

COMPANION[®]

TRUSTED SINCE 1941

AQUAHEAT RV

DIGITAL SHOWER SYSTEM



**WARNING
OUTDOOR
USE ONLY**

OWNERS MANUAL

Part No. 10000266



SAI Global
Cert. SAI-400097
AS 2658-2008

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.

GENERAL WARNINGS

- This appliance shall only be used with a refillable propane gas cylinder certified to AS2469 standards.
- IT MAY BE HAZARDOUS TO ATTEMPT TO FIT OTHER TYPES OF GAS CONTAINERS.
- 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.
- 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 valve is 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, return to your place of purchase for service and repair.
- If there is a leak on your appliance (smell of gas), immediately attempt to turn off the cylinder valve. 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.
- Only use the hose assembly as supplied with this appliance for connection to the cylinder - DO NOT USE ADAPTORS.
- Maximum hose length: 150cm.

DANGER!

- 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.
- Handle with care even after brief use, always pick up using the handle, not the cylinder.
- It may be hazardous to attempt to fit other types of gas containers or cartridges.
- Use only in well ventilated areas.
- Always operate appliance a minimum of 1000mm from flammable materials, walls and 1000mm 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.



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.
- The appliance should be protected from direct drafts and in a well ventilated place.
- 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 Companion Gas Leak Detection Spray or 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.

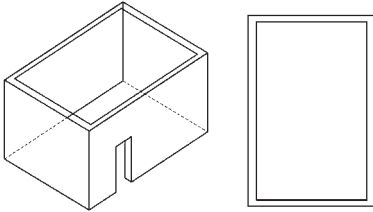


CHANGING GAS CYLINDER

- 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 motion 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.

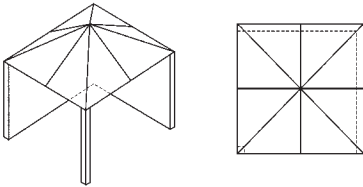
SAFETY INSTRUCTIONS

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

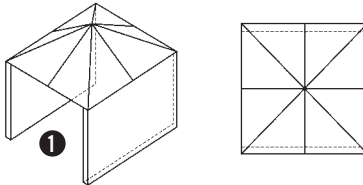


Any enclosure in which the appliance is used shall comply with one of the following:

- (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.

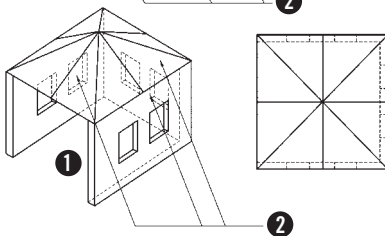
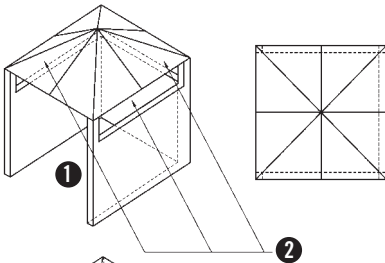


- (C) Within a partial enclosure that includes an overhead cover and more than two walls, the following shall apply:

(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 shall remain open and unrestricted.





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.**

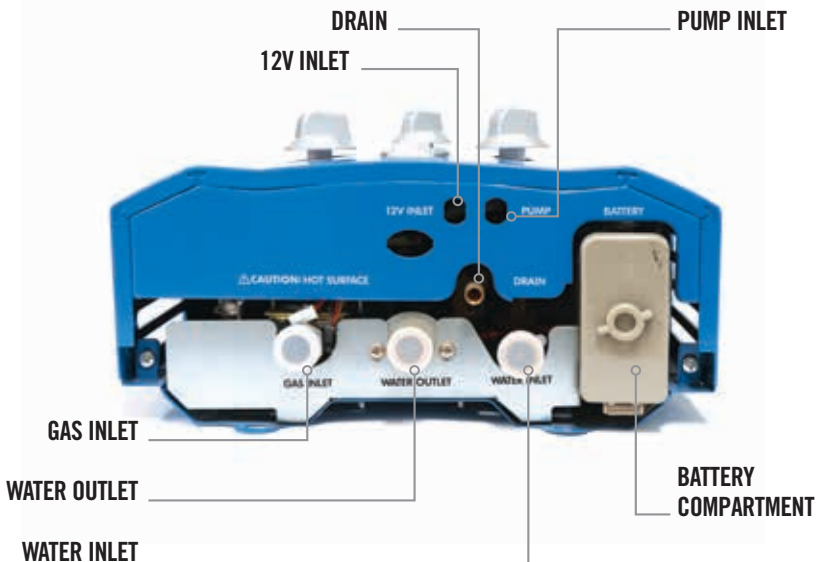
IMPORTANT – This appliance is designed to be used with a source water temperature of 20°C or below, if the temperature of the outlet water exceeds 45-50°C the burners will shut off and will only relight once the outlet water temperature falls below 45°C.

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 FEATURES

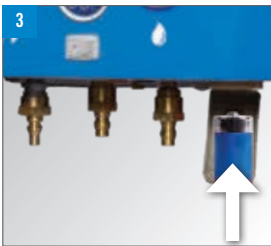
This appliance is equipped with the following safety features:

- Over Temperature Sensor – the appliance will not allow the burner to remain in operation once the outlet water temperature 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, ie. the Flow Switch is in the “OFF” position, the burner will be extinguished and will not relight until the water flow recommences.



APPLIANCE INCLUDES





SETTING UP

The COMP827 is designed to be positioned in a vertical position and is to be partly sheltered from the rain and the potential to be sprayed by the shower head whilst in operation. This appliance is not designed to be used as a permanent shower or supply of hot water.

