

companion[®]

TRUSTED SINCE 1941

AQUAHEAT[™] NXT

PORTABLE HOT WATER UNIT



OWNERS MANUAL

Model No. 10001797

IMPORTANT: PLEASE CAREFULLY READ THESE INSTRUCTIONS BEFORE USING THE APPLIANCE. GET TO KNOW HOW THE APPLIANCE WORKS BEFORE CONNECTING IT TO THE GAS CANISTER. REMEMBER TO KEEP THESE INSTRUCTIONS HANDY FOR LATER USE.

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 and cleaning only. Check and confirm safe water temperature before using this appliance. Water from this appliance may be very hot.

IMPORTANT

- This appliance is designed to be used with a source water temperature of 20°C or below.
- This appliance is designed to raise the outlet water temperature by a maximum (average) of 25°C to 30°C above the source water temperature and can be adjusted by the gas control.
- For safety the appliance is designed to shut off the burner when the water temperature exceeds 50°C +/- 2°C (average).
- The average run time for the appliance from a fully charged battery is 45 to 50 mins before it will require recharging.
- The appliance can be operated whilst connected to AC or DC. The battery will accept charge if it is less than 12V whilst operating.
- During operation ensure that all air inlets and exhausts are kept free from obstructions and closure.
- The unit must be switched on to charge the battery.

GENERAL WARNINGS

- This appliance shall only be used with the regulator supplied with the appliance.
- This appliance shall only be used with a ULPG refillable cylinder certified to Standard AS 2469 that has a 3/8" LH BSP inlet fitting, or a non-refillable 468g disposable Propane cartridge certified to DOT-39, UN1075.
- It may be hazardous to attempt to fit other types of gas containers.
- 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.
- For any product issues, please return the appliance to your place of purchase or contact Customer Service on 1300 362 921.
- Ensure any transit protection is removed before the appliance is used.



ONLY USE IN WELL-VENTILATED AREAS

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.

WARNING! USE OUTDOORS ONLY

CAUTION: Accessible parts may be very hot. Keep out of reach of children.

- When using Refillable Gas Cylinder:

If there is a leak on your appliance (smell of gas), immediately attempt to turn off the cylinder valve. Relocate the appliance to a well ventilated location away from any ignition source. Check for leaks using soapy water. Do not attempt to detect leaks using a flame.

- When using Disposable Cartridge:

If there is a leak from your appliance (smell of gas) and you cannot stop the gas flow, remove the appliance to a well-ventilated location away from any ignition source. Check for leaks using soapy water. Do not try to detect leaks using a flame.

- Use only in well ventilated areas.

- This appliance is intended solely for use in above-ground, open-air environments with natural ventilation, devoid of stagnant areas. Such environments facilitate the swift dispersal of gas leakage and combustion byproducts through wind and natural convection.

- DO NOT MODIFY THIS APPLIANCE.

- Do not use adaptors. Do not 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.

- The appliance should only be used outdoors and must be operated at least 800 mm away from combustible surfaces, fabrics, and flammable materials on all sides and above. It should only be placed on solid, stable horizontal surfaces made of non-combustible or non-flammable materials. Additionally, ensure the appliance is protected from direct drafts and is in a well-ventilated location.

- If you smell gas immediately turn the gas off at the cartridge and move the appliance and cartridge to a well ventilated area outside, keeping well away from sources of heat such as naked flames and pilot lights.

PROHIBITED INSTALLATION

- Do not permanently install or mount this appliance.
- Do not connect appliance to a fixed piping system for water or gas.
- Do not connect appliance to a flue system.

SAFETY INFORMATION

- This appliance is designed for outdoor use only.
- Do not use the appliance if it is leaking, damaged or does not operate properly.
- Handle with care even after brief use, always pick up using the handle.
- It may be hazardous to attempt to fit other types of gas containers or cartridges.

- Do not attempt to move or relocate the appliance when it is operating. Extinguish the burner and allow to cool, disengage the gas cartridge or gas hose then move the appliance.
- Maximum Hose Length: 1500mm.

NOTE: Recommended largest gas cylinder: 9kg LCC27 gas bottle. Not suitable for installation or connection to a reticulated gas supply.

CHECKING FOR GAS LEAKS

- Check that all connections are tight and that the gas connection has been leak tested before you turn the appliance on.
- Never check for leaks with a flame or pilot light.
- Using soapy water coat all connections, if bubbles appear retighten the cartridge before re-testing.
- This appliance must only be serviced by an authorised person.
- Regularly inspect the appliance for any indications of wear, leaks, or improper operation. If you notice symptoms such as burner flaring, difficulties with ignition, damaged connections, or leaks from seals or gas controls, do not attempt to complete repairs yourself. Instead, promptly contact Customer Service for assistance on 1300 362 921
- To check if gas remains in the cartridge, disconnect from the appliance and hold the cartridge in a vertical position then shake from side to side. If there is a sound or a feel of liquid movement inside the cartridge, the cartridge contains gas.
- When changing gas cartridge 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.

