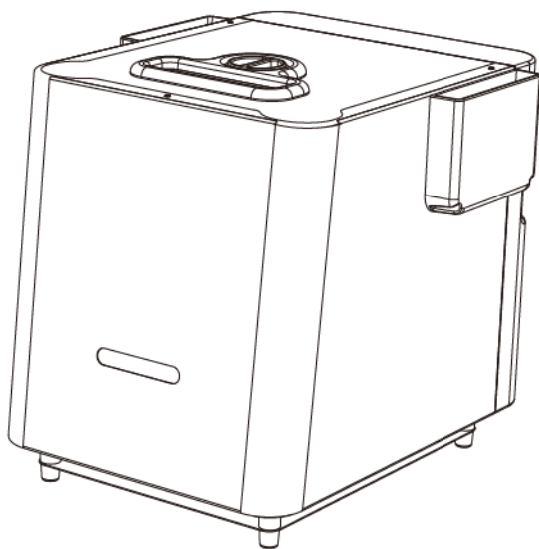


Portable Gas Water Heater

Instruction Manual

Model No.
PWH03



CE¹¹
0359

**THIS APPLIANCE
IS NOT INTENDED
FOR THE SUPPLY OF
DRINKING WATER.**

**THIS APPLIANCE IS
INTENDED FOR THE
SUPPLY OF HEATED
WATER FOR THE
PURPOSE OF WASHING
& CLEANING ONLY.**

**CHECK AND CONFIRM
SAFE WATER
TEMPERATURE
BEFORE USING THIS
APPLIANCE. WATER
FROM THIS APPLIANCE
MAY BE VERY HOT**

IMPORTANT

It is **IMPORTANT** that you read these instructions carefully and understand the operation & safety features of this appliance. Familiarise yourself with the appliance before connecting it to the gas container. Keep these instructions for future reference.

GENERAL WARNINGS

This appliance shall only be used with CE approved 1200mm Propane gas hose & regulator assembly supplied with the appliance and must be connected only to a Propane gas cylinder that under CE certified

This appliance is to be stored in dry & well ventilated location free from direct sunlight. Do not store when still connected to the cylinder. Make sure that the cylinder is disconnected and is stored in a well ventilated area, free from direct sunlight, heat and ignition sources, if being stored indoors insure that the location is out of area where the children can touch.

This appliance must only be serviced by an authorised service agent, return to your place of purchase for service & repair.

DANGER!

This appliance is designed for outdoor use only. Handle with care even after brief use, always pick up using the handle not the cylinder.

Do not use the appliance if it has a leak, worn deteriorated or damaged seals.

It may be hazardous to attempt to fit other types of gas containers or cartridges.

Use only in well ventilated areas.

This appliance shall only be used in an above ground open air situation with natural ventilation, without stagnant areas, where gas leakage and product of combustion area rapidly dispersed by wind & natural convection.

Do not use adaptors or modify appliance to fit other connectors or cylinders.

When using this appliance children must be supervised by an adult at all times.

Never leave appliance unattended when operating.

Do not use as a cooking appliance or modify for any other reason.

CARBON MONOXIDE HAZARD

This appliance produces carbon monoxide which has no odour. Using the appliance in enclosed spaces for example, caravan, car, boat or mobile home could cause **DEATH**.

IMPORTANT

OUTDOOR USE ONLY - The appliance must be used outdoors only and is to be operated no closer than 800mm from the sides & 800mm from above to all combustible surface, fabrics, flammable materials & people. Must only be used on solid & stable horizontal surfaces made from non-combustible or non-flammable materials and should be protected from direct drafts and in a well ventilated place

CAUTION: Accessible parts may be very hot. Keep young children away.

Avoid twisting & kinking the Propane gas hose. If you smell gas immediately turn gas off at the cylinder and move the appliance & cylinder to a well ventilated area outside, keeping well away from sources of heat such as naked flames & pilot lights.

Do not attempt to move or relocate the appliance when it is operating. Extinguish the burner & allow to cool, disengage the gas cylinder then move the appliance.

CHECKING FOR GAS LEAKS

Check that all connections are tight and that the gas cylinder connections has been tightened before you turn the cylinder gas valve on.

NEVER check for leaks with a flame or pilot light.

Using soapy water coated all connections, if bubbles appear turn the cylinder gas control off and retighten the connections before re-testing.

Inspect the appliance regularly for signs of wear, leaks or incorrect operation. If symptoms such as flaring of the burners, issues with lighting, damages to hoses or connections or leaks from seals or gas controls are identified do not attempt to repair. Call the sales place for help.

