

# A Guide to Sequal Eclipse Transportable Oxygen Machines



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# Transportable Oxygen Machines

Each transportable oxygen machine features a rechargeable battery pack which allows it to be used outside of the home for several hours (exact duration is dependant on flow setting).

The flow rate on this type of machine may vary from what is required using a standard oxygen machine or cylinder. Only use the flow rate requested by your Healthcare Professional.

Please note: Your Eclipse remains the property of Baywater Healthcare and is on loan to the NHS.

(open 24 hours, 7 days a week for urgent calls)

# Getting to Know the Parts of Your Eclipse



- A** Oxygen outlet
- B** Handle grip
- C** Control panel
- D** Plug hole
- E** Service port
- F** Air inlet filter
- G** Battery pack
- H** Exhaust vent

## Caution

Ensure the Eclipse is kept upright at all times.

# Typical New Battery Pack Operation Time

The following table shows the typical time a new battery pack will last using the various flow settings.

| Flow rate setting | Continuous flow mode (lpm) | Pulse flow mode (setting) |
|-------------------|----------------------------|---------------------------|
| 0.5               | 4.4 hours                  | n/a                       |
| 1                 | 3.7 hours                  | 5.4 hours                 |
| 2                 | 2.0 hours                  | 5.1 hours                 |
| 3                 | 1.3 hours                  | 4.9 hours                 |
| 4                 | n/a                        | 4.0 hours                 |
| 5                 | n/a                        | 3.7 hours                 |
| 6                 | n/a                        | 3.5 hours                 |

## Caution

Keep your battery pack dry at all times. If it becomes exposed to liquid stop using it immediately and contact us.

Wet battery packs can present safety hazards including fire and electric shock.

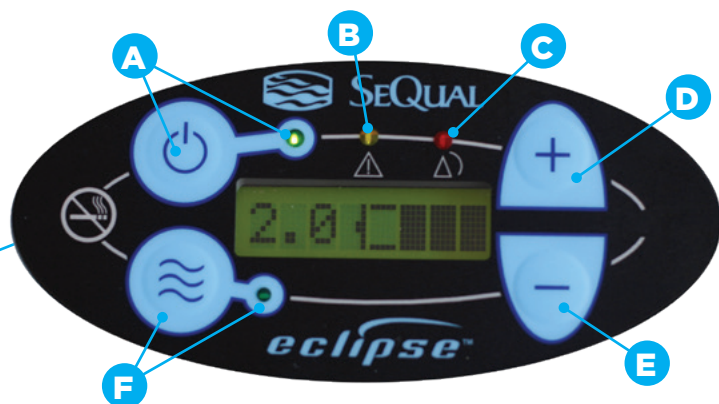
# User Controls and System Status Indicators

## On/Off button (green) indicator

This button powers the device on or off. The green indicator is lit when the device is powered on.

## Increase or decrease flow setting button

Use these buttons to set the flow setting.



- A** On/Off button and (green) indicator
- B** Alert (yellow) indicator
- C** Alarm (red) indicator
- D** Increase flow setting button
- E** Decrease flow setting button
- F** Flow mode button and indicator

# Before Use

Always check that the battery pack is installed correctly, the air inlet and the exhaust vent of the device are not blocked and that the air inlet filter is clean before using the machine.

## Turning on your Eclipse

The Eclipse can be used at home or moved using the trolley.

You can use your Eclipse with a variety of power sources:

1. AC power supply (mains supply)
2. DC power supply (car accessory outlet)
3. Rechargeable battery pack

The Eclipse charges the battery when plugged into mains supply (AC).

## AC power supply (mains supply)

When the Eclipse is plugged into electricity the green indicator light will illuminate and external power indicator will show on the display screen.

If you need to silence the 'loss of power' alarm, press and hold the On/Off button for 5 seconds. Connecting the Eclipse to an external AC power supply will also stop the alarm.



## DC power supply (car accessory outlet)

A DC power supply allows the system to work in a vehicle. Establish if the fuse rating in your motor vehicle is 15amp or 20amp. Once confirmed, set the switch on the DC power supply to the appropriate fuse rate setting.

