



Gas Water Heater

USER MANUAL

1000-1000-1000-1000

Dear Customers,

Thanks a lot for choosing our brand, please read the following instructions carefully before use.

These instructions provide all the informations necessary for correct use to avoid damage and danger.

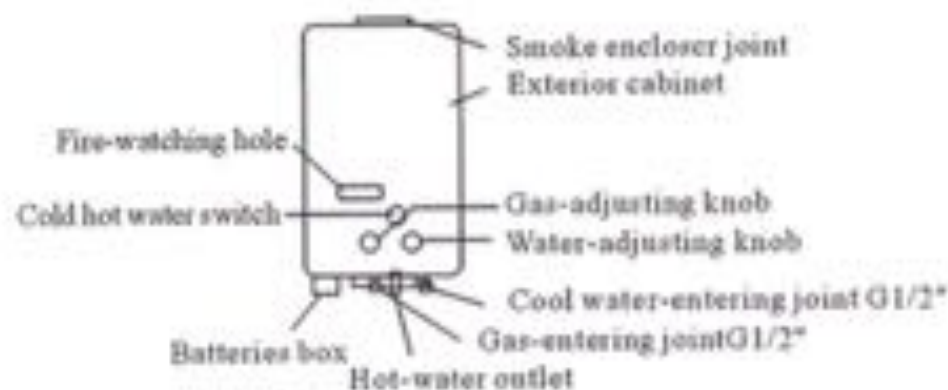
If you have any questions in usage, please do not hesitate to contact us, we are ready to do our utmost to offer you satisfactory service.

Read the operation manual in detail before setting up and using it!

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Exterior structures



Technical features

1. Complete-auto water-controlling: Hot water will pour in only when you open water tap.
2. High efficient energy-savign: The heat exchanger and main combustor both adopt the most advanced energy-saving technique to reduce gas-consuming and gas-noise.
3. Low hydraulic pressure starting-up: Water-controlling linkage valve has the feature of low hydraulic pressure starting-up. When in the state of high hydraulic pressure, it can cater for the need of deficiency-water region and consumer.

4. Variety of automatic protecting: Reliable and safety.

- ① Ion-flame inspecting, extinguishing safely and reliably.
- ② Function of over-hydraulic pressure protecting: It can automatically leaking pressure when occurring over hydraulic pressure.
- ③ Function of cold-protection: When using in cold region for along period, the device of cold-protection can drain off the contained water to prevent the damage of device causing by its freezing.

5. Back-forming design: Function of simultaneously cool-water and hot-water controlling.

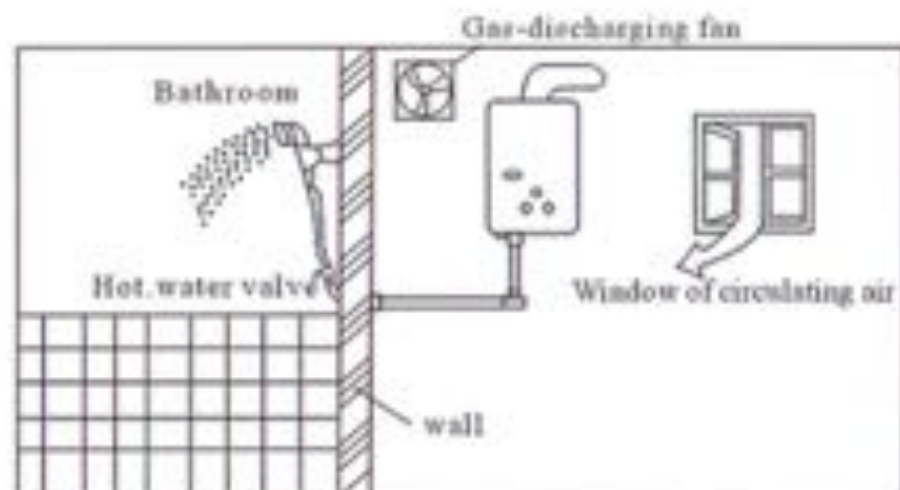
6. Exterior super-thinness and beautiful: Modern linear designer super-thinness exterior and beautiful-mould.

Technical parameters

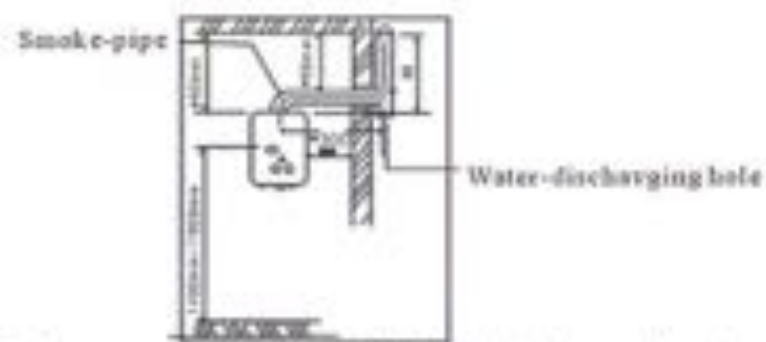
Description	Quick-speed Household Gas Water Heater									
Hot Water Output (L/min. $\Delta T=25^{\circ}\text{C}$)	5	6	7	8	10	12	14	16	20	
Heat Output(kW)	10	12	14	16	20	24	28	32	40	
Water Pressure	Min.0.01MPa,Max.0.5MPa									
Gas Pressure	Natural gas-2000Pa,LPG-2800Pa									
Water Connection	G1/2" pipe									
Gas Connection	9.5mm gas hose(inner diameter)									

