

COMPANION[®]

TRUSTED SINCE 1941

AEROHEAT LITHIUM

TENT HEATER



OWNERS MANUAL

Part No. 10000053

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

This appliance is intended for the supply of heated air for the purpose of heating only. Check and confirm safe air temperature before using this appliance. Air from this appliance may be very hot.

IMPORTANT

This appliance is designed to be used with an ambient air temperature of 15°C or below.

The maximum outlet temperature from the appliance is 60°C.

For safety the appliance is designed to shut off the burner when the outlet air temperature exceeds 60°C +/- 2°C (average).

The average run time for the appliance from a fully charged battery is 3.5-4.5 hours 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.

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.

DO NOT USE AN ADAPTOR AT THE CYLINDER CONNECTION

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 or contact Customer Service 1300 362 921.

Ensure any transit protection is removed before the appliance is used.

When using Refillable Gas Cylinder:

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.

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.

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. INDOOR USE MAY CAUSE DEATH!

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

**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.

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 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 must be used outdoors only and is to be operated no closer than 800 mm from the sides and 800 mm 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. The appliance must be protected from rain & wind

If you smell gas immediately turn the gas off 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 or gas hose then move the appliance.

Maximum Hose Length: 1500mm

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.

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 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 the seals are in place & gas hose is tight before checking for leaks (if using gas hose to cylinder).

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.

IMPORTANT

This appliance is designed to be used with an ambient air temperature of 15°C or below, if the temperature of the outlet air exceeds 60°C +/- 2°C the burners will shut off and will only relight once the unit temp drops below 60 degrees & the unit is manually re-lit.

This appliance is designed to raise the outlet air temperature by a maximum (average) of 25°C to 30°C above the ambient air temperature and can be adjusted by the fan speed. During operation ensure that all air inlets and exhausts are kept free from obstructions, closure and blockage.

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 air temperature reaches 60°C +/- 2°C.

Outlet Hose Adaptor Microswitch

The outlet hose adaptor & hose must be attached to the heater correctly to activate the safety microswitch.

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.

O₂ Sensor info

The Oxygen depletion sensor is fitted to prevent the use of the product in an indoor environment - the sensor will turn the unit off if it senses a low oxygen level.

Fuse protection

Fuses are located in the cigarette lighter fitting of the DC lead & power inlet socket of the appliance.

Replacement fuse

5A 250V (5 mm x 20 mm)

SAFE LOCATIONS

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:

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)

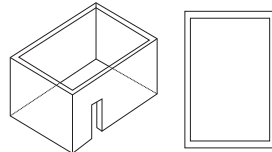
Within a partial enclosure that includes an overhead cover and more than two walls, the following shall apply:

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).

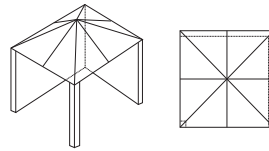
In the case of balconies, 20% or more of the total wall area shall remain open and unrestricted.

DIAGRAMMATIC REPRESENTATION OF OUTDOOR AREAS

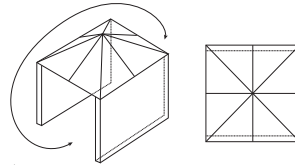
The following examples are diagrammatic representations of outdoor areas. Rectangular areas have been used in these examples - the same principles apply to any other shaped area.



Example 1

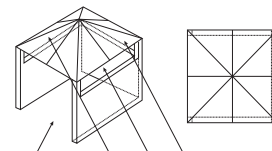


Example 2



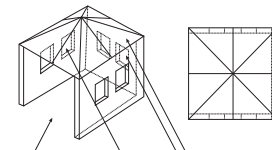
Both ends open

Example 3



Example 4

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



Example 5

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 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 2a. Screw the gas cartridge (clockwise direction) onto the gas regulator and tighten securely. Check for leaks with soapy water.



Step 2b. Screw the gas hose (clockwise direction) onto the gas regulator securely. Check for leaks with soapy water.



DO NOT USE AN ADAPTOR AT THE CYLINDER CONNECTION

Step 3. Connect the air outlet fitting & air outlet hose to the front of the unit ensuring it locks into place properly

- There are 3 retaining notches that can only line up one way

- Line them up and rotate about 10mm to locate



OPERATING THE HEATER

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 11 for Appliance Power and Charging.

Step 3. Setup the appliance in a suitable outdoor location & press the POWER button to turn unit on.

Step 4. Press the FAN button once to turn the fan on. Press the FAN button a second time to get the heater to ignite.



