

GAS WATER HEATER USER MANUAL



Read this manual carefully before use and keep for future reference.

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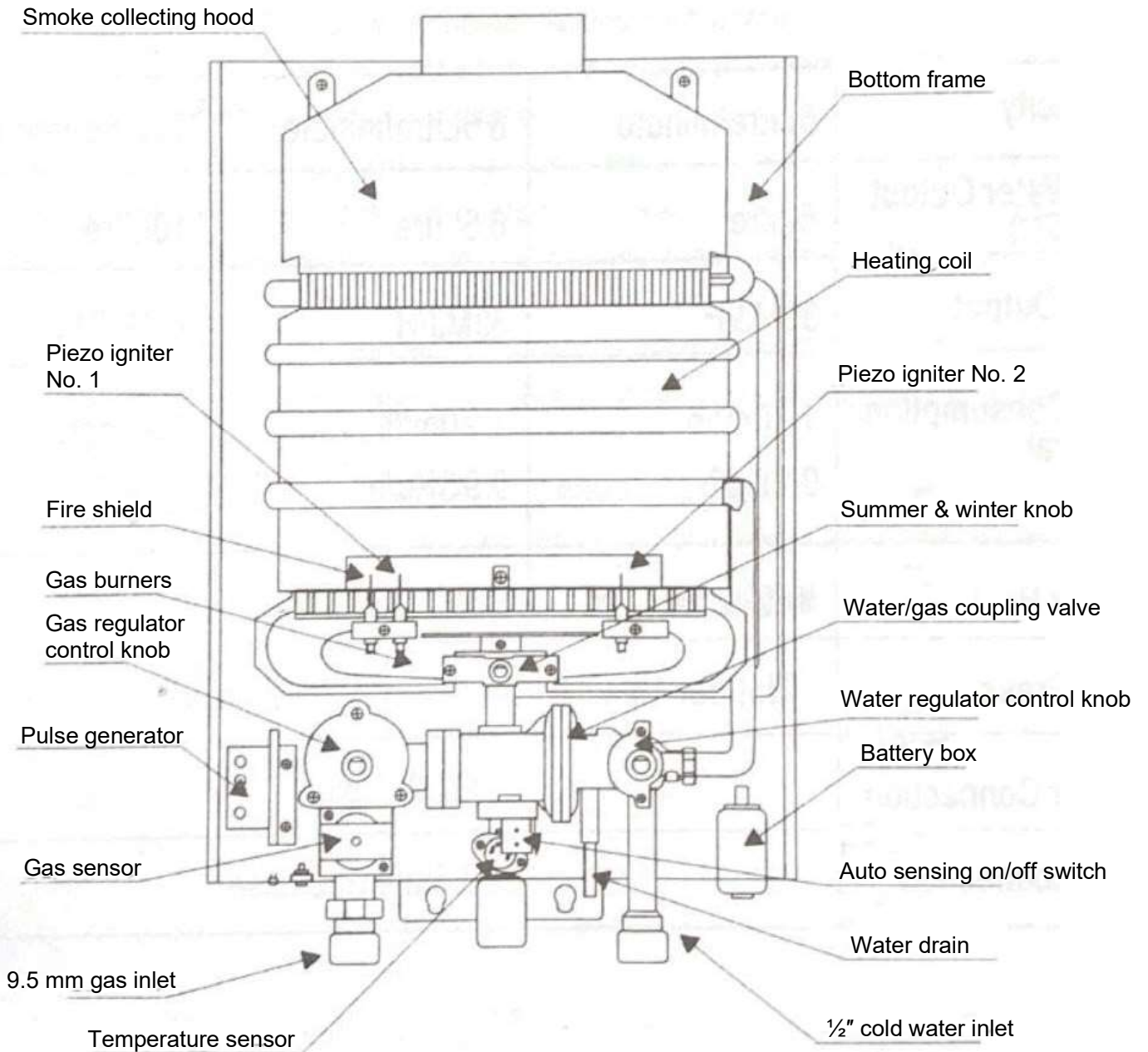
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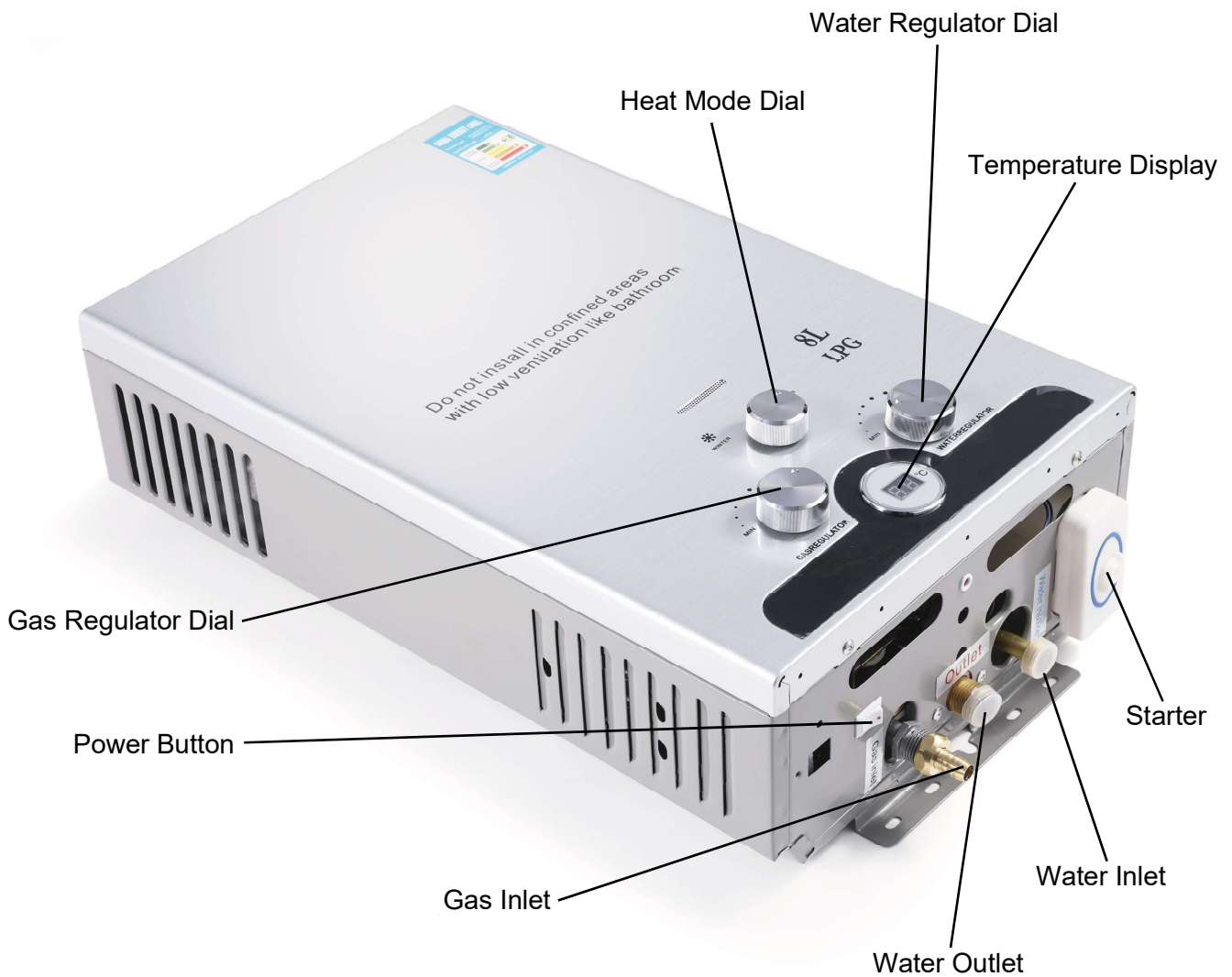
SAFETY INFORMATION

