘乾衣物。
5. 使用爐具前，請開啟窗戶及排氣系統。
6. 不可讓兒童使用爐具。
7. 切勿讓爐具在無人看管下運作。
8. 切勿在爐頭加上錫紙碟，這會引致燃燒問題。
9. 請確保爐頭蓋沒有變形，如有異常，請聯絡爐具經銷商或煤氣公司安排更換。
10. 使用前，確保爐頭蓋和爐架擺放正確，沒有傾斜。
11. 請確保爐頭火孔沒有被水或污垢堵塞。
12. 切勿放置超過 10 公斤的重量在爐架上。
13. 爐架很重，切勿掉下。
14. 請確保使用時火焰平均。
15. 注意爐面、爐頭及爐架的高溫。
16. 切勿使用直徑超過 300 毫米的平底煮食器皿，避免溫度過高而造成燙傷及影響爐具的使用壽命。
17. 使用細小器皿時，請將火力調低，避免火焰超出煮食器皿底部。
18. 確保器皿穩定地放在爐架上，如器皿容易滑動，必須緊握它。
19. 燒開水或煮湯時，注入的水量連湯料不可超過器皿容量 3 分之 2，溢出液體會影響燃燒和損壞爐具。
20. 烹調時，請盡量蓋上器皿。而器皿的手柄亦應轉向適當位置，避免受熱或碰撞。
21. 請勿在爐具附近使用噴霧產品。
22. 使用後，應將火力控制旋鈕設於關閉位置「●」。
23. 經常清潔爐頭蓋以保持爐頭火孔暢通，如滾瀉食物及汁液，應在爐具冷卻後儘快作出妥善清潔。
24. 如爐具出現異常聲響，應先關火。在爐具完全冷卻後，檢查爐頭蓋及放好爐頭蓋，並重新點火。若問題持續，聯絡爐具經銷商或煤氣公司進行檢查。

## 重要安全指示

### 保養

1. 定期檢查氣體喉管狀況，確保沒有紐結或裂縫，若發現損壞，請聯絡爐具經銷商或煤氣公司更換喉管。
2. 讓爐具完全冷卻後，才可進行清潔。
3. 進行清潔時，應穿上保護手套避免割傷。
4. 清洗爐頭蓋後，用乾布將爐頭蓋完全抹乾，爐頭火孔不可留有水份，以免影響燃燒。
5. 使用前和使用後，注意爐頭的狀況和清潔。以下不正常狀況會產生燃燒不良，進而引致爐具損壞。請確保採取相應措施，糾正有關問題。

不正常情況	處理措施
爐頭蓋變形	聯絡爐具經銷商或煤氣公司更換零件。
爐頭蓋傾斜	將爐頭蓋重新放好，不可傾斜。
爐頭火孔被水堵塞	用布將爐頭蓋抹乾後，重新放好。
爐頭火孔被污積堵塞	用溫和清潔劑和刷子清潔爐頭蓋。用布將爐頭蓋抹乾後，重新放好。

## 安裝指示

### 安裝位置

爐具須安裝在空氣流通之房間內，但切勿置於強風直接吹入的位置。附近不可放置易燃物料（如紙張、油類）、噴霧及壓縮容器。爐具與周圍可燃物料應保持 150 毫米以上的距離。爐具上方須保留最少 650 毫米空間。若爐具上方裝有抽油煙機，而要求不同安裝距離，應採用較大間距。