To check if gas remain in the cylinder, disconnect from the appliance and hold the cylinder in a vertical position then shake from side to side, if there is a sound or feel of liquid movement inside the cylinder contains gas.

When changing gas cylinders ensure there is conducted outside in a well ventilation location free from people, animals & ignition sources such as naked flames, pilot lights & electrical equipment with heaters or elements.

APPLIANCE PERFORMANCE

This appliance is designed to raise the outlet water temperature by an average of 25o above the source water temperature and can be adjusted by the gas control located on the top of the appliance.

In the event that the temperature lift is insufficient simply run water through the appliance once returning the heated water to the source water reservoir then run again through the appliance until the desired temperature is reached.

SAFETY FEATURES

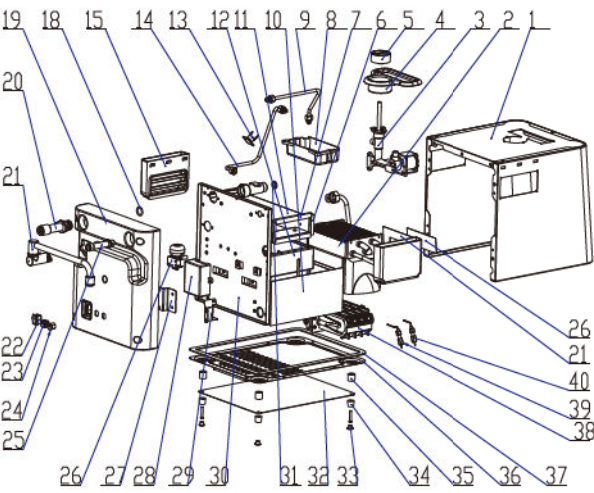
This appliance is equipped with the following safety features:

Over temperature sensor - the appliance will not allow the burner to remain in operation once the outlet water temperature reached 48o, the burner will automatically relight once the outlet temperature falls below 48o.

Water flow sensor - water must be flowing through the system to allow the burner to ignite. In the case that the water supply is restricted or ceases i.e. the water regulation switch is in the "off" position the burner will be extinguished and will not relight until the water flow recommences.

Tilt switch - in the event that the appliance is moved during operation or is being operation on an unstable or non-solid surface the appliance will shut down and must be switched off until a suitable surface is located.

Parts list

		
42	Mica lamination	1
41	Aluminum foil	1
40	Ignition pin	2
39	Sensor pin	1
38	Burner assembly	1
37	Sealing washer	4
36	Bottom plate assembly 2	1
35	Panel support	1
34	Leg	4
33	Leg washer	1
32	Panel	1
31	sealing washer	1
30	Back body	1
29	Burner bracket 2	1
28	Ignition box	1
27	Burner bracket 1	1
26	Anti-tilt switch	1
25	Gas input connector 2	1
24	Red socket	1
23	Black socket	1
22	On/Off switch	1
21	Water output connector assembly	1
20	Water sensor	1
19	Rear base	1
18	sealing ring	1
17	sealing washer	1
16	Sealing ring	1
15	Exhaust gas hole	1
14	Gas input pipe assembly 2	1
13	Temperature switch	1
12	Gas valve bracket	1
11	Exhaust gas collector 2	1
10	Aluminum foil	1
9	Gas input pipe assembly 1	1
8	Handle base	1
7	Sealing item 1	1
6	Sealing item 2	1
5	Knob	1
4	Handle	1
3	gas valve assembly	1
2	heat exchanger assembly	1
1	Top body assembly 2	1
code	name	qty

The components come with the products may differ for different areast, so check all components clearly with the retailer

COMPONENTS LIST

1. Gas control
2. Water inlet
3. Gas inlet
4. Water outlet
5. Shower head
6. 12V DC connector
7. View window
8. On/Off switch
- 9.DC pump & hose assembly



DC pump & hose assembly

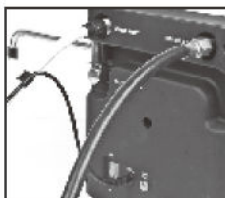


SETTING UP THE APPLIANCE

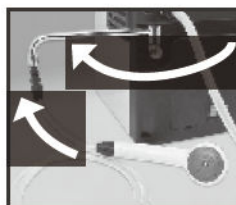
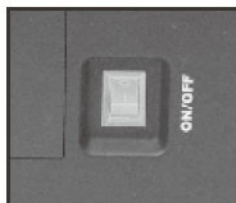
Remove all components from the storage bag and then place the appliance on a solid, stable surface and straighten out all hoses to guarantee no kinks or twists remain.