WARNING

- **DO NOT** cover the top of the gas water heater.
- This water heater should automatically regulate its gas flow to match its water flow and automatically cut off the gas if no flame is detected. IF there is ANY gas smell, **IMMEDIATELY** turn off the gas and open all your home's doors and windows. Do not turn any electrical device on or off and call a qualified service technician to correct the problem before restarting the heater.
- This water heater should automatically protect against overheated water. If the taps begin to discharge excessively hot water, call a qualified service technician to correct the problem before restarting the heater.
- In winter, if the water temperature in your pipes goes below 4°C (39.2°F), drain out the water in the heater completely to avoid any damage from freezing.
- Turn off the main gas supply to the heater when not in use or during maintenance. If the water heater will not be used for a long time, turn off its gas, drain its water, and remove its batteries.
- **DO NOT** touch the burner viewing window while the heater is on.
- Check the gas pipe regularly for aging, cracks, etc. Generally, replace your rubber gas tubing every 6 months.

PARTS DIAGRAM





Not provided, but required for operation:

- D Batteries × 2
- Roll of PTFE Tape × 1
- Natural Gas Detector/Leak Alarm × 1

SPECIFICATIONS

Max. Flow Rate	2.11 gpm (8 L/min.)	2.6 gpm (10 L/min.)	3.17 gpm (12 L/min.)	4.22 gpm (16 L/min.)	4.7 gpm (18 L/min.)
Temp. Increase at Max. Flow	25°C (77°F)				
Heat Output	16kW	20kW	24kW	32kW	36kW
LPG Consumption	2.2 pph (1 kg/h)	2.6 pph (1.2 kg/h)	3.3 pph (1.5 kg/h)	4 pph (1.8 kg/h)	4.4 pph (2 kg/h)
Max. Water Pressure	7.2 psi (0.5 bar)				
Min. Water Pressure	0.2 psi (0.015 bar)				
LPG Pressure	0.4 psi (28 mbar)				
Water Inlet	1.3 cm (½ in.)				
Gas Inlet	0.37 in. (9.5 mm)				

INSTALLATION

This heater should be installed & inspected only by trained & licensed technicians.

- Do not install the heater inside your bathroom.
- Install the heater in a well ventilated area, preferably outside. If installed outside, ensure that the heater is placed in weatherproof housing. Ensure that none of its vents are obstructed by the housing.
- Do not install the heater in a location with acidic, explosive, or flammable materials.
- The burner viewing window should be at least 1.5 m (5 feet) above the ground.
- There should be at least 30 cm (1 foot) between the top of the heater and any ceiling.
- Ensure your water and LPG lines are at the correct pressure and free of dirt and debris.
- Mount the heater using at least 2 bolts or screws well secured in a sturdy wall.
- Connect the gas inlet and water inlet and outlet.
- Insert two 1.5V D batteries (not included) into the starter.
- Remove the cover attached to the gas inlet and cover the inlet's threading with PTFE tape. Screw the provided flow control valve into the gas inlet.
- Check that no gas is leaking before opening the water tap and starting the heater.



OPERATION

To start the heater, open your valve and let water flow into the heater. The main burner should ignite automatically. If the burner does not ignite, close the tap and repeat the process. This sometimes occurs because of air in the gas pipe. To turn off the heater, shut off your water valve.

Gas Regulator Control Knob

Turn the gas knob clockwise to increase the gas supply to the main burner and counterclockwise to decrease it.

Water Regulator Control Knob

To get hotter water, reduce the flow rate by turning the knob clockwise. To increase flow and decrease the water temperature, turn the knob counterclockwise.

Summer and Winter Knob

The summer setting of this knob shuts off $\frac{1}{4}$ of the burners to save energy.

MAINTENANCE

- The heater must be checked for safe operation annually, regardless of the frequency of use.
- Maintenance and inspection should only be carried out by qualified and authorized technicians.
- If the heater is installed in a hard water area, in time you may find a fall in hot water temperature or a reduction in the hot water flow from scale formation. To reduce scaling, it is recommended to use the water and gas control knobs to obtain your desired water temperature directly instead of fully heating your water in the device & mixing it with cold water at your taps. The built-up scaling can only be removed by authorized technicians.

TROUBLESHOOTING

Problem	Possible solutions
The burners do not ignite.	<ul style="list-style-type: none">• Check that the batteries are charged and your LPG bottle or supply is providing gas.• Check that the gas and water control knobs are turned on and the water pressure is at least 4.35 psi (0.3 bar).• Turn the water knob off, wait a minute or two, and then turn it back on.
Water pressure is above 0.3 bar but does not trigger ignition.	<ul style="list-style-type: none">• Shut off the water and gas and check the water inlet filter for any blockage.

For other issues, contact a trained & licensed technician and/or customer service.

CONTACT US

Thank you for choosing our products! If you have any questions or comments, contact us at help@cs-supportpro.com and we'll resolve your issue ASAP!

For a .pdf copy of the latest version of these instructions, use the appropriate app on your smartphone to scan the QR code to the right.