Start your vehicle, insert the DC cord into the plug hole on the side of the Eclipse. Next, insert the DC power supply plug into the DC power outlet in your motor vehicle. When the Eclipse is properly connected and receiving power from the DC power source, a green indicator light on the power supply and the 'external power is present' indicator on the control panel will illuminate.

## Typical battery pack recharge time

The typical time to recharge an empty battery fully is between 1.4 hours and 5 hours, depending upon the device flow setting.

## Caution

Never use any power cord if it is damaged or frayed. Improper use may result in a fire or electrical shock hazard.

Do not connect the Eclipse to an extension cord. Always unplug the AC power cord from the wall before disconnecting the plug from the Eclipse.

Do not plug the Sequel Eclipse into faulty wall sockets and wherever possible unplug it when it is not in use.





# Transporting Your Eclipse

Follow this advice when transporting your Eclipse:

- Secure the Eclipse and the DC power supply in your vehicle and be sure there is adequate air flow to the Eclipse and that the air inlet and exhaust vents are not blocked. Blocking of the air inlet or exhaust vent may prevent the Eclipse from working. Ensure the Eclipse is secured safely behind the front seats or on the back seat with a secure fastening.
- Do not leave the Eclipse or DC power supply plugged into the vehicle without the engine running or attempt to start the vehicle while the DC power supply is connected to the vehicle. Doing so will drain the vehicle's battery.
- Do not leave the Eclipse, or battery pack, in the seating area or boot of your motor vehicle during a hot or very cold day.
- Do not leave equipment on show when your vehicle is unattended.

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# Operating Your Eclipse

## Location of your Eclipse

Place the Eclipse device in a room with good air flow, making sure the air inlet and exhaust vent are not obstructed.



### Turning your device on

Press and hold the 'On/Off' button for five seconds.

A brief audible and visual test will occur. Check that all the indicators are illuminated and that a buzzer sounds for three seconds. This indicates the device is working properly.

Allow it to warm up for five minutes before using.

## Caution

When first turning the oxygen machine on, if three beeps are heard, please call us.

If machine lights do not show red, yellow then turn green after the machine has been running for more than 5 minutes, please call us.



### Adjusting the flow setting to the prescribed level

Using the +/- flow setting buttons, adjust the flow setting to the prescribed setting ordered by your Healthcare Professional.

## How to use the trolley

Press the push-button on the mobile cart handle to adjust the height of the handle.



## Turning the device off

Press and hold the 'On/Off' button for two seconds to turn off the Eclipse.



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# Be Safe

- Keep the Eclipse and the power cord away from hot surfaces or flames.
- Do not use if power cord or plug have been damaged.
- Only use this device with accessories we supply.
- Protect the Eclipse and the power supplies from all fluid spills or drips to avoid possible shock hazards.
- If the Eclipse has been dropped, damaged or exposed to water, please contact us.
- Do not insert objects into any openings on the device.
- Do not block the air inlet or the exhaust vent of the Eclipse when it is on a soft surface, such as carpet etc.
- Do not cover the device with a blanket or towel etc.
- When using the Eclipse in any vehicle, be sure it is properly secured.
- Do not damage the battery pack. Contents may be poisonous if swallowed and can be harmful to skin and eyes. Keep the pack away from children.
- Exposing the battery pack to water or other liquids may cause injury.
- Do not drop the battery pack.

# Troubleshooting



## What to do if there is no oxygen flow

No oxygen flow indicates that the device may be turned off, try pressing the power button to turn on and check battery charge. Check nasal prongs are connected correctly, if none of these checks work, please call us on **0800 373580**.



## What to do if the Eclipse oxygen machine does not turn on

If the transportable oxygen machine does not turn on when the On button is pressed, the battery may not have enough charge to turn the device on. Plug the device into electricity mains to charge. If this does not work, please call us on **0800 373580**.



## What to do if the alarm sounds

When using an Eclipse in pulse dose mode if no breath is detected for 60 seconds the machine will alarm until normal breathing resumes.

If no hissing can be heard when taking a breath while in pulse dose mode you may require a clinical review. Please contact your Healthcare Professional.

# Notes

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## Notes

[illegible]

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