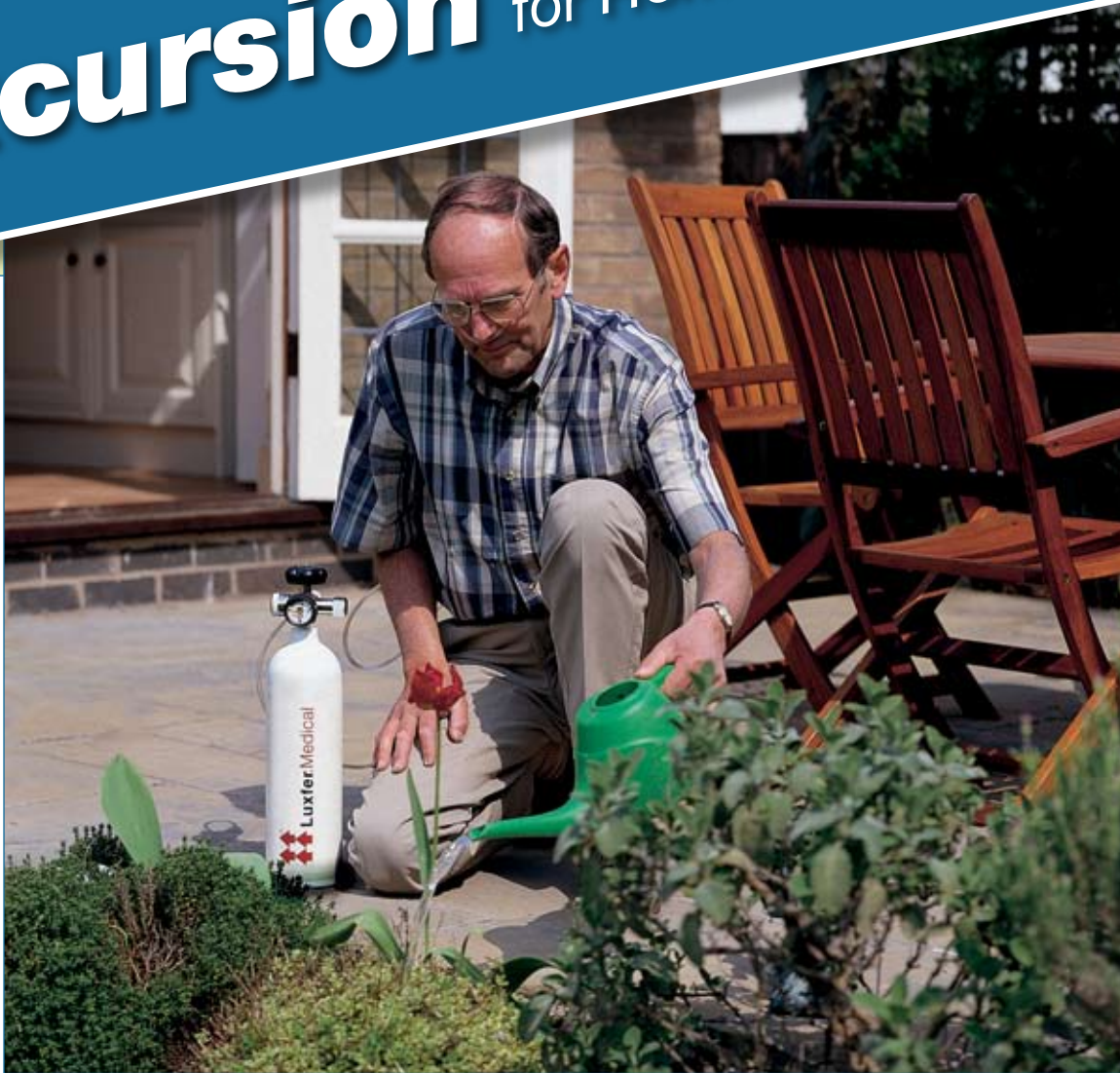


Excursion™ for Homecare



High-performance, hoop-wrap line of oxygen cylinders with patented L7X® aluminium alloy liners

Luxfer's **Excursion** product line features hoop-wrap cylinders manufactured with inner liners made from Luxfer's patented, higher-strength L7X® aluminium alloy, which provides significant weight savings for oxygen users, especially those who are ambulatory and active.