### 安裝爐具

放置爐具於工作平面，確保所放之處穩固平坦。

### 氣體接駁

根據現行指定的標準，將氣體爐具連接供氣設施上，接駁前確保爐具符合所供應之氣體類型，並檢查供氣壓力為 2.9 千帕。

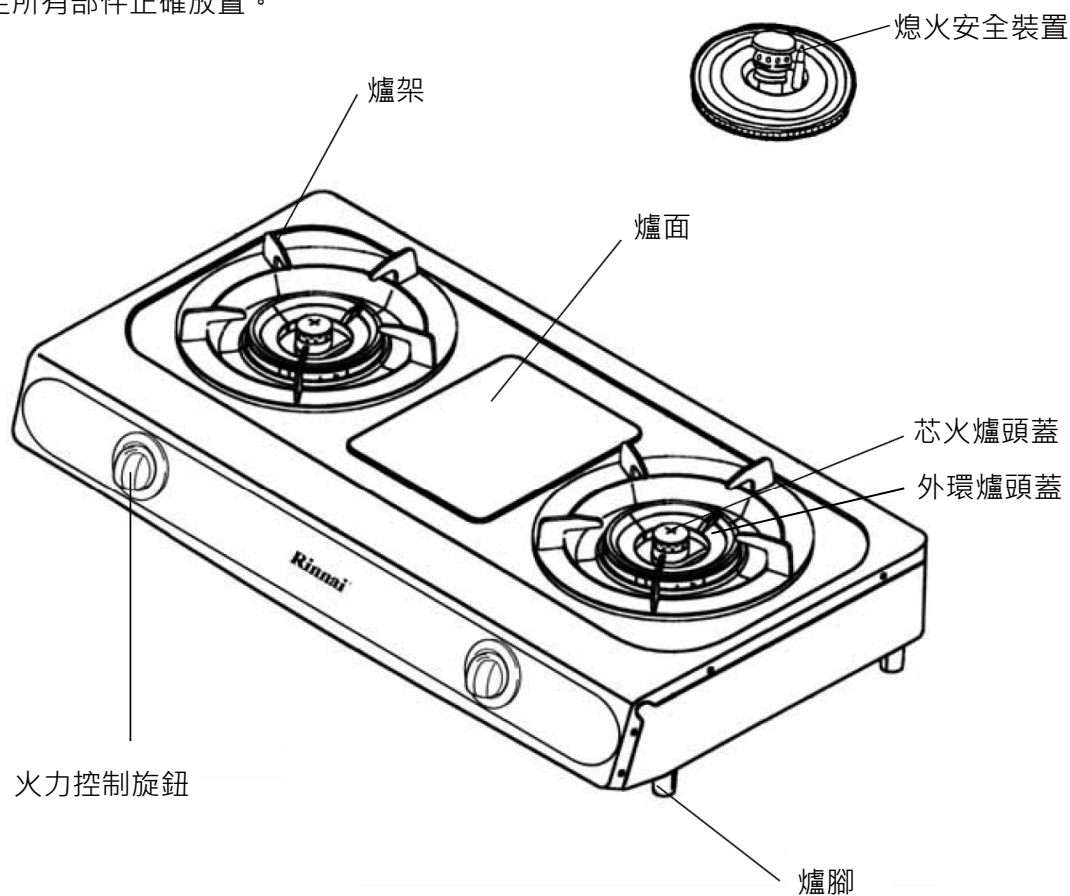
注意：

氣體接頭為  $\frac{3}{8}$ " (Ø8.8 毫米) 喉咀。

使用已批准的氣體喉管接駁爐具，氣體軟喉長度不可超過 2000 毫米。確保喉管沒有接觸任何活動部件、被扭曲或被擠壓。接駁完成後，檢查喉管的氣密性。切勿使用明火作檢查。

