

# Brass-Core Regulators: 3100 Series-CGA 870

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## Features

- Patented brass core in all areas that contact high-pressure oxygen
- Meets ASTM-G175-03 promoted ignition tests
- Inlet pressure: 200-3,000 PSI
- Outlet pressure: 50 PSI
- CGA 870 connection
- Made in China to our rigorous quality standards
- 100% re-tested in our Naples, Florida facility
- Five-year warranty

## Materials

- All brass in high-pressure and relief-valve zones
- 20-micron, sintered-bronze inlet filter
- Teflon pressure regulating seat
- Viton and silicone o-rings
- Stainless steel fasteners and springs
- FDA-recommended brass and viton seal washer



## Available Models

MODEL	FLOWS	CONNECTION	RIGHT-HAND(RH)/ LEFT-HAND (LH)	OUTLET STYLE	HEIGHT	DIAMETER
3104-L	0-4 LPM	CGA 870	LH	BARB	5.75"	1.31"
3115-L	0-15 LPM	CGA 870	LH	BARB	5.75"	1.31"
3125-L	0-25 LPM	CGA 870	LH	BARB	5.75"	1.31"
3115-L-D	0-15 LPM	CGA 870	LH	DISS	5.75"	1.31"
3125-L-D	0-25 LPM	CGA 870	LH	DISS	5.75"	1.31"
3115-R	0-15 LPM	CGA 870	RH	BARB	5.75"	1.31"
3125-R	0-25 LPM	CGA 870	RH	BARB	5.75"	1.31"
3115-R-D	0-15 LPM	CGA 870	RH	DISS	5.75"	1.31"
3125-R-D	0-25 LPM	CGA 870	RH	DISS	5.75"	1.31"

## Flows

MODEL	LITER FLOW SETTINGS
3104	1/32, 1/16, 1/8, 1/4, 1/2, 3/4, 1, 1.5, 2, 3, 4
3115	.5, 1, 2, 3, 4, 5, 6, 8, 10, 12, 15
3125	.25, .5, 1, 2, 3, 4, 6, 8, 10, 15, 25



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06/09

# AccuPulse®: Single-Lumen Pneumatic Conservor



This lightweight and compact unit features six conserve and three continuous flow settings on a single control dial. Patients will enjoy its quiet pulsing operation. Providers will value its over 5:1 conserving ratio at every setting. Clinicians will depend on its accuracy to meet the clinical needs of their patients. The Accupulse® is U.S. made in our Naples, Florida facility.

## Features/Benefits

FEATURE	DESCRIPTION	BENEFITS
Inlet materials	Brass components in high-pressure areas as well as relief-valve zones	Meets ASTM-G175-03 promoted ignition tests
Dimensions	L: 6", W: 1.6", H: 1.5" Weight: 12.8 oz.	Small size and weight facilitates portability
Conserving flows	6 (1, 2, 2.5, 3, 4, 5)	Meets the needs of a broad range of patients
Continuous flows	3 (2, 3, 4)	Offers the most continuous flows available on the market, facilitating patient set-up and meeting the needs of a broad range of patients
Internal components	Brass piston assembly	Offers greater safety over aluminum construction
Theory of operation	Single-lumen pulse	Pulse design offers greater patient comfort

## Duration Chart

SETTINGS	1	2	2.5	3	4	5
Cylinder Type	<b>Estimated Cylinder Duration in Hours (Based on 15 breaths per minute)</b>					
M6	15.2	7.3	6.3	5.2	3.8	3.0
M9(C)	23.0	11.0	9.5	7.9	5.7	4.5
D	39.4	18.9	16.3	13.5	9.8	7.8
Alum E	63.4	30.4	26.3	21.7	15.8	12.5
CC per Breath	12	25	29	35	48	60
Conserving Ratio	5.6	5.3	5.7	5.7	5.6	5.6

# OXYMIZER®

## Disposable Oxygen-Conserving Devices

### Two New and Improved Versions.

- The unique design of the OXYMIZER conserver incorporates a new, clear facepiece and reservoir for less conspicuous oxygen delivery.
- The new OXYMIZER Pendant design includes flexible cannula tubing for comfortable all-day use, eliminating the need for ear loops and large bore tubing.
- Provides savings of 2:1 to 4:1, which permits reduced oxygen costs and extended ambulation up to 75%.
- Simplest conserving device on the market - no valves, controls, or adjustments!
- Can be used at liter flows up to 7.5 to give the equivalent of 10 lpm.
- Effective with all oxygen sources, including the TOTAL O<sub>2</sub>® Delivery System and standard oxygen concentrators.
- Eliminates the need for two concentrators for high-flow patients.
- Provides adequate saturations at higher flow, eliminating the need for a nonrebreather mask.

