

# Gasmate®

## WATERTECH

### PORTABLE HOT WATER SYSTEM

Model No. HWS0012

Portable instant hot water on demand

Automatic ignition starts when tap is turned on,  
stops when tap is turned off

LCD temperature display screen

Multi- season mode

Low water pressure on start up

Easy temperature adjustment

Hanging / mounting carry handle

Flame failure system

Low pressure safety system

Includes shower head, water hoses, filter, pump, gas  
regulator and hose

Gas certified to Australia & New Zealand standards



 **NOTE: USE OUTDOORS ONLY**

**Important: Retain these instructions for future use**

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Sitro Group Australia Pty Ltd [www.gasmate.com.au](http://www.gasmate.com.au)  
Aber Living, N.Z [www.gasmate.co.nz](http://www.gasmate.co.nz)

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## GENERAL WARNINGS

### IMPORTANT

Read these instructions for use carefully. Familiarise yourself with the appliance before connecting it to a gas container. Keep these instructions for future reference.

### WARNING

- THIS APPLIANCE IS NOT INTENDED FOR THE SUPPLY OF DRINKING WATER.
- Only operate with the pump supplied.
- Never connect to mains pressure water supply.
- This appliance shall only be connected to a cylinder certified to AS2469 standards.
- This appliance is designed for outdoor use only and must be operated away from any flammable material or surfaces and materials.
- This appliance is to be stored in a dry and 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, ensure that the location complies with the standard AS/NZS1596.
- This appliance must only be serviced by an authorised service agent, contact GASMATE directly for your local service agent.

### DANGER!

- ONLY USE IN WELL VENTILATED AREAS.
- During operation all surfaces will be extremely hot and should not be touched or handled.
- Do not use the appliance if it is leaking, damaged or does not operate properly.
- Do not use the appliance if it has worn seals.
- Do not modify this appliance.
- Handle with care even after brief use, always pick up using the handles, not the cylinder.
- It may be hazardous to attempt to fit other types of gas containers or cartridges.
- Always operate appliance a minimum of 300mm from flammable materials, walls and 600mm from the ceiling.
- Do not use adaptors.
- Do not modify appliance to fit other connectors or cylinders.
- Children must be supervised by an adult at all times.
- Never leave appliance unattended when operating.
- Use as a hot water appliance only, not to be used as heater or modified for any other reason.

### CARBON MONOXIDE HAZARD

USING THIS APPLIANCE IN AN ENCLOSED SPACE MAY CAUSE DEATH.

DO NOT USE IN CARAVANS, TENTS, MARINE CRAFT, CARS, MOBILE HOMES OR SIMILAR LOCATIONS.

## IMPORTANT - USE OUTDOORS ONLY

- Keep children away at all times.
- CAUTION: Accessible parts may be very hot. Please take care when handling or moving the appliance.
- Avoid twisting or kinking the flexible hose supplied with this appliance.
- Appliance is to be used on a stable, non-flammable surface.
- Appliance should be protected from direct drafts and in a well-ventilated place.
- Take care that the primary air intakes, located on the burner tube of this appliance are not obstructed, or that air flow is restricted by placing items or other appliances close to or adjacent to the inlets.
- If you smell gas, immediately turn the gas off at the cylinder and move the appliance and cylinder to a well-ventilated area outside, keeping well away from sources of heat such as naked flames and pilot lights.
- Do not attempt to move or relocate the appliance when it is operating, extinguish the burner and 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 connection has been tightened before you turn the cylinder gas valve on.
- NEVER check for leaks with a flame or pilot light.
- Using soapy water, coat all connections, if bubbles appear turn the cylinder gas control off and retighten the connection before re-testing.
- Inspect the appliance regularly for signs of wear, leaks or incorrect operation.

If symptoms such as flaring of the burner, issues with lighting, damages to hoses or connections or leaks from seals or gas controls are identified do not attempt to repair, return to your authorised stockist for service and maintenance.