### 完成安裝

使用前，確定所有部件正確放置。



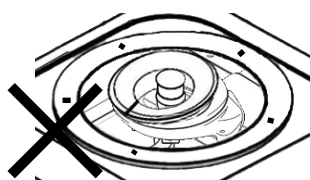
### 爐頭放置

- 爐頭由外環爐頭蓋、芯火爐頭蓋及爐頭座組成。
- 將外環爐頭蓋和芯火爐頭蓋放置在爐頭座上，放置時請勿傾斜。

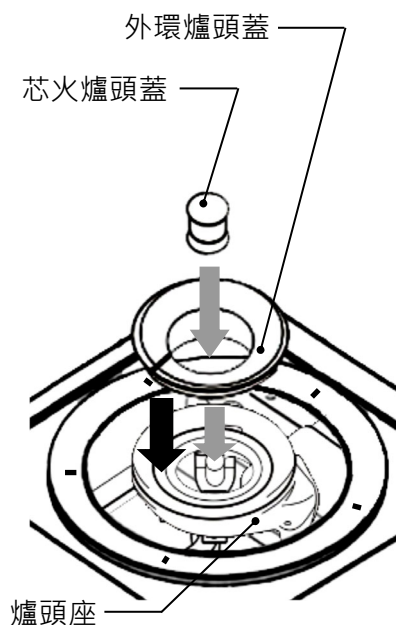
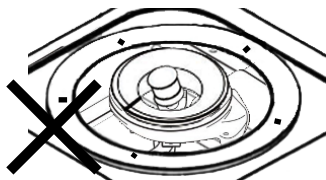
⊘ 不要在爐頭蓋錯誤放置的情況下使用爐具。

- 若爐頭蓋未放置正確，會導致無法點火。
- 火焰不均和回火會導致不完全燃燒、一氧化碳中毒或爐頭變形。
- 火焰進入爐具內，會導致損毀。

外環爐頭蓋傾斜



芯火爐頭蓋斜

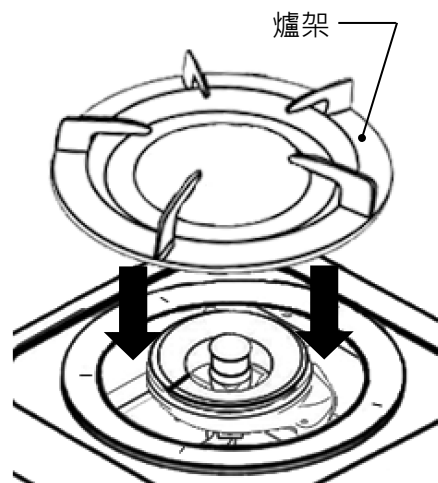
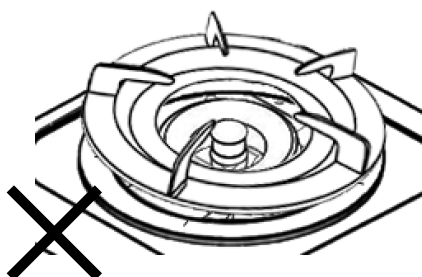


### 爐架放置

- 將爐架正確放置於爐具上。

⊘ 不要在爐架錯誤放置的情況下使用爐具。錯誤放置爐架有機會導致鍋子不穩，並引致危險。

爐架放置錯誤



## 操作指示

### 點燃爐頭




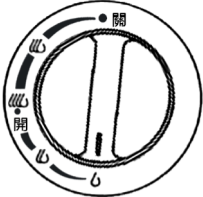
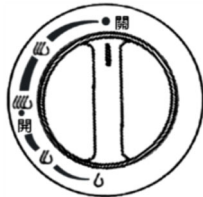
確認火力控制旋鈕已於關閉位置「●」。按下旋鈕同時以逆時針方向轉動旋鈕至點火位置，維持按下旋鈕 5 秒。(當旋鈕到達點火位置時會發出咔噠聲)。放開旋鈕後，確定火焰維持。