- Check that the seals between the appliance and the gas cartridge are in place and in good condition before connecting the gas container.
- Do not use the appliance if it has damaged or worn seals.
- Do not use this appliance if it is leaking, damaged or does not operate properly.

SAFETY FEATURES

This appliance is equipped with the following safety features:

Over temperature sensor

The appliance automatically shuts off the burner when the outlet water temperature reaches $50^{\circ}\text{C} \pm 2^{\circ}\text{C}$. The burner will relight automatically once the outlet temperature falls below 45°C .

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, ie. the flow switch on shower head 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 operated on an unstable surface the appliance will shut down and must be switched off until a suitable surface is located.

Fuse protection

Fuses are located in the cigarette lighter and pump power inlet. In the event of an electrical supply issue these will 'blow' and protect the electronic system of the appliance.

Replacement fuse

5A 250V (5 mm x 20 mm)

SAFE LOCATIONS

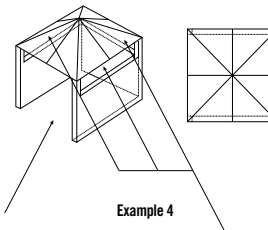
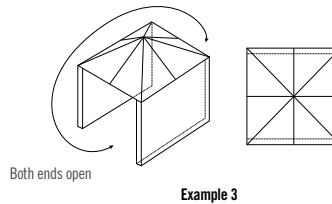
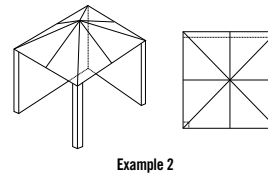
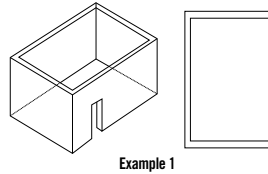
This appliance is intended solely for use in above-ground, open-air environments with natural ventilation, devoid of stagnant areas. Such environments facilitate the swift dispersal of gas leakage and combustion byproducts through wind and natural convection.

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

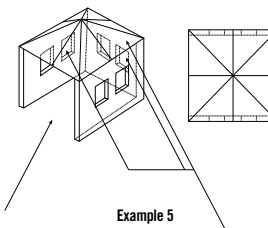
- An enclosure with walls on all sides, but with no overhead cover (see example 1).
- Within a partial enclosure that includes an overhead cover and no more than two walls (see examples 2 & 3).
- Within a partial enclosure that includes an overhead cover and more than two walls, the following shall apply:
 1. At least 25% of the total wall area is completely open. 30% or more in total of the remaining wall side, back and front wall areas is open and unrestricted (see examples 4 & 5).
 2. In the case of balconies, 20% or more of the total wall area shall remain open and unrestricted.

DIAGRAMMATIC REPRESENTATION OF OUTDOOR AREAS

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



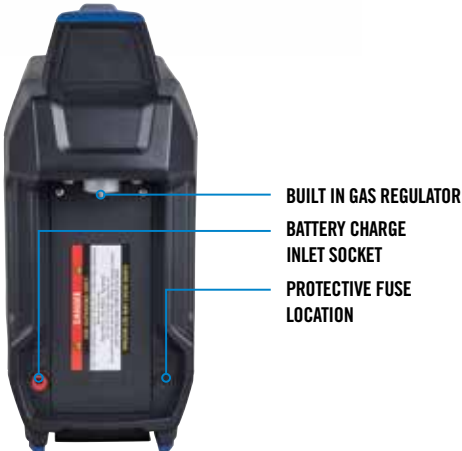
Open side at least 25% of total wall area.
30% or more in total of the remaining wall area is open and unrestricted.



Open side at least 25% of total wall area.
30% or more in total of the remaining wall area is open and unrestricted.

UNDERSTANDING YOUR APPLIANCE

IMPORTANT: During operation ensure that all air inlets and exhausts are kept free from obstructions and closure.



SETTING UP

Step 1. Remove all components and place the appliance on a solid, non-combustible surface and straighten out all hoses to remove any kinks or twists.

Step 2a. Aquaheat requires a 468g Companion Propane Cartridge to run. Screw the gas cartridge (clockwise direction) onto the gas regulator and tighten securely. Check for leaks with soapy water.

Step 2b. The Aquaheat can also be connected to a Companion LCC27 4.5KG or 9KG gas bottle using a Companion BOM to LCC27 Hose. Screw the gas hose (clockwise direction) onto the gas regulator securely. Check for leaks with soapy water.



Step 3. Connect the pump power lead to pump connection socket (black) on the front of the appliance.