### CHANGING GAS CYLINDER

To check if gas remains 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 this is conducted outside in a well-ventilated location free from people, animals and ignition sources such as naked flames, pilot lights and electrical equipment with heaters or elements.

### IMPORTANT

This appliance is designed to be used with a source water temperature of 20°C or below, if the temperature of the outlet water exceeds 45-50°C the burners will shut off and will only relight once the outlet water temperature falls below 45°C.

This appliance is designed to raise the outlet water temperature by a maximum (average) of 30-35°C above the source water temperature and can be adjusted by the water flow and gas control.

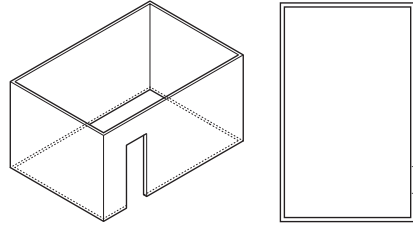
In the event that the temperature lift is insufficient, simply run water through the appliance once returning the heated water to the source water reservoir. Run again through the appliance until the desired temperature is reached.

# SAFETY INSTRUCTIONS

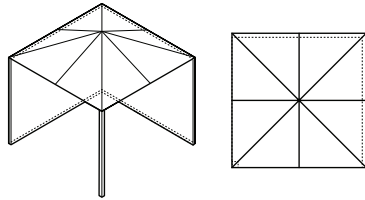
This appliance shall only be used in an above ground open air situation with natural ventilation without stagnant areas where gas leakage is rapidly dispersed by wind and natural convection.

Any enclosure in which appliance is used should comply with one of the following:

A. An enclosure with walls on all sides, but with no overhead cover.

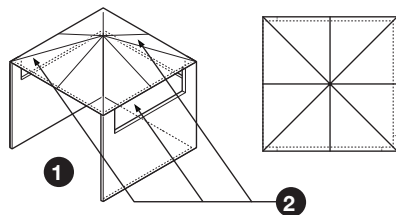
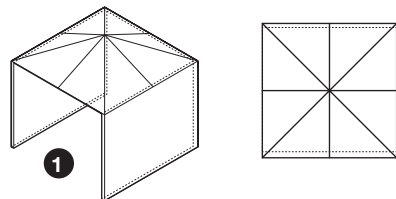


B. Within a partial enclosure that includes an overhead cover and no more than two walls.

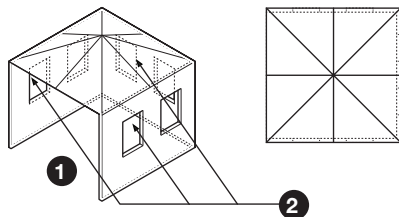


C. Within a partial enclosure that includes an overhead cover and more than two walls, the following must apply:

1. At least 25% of the total wall area is completely open.
2. 30% or more in total of the remaining wall side, back and front wall areas is open and unrestricted.
3. In the case of balconies, 20% or more of the total wall area must remain open and unrestricted.



