OWNERS MANUAL

AQUACUBE LOGIC Li
RECHARGEABLE CAMP SHOWER

Part No. COMP830LI

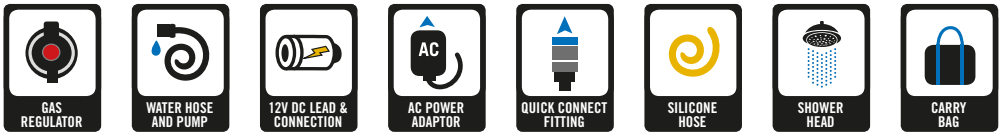
SAI Global
Cert. SAI - 400135
AS 2658 - 2008

AUSTRALIA'S ORIGINAL OUTDOOR BRAND

INTRODUCTION

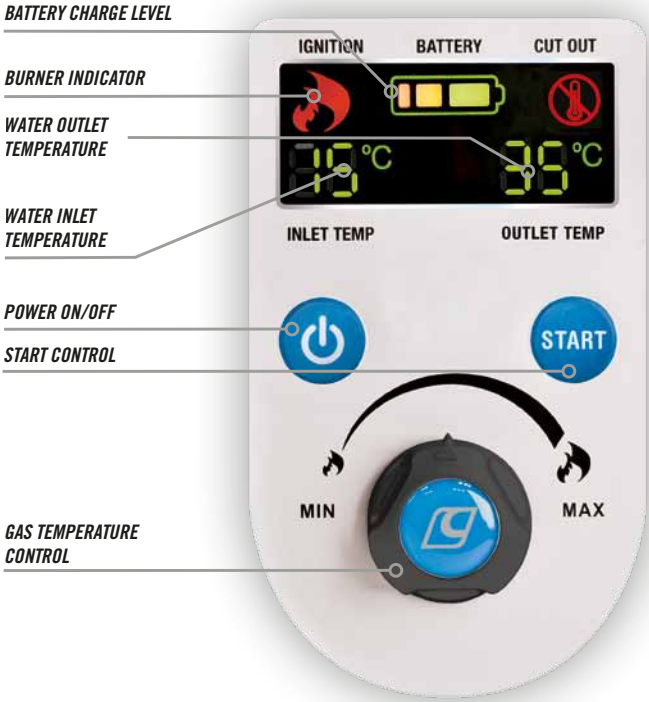
IMPORTANT: Read these instructions carefully and understand the operation and safety features of this appliance. Familiarise yourself with the appliance before connecting it to the gas cartridge. Keep these instructions safe for future reference.

YOUR AQUACUBE® INCLUDES



UNDERSTANDING YOUR AQUACUBE®

UNDERSTANDING YOUR AQUACUBE® DIGITAL CONTROL PANEL



CAUTION

DO NOT: Operate this appliance before reading the 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

IMPORTANT

- This appliance is designed to be used with a source water temperature of 20°C or below
- The maximum temperature lift from the appliance is 30°C from the source water temperature
- For safety the appliance is designed to shut off the burner when the water temperature exceeds 50°C +/- 2° (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.

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.

GENERAL WARNINGS

- This appliance shall only be used with the regulator supplied with the appliance and must only be connected to non-refillable 468g disposable Propane Cartridges certified to DOT-39, UN1075.
- 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, return to your place of purchase for service and repair.

DANGER!

- 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 handles.
- 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 products of combustion are rapidly dispersed by wind and natural convection.
- 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.

CARBON MONOXIDE HAZARD

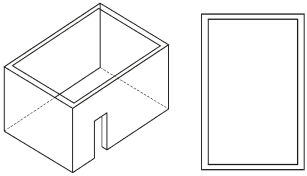
- Using this appliance in an enclosed space may cause **DEATH**. Do not use in caravans, tents, marine craft, cars, mobile homes or similar locations.
- OUTDOOR USE ONLY – The appliance must be used outdoors only and is to be operated no closer than 800mm from the sides and 800mm from above all combustible surfaces, fabrics and flammable materials. Must only be used on solid and 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.
- 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.
- Do not attempt to move or relocate the appliance when it is operating. Extinguish the burner and allow to cool, disengage the gas cartridge then move the appliance.

CHECKING FOR GAS LEAKS

- Check that all connections are tight and that the gas connection has been tightened 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.
- Inspect the appliance regularly for signs of wear, leaks or incorrect operation. If symptoms such as flaring of the burners, issues with lighting, damages connections or leaks from seals or gas controls are identified do not attempt to repair, contact Customer Service on 1300 555 197.
- 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.

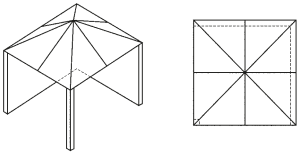
SAFETY INSTRUCTIONS

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.