Installing method:

The water heater should be installed outside the door which has good air-circulation. The chamber should be kept well air circulating. The installment should be performed by the worker qualified by the gas agency. (Drawing 1):

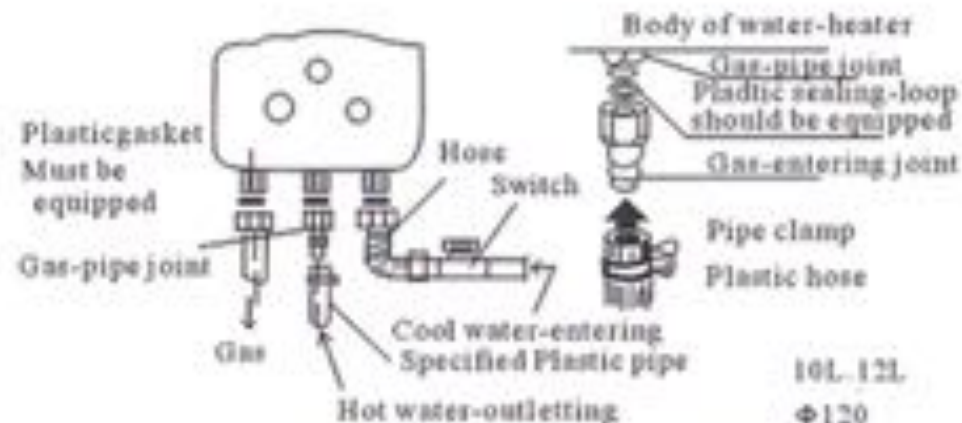


1. Location of setting up



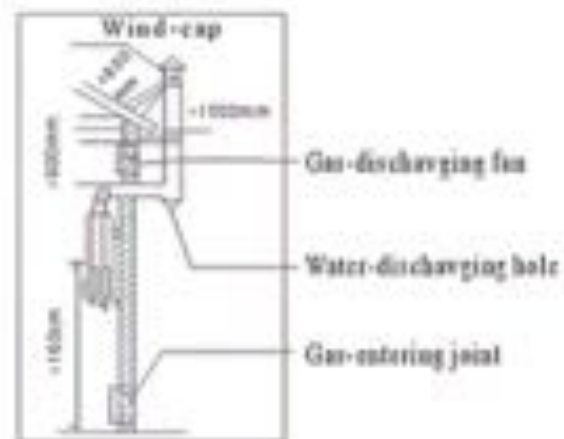
- ① For the convenience of disassembling, maintaining and servicing, one space of more than 600mm should be left above the water-heater and on both sides of it more than 300mm space by left. (Drawing2)
- ② The height of the fire-watching window should be kept as that of person (About 1400-1600mm)
- ③ Kept it away the place of flammability, electrical appliances, coal gas and electric-wire off 500mm.
- ④ The water-heater should be fixed on the fire-resisting wall and screwed by expansive bolt.

2. Connection of pipes(Refer to draw 3)



- ① The diameter of connecting pipe should be screw thread G1/2". The decompression valve assorting with the oil gas steel canister is no less than 0.6m. h 3, the length of the oil-durable hose will be not longer than 2 m.
- ② The place of gas-entering joint should be equipped with plastic gasket, also screwed firmly and tighten the hose with clamp.
- ③ Clean the cool water-entering pipe before using to prevent it from blocking up th water-way by its trash remained in the hose.
- ④ Water-supplying pipe and gas-supplying pipe should setup valve for the convenience of installing and servicing.
- ⑤ After installing, you should inspect the water-leakage and gas-leakage of the pipe. Inspect the gas-supplying pipe with a brush bedewing with soap water to confirm the good-sealing.

3. Installing smoke-pipe:



- ① The water heater installing smoke-descharging opening, it will be furnished with smoke-cap. Please locate it on the opening according to the drawing 4 and discharge the smoke out of the chamber.
- ② The smoke-pipe is made of thin corrosion-proof metals.
- ③ The smoke-discharging opening should be furnished with smoke-cap to prevent the smoke and rain pouring back into the chamber.

Operation method

1. Open the door and window and also start up the gas-discharging fan to keep the chamber installed the water heater good ,air circulating.
2. Open the main gas vane.
3. Open the water-supplying valve to watch whether it can automatically inflame. If it inflames without discharging electricity after the valve has been opened, please turn the water adjusting knob to the higher temperature to watch whether it can automatically inflame. If it fails again, it may be hydraulic pressure too low.
4. Adjust the volume of gas and water temperature. You will get the most favorable temperature of water.
5. When use at the first time, because of there being air remained in the pipe, it will fail to inflame in the 10 seconds. If this occurs, you

should open the water-supplying valve again.