Step 5. Adjust the fan speed by pressing the + or - buttons on the display

NOTE - Increased fan speed will move the air further but slightly decrease the air temp exiting the heater outlet

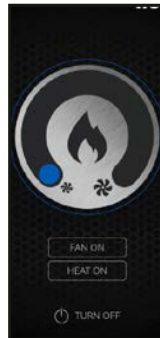


Step 6. To turn the heating off but leave the fan on press the FAN button once. To completely turn the unit off press the POWER button once.

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.

OPERATING THE HEATER VIA BLUETOOTH APP



Step 1. Download the Aeroheat Bluetooth APP via APPSTORE or GOOGLE PLAYSTORE

Step 2. Turn unit power on & ensure you are within bluetooth operating range

Step 3. Pair device via smart device & ensure connection is made

Step 4. Open the previously downloaded AEROHEAT APP

Step 5. Start using the AEROHEAT via the APP

NOTE - The AEROHEAT can only be connected to one device at a time

The APP will only connect when the tentheater is powered on already

The APP can only adjust the fan speed & turn the unit off - it cannot turn it back on that must be done manually

The APP cannot be used to override any errors - they must be investigated at the main unit

Main Interface



This is the only UI of this app. It shows the Bluetooth connection status, battery status, fan status and heating status.

The picture shows when the app loads and automatically searches for the device for connectivity

Automatic Connection

It takes seconds to finish the automatic connection to the heater.

The first-time connection is automatic pairing to the closest device. The device can be changed

Change Device

If the connected device is not your heater, please press the Bluetooth icon to search the available device nearby.

It will pop out the list of device that can be connected.

Connected



This is the screen connected, with no operation.

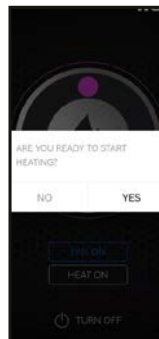
Fan Control



Hit the FAN ON button to turn on the fan, and drag the colored dot to adjust the fan speed.

Hit the FAN ON button again to turn off the fan, the fan cannot be deactivated when HEAT ON is activated.

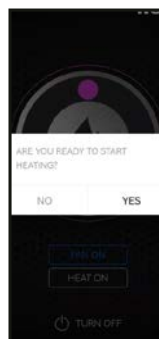
Heating Confirm



When hitting the HEAT ON button, it will pop out confirmation box to check if it is false operation.

HEAT ON BUTTON can only be activated when FAN ON is activated

Heating Control



This is the heating screen. When the HEAT ON button is activated, the flame icon turns red. Deactivate the HEAT ON, the fan will still be working.

Turn Off

Touch the TURN OFF button, it pops out the confirmation box to double check whether it is false operation.

When the heater is turned off from heating, the fan will work for another 90 seconds for cooling down the system.

STORING THE APPLIANCE

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



Step 2. Disconnect outlet hose & fitting and store in a safe place.

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



Step 5. Store unit in a safe dry place.

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 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 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, orange and green battery levels will stop flashing and remain illuminated.



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)



Step 5. 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.

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.	10000053
Model no.	Aeroheat Tentheater
Ignition	Automatic
Inlet voltage	12V DC - 5A
Gas type	Propane 468g BOM cartridge (not included)
Gas consumption	2.2 Mj/h / 43.7 g/h
Injector size	0.4 mm
Max. temperature	60°C
DC power cord length	2 m
Outlet hose length	1 m (Fully Extended)
Dimensions	442L x 163W x 380H mm
Weight	8kg (including accessories)
Certification	AGA 8863 G



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

Unit will not operate	Check that appliance is switched on
	Check the outlet hose & fitting are correctly connected to the appliance
	Check that fuse is not blown
	Check that adequate DC power is available
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 recharging
Burner will not light	Check that gas cylinder is turned on and that there is gas in cylinder
	Check that outlet hose & fitting are correctly connected
	Check there are no error messages on the display
Air is too hot	Turn fan speed down
	Check there is sufficient gas
Air is too hot	Turn fan up to MAX
	Turn burner off & only operate fan

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: Outlet hose fitting not connected or not connected correctly

E2: Tilt switch activated – place on level surface and re-start appliance

E3: No flame / burner not lit – Check gas cylinder & connections

E6: Over temperature shut off – Once activated this will take at least 5 minutes to cool down - the only way to restart is to wait 5 minutes & turn off/on then attempt restart

Appliance cutting out due to air temperature too hot:

If E6 Over temperature shut off.

1. Allow heater to cool down for approximately 5 minutes to clear over temp error

Try using heater again - If overtemp error appears again it may be too warm to use the heater, the unit is only suitable for use in ambient temperatures under 15°C

STORAGE AND MAINTENANCE

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 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 CBService@adventureoperations.com for further information.

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: service@adventureoperations.com or visit our website: www.adventureoperations.com

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