**注意：**如爐具長時間未有使用，於首次點燃時有機會因喉管內含有空氣而未能令爐頭點燃成功。將火力控制旋鈕轉至關閉位置「●」，並重複上述點火步驟至成功點火。

### 火力調節

爐頭點燃後，可按烹調所需轉動旋鈕調節火力。請緩慢調節火力。

在調較最大火力至接近中火時，若發現外環火焰不穩定(微弱或熄滅)，請立即調大火力，直至外環火焰穩定，才繼續使用；或調小火力，使用芯火。

	中火	點火/最大	中火	最小	關閉位置
控制旋鈕位置					

### 熄火

將火力控制旋鈕轉動至關閉位置「●」。

**注意：**熄火時有機會因殘留在爐頭內的氣體瞬間燃燒而出現響聲，此屬正常現象。

## 保養

**注意：**待爐具完全冷卻後，才可進行任何保養及清潔。清潔時，亦應戴上手套保護雙手。

為妥善保養爐具，遵照以下指示定期清潔爐具：

- 請勿使用蒸氣清潔爐具；
- 請使用適當清潔用品清潔金屬及搪瓷部份。使用非研磨及非腐蝕性的清潔劑，避免使用含氯清潔劑（如漂白劑）；
- 避免酸性或鹼性物質（如醋、鹽水、檸檬汁等）殘留在爐具；
- 煮食時如有液體溢出，應待爐頭冷卻後盡快清理；
- 定期使用暖水及清潔劑清洗爐頭蓋，將污垢去除，並保持爐頭火孔暢通；
- 清潔後須完全抹乾爐頭蓋，並檢查爐頭火孔未被堵塞；
- 將爐頭蓋正確放回爐頭座，確保沒有傾斜或反轉；
- 定期檢查熄火安全裝置，如有污物黏附，可使用軟刷將污物去除。



## 故障處理

注意：於重新點火前，請將火力控制旋鈕轉回關閉位置「●」。

確保爐具完全冷卻後，才進行任何故障處理。如採取以下補救措施後仍然無效，請聯絡爐具經銷商或煤氣公司石油氣爐具銷售及服務熱線 2232 1111。

故障	原因	處理方法
1. 沒有點火或爐火	壓電式點火器壞了。	聯絡爐具經銷商或煤氣公司更換零件。
	仍未開啟總氣閥及 / 或爐具供氣閥。	完全開啟總氣閥及 / 或爐具供氣閥。
	喉管內含有空氣。	重複點火至喉管內空氣完全排出。
	錫紙碟阻塞爐頭。	除去錫紙碟。
2. 不能保持爐火	熄火安全裝置上有污垢。	清理熄火安全裝置。
	未按盡控制旋鈕或控制旋鈕沒有轉至點火位置。	按下控制旋鈕及轉至點火位置。
	按下火力控制旋鈕的時間過短。	維持按下火力控制旋鈕5秒。
3. 使用中熄火	熄火安全裝置上有污垢。	清理熄火安全裝置。
	小火被風吹熄。	等待1分鐘，重新點火。
4. 黃火	爐頭蓋有污垢。	以暖水和清潔劑清洗爐頭蓋，抹乾及放好後，重新點火。
5. 火焰不穩定	爐頭蓋變形。	聯絡具經銷商或煤氣公司更換零件。
	爐頭蓋擺放不正確。	待爐具冷卻後，重新放好爐頭蓋。重新點火。
6. 使用中出現異常聲	爐頭蓋擺放不正確。	待爐具冷卻後，重新放好爐頭蓋。重新點火。
7. 關火時出現響聲	殘留在爐頭內的氣體瞬間燃燒。	正常現象。

## 技術規格

型號			RRSH2
氣體種類			香港石油氣
額定熱負荷 (千瓦)	總		9.6
	左爐頭		5.0
	右爐頭		5.0
供氣壓力 (千帕)			2.9
氣體接頭			3⁄8”(Ø 8.8 毫米)喉咀
機身尺寸 (毫米)	高	至爐面	128.5
		至爐架	162
	寬		717
	深		387
重量 (千克)			7
點火裝置			壓電式點火器
熄火安全裝置			熱電偶式

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## Attention!

According to the Gas Safety Ordinance of Hong Kong, any gas installation works including the installation of appliances and connection tubing, must be undertaken by registered gas installers who are registered for that appropriate classes and be employed by registered gas contractors.

## Important Safety Instructions

The following instructions are very important to safe operation of gas appliance. Please read through them carefully. Please contact Towngas LPG Appliances Sales Enquiry and Service Hotline on 2232 1111 for enquiry. Please contact appliance vendor or Towngas Company for service.

### Installation

1. Use approved gas tubing bearing EMSD approval marking (such as: 機電工程署批准 EMSD APPROVAL GTXXXX) or other appropriate methods accepted by EMSD.
2. Do not store any combustible materials, e.g. paper and plastic, under or near the appliance. The appliance should be installed with a distance of more than 150mm away from surrounding combustible materials.
3. Install the appliance in a well-ventilated room.