6. Stop using temporarily, close the water-supplying valve. If you use it again, because the remaining heat makes the water temperature rise. At this time you should be careful to escape the heating water to prevent from scald.
7. When you finish it, you should close the valve of water-supplying and gas-supplying. If in the cold weather you should discharge the water remained in the water heater to prevent from the damage of cold-cracking.
8. If the sound of ignition is too low and internal time is too long. You should make change the batteries, change one time every 6 months. If the batteries is qualified. The batteries is two sets of 1.5V battery.

Safety regulation

1. The water water heater should not be installed outside the door or the place where the wind can blow it directly. The place installing the water heater should be equipped with strong air-changing fan and above of 0.06m² shutter.
2. The smoke-pipe and wind-preventing cap should be installed to keep the gas and smoke discharged outside.
3. When finish using, you should close the gas valve. When you go out you should, close the gas main valve.
4. Check whether gas leaking with soap water and the malfunction.
5. When occurring the gas leakage, you should firstly close the main gas valve and be careful not to inflame, turn on or off any electrical appliances. And open the door and window to let gas discharging outside to prevent from fire.
6. When using you should keep the chamber good air-circulating.
7. The water heater is kept away off the inflammable, explosive goods, textile and chemical-poison. Don't cover the upper of the water heater with paper, plastic cloth and textile cloth.
8. The hot water pouring out of the water heater is not fit for drinking.

Notice of maintaining, preserving and cleaning

1. Clean the filter of the cool water-entrance frequently and inspect whether there is jam in the gas-discharging place.
2. Adopt the decompression valve with the qualified production license and quality guarantee card.
3. Check whether the gas-supplying pipe leaks and the hose cracks, the reliability of gas valve sealing. If finds any problem you should change it immediately.
4. Clear off it if the electric pole of ignition and heat electric couple have carbon.
5. After one years usage, have the qualified professional worker or service agency repair it.

After-sale service

- If the water heater occurs malfunction, please check it according to item of "Malfunction and trouble-shooting". If it still has malfunction, you should contact with agency and service department designated by our company.
 - You may write to us or telephone to us to contact our after-sale service, you should specify the following detail contents:
 (1) Description of product, type and expiry manufacturer.
 (2) Malfunction phenomena(In detail)
 (3) Procedure.
- Our company will provide you with detail service and make you satisfied. Thanks a lot for your choice of our high-quality product!

Malfunction Description of the problem	Is it serious	Is it dangerous (to life)	Is it easy to handle	Is it easy to repair	Is it easy to prevent	Is it easy to diagnose	Is it easy to replace	Is it easy to maintain	Is it easy to use	Is it easy to repair	Is it easy to prevent	Is it easy to diagnose	Is it easy to replace	Is it easy to maintain	Is it easy to use	Method of handling
Gas supplying malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the gas supplying pipe and the gas valve.
Ignition malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the electric pole and the heat electric couple.	
Water discharge malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the filter of the cool water-entrance.	
Gas discharge malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the gas discharge pipe and the gas valve.	
Overheating malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the gas supplying pipe and the gas valve.	
Gas supplying malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the gas supplying pipe and the gas valve.	
Ignition malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the electric pole and the heat electric couple.	
Water discharge malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the filter of the cool water-entrance.	
Gas discharge malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the gas discharge pipe and the gas valve.	
Overheating malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the gas supplying pipe and the gas valve.	
Gas supplying malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the gas supplying pipe and the gas valve.	
Ignition malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the electric pole and the heat electric couple.	
Water discharge malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the filter of the cool water-entrance.	
Gas discharge malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the gas discharge pipe and the gas valve.	
Overheating malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the gas supplying pipe and the gas valve.	
Gas supplying malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the gas supplying pipe and the gas valve.	
Ignition malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the electric pole and the heat electric couple.	
Water discharge malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the filter of the cool water-entrance.	
Gas discharge malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the gas discharge pipe and the gas valve.	
Overheating malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the gas supplying pipe and the gas valve.	
Gas supplying malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the gas supplying pipe and the gas valve.	
Ignition malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the electric pole and the heat electric couple.	
Water discharge malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the filter of the cool water-entrance.	
Gas discharge malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the gas discharge pipe and the gas valve.	
Overheating malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the gas supplying pipe and the gas valve.	
Gas supplying malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the gas supplying pipe and the gas valve.	
Ignition malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the electric pole and the heat electric couple.	
Water discharge malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the filter of the cool water-entrance.	
Gas discharge malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the gas discharge pipe and the gas valve.	
Overheating malfunction	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Check the gas supplying pipe and the gas valve.	

Warranty Card

Customer Info.			
Purchase Date		Invoice No.	
Name & Model			
Maintenance record(written by maintenance person)			
Date	Content	signature	
Please keep this card and purchasing invoice for after-sale service			