

INVACARE HOMEFILL II

improving quality of life



To improve our patients quality of life we have introduced the HomeFill II ambulatory oxygen system.

The Invacare HomeFill II system is a flexible ambulatory oxygen system comprising a Perfecto 2 oxygen concentrator and a HomeFill compressor unit allowing patients to fill their own HomeFill cylinders. This gives ambulatory patients greater independence and freedom, granting a greater quality of life.

In order to ensure the HomeFill systems are being provided to the users who will receive the most benefit, patients must be assessed before HomeFill can be ordered.



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HomeFill concentrators are able to deliver up to 5 lpm. However, we would recommend selecting patients that use a continuous flow between 0.5-3 lpm, due to a flow of 2 lpm being required to fill a cylinder.

HomeFill cylinders deliver on a pulse dose. The cylinders have settings from 1-5 (not lpm) and a continuous flow of 2 lpm.

Below is the Homefill cylinder performance chart showing the available settings the cylinders can deliver and bolus delivery of the conserver.

The chart indicates that a typical patient may require an increased setting compared to their normal flow rate using a standard cylinder and conserver.



Conserver setting	Chad conserver	Bolus size (ml) @20bpm*	Trigger delay (sec)	Trigger sensitivity (cm H ₂ O)	Pulse delivery time (ms)	Conserving ratio
1	16	13	0.19	0.30	0.22	3.7
2	32	21	0.15	0.30	0.30	4.6
3	48	28	0.15	0.30	0.34	5.2
4	64	35	0.15	0.30	0.36	5.6
5	80	42	0.12	0.30	0.38	5.7
Cont 2 lpm		N/A	N/A	N/A	N/A	N/A

Cylinder model HF2PCE6 (lightweight cylinder)

		Duration on setting:					
Capacity	Weight**1	1	2	3	4	5	Continuous
157 litres	1.87kg	9h 18m	5h 54m	4h 30m	3h 36m	3h	1h 20m

Cylinder model HF2PCE9 (standard cylinder)

		Duration on setting:					
Capacity	Weight**1	1	2	3	4	5	Continuous
240 litres	2.43kg	14h 18m	9h 6m	6h 54m	5h 36m	4h 42m	2h 5m

HomeFill compressor

Weight	Sound level
15kg	49dB(A)

Perfecto 2 concentrator

Weight	Sound level
20.5kg	37dB(A) at 5lpm

*information supplied by Invacare

For more information please contact us at:

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