A Guide to Oxygen Conservers

baywater HEALTHCARE

NHS
Providing NHS services

Contents

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How to Connect a Conserver

Put the cylinder into the bag provided

Put the conserver into the pocket

Connect the flow reducer on 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

Conservers are not suitable for patients under seven years old.

Do not use whilst asleep. Do not shorten your tubing.

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

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

Setting Your Oxygen Supply

Put the nasal prongs on

Switch the conserver on by pressing the on/ off button once

Using the + − buttons, select the setting as directed by your Healthcare Professional and press OK to confirm

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

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

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 flow rate ordered

Turning the Oxygen Supply Off

1. Slowly turn the On/Off valve on the cylinder clockwise to the Off position
2. Continue to breathe through the nasal prongs until you feel no more oxygen coming through (this releases the pressure in the tubing)
3. Take the nasal prongs off
4. Turn the conserver 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

Press the on/off button and check the battery indicator displayed.

The conserver battery should last over four weeks. Always check the battery's power level before using your conserver.

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

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Changing the Batteries

The conserver needs two AA batteries.

To replace the battery:

1. Make sure the device is switched off
2. Remove the battery cover
3. Safely discard the current batteries
4. Insert replacements as directed by the diagram on the device
5. Once you have replaced the batteries, check its power level

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

Cylinder Durations Using a Conserver

Freedom® 400 cylinder duration

Flow rate (lpm)	Approximate duration with conserver
0.5	35 hours
1	21 hours
2	10 hours
3	7 hours
4	5 hours
5	4 hours 20 mins
6	3 hours
8	2 hours 20 mins

Freedom® 300 cylinder durations

Flow rate (lpm)	Approximate duration with conserver
0.5	24 hours
1	15 hours
1.5	8 hours 30 mins
2	7 hours
3	5 hours
4	3 hours
6	2 hours
8	1 hour 20 mins

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

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Troubleshooting

When breathing in using a conserver you should hear a hissing noise. If this noise cannot be heard, or no oxygen can be felt coming from the conserver:

- Check that the conserver is turned on to the correct flow setting and that the cylinder is turned to 4 lpm
- Check all tubing is connected correctly and the battery has power

If you still can't hear a hissing noise or feel that oxygen is not coming from the conserver, please remove the conserver and connect the nasal prongs directly to the cylinder. The cylinder should be set to the flow rate as directed by your Healthcare Professional. Please call Baywater Healthcare.

Alarms

Low battery - an intermittent alarm will sound, please change your batteries.

Low oxygen pressure - check cylinder contents to ensure that there is enough oxygen to use the conserver. If this does not resolve the alarm, check the blue curly tubing has no kinks.

Disconnection or apnea alarm - this indicates that the conserver is not detecting when you are taking a breath. Check your nasal prongs are not blocked or kinked. If this does not resolve the problem please remove the conserver, connect your nasal prongs directly to the cylinder and use at the flow instructed by your Healthcare Professional. Please call your Healthcare Professional for advice.

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