

Continuous Vacuum Regulator (ANSI)



Standard Three
Mode Continuous
0-200 mmHg Gauge



Two Mode
Low Continuous
0-160 mmHg gauge



Three Mode
High Continuous
0-760 mmHg gauge



Standard Two Mode
Continuous
0-200 mmHg gauge

DESCRIPTION AND APPLICATION

Ohio Medical® Continuous Vacuum Regulators (CVR) provide regulated, continuous suction for tracheal and pharyngeal airway management, surgical procedures and continuous nasogastric drainage. The Continuous Vacuum Regulator is compact, lightweight and specially designed to be both durable and serviceable. An industry standard, it includes several models and convenient features designed to improve suctioning procedures and enhance clinical practice throughout the hospital. Modular design makes maintenance and repairs both quick and easy.

The Three Mode, Two Mode and Three Mode High Continuous models provide adjustable vacuum from zero to full-line vacuum. Both the Three Mode and Three Mode High units offer a MAX mode which provides unrestricted full-line vacuum for emergencies. The Low model includes a negative pressure limiting valve to limit maximum negative pressure to 135 mmHg. Three specialized gauges are supplied. Both the Three Mode and Two Mode units feature a large 0-200 mmHg range gauge with color-coded low, medium, high and full-vacuum ranges. Each gauge has glow-in-the-dark increments and needle. The gauge for the Low unit is color-coded to indicate its special low range (0-160 mmHg). The High model is also color-coded for high vacuum and reports the full range of available vacuum from 0 -760 mmHg.

For patient safety in case of accidental connection to a positive pressure gas, these regulators are equipped with a positive pressure relief valve.

FEATURES AND BENEFITS

- **Compact and Lightweight**
Easy to handle
Reduces stress on outlet
- **Mode Selector Toggle Switch**
Positive action toggle
Easy to grasp and use
Optional MAX Mode
- **Suction Control Knob**
Easy to grasp, adjust and clean
Molded one-piece construction
- **Positive Pressure Safety Relief Valve**
Vents positive pressure to protect patient and regulator if accidentally connected to pressurized gas (O₂, air, etc.)
- **Modular Components**
Simplifies service procedures
Low cost replacement parts and kits
- **Strong, Break-Resistant Case**
Minimizes cracking, crazing
Durable
Gas sterilizable
- **Pressure limiting valve (Low model) limits level of negative pressure at 140 mmHg.**
- **Ordering Options**
Available in various configurations to include adapters for connection to source vacuum. Also available with options for collection devices and overflow safety protection.

Standard Three Mode Continuous

- Modes: I (ON), O (OFF), MAX
- Gauge: Standard (0-200 mmHg - Full Vacuum)
- Color Band: Low, Medium, High & Full Vacuum
- Regulated Vacuum: 0 - Full Vacuum
- Instantaneous MAX Vacuum mode

Standard Two Mode Continuous

- Modes: I (ON), O (OFF)
- Gauge: Standard (0-200 mmHg - Full Vacuum)
- Color Band: Low, Medium, High & Full Vacuum
- Regulated Vacuum: 0 - Full Vacuum

Low Continuous

- Modes: I (ON), O (OFF)
- Gauge: Low Vacuum (0-160 mmHg)
- Color Band: Low, Medium, High
- Regulated Vacuum: 0-135 mmHg
- Safety Relief Valve

High Continuous

- Modes: I (ON), O (OFF), MAX
- Gauge: High Vacuum (0-760 mmHg)
- Color Band: Solid orange
- Regulated Vacuum: 0 - Full Vac
- Instantaneous Full Vacuum Mode
- Recommended for OR/ER use

Technical Specifications

Flow Rate

0-80 Lpm without fittings at full increase setting, depending on vacuum supply and open air flow

Gauge Accuracy

± 5% Full Scale Deflection

Dimensions

5.7”H x 3.0”W x 3.8”D
(14.5 x 7.62 x 9.65 cm)

Weight

11 oz (0.312 Kg.)

F.O.B. Point

Gurnee, IL USA

Applied Standards

ISO 10079-3

* Specifications are nominal, subject to change without notice.

Shipping Information

Shipping weight

1 lb. 6 oz. (0.62 Kg) less fittings and adapters

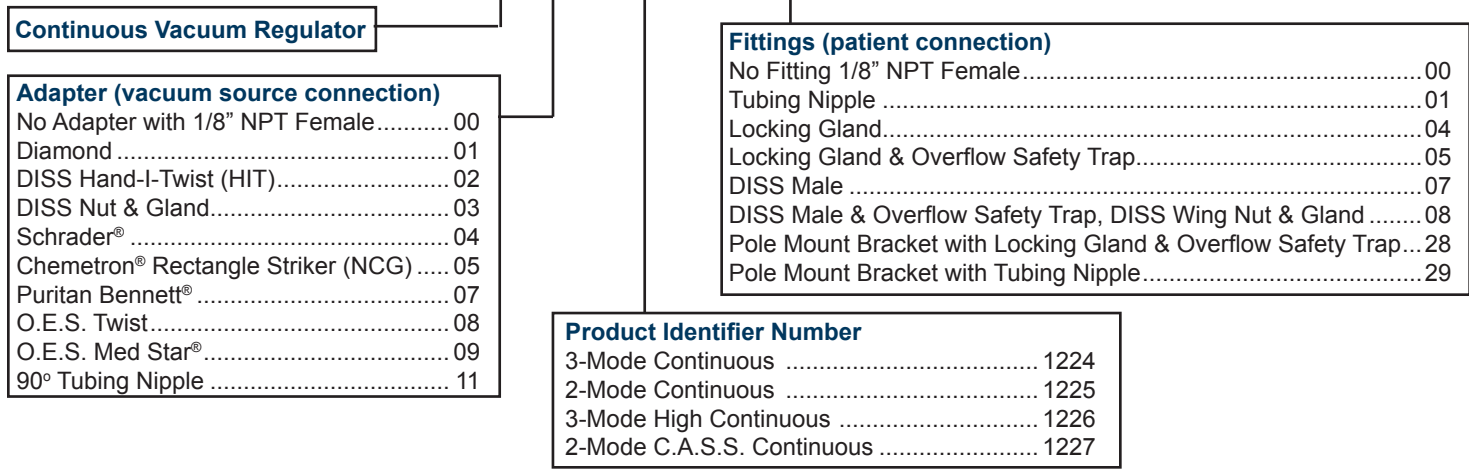
Package Size

10.3” H x 7.8” W x 6.8” D
(26.2 H x 19.8 W x 17.2 D cm)

Packaging: One per carton

Parts Configuration

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