

INVACARE®

# CONSERVERS/REGULATORS



The **Oxygen Regulators** are intended for prescription use only, to be used as part of a portable oxygen delivery system for patients that require supplemental oxygen in their home and for ambulatory use. The oxygen regulator is designed to be used with high pressure oxygen systems. It consists of a cylinder connection, cylinder contents gauge (if equipped), high to low pressure regulator, orifice plate and a conserving demand module. The regulator reduces the high pressure of the cylinder to the working pressure of the orifice plate.

The orifice plate uses calibrated orifices to deliver a selected flow to the conserving demand module. The conserving demand module controls the pulse size and timing to the patient. It supplies a pulse of oxygen at the beginning of each breath. This reduces the oxygen demand on the system and limits the drying of the airways. The flow is determined by setting the flow control knob to the prescribed flow, and the oxygen is supplied to the patient through the cannula.

## Invacare® Element™ Pneumatic Oxygen Conserver

Compact design

CGA870 compatible

No batteries required

Single selector knob controls ON/OFF, liter flow and continuous flow mode

Senses a breath and delivers an oxygen bolus in first third of the inspiratory cycle

Delivers consistent volume of oxygen with each breath - up to 40 breaths per minute



### Cylinder Duration (20 BPM)

Setting	1	2	3	4	5	6	Continuous Flow
Cylinder/Volume (L)							
M2/36	1.9	0.9	0.6	0.5	0.4	0.3	0.3
M4/113	5.9	2.9	2.0	1.5	1.2	1.0	0.9
M6/164	8.5	4.3	2.8	2.1	1.7	1.4	1.4
ML6/171	8.9	4.5	3.0	2.2	1.8	1.5	1.4
M9/246	12.8	6.4	4.3	3.2	2.6	2.1	2.1
D/425	22.1	11.1	7.4	5.5	4.4	3.7	3.5
E/680	35.4	17.7	11.8	8.9	7.1	5.9	5.7
Pulse Dose Volume ml O2	28	43	64	78	91	103	



Model #

Dimensions

Weight

Oxygen Flow

Continuous Flow

Savings Ratio

Required Pressure

Regulator

IOC100P

5" L  
2.5" H  
2.5" W

14.8 oz.

2 LPM

2 LPM +/- 0.5

3.5:1

200 -  
3,000 PSI

Built-in  
25 +/- 5 PSI



Cannula

Operating Temperature

Operating Altitude

Limited Warranty

Single Lumen

32° - 122° F  
(0° - 50° C)

0-10,000 ft.

2 Years

## Lotus® Electronic Oxygen Conserver

Battery test light indicator and battery charge indicator light

Single selector knob controls ON/OFF and liter flow

Senses a breath and delivers an oxygen bolus in first third of the inspiratory cycle

Delivers consistent volume of oxygen with each breath - up to 40 breaths per minute

Adjustable continuous flow mode (0.5 - 6 LPM)



### Cylinder Duration (20 BPM)

Setting	1	1.5	2	2.5	3	4	5	6	Continuous Flow
Cylinder/Volume									
M2/36	3.0	2.0	1.5	1.2	1.0	0.8	0.6	0.5	0.3
M4/113	9.4	6.3	4.7	3.8	3.1	2.4	1.9	1.6	0.9
M6/164	13.7	9.1	6.8	5.5	4.6	3.4	2.7	2.3	1.4
ML6/171	14.3	9.5	7.1	5.7	4.8	3.6	2.9	2.4	1.4
M9/246	20.5	13.7	10.3	8.2	6.8	5.1	4.1	3.4	2.1
D/425	35.4	23.6	17.7	14.2	11.8	8.9	7.1	5.9	3.5
E/681	56.7	37.8	28.3	22.7	18.9	14.2	11.3	9.4	5.7
Pulse Dose Volume ml O2	20	30	40	50	60	80	100	120	



Model #	Dimensions	Weight	Oxygen Flow	Continuous Flow	Savings Ratio	Required Pressure	Regulator
IOC100E	7" L 2.6" H 4" W	14.4 oz.	2 LPM	0.5-6 LPM *	5:1	200 - 2,200 PSI	Built-In 25 +/- 5 PSI



Cannula	Operating Temperature	Operating Altitude	Limited Warranty
Single Lumen	32° - 122° F (0° - 50° C)	0-10,000 ft.	2 Years

\* Factory setting 2 lpm

## Invacare® Piston Regulator

Invacare offers the right selection of regulator models, sizes and styles. With CGA870 styles from 4 LPM to 15 LPM maximum flow rate, Invacare has the regulator to fit your oxygen needs. A five-year limited warranty ensures years of accurate, reliable service.

## Features

- “Select flow” style
- Lightweight and durable
- Bumper-protected contents gauge
- Competitively priced
- Compatible with CGA870 style cylinders

HCPCS Code: E1353



**Invacare Corporation**  
www.invacare.com

### USA

One Invacare Way  
Elyria, Ohio  
44035-4190  
(800) 333-6900

### Canada

570 Matheson Blvd. E.,  
Unit 8  
Mississauga, Ontario  
L4Z 4G4 Canada  
(800) 668-5324

©2012

Invacare Corporation.  
All rights reserved.  
Trademarks are identified by the symbols ™ and ®.  
All trademarks are owned by or licensed to Invacare Corporation unless otherwise noted. Lotus is a registered trademark of Inovo, Inc. Specifications are subject to change without notification.  
Form No. 09-038  
Rev. 01/12  
111132

Cylinder Flow	Flow Settings
IRC2002	0, 1/32, 1/16, 1/8, 1/4, 1/2, 3/4, 1, 1.5, 2, 3, 4
IRC2121	0, 1/4, 1/2, 3/4, 1, 1.5, 2, 2.5, 3, 4, 5, 6
IRC2020	0, 1/2, 1, 1.5, 2, 2.5, 3, 4, 5, 6, 7, 8
IRC2025	0, 1/2, 1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 15



Model #	Quantity Per Case	Flow Range	Inlet Pressure Max.	Outlet Pressure **	Limited Warranty
IRC2002	1	0-4 LPM *	3,000 PSI	50 PSI Nominal	5 Years
IRC2121	1	0-6 LPM	3,000 PSI	20 PSI Nominal	5 Years
IRC2020	1	0-8 LPM	3,000 PSI	50 PSI Nominal	5 Years
IRC2025	1	0-15 LPM	3,000 PSI	50 PSI Nominal	5 Years

\* In pediatric increments.

\*\* 50 PSI nominal = 48-65 PSI @2,000 PSI cylinder pressure.

All references to HCPCS codes: Providers are responsible for determining the appropriate billing codes when submitting claims to the Medicare program, and should consult an attorney or other advisor to discuss specific situations in further detail.