- Step 1.** Remove the shower from the box and check that all accessories are included.
- Step 2.** Attach the 1 x gas and 2 x water adaptors to the inlet connections on the base of the shower, ensuring that each adaptor is fitted with the black rubber "O" rings and tighten 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).
- Step 3.** Insert 2 x D batteries (not included) in the battery compartment and secure the door.
- Step 4.** Hang the unit using the carry handle or temporarily mount to an outdoor stand like the COMP828 Companion RV Shower Stand (*sold seperately)
- Step 5.** Once the shower is securely mounted attach the quick connect fittings for the shower & pump to the marked adaptors on the base of the appliance.
- Step 6.** Connect the power cables for the pump & 12V DC power supply to the appliance and then connect to a suitable DC power source.
- Step 7.** Attach the quick connect fitting for the LP Gas hose & regulator to the inlet adaptor & then connect to the POL propane gas cylinder & tighten.
- Step 8.** Turn the gas cylinder on in an anti-clockwise direction one (1) full turn, then check connections for leaks with Companion Gas Leak Detector or 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.



Note: The Gas Cylinder must not be located under the appliance, it must be moved to the side and as far from the appliance as the gas hose will allow



The temperature of the water can be increased or decreased by adjusting either the gas & water flow controls to achieve the desired water temperature.

When being used in colder climates or the inlet water temperature is below +10 degrees select the “Winter” mode to increase the burner performance.



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 continue to operate.

To reignite the burner, slide the flow switch to the “ON” position and water will flow from the shower head and the burner will reignite within 5 to 10 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 and not too hot.



Once the user has finished with the appliance, slide the flow switch to the “OFF” position and turn the power switch to “OFF”.

OPERATION

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



- Step 1.** Turn MODE control to **SUMMER**
- Step 2.** Turn GAS control to **LOW**
- Step 3.** Set WATER FLOW to **HIGH**
- Step 4.** Press SHOWER HEAD flow control switch to **ON** and set SPRAY PATTERN to the **OUTSIDE RING**
- Step 5.** Press POWER SWITCH **ON**
- Step 6.** Water will start to flow from the shower head and the burner will ignite – Allow the water temperature to stabilize before making any adjustments





ADJUSTING WATER TEMPERATURE

Step 1. To increase water temperature turn GAS control to **MEDIUM / HIGH** & allow temperature to stabilise

Step 2. Adjust the water flow to achieve the desired water temperature

If ideal temperature is not achieved in **SUMMER MODE** the following steps can be followed with the appliance operating:



Step 1. Turn GAS control to **LOW**

Step 2. Set WATER FLOW to **HIGH**

Step 3. Turn MODE control to **WINTER**

Step 4. To increase water temperature turn GAS control to **MEDIUM / HIGH** & allow temperature to stabilise

NOTE: If LED display shows **E3** - turn **OFF POWER SWITCH** and repeat START SETTINGS



NOTE: If LED display shows – E3 this is caused by the outlet water temperature exceeding the 45-50°C cut-out setting, reasons for this may include:

- Start-up procedure not followed correctly – check settings and restart
- Inlet water temperature above 20°C & incorrect appliance settings – check settings and restart
- Outlet water temperature was not allowed to stabilise – check settings and allow outlet water to stabilise before adjusting the gas or water flow rate





PACKING THE APPLIANCE

- Step 1.** Disconnect the power and gas supply to the appliance.
- Step 2.** Disconnect the pump and shower head checking the flow switch is in the “ON” position, hold the hoses vertically until all the water has been drained.
- Step 3.** Unscrew the drain plug from the base of the appliance to allow the water remaining in the exchanger to drain out.
- Step 4.** Once all appliance components and accessories are dry, they can be stored away.

IMPORTANT – Ensure that the appliance has been allowed to cool for a minimum of 30 minutes before draining the exchanger as the internal water will still be HOT.

TECHNICAL DETAILS

SPECIFICATIONS	
Part No.	10000266
Water flow	2 to 3L (average) per minute
Inlet voltage	12V DC - 5A
Dimensions	290L x 153W x 550Hmm (Excluding handle)
Injector size	0.60mm x 6
Gas consumption	20.53 MJ/hr
Weight	6.53 kg

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.

MAINTENANCE AND 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 further information or assistance please contact customer service on 1300 555 197 or email service@companionbrands.com.au

TROUBLE SHOOTING GUIDE

The guide should be followed in case of failure of the appliance to operate correctly. If symptoms persist contact Customer Service on **1300 555 197** or enquiries@companionbrands.com.au, www.companionbrands.com.au

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 pump fuse is not blown
	Check that adequate DC power is available
	Check DC fuse in cigarette lighter fitting
	Check that the shower flow switch is in the ON position
Unit will not switch on - display will not illuminate	Check DC fuse in cigarette lighter fitting
	Check that adequate AC/DC power is available
	Check D batteries
Burner will not light	Check that gas cylinder is turned on and that there is gas in cylinder
	Check that the water is flowing from shower head
	Check that the water is not over temperature
Water is not hot enough	Check operating instructions
Water is too hot	Check operating instructions



DO NOT ATTEMPT TO REPAIR OR MODIFY THE APPLIANCE

ERROR CODES

The appliance is fitted with operational & safety features that can be identified by the error code E3 in the event that the unit will not operate:

E3: No flame / burner not lit

E3: Over temp shut off - water temp exceeds 48°C

WARRANTY - For details see www.companionleisure.com.au/warranty

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