A Guide to CHAD Sequoia Oxygen Conservers

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Contents

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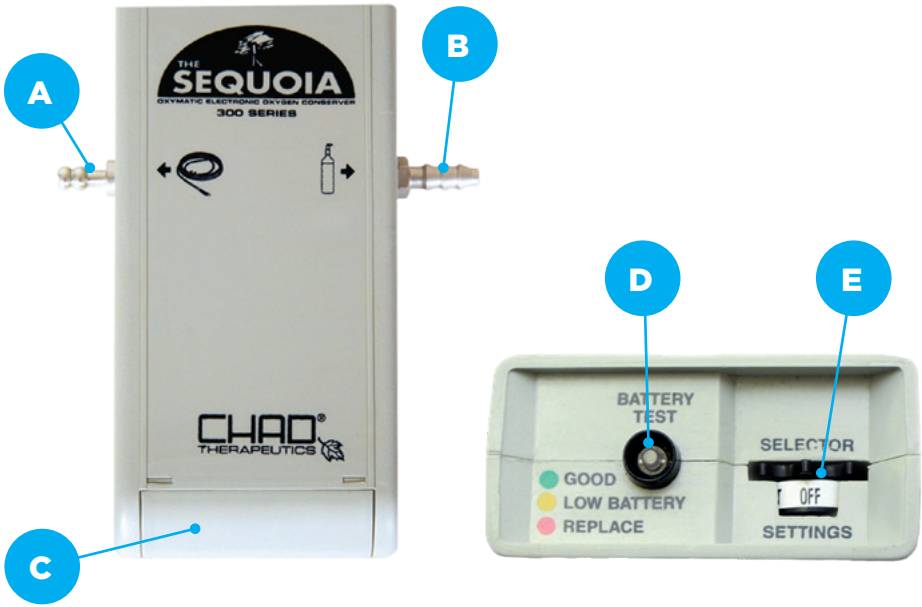
Getting to Know the Parts of your Oxygen Conserver



A Nasal prong connection
B Cylinder connection
C Battery cover
D Battery level light
E Selector dial

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

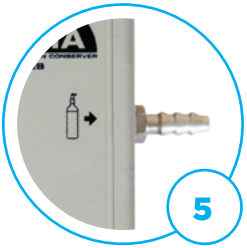
How to Connect a Conserver

Put the cylinder into the bag provided

Put the conserver into the bag's pocket, ensure the Velcro straps are secure

Connect the coiled tubing to the outlet connector on the cylinder

Secure the connection with the tube clamp



Connect the end of the coiled tube to the cylinder connection on the conserver

Connect the nasal prongs tubing to the connection on the side of the conserver

Caution
Do not use whilst asleep.

You should only use a conserver when wearing nasal prongs. Conservers will not work with masks.

Setting Your Oxygen Supply

Put the nasal prongs on

Turn the cylinder's side valve to on/+, if present

Turn the oxygen cylinder onto a flow rate of 4 litres per minute (lpm)

Adjust the selector dial to your setting

Begin breathing through the nasal prongs

Caution

Remember that the cylinder must be set to a flow rate of 4 lpm and the conserver set to the setting ordered.

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Turning the Oxygen Supply Off

1. Slowly turn the On/Off valve on the cylinder clockwise to the Off position
2. Turn the selector dial to the Off position and take a few breaths to release any pressure in the tubing
3. Take the nasal prongs off

Caution
If the cylinder is being used without the conserver, always remember to set it back to the prescribed flow rate.

Checking Your Conserver's Battery Power

Move the selector dial at the top of the conserver to the 'BAT' position. The battery level light will show you how much power is left:

Green: battery full

Amber: battery level has gone down but no need to change

Red: battery low, you should have a spare handy

Flashing red: replace the battery immediately

Always carry a spare battery. If the battery indicator displays low, consider changing the battery before leaving home. The conserver will be provided with a battery, it is your responsibility to replace it.

Changing the Battery

The conserver needs one alkaline c-size battery.

To replace the battery:

1. Remove the battery cover
2. Safely discard the current battery
4. Insert the replacement battery, make sure it is the correct way around by matching the + and - symbols
5. Once you have replaced the battery, close the cover

Caution
Only use alkaline batteries with a conserver.

Please Note: Your oxygen conserver remains the property of Baywater Healthcare and is on loan to the NHS.

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Cylinder Durations Using a Conserver

Freedom® 400 cylinder duration

Setting	Approximate duration with conserver
1	21 hours 15mins
2	10 hours 30 mins
3	7 hours
4	5 hours 15 mins
5	4 hours 15 mins
6	3 hours 30 mins

Freedom® 300 cylinder durations

Setting	Approximate duration with conserver
1	15 hours
2	7 hours 30 mins
3	5 hours
4	3 hours 45 mins
5	3 hours
6	2 hours 30 mins

Cylinder durations using a conserver can change depending on the patient's breathing rate and activity.

Troubleshooting

Unit does not pulse

Possible cause	Solution
Dead battery	Replace the battery
Battery is the wrong way around	Check the battery has been put in the correct way around
Cylinder is off	Turn the cylinder on
Cylinder is empty	Check the cylinder and replace if needed
Nasal prongs are blocked or kinked	Remove kinks, clean or replace nasal prongs
Oxygen tube is blocked or kinked	Remove kinks, clean or replace nasal prongs
Nasal prongs or tubing not fitted correctly	Check the nasal prongs and oxygen tube are connected to the correct sides
Unit needs to be reset	Remove the battery, wait ten seconds then put it back in

Short battery life

Possible cause	Solution
Non-alkaline battery used	Replace with alkaline battery
Battery are faulty	Replace battery

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Notes

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