### Operation

1. In case of suspected gas leak, open windows and shut off main gas valve. Do not operate any electric appliances or switches. Do not use any phones on site. Contact gas supply company or Towngas 24-hour Emergency Hotline on 2880 6911 with a phone outside the premises.
2. Please use the appliance properly according to the operation instructions.
3. This appliance is designed for domestic use only. Do not use it for commercial purposes.
4. Do not use the appliance for any purposes other than cooking, e.g. drying clothes.
5. Open windows and turn on ventilation system before operating the appliance.
6. Do not allow kids to use appliance.
7. Do not leave operating appliance unattended.
8. Do not add aluminum discs to burner. This will incur combustion problem.
9. Ensure that burner caps are not deformed. Contact appliance vendor or Towngas Company to replace the parts if abnormality is found.
10. Before use, ensure the burner caps and pan supports are in correct position and not tilted.
11. Ensure that flame holes of burner are free from water and dirt.
12. Do not put weight exceeding 10kg on pan support.
13. Pan support is heavy. Do not drop it.
14. Make sure that flame condition is uniform during operation.
15. Heed high temperature of top plate, burner and pan support.
16. Do not use flat bottom pot of diameter larger than 300mm to avoid the risk of scald by high temperature and reduce the service life of the appliance.
17. When using small utensil, reduce flame power that flame does not escape from utensil bottom.
18. Ensure stability of utensil resting on pan support. Hold utensil firmly if it slips easily.
19. Do not fill water including soup ingredients over two-thirds of utensil volume when boiling water or soup. Spilled liquid of boiling will affect combustion and damage the appliance.
20. Always use pots with a cover and make sure that the handles of the pots are correctly positioned to avoid heating and collision of handles.
21. Do not use sprays near the appliance.
22. Flame control knob should be turned to off position "●" after use.
23. Clean burner caps regularly to ensure smooth passage of burner flame holes. In case of cooking spillage, clean appliance properly once it cools down.
24. If abnormal noise is observed, turn off flame. Check placement of burner caps and place them correctly after appliance cools down. Contact appliance vendor or Towngas Company for inspection if problem persists.

## Important Safety Instructions

### Maintenance

1. Check condition of gas hose regularly. Ensure that it is free from kink or crack. Contact appliance vendor or Towngas Company to replace it if damage is found.
2. Allow the appliance to cool down completely before cleaning.
3. Wear gloves to protect the hands from cutting by sharp edges when cleaning the appliance.
4. Dry burner caps completely with dry cloth after washing. Flame holes of burner must be free from water lest combustion is affected.
5. Before and after use, notice the condition and cleanliness of burners. The following abnormal conditions will incur abnormal combustion and thus damage of the appliance. Ensure undertaking measures to rectify the problem accordingly.

Abnormal Condition	Handling Measure
Burner caps are deformed	Contact appliance vendor or Towngas Company to replace the parts.
Burner caps are tilted	Replace burner caps properly. Burner caps must not be tilted.
Burner flame holes are blocked by water	Dry burner caps with cloth and replace them properly.
Burner flame holes are blocked by dirt	Clean burner caps with mild detergent and brush. Dry burner caps with cloth and replace them properly.

## Installation Instructions

### Installation Position

Install the appliance in a well-ventilated room but not at the passage of strong wind. Keep it away from any flammable objects (such as paper, oil), sprays or pressurized containers. The appliance should be installed with a distance of more than 150mm away from surrounding combustible materials. Allow 650mm or more clearance above appliance. If range hood is installed above the appliance and it has different installation requirement of separation, adopt the larger value.

### Appliance Installation

Position the appliance onto the bench-top. Ensure the bench-top is stable and flat.

### Gas Connection

Connect the gas appliance to the gas supply according to the prescribed standards in force, and ensure that the appliance matches with the type of gas supply. Furthermore, check that the supply pressure is 2.9 kPa.