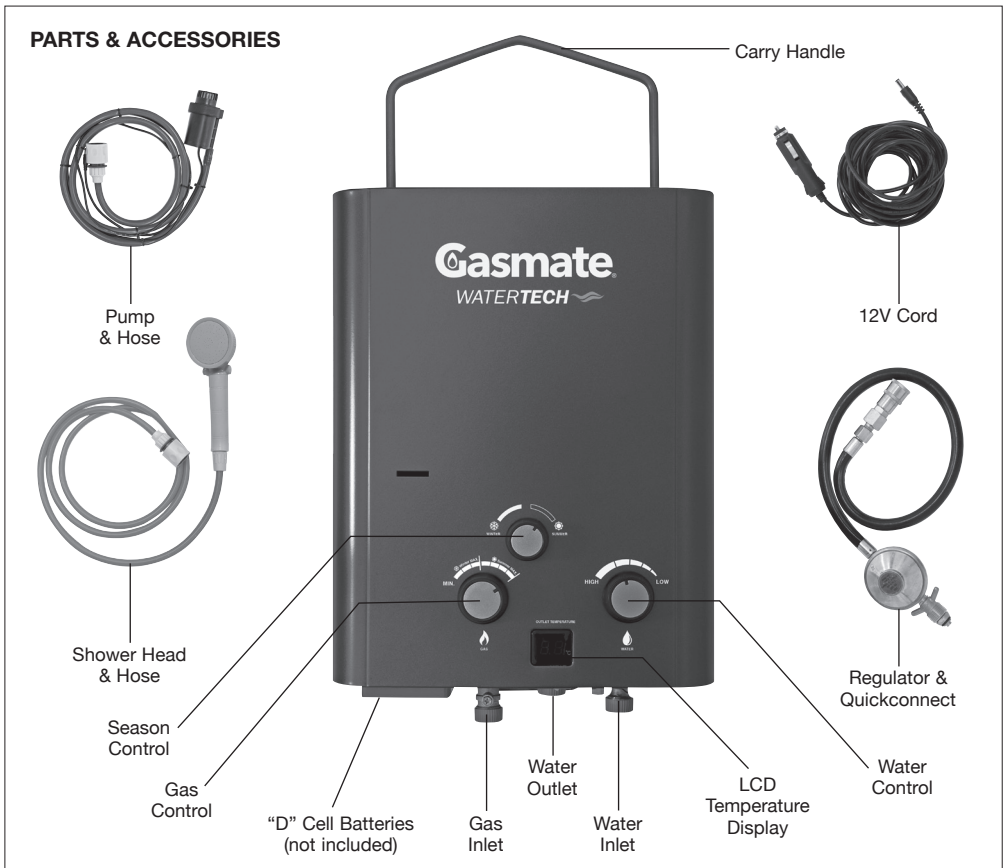
The figures shown are diagrammatic representations of outdoor areas. Rectangular areas have been used in these figures - the same principles apply to any other shaped areas.



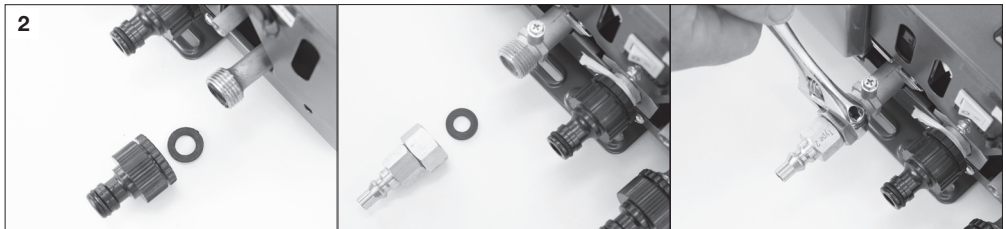
# SETTING UP

The WATERTECH Portable Hot Water System is to be located in a vertical position and partly sheltered from the elements or the potential to be sprayed by the shower head whilst in operation.

Your appliance is not designed to be used as a permanent shower or supply of hot water.



1. Remove from box and check that all accessories are included. Select a strong, secure and non-flammable position to locate the shower.



2. Attach the 1 x Gas and 2 x Water adapters to the inlet connections on the base of the unit. Use the supplied Thread Tape prior to attaching the adapters and ensure all are fitted with the Black Rubber "O" Rings. The Male GAS Adapter must be tightened with a spanner – DO NOT FINGER TIGHTEN.

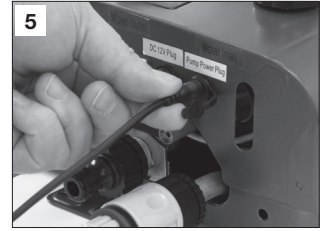
**IMPORTANT** – Failure to include the "O" rings or tightening with a spanner will result in LP Gas & Water leaks causing failure in operation.



