Continuous Vacuum Regulator (ANSI)

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
- **Adapter (vacuum source connection)**
  - No Adapter with 1/8" NPT Female .......... 00
  - Diamond ............................................. 01
  - DISS Hand-I-Twist (HIT) .................. 02
  - DISS Nut & Gland .............................. 03
  - Schrader® .......................................... 04
  - Chemetron® Rectangle Striker (NCG) .... 05
  - Puritan Bennett® ................................. 07
  - O.E.S. Twist ....................................... 08
  - O.E.S. Med Star® ............................... 09
  - 90° Tubing Nipple ............................. 11

- **Fittings (patient connection)**
  - No Fitting 1/8" NPT Female ................. 00
  - Tubing Nipple ....................................... 01
  - Locking Gland ..................................... 04
  - Locking Gland & Overflow