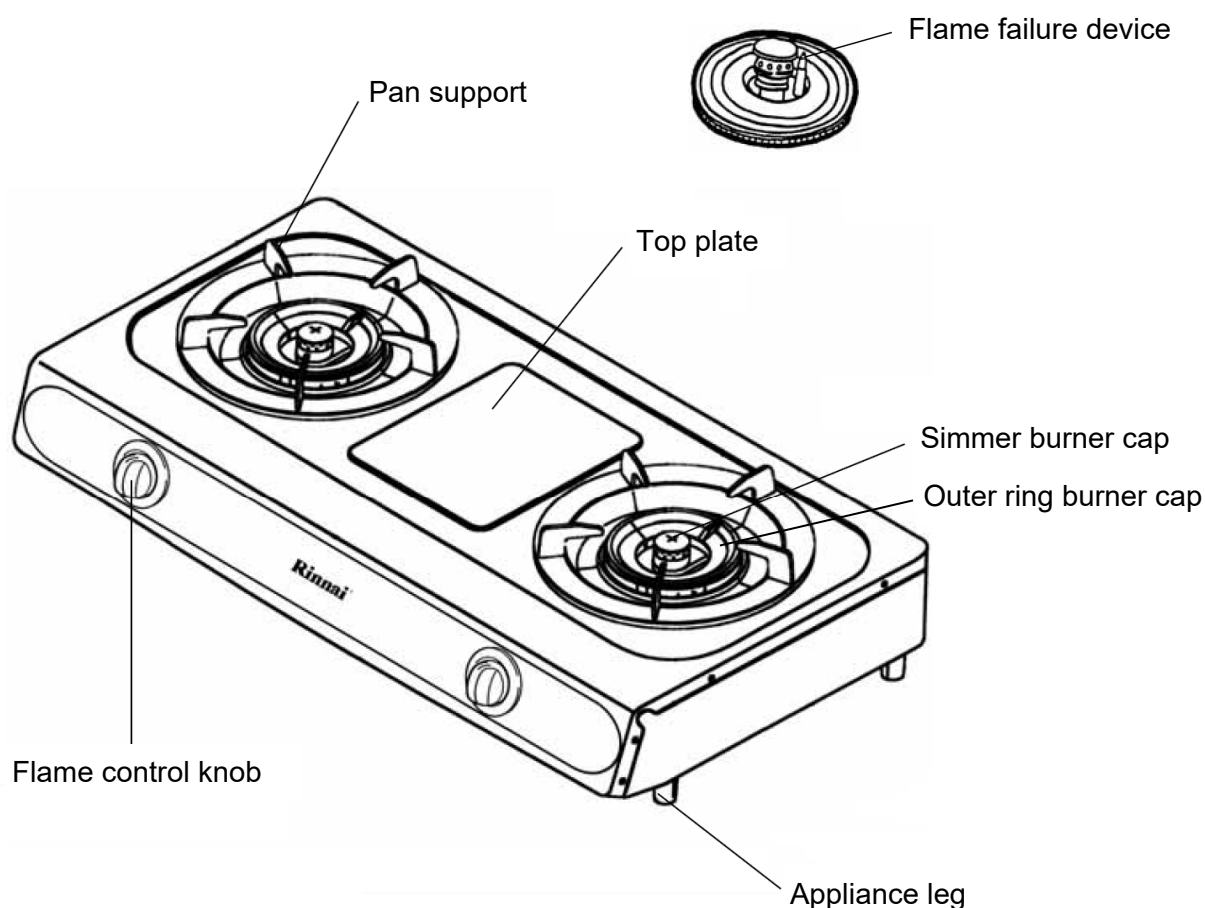
#### Attention:

The gas connection is  $\frac{3}{8}$ " ( $\varnothing 8.8\text{mm}$ ) hose end for RRS2.

Use approved gas tubing for connecting to appliance. Flexible tubing must not be longer than 2000 mm. Tubing shall not touch any moving parts, be kinked or compressed. After connection, check gas soundness of piping. Never use naked flame for checking.