OXYGEN REQUIREMENTS WITH STANDARD NASAL CANNULA	OXYGEN REQUIREMENTS WITH OXYMIZER DEVICES	RESULTING OXYGEN SAVINGS
2.0 lpm	0.5 lpm	75.00%
3.0 lpm	1.0 lpm	66.60%
3.5 lpm	1.5 lpm	57.14%
4.0 lpm	2.0 lpm	50.00%
5.0 lpm	2.5 lpm	50.00%
5.5 lpm	3.0 lpm	45.45%
6.0 lpm	3.5 lpm	41.67%
6.5 lpm	4.0 lpm	38.46%
7.0 lpm	4.5 lpm	35.71%
7.5 lpm	5.0 lpm	33.33%

Effective & Disposable





# OXYMIZER®

DISPOSABLE OXYGEN-CONSERVING DEVICES

**Product Code:** O-224 (Case of 24)

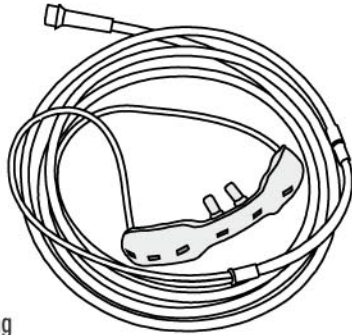
**Usage:** Designed for use with all oxygen delivery systems.

**Product Description:**

The original OXYMIZER unit is a disposable oxygen-conserving device used in the routine nasal administration of supplemental oxygen. It contains an oxygen-conserving reservoir in the facepiece, which offers the following unique features:

- A. A close-coupled reservoir that fills with 20ml of expired air at the initial phase of expiration, which is enriched or replaced with oxygen during the remainder of expiration.
- B. A diaphragm that immediately collapses on initial inspiration, delivering a bolus of oxygen to the deepest portion of the lungs.
- C. Soft nasal prongs that offer maximum comfort and place less pressure on the septum.

**Unit Weight:** 2 oz.



# OXYMIZER®

DISPOSABLE OXYGEN-CONSERVING DEVICES

## PENDANT

**Product Code:** P-224 (Case of 24)

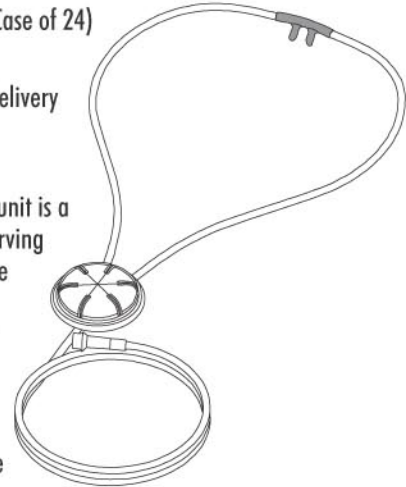
**Usage:** Designed for use with all oxygen delivery systems.

**Product Description:**

The OXYMIZER Pendant unit is a disposable oxygen-conserving device used in the routine nasal administration of supplemental oxygen. It contains an oxygen-conserving reservoir in an easy-to-conceal pendant, which offers the following unique features:

- A. A close-coupled reservoir that fills with 20ml of expired air at the initial phase of expiration, which is enriched or replaced with oxygen during the remainder of expiration.
- B. A diaphragm that immediately collapses on initial inspiration, delivering a bolus of oxygen to the deepest portion of the lungs.

**Unit Weight:** 3 oz.



## ADDITIONAL INFORMATION

As a result of their unique design, the OXYMIZER oxygen-conserving devices efficiently administer supplemental oxygen while at the same time:

- 1) Providing oxygen savings of up to 75%
- 2) Reducing nasal irritation
- 3) Eliminating the need for supplemental humidification

**Clinical Effectiveness and Efficiency:** The OXYMIZER disposable devices have been clinically proven in twenty years of use. Clinical studies at prestigious medical centers worldwide have shown adequate oxygen saturations at significantly lower flow rates.

Additional studies have demonstrated that the OXYMIZER devices can maintain adequate oxygen saturations in patients requiring high flows. In most cases, this eliminates the need to use awkward masks and allows patients to eat, drink, and talk in an unobstructed manner.