3. Attach the FEMALE section of the Quick Connect Gas Fitting to the Hose & Regulator assembly, ensuring that Thread Tape is used.

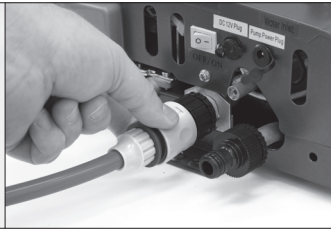


4. Insert 2 x "D" Cell batteries (not included) in the battery compartment and secure the door.

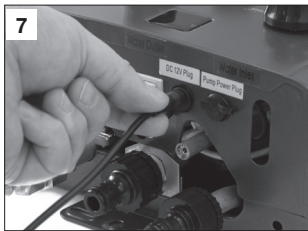


5. Check that the power switch is in the "OFF" position. Place the pump in a suitable water reservoir and attach the hose to the appliance and connect the Power Lead.

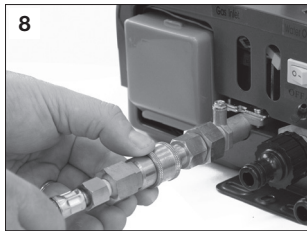
**WARNING** – Only operate with the pump supplied and never connect to mains pressure water supply.



6. Check that the Flow Control on the shower head is in the "ON" position and then connect the hose to the appliance.



7. Check that the switch on the unit is in "OFF" position and then connect the power cable for the 12VDC Power Supply. Connect the male cigarette fitting to a suitable DC power source.



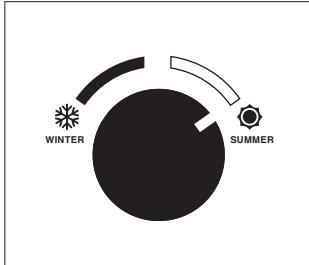
8. Attach the Quick Connect Fitting for the LP Gas Hose and Regulator to the inlet adapter and then connect to the POL Propane gas cylinder & tighten.



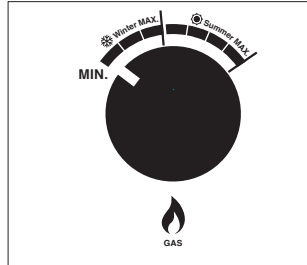
9. Turn the gas cylinder on in an anti-clockwise direction one (1) full turn, then check all LP Gas connections for leaks with a solution of soapy water (do not use a flame). If a leak is detected turn the cylinder valve off, allow any residual gas to disperse, retighten all connections then retest.

# OPERATION

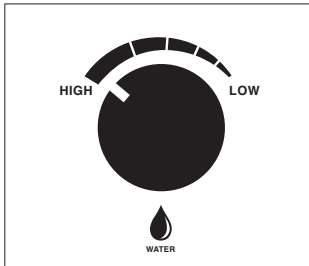
It is **IMPORTANT** that the following steps are followed to ensure that the appliance will start correctly.



1. Turn Season Control to **SUMMER**.  
If the source water temperature is above 10°C, keep the season control knob at **SUMMER**.  
If the source water temperature is below 10°C, turn the season control knob to **WINTER**.



2. Turn **GAS** Control to **MIN.**



3. Set **WATER** flow to **HIGH**.



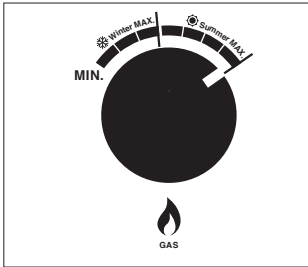
4. Check that the **SHOWER HEAD** flow control switch to **ON**.



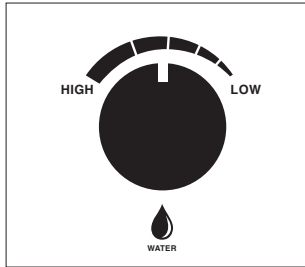
5. Turn **POWER SWITCH** **ON**.
6. Water will start to flow from the shower head & the burner will ignite – Allow the Water Temperature to stabilize before making any adjustments.