Step 4. Attach the pump hose to the water inlet on the front of the appliance. To attach pull back the collar of the quick connect fitting and push on the water inlet firmly, once connected ensure the collar is pushed forward to lock it in place.



Step 5. Submerge the pump in a suitable reservoir of clean water. Do not use water direct from rivers, lakes or the ocean. Do not use salt water with this appliance.



Step 6. Connect the shower hose to the water outlet on the front of the appliance. To attach pull back the collar of the quick connect fitting and push on the water outlet firmly, once connected ensure the collar is pushed forward to lock it in place.



Step 7. Slide shower head flow switch to ON position.



OPERATING THE SHOWER

Step 1. Press the power button and the unit will switch on.



Step 2. Check the battery charge level to ensure adequate power supply. If insufficient, connect to the AC or DC adapter. For detailed instructions, please consult page 11 regarding Appliance Power and Charging.



Step 3. Position the gas temperature control in the central position between MIN and MAX. Then press the START button and water will start to flow within a few moments.



Step 4. The electronic ignition should be heard igniting the burner, when lit, the flame icon on the display will illuminate and the outlet water temperature read out will increase.



Step 5. Taking care to measure the temperature of the water from the shower head, the temperature can be adjusted by turning the gas control until the desired level is reached.



Step 6. The water flow can be stopped at any time by sliding the flow switch on the shower head to the OFF position, the burner will extinguish and the pump will move into standby mode.

Step 7. To turn the water flow back on, slide the flow switch on the shower head to the ON position. The pump will activate and the burner will ignite so you can continue with your hot shower.



Step 8. To turn the appliance off, Slide the shower head flow switch to off and press the power button on the main unit.

IMPORTANT

If water remains in the heat exchanger while the flow is stopped, it may become hot. When the flow resumes, the user should check the temperature output to ensure it's suitable and not too hot.

Once done using the appliance, slide the flow switch to the OFF position and press the START button to stop the flow of water to the appliance.

When using Refillable Gas Cylinder:

After use, turn the gas cylinder valve off, wait for the flame to go out, then turn the appliance off.



NOTE: The shower can still operate with no gas bottle or gas hose attached. The E3 error will appear due to the burner not being able to ignite. This will only be able to circulate the water from your source, it won't be able to heat the water.

STORING THE APPLIANCE

Step 1. Press the power button and turn the appliance off.



Step 2. Disconnect all hoses and hold vertically allowing all excess water to drain from them. Check that the shower head flow switch is in the ON position.



Step 3. Unscrew and remove gas cartridge or gas hose from the appliance.



Step 4. Tilt the appliance forward and to one side to drain any excess water from the heat exchanger through the water inlet.



POWER AND CHARGING

The charging system is designed to recharge the battery while the unit is in operation. However, if the unit is operating while being charged, the recharge times will increase.

Step 1. The appliance is fitted with a 12V battery pack and can be recharged from the DC charge lead included (or the AC adaptor sold separately part number COMP825-10s)

Step 2. To recharge the appliance from either an AC or DC power source, **the unit must be switched on** and the battery charge level must be illuminated.

Step 3. Connect to the DC input socket (red) at the rear of the appliance. The battery charge level will start to flash and move from red to green confirming that the battery is now charging.

Note: While the battery is charging, the light may flash in red, yellow, or green. Once fully charged, it will stay illuminated in green.

Step 4. AC: Connect the three (3) pin plug to a suitable outlet then connect to the appliance and switch on the AC outlet. (Adaptor sold separately)

IMPORTANT

The unit must be switched on to charge the battery.

1.



*AC Adaptor sold separately
P/N: COMP825-10S

2.



3.



CHARGING VIA DC

Connect the adaptor to the appliance and then connect to a suitable outlet via the cigarette lighter fitting.



IMPORTANT:

Do not use AC to DC converters or modify the adaptors supplied with the appliance.

IF THE APPLIANCE IS NOT BEING USED OR IS STORED, IT MUST BE RECHARGED EVERY THREE MONTHS TO GUARANTEE THE BATTERY LIFE EXPECTANCY, FAILURE TO DO SO MAY RESULT IN BATTERY FAILURE. TO MAINTAIN BATTERY LIFE AND CONDITION IT IS RECOMMENDED THAT THE UNIT IS ALLOWED TO BE CHARGED TO 100%

Charge time to recharge the battery from either power source can be reached in:

25% - 1 hour

50% - 2 hours

100% - 4 to 5 hours

SPECIFICATIONS

Model no.	10001797
Model	Aquaheat™ NXT Portable Hot Water Unit
Ignition	Automatic
Inlet voltage	12V DC - 1A
Battery Capacity	3800mAh LITHIUM ION
Gas type	Propane - Non refillable cartridge ULPG
Gas consumption	19 MJ/h
Injector size	0.61mm
Temperature lift	30°C above source water (max)
Max. temperature	50°C
Flow rate	2L per minute
DC power cord length	5 m
Shower hose length	2.5 m
Pump hose length	2 m
Dimensions	442L x 163W x 380H mm
Weight	7.5kg (including accessories)
Certification	SAI-400135

NOTE: Recommended largest gas cylinder: 9kg LCC27 gas bottle. Not suitable for installation or connection to a reticulated gas supply.