### Completing Installation

Make sure that all the parts are fitted



## Installation Instructions

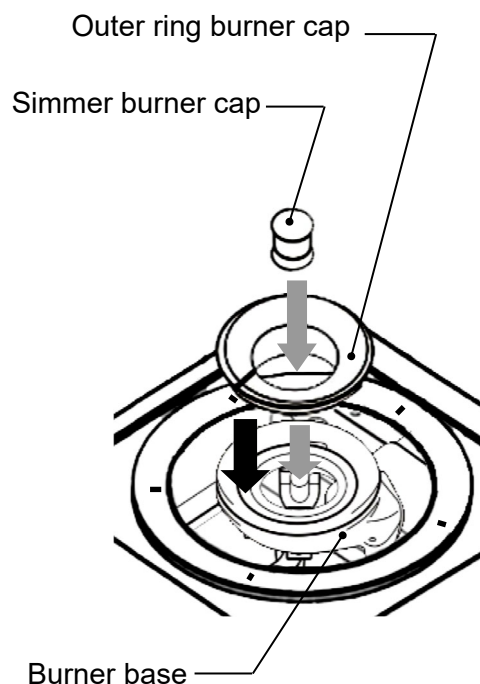
### Placement of Burner

- Burner is composed of outer ring burner cap, simmer burner cap and burner base.
- Place the outer ring burner cap and simmer burner cap onto the burner base without tilting.



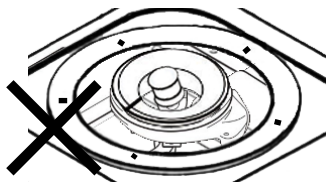
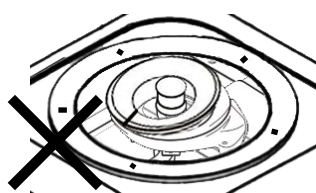
**Do not use appliance with burner caps positioned improperly.**

- It may not be ignited if burner caps are not placed properly.
- It may cause incomplete combustion, risk of carbon monoxide poisoning and burner deformation, due to uneven flame shape and lighting back.
- It may cause flame getting into the appliance and damage it.



Tilted outer ring burner cap

Tilted simmer burner cap



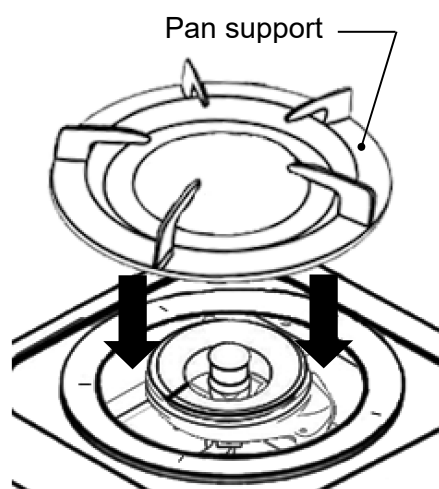
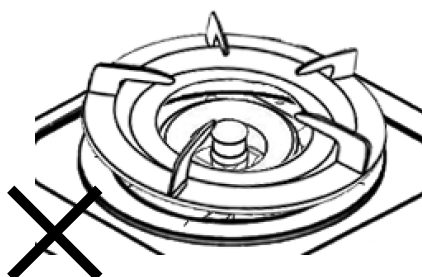
### Placement of Pan Support

- Place the pan support to the appliance properly.



**Do not use appliance with pan support positioned improperly. Due to improper placement of pan support, cooking utensil may become unstable and cause hazard.**

Improper placement of pan support



## Operating Instructions

### Ignition of Burner


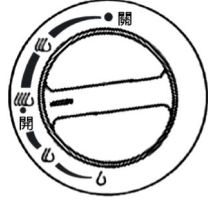


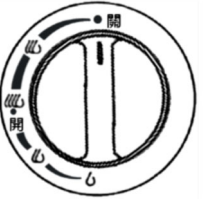
Ensure the flame control knob is at the off position “●”. Press and turn the knob in anti-clockwise direction to ignition position. Keep pressing the knob for 5 seconds. (A clack sound is emitted when the knob reaches the ignition position). After releasing the knob, make sure the flame persists.