The L7X-alloy liners of **Excursion** cylinders are strengthened along the parallel cylinder sidewall with ultra-high-strength carbon fibre wrapping in an epoxy resin matrix. This added reinforcement results in a compact, lightweight cylinder and the option for greater gas capacity at higher pressures.

Luxfer's exclusive L7X alloy derives its strength, durability and superior mechanical characteristics not only from its unique formula, but also from a carefully designed heat-treatment procedure.

Excursion product line benefits

- Charging pressure up to 300 bar.
- At 200 bar, **Excursion** cylinders are up to 55% lighter in weight than conventional steel cylinders and up to 35% lighter in weight than conventional aluminium cylinders.
- At 300 bar, **Excursion** cylinders provide up to 50% more gas capacity, which means fewer cylinders are needed, and delivery costs are significantly reduced.
- Stronger threads reduce damage and wear from valving and devalving.
- Excellent corrosion resistance.
- Non-magnetic and completely compatible with MRI and other high-technology medical imaging systems.

Excursion[™] oxygen cylinder line made from Luxfer's patented L7X[®] alloy

Product Range - 200 bar

Water Capacity Litres	Oxygen Capacity Litres	Charging Pressure bar	Diameter mm	Length mm	Empty Weight kgs	Thread Size	Duration* ¹ (hrs:mins) 2 LPM	Duration* ² (hrs:mins) 3:1 Ratio
2	484	230	98	395	1.57	25E	4:01	12:05
3	640	200	114	410	2.3	17E / 25E / M18 / M25	5:19	15:59
5	1066	200	137	498	4.2	25E	8:53	26:39
15	3198	200	179	827	10.8	25E	26:39	79:57

Product Range - 300 bar

Water Capacity Litres	Oxygen Capacity Litres	Charging Pressure bar	Diameter mm	Length mm	Empty Weight kgs	Thread Size	Duration* ¹ (hrs:mins) 2 LPM	Duration* ² (hrs:mins) 3:1 Ratio
1	306	300	83	296	1.25	17E	2:32	7:38
2	612	300	100	390	2.04	25E	5:05	15:17
5	1529	300	142	478	5.2	25E	12:44	38:13
8	2447	300	174	530	8.7	25E	20:23	61:09
10	3058	300	139	925	8.7	25E	25:29	76:27

¹ 2 LPM continuous flow at a rate of 20 breaths per minute

² 3:1 conserving ratio at a rate of 20 breaths per minute

Luxfer Medical products include the world's most comprehensive range of oxygen cylinders from Luxfer Gas Cylinders, the world leader in high-pressure gas containment. Luxfer Medical cylinders are the lightweight alternative to conventional steel cylinders, combining dramatic weight savings with extended gas delivery and exceptional strength and durability. High-performance Luxfer Medical cylinders provide significant benefits not only for oxygen patients, but also for caregivers, respiratory therapists, nurses and emergency medical personnel. For those who regularly handle medical equipment, lightweight Luxfer Medical cylinders are much easier to move and transport, reducing the possibility of job-related injury and stress.



Luxfer Gas Cylinders

Luxfer Gas Cylinders Head Office • Colwick • Nottingham NG4 2BH • UK | Luxfer Gas Cylinders SAS • Rue de L'industrie - B.P. 7, 63360 • Gerzat, France
Tel: +44 (0) 115 980 3800 • Fax: +44 (0) 115 980 3899 | Tel: +33 (0) 4 73 23 64 00 • Fax: +33 (0) 4 73 23 64 01

www.luxfercylinders.com