TROUBLESHOOTING

This guide should be followed in case of failure of the appliance to operate correctly.

If symptoms persist contact Customer Service on 1300 362 921.

Do not attempt to repair or modify the appliance.

ABNORMAL OPERATION

Water will not flow from the shower head	Check that appliance is switched on
	Check sufficient water is available
	Check that the pump is connected to the appliance
	Check that pump fuse is not blown
	Check that adequate DC power is available
	Check DC fuse in cigarette lighter fitting
Unit will not switch on - display will not illuminate	Check that the shower flow switch is in the ON position
	Check DC fuse in cigarette lighter fitting
	Check that adequate AC/DC power is available
Burner will not light	Check if battery requires recharging
	Check that gas cylinder is turned on and that there is gas in cylinder
	Check that water is flowing from the shower head
	Check that the water is not over temperature
Water is not hot enough	Check gas temperature control is set on MAX
	Check source water temperature
	Recycle the water through the system back into the source reservoir then through the appliance again
Water is too hot	Check gas temperature control is set on MIN
	Check inlet water temperature
	Check water flow from shower head is set to outer ring
	Check if water restrictor plug fitted inside shower head handle
	Remove hose connection and pull out plug Retain plug and refit if conditions change

ERROR CODES

The appliance is fitted with a number of operational and safety features that can be identified by the following error codes. In the event that the unit will not operate refer to the Troubleshooting Guide:

E1: Flame not extinguishing – turn unit off and remove cartridge

E3: No flame / burner not lit

E4: Water outlet – contact customer service

E6: Over temperature shut off

E7: Outlet water temperature exceeds 50°C +/- 2°C

E8: Tilt switch activated – place on level surface and re-start appliance

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.

Do not submerge the appliance in a sink or bowl.

Do not use abrasive cleaners or bleach.

STORAGE AND MAINTENANCE

Do not store when still connected to the cartridge. Make sure that the cartridge 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. Please contact 1300 362 921 or email info@adventureoperations.com for further information.

NOTE: Please lubricate the slide switch on the shower head annually with silicon grease or similar to prevent jamming.

WARRANTY POLICY

1. Products distributed by Adventure Operations Australia Pty Ltd and any of our subsidiaries come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if products fail to be of acceptable quality and the failure does not amount to a major failure.
2. In addition, we warrant that this product will be free from defects in materials and workmanship under normal use as described in the published product documentation for 36 months & the integrated powerpack for 12 months from the date of original purchase (Limited Warranty). This Limited Warranty is only valid and enforceable in Australia and will apply only if you have purchased the product from us or our authorised resellers.
3. To the extent permitted by the Australian Consumer Law and any applicable local law:
 - (a) our obligations under this Limited Warranty are limited to the repair, replacement or refund of covered parts that prove defective under normal use during the Limited Warranty and does not extend to any claim for damages that you or any other person may have for any loss (including without limitation consequential damages or loss of profit, freight/shipping or travel costs), or damage howsoever caused whether or not such loss or damage arises as a result of any defect in the product or from the failure or omission on our part to comply with any obligation at law;
 - (b) in replacing a defective product under the Limited Warranty, we may, at its discretion, substitute a model of equivalent nature where the exact model is unavailable;
 - (c) this Limited Warranty does not apply to damage caused by failure and damage caused by improper use and abuse, fair wear and tear, accidents, misuse (including failure to follow instructions regarding care and maintenance of the product), neglect, disassembly, alterations or external causes such as, but not limited to, water damage, exposure to sharp objects, exposure to excessive force, anomalies in the electrical current supplied to the product (if applicable), and extreme thermal or environmental conditions;
 - (d) we may elect, at our discretion and as an alternative to repairing or replacing a defective part to refund the cost of the relevant product upon it being returned to us; and
 - (e) this Limited Warranty does not extend to any products acquired for the purposes of re-supply, or for use in a manufacturing, or repair processes.
4. This warranty may be claimed by:
 - returning the product to its place of purchase, with a detailed proof-of-purchase clearly showing the date and detail of the purchase;
5. If you have any questions concerning this warranty policy, you may contact us in writing:
 Adventure Operations, 71 Charles Ulm Place, Eagle Farm, 4009 QLD, or by email: info@adventureoperations.com
 or visit our website: www.companionoutdoor.com.au

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