



Concentrator and high-capacity ZH Cylinder

BOC has invested in new concentrator technologies capable of delivering up to 5 l/min of therapeutic oxygen in the home. Each unit is known for its low power consumption, high performance, easy maintenance, and unmatched reliability.

BOC has also developed a high-capacity ZH cylinder, for use in case of power failure or malfunction of the concentrator.

They are also used for patients who require high flow rates for short periods of time. The cylinder size makes it easier to handle and to store, while the capacity means fewer changeovers are needed when administering oxygen.

A breath of fresh air...

- **Safety** – all concentrator installations are fitted with BOC's patented FireBreak technology
- **Reassurance** – The ZH cylinder can provide up to 20 hours of back up oxygen supply*
- **Support** – installation and training provided by a Vitalair Patient Service Representative
- **Simple to use** – connect your cannula and select the prescribed flow rate
- **Truly flexible** – can be used with a facemask or nasal cannula

*based on a flow rate of 2 l/min



We don't take breathing for granted.

Our Oxygen Concentrator Service...



The Vitalair Service covers every aspect of Long Term Oxygen Therapy, from advice to all the necessary practical help. We visit patient's homes to supply, install, maintain and remove the concentrator and back up cylinders. We can also install up to 4 outlets in different rooms so that the patient can move freely around their home.

Specifications

Concentrator

Dimensions:	69.9 cm high x 41.9 cm wide x 36.8 cm deep
Weight:	24.5 kg
Performance:*	1-3 l/min: 95.5%-92.0%; 4 l/min: 92% ±3%; 5 l/min: 90% ±3%
*Based on an atmospheric pressure of 14.7 psia (101 kPa) at 70°F (21°C).	
Range of flow rates:	1-5 l/min
Flow-rate graduations	0.5 l/min
Noise levels	50 Db
Alarms:	Power failure; high and low pressure; battery test; low oxygen concentration
Electrical consumption	350W
Machine service schedule	Every 6 months

ZH Cylinder

Length	590 mm
Diameter	175 mm
Weight (full)	13.9 kg
Cylinder pressure	300 bar
Outlet pressure	4 bar
Gas capacity	2400 litres
Flow rate	1-15 l/min
Duration of supply without a conserving device (at 2 l/min)	20 hours

Actual contents, dimensions and weights may vary from the figures indicated.

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