**Attention: If the appliance has not been used for a long time, the first ignition may not succeed due to trapped air in gas pipe. Turn the flame control knob to the off position “●”. Repeat the above ignition procedures until success of ignition.**

### Flame Control

After ignition, turn the rotary knob to adjust flame power according to cooking needs. Please adjust slowly.

When adjust flame power from maximum close to medium, if flame of outer ring burner is found unstable (weak or extinguished), please adjust the flame power to maximum until flame of outer ring burner is stable, or reduce flame power and use flame of simmer burner.

	Medium	Ignition / Maximum	Medium	Minimum	Off position
Rotary knob position					

### Flame Extinguishing

Turn the flame control knob to the off position “●”.

**Attention: Pop sound may be generated during the flame extinguishing due to instant combustion of gas remained in burner. This is a normal phenomenon.**

## Maintenance

**Attention: Allow the appliance to cool down completely before performing any maintenance and cleaning. Wear gloves to protect the hands while cleaning.**

To maintain the appliance properly, follow the following instructions to clean it regularly:

- Do not use steam cleaners for cleaning;
- The metal and enameled parts must be cleaned with suitable non-abrasive and non-corrosive detergents. Avoid using chlorine-based detergents (e.g. bleach) for cleaning;
- Avoid leaving acidic or alkaline substances on the appliance (e.g. vinegar, brine, lemon juice, etc.);
- Clean and tidy up the burners after spillage of liquid once it cools down;
- The burner caps must be washed regularly with warm water and detergent. Remove any grime and keep the flame holes of burner away from blockage;
- Dry the burner caps completely after washing and check all flame holes of burner are not clogged;
- Replace burner caps onto burner base. Ensure that they are not tilted or reversed;
- Regularly check the flame failure device . In case of sticking with stains, clean it with soft brush.



## Troubleshooting

**Attention: Before restarting ignition, return the flame control knob to off position “●”.**

Ensure that the appliance cools down completely before undertaking remedial measures. If not effective after undertaking the following remedial actions, please appliance vendor or Towngas LPG Appliances Sales Enquiry and Service Hotline on 2232 1111.

Fault	Cause	Remedy
1. No ignition or flame	Piezoelectric ignitor fails.	Contact appliance vendor or Towngas Company to replace the part.
	Main gas valve and / or appliance gas supply valve is turned off.	Open main gas valve and/or appliance gas supply valve completely.
	Air is trapped inside gas pipe.	Repeat ignition until trapped air is removed.
	Burner is blocked by aluminum disc.	Remove aluminum disc.
2. Flame does not persist	Flame failure device is dirty.	Clean flame failure device.
	Flame control knob is not fully pressed or not turned to the ignition position.	Fully press and turn the flame control knob to the ignition position.
	Holding time of flame control knob is too short.	Keep pressing flame control knob for 5 seconds.
3. Flame off when using	Flame failure device is dirty.	Clean flame failure device.
	Small flame is blown off by wind.	Wait for 1 minute and restart ignition.
4. Yellow flame	Burner caps have dirt.	Wash burner caps in warm water with detergent. Dry and replace them at correct position. Restart ignition .
5. Unstable flame	Deformation of burner caps.	Contact appliance vendor or Towngas Company to replace the parts.
	Incorrect placement of burner caps.	Replace burner caps correctly after appliance cools down and restart ignition.
6. Abnormal noise when using	Incorrect placement of burner caps.	Replace burner caps correctly after appliance cools down and restart ignition.
7. Pop sound when flame extinguishing	Instant combustion of gas remained in burner.	Normal phenomenon.

## Specifications

Model			RRSH2
Gas Type			Hong Kong LPG
Rated Heat Input (kW)	Total		9.6
	Left Burner		5.0
	Right Burner		5.0
Gas Pressure (kPa)			2.9
Gas Inlet Connection			$\frac{3}{8}$ "(Ø 8.8mm)Hose End
Overall Dimensions (mm)	Height	To top plate	128.5
		To pan support	162
	Width		717
	Depth		387
Weight (kg)			7
Ignition Device			Piezoelectric Ignitor
Flame Failure Safety Device			Thermoelectric Type

