

Portable Cylinders Equipment Guide.

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IMPORTANT: Please ensure you read all accompanying literature supplied prior to using your home oxygen equipment. In particular, pay attention to the section on not smoking or allowing others to smoke near your equipment.

Portable cylinders are suitable for you to carry using a carrying bag or wheeled using a trolley. Your Patient Service Representative (PSR) will discuss your needs and leave either a bag or a trolley when he/she delivers your portable cylinders. Portable cylinders have been designed to enable you to continue to benefit from oxygen therapy outside your home. It is important to discuss with your healthcare professional your normal daily activities to enable them to prescribe the right amount of oxygen for you to use outside your home.

Standard portable cylinders

These cylinders may be carried in a purpose made bag or wheeled on a trolley. It will last 7.5 hours on a flow of 1 LPM or up to 22.5 hours if used with a conserving device.

Lightweight cylinder

These are ideal for children, or frailer adult patients who find the standard portable cylinder a little too heavy to carry. This cylinder will last 5 hours on a flow rate of 1 LPM or up to 15 hours if used with a conserving device.* Please note that we are not able to connect low/micro flow regulators to these cylinders – however they do have the ability to provide some low flows. Your healthcare professional will be able to assess whether this is suitable for you.

* Please note that conserving devices are unsuitable for children under the age of 9 years – see Conserver Equipment Guide for more information on conserving devices.



Standard portable cylinder.



Lightweight cylinder.

Oxygen Cylinder Duration Chart

Nominal duration versus selected flowrate

Size	Flowrate* (lit/min)	Gauge contents*					
		Full (100%)		Half (50%)		Low (25%)	
		Duration (hours)	Duration (Mins)	Duration (hours)	Duration (Mins)	Duration (hours)	Duration (Mins)
CD	15	0 hr 30 min	30 min	0 hr 15 min	15 min	0 hr 7 min	7 min
Dimensions: L520mm X D100mm	12	0 hr 38 min	38 min	0 hr 19 min	19 min	0 hr 9 min	9 min
Weight (full): 3.5 kg	10	0 hr 46 min	46 min	0 hr 23 min	23 min	0 hr 11 min	11 min
(please note that the low flow rates are for when a secondary flowmeter is being used)	9	0 hr 51 min	51 min	0 hr 25 min	25 min	0 hr 12 min	12 min
	8	0 hr 57 min	57 min	0 hr 28 min	28 min	0 hr 14 min	14 min
	7	1 hr 5 min	65 min	0 hr 32 min	32 min	0 hr 16 min	16 min
	6	1 hr 16 min	76 min	0 hr 38 min	38 min	0 hr 19 min	19 min
	5	1 hr 32 min	92 min	0 hr 46 min	46 min	0 hr 23 min	23 min
	4	1 hr 55 min	115 min	0 hr 57 min	57 min	0 hr 28 min	28 min
	3	2 hr 33 min	153 min	1 hr 16 min	76 min	0 hr 38 min	38 min
	2	3 hr 50 min	230 min	1 hr 55 min	115 min	0 hr 57 min	57 min
	1	7 hr 40 min	460 min	3 hr 50 min	230 min	1 hr 55 min	115 min
	0.5	15 hr 20 min	920 min	7 hr 40 min	460 min	3 hr 50 min	230 min
	0.1	76 hr 40 min	4600 min	38 hr 20 min	2300 min	19 hr 10 min	1150 min
DD	4	1 hr 55 min	115 min	0 hr 57 min	57 min	0 hr 28 min	28 min
Dimensions: L520mm X D100mm	2	3 hr 50 min	230 min	1hr 55 min	115 min	0 hr 57 min	57 min
Weight (full): 3.5 kg							
ZA	15	0 hr 20 min	20 min	0 hr 10 min	10 min	0 hr 5 min	5 min
Dimensions: L390mm X D85mm	12	0 hr 25 min	25 min	0 hr 9 min	9 min	0 hr 6 min	6 min
Weight (full): 1.75 kg	10	0 hr 30 min	30 min	0 hr 15 min	15 min	0 hr 7 min	7 min
	8	0 hr 37 min	37 min	0 hr 14 min	14 min	0 hr 9 min	9 min
	6	0 hr 50 min	50 min	0 hr 25 min	25 min	0 hr 12 min	12 min
	4	1 hr 15 min	75 min	0 hr 37 min	37 min	0 hr 18 min	18 min
	2	2 hr 30 min	150 min	1 hr 15 min	75 min	0 hr 37 min	37 min
	1	5 hr	300 min	2 hr 30 min	150 min	1hr 15 min	75 min
	0.5	10 hr	600 min	5 hr	300 min	2 hr 30 min	150 min
	0.1	50 hr	3000 min	25 hr	1500 min	12 hr 30 min	750 min

The cylinder duration times are approximate and are to be used as guidance. The cylinder contents gauge should be checked prior to use to ensure that there is sufficient gas available. These flowrates are intended as a guide only.

*Flowrate +/- 20% cylinder content +/-5% variance from nominal values.

If you are visually impaired and require a copy of the above table in larger print, please contact us and we will be happy to send one out to you.

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Contact us.

Our normal working hours are Monday to Friday 8am until 5.30 pm.
We are open 24 hours for emergencies only.

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