# ADJUSTING WATER TEMPERATURE

## SUMMER MODE



1. To increase Water Temperature turn GAS Control to SUMMER MAX and allow temperature to stabilise.

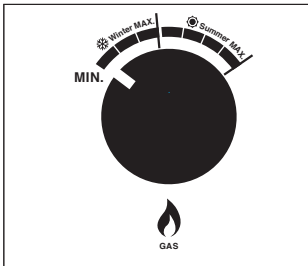


2. Adjust the Water Flow to achieve the desired Water Temperature, i.e. The higher flow rate - the cooler the water will be. The lower flow rate - the hotter the water will be.

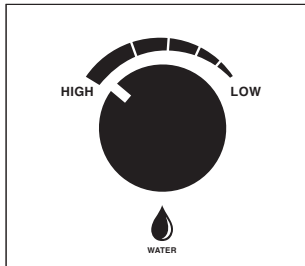
NOTE: The unit will switch off automatically if the water temperature exceeds 50°C.

If ideal temperature is not achieved with the SUMMER setting the following steps can be followed:

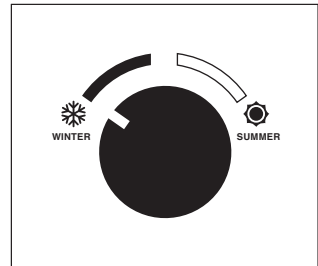
## WINTER MODE



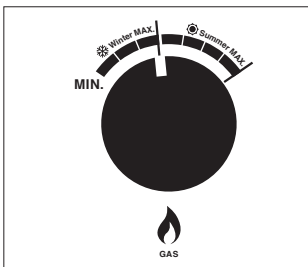
1. Set GAS Control to MIN. Note position of Winter Max.



2. Set WATER FLOW to HIGH .



3. Set Control to WINTER.



4. To increase Water Temperature turn GAS Control to WINTER MAX & allow temperature to stabilise.  
Note: Winter Max as shown on the dial is different to Summer Max.

### The Watertech Hot Water System 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 reaches 45-50°, the burner will automatically relight once the outlet temperature falls below 45°.
- **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 Flow Switch is in the "OFF" position, the burner will be extinguished and will not relight until the water flow recommences.
- **Tilt Sensor** – If the unit falls over or is not level the Tilt sensor will be activated and the burner will not ignite. Once the appliance is level the operation can continue

## CARE INSTRUCTIONS

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

DO NOT use abrasive cleaners or bleach.

## SPECIFICATIONS

Part Number	HWS0012
Model Number	JSZ5.5HD-B14
Description	Watertech Portable Hot Water System
Gas	ULPG
Injector	0.62mm
Pressure	2.75 kPa
Consumption	28 MJ/h
Certificate	AGA 8639 G

## MAINTENANCE & SERVICE

During operation if it is noted that the burner flame is unstable, is changing colour from blue to yellow or has a distinct smell it is important that you take the appliance to your local authorised gas appliance repairer for inspection.

Periodically check the gas control is tight and has no leaks, follow the testing for leaks procedure. Check the gas connection and regulator for any signs of wear or damage, if identified contact customer service for a replacement assembly immediately.

**For any queries or assistance call**



**Customer Service  
Australia Only**

**1300 174 876**

Hours of operation:

Monday to Friday 8.00am - 5.00pm EST

Email: [sales@sitro.com.au](mailto:sales@sitro.com.au)

**Do not return to place of purchase.**

Keep your purchase receipt, this will be required to make any claims under the 12 month warranty.

**NEW ZEALAND ONLY**

For warranty details visit

**[www.gasmate.co.nz](http://www.gasmate.co.nz)**

For warranty claims return to place of purchase.

Your purchase receipt will be required for warranty claims.