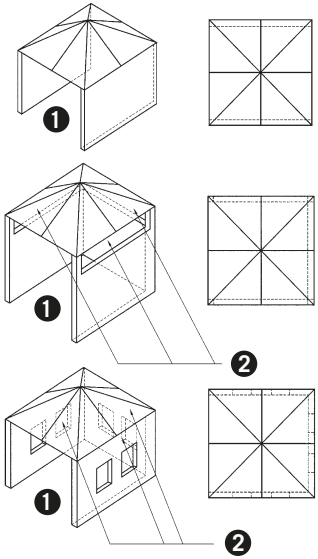


Any enclosure in which the appliance is used shall comply with one of the following:

(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.

Air Inlet

Important

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

IMPORTANT – This appliance is designed to be used with a source water temperature of 20ºC or below, if the temperature of the outlet water exceeds 50ºC +/- 2º the burners will shut off and will only relight once the outlet water temperature falls below 45ºC.

This appliance is designed to raise the outlet water temperature by a maximum (average) of 25ºC to 30ºC above the source water temperature and can be adjusted by the 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 50º +/- 2º, the burner will automatically relight once the outlet temperature falls below 45º.
- **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 or non-solid 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 (5mm x 20mm)

Setting Up

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

Step 2. Screw the gas regulator (clockwise direction) onto the gas inlet at the top RHS at rear of the appliance and tighten securely. Note: Prior to connecting the gas regulator, check to ensure the black rubber seal has been fitted onto the gas inlet pipe.

Step 3. Screw the gas cartridge (clockwise direction) onto the gas regulator and tighten securely. Check for leaks with soapy water – Do not use a flame. If a leak is detected remove the gas cartridge and retighten all connections, then retest.

Step 4. Connect pump power lead to PUMP CONNECTION socket (BLACK) at rear of the appliance.

Step 5. Attach the pump hose to the water inlet at the rear of the appliance – push on firmly.

Step 6. 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 7. Connect the shower hose to the water outlet on the front panel – push on firmly.

Step 8. 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 see if sufficient power is available, if not connect to the AC or DC adaptor. Refer to page 10 for 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 to the “OFF” position, the burner will extinguish and the pump will continue to operate.

Step 7. To turn the appliance off, press the Power Button.

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 depress the “START” button to stop the flow of water to the appliance.

Storing the Appliance

Step 1. Press the Power Button to ensure the appliance is switched off.

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

Step 3. Unscrew the regulator assembly from the appliance and remove the gas cartridge.

Step 4. Tip the appliance towards the back and to one side to drain excess water from the heat exchanger via the water inlet.

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Appliance Power and Charging

The charging system is designed so it will allow the battery to be recharged whilst the unit is in operation. The recharge times will increase by 50% if the unit is operating whilst it is being charged.

Step 1. The appliance is fitted with a 12V 3.2A/hr battery pack and can be recharged from either the AC or DC adaptors supplied.

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 and the Battery Charge Level will start to flash and move from 'Red to Green' confirming that the battery is now charging. Note: When the battery is fully charged, the Red, Yellow and Green battery levels will stop flashing.

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

Step 5. DC: Connect the adaptor to the appliance and then connect to a suitable outlet via the cigarette lighter fitting.

DO NOT USE – AC to DC converters or modify the adaptors supplied with the appliance.

IMPORTANT – 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.

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

To maintain battery life and condition it is recommended that the unit is allowed to be charged to 100%

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.

SPECIFICATIONS	
Part No:	COMP830Li
Water flow:	2 litres per minute (Average)
Inlet voltage:	12V DC - 5A
Size:	422 x 262 x 434mm
Weight:	7.9 Kgs
Injector size:	0.66mm x 4
Consumption:	20.68Mj/hr/412g/hr

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**.

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 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 if battery requires re-charging
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 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 Trouble Shooting 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 Temp Shut Off

E7: Outlet Water Temp Exceed 50ºC +/- 2º

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

Appliance cutting out due to water temperature too hot:

If **E6** Over Temperature Cut Off or **E7** Outlet Water Temperature Exceed 50ºC +/- 2º appear on the Digital Control Panel and the gas control is set to MIN.

1. Check if there is a water restrictor plug fitted inside shower head handle. The water restrictor plug has been added to allow the water flow to slow and provide an increase in the outlet water temperature. This feature may not be required in hotter conditions.

2. The plug can easily be removed by unscrewing the hose from the shower head and pulling out the restrictor plug. Reconnect the hose to the shower head and check the outlet temperature.

Note: Retain the plug and refit in cooler conditions.

Notes

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