Attach the DC pump & hose assembly to the appliance by connecting to the threaded "water inlet" connection, then to the electrical connection marked "pump"

Attach the hose and regulator to the "gas inlet" then connect to the Propane gas cylinder, tighten all connections with a spanner. Turn the gas cylinder on in an anti-clockwise direction one (1) full turn, then check connection for leaks with soapy water (do not use a flame). If a leak is detected turn the cylinder valve off & retighten all connections then retest. If no leaks are detected turn the cylinder valve to the off position



Swing the water outlet pipe away from its storage position to the side of the appliance. Take the shower head & hose assembly and attach to the water outlet.



Check that the power switch at the rear of the appliance is in the "off" position. Connect the 12V DC lead in to the power socket marked "DC Input" and then connect cigarette fitting in to a suitable DC power source.

OPERATING THE APPLIANCE

Submerge the pump in a suitable reservoir of clean water, DO NOT use water direct from rivers, lakes or the ocean. Locate the shower head in the desired position & ensure that the flow regulation switch is in the "open" position



Turn the gas cylinder valve on in an anti-clockwise direction one (1) full turn then turn the power switch to the "on" position. Water should start to flow from the shower head within 20 seconds then the electronic ignition should be heard igniting the burner. The burner flame can be seen operating through the viewing window located on the front of the appliance.



Important - During operation ensure that all air inlets & exhausts are kept free from obstructions and closure.

Taking care to measure the temperature of the water flowing from the shower head the temperature can be adjusted by turning the gas control from the minimum to maximum heat position to reach the most desired heat level.



the water flow can be stopped at any time by sliding the regulation switch to the "off" position. The burner will then extinguish while the pump will still continue to operate. To reignite the burner, slide the flow regulation switch to the "on" position, water will commence to flow and the burner will ignite within 5 seconds.



IMPORTANT: Water remaining in the heat exchanger while the flow is stopped may become hot. When the flow is resumed the user must check the temperature output to ensure that it is suitable for use and has not become too hot.

Once the user has finished using the appliance switch the flow regulator to the "off" position and then turn the "power" switch "off"



STORING THE APPLIANCE

With the appliance operating turn the cylinder gas valve in a clockwise direction to the "off" position. The burner will continue to operate until all gas has been bled from the hose & regulator assembly. When this is completed switch the power off.



Disconnect the DC input, pump & hose assembly from the appliance. Hold the pump approximately 1 meter above the ground and allow all water to drain out before rolling up and storing in the carton or carry bag.



Disconnect the regulator & hose assembly from the appliance & gas cylinder and store in carton or carry bag.



Disconnect the shower head & hose from the water outlet, hold the shower head approximately 1 meter from the ground and allow all water to drain out before rolling up & storing in the carton or carry bag. Return the water outlet to its storage position.



DISCONNECTING FROM CYLINDER

1. Check that the appliance is fully extinguished, the gas cylinder control valve is in the fully "off" position & all surface are cool.
2. Loosen the connection to the gas cylinder in a clockwise direction.

CARE INSTRUCTIONS

Using warm soapy water with a mild detergent wipe down all surfaces areas of the appliance, taking care not to allow water to enter the burner outlets, mantle or aeration holes located in the base of the burner tube.

DO NOT submerge the appliance in a sink or bowl.

DO NOT use abrasive cleaners or bleach.

TROUBLE SHOOTING

This guide should be followed in case of failure of the appliance to operate correctly. If symptoms persist contact the retailers for help.

DO NOT ATTEMPT TO REPAIR OR MODIFY THE APPLIANCE

Problem	Cause
Water will not flow from shower head	Check that appliance is switched on
	Check sufficient water is available
	Check that the pump is connected to the appliance
	Check that adequate DC power is available
	Check that the shower flow water regulator is in the open position
Burner will not light	Check that gas cylinder is turned on and that there is gas in cylinder
	Check that water is flowing from shower head
	Check that the water is not over temperature
Water is not hot enough	Check gas control
	Check source water temperature
	Cycle the water through the system back in to the source reservoir then through the appliance again

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1. Check that the appliance is fully extinguished, the gas cylinder control valve is in the fully "off" position & all surface are cool.
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DO NOT: Operate this appliance before reading this instruction booklet.

DO NOT: Place articles on or against this appliance.

DO NOT: Place chemicals or flammable materials, or spray aerosols near this appliance.

DO NOT: Operate with panels, covers or guards removed from this appliance

DO NOT: Operate in an enclosed area without ventilation

DO NOT: Operate in a boat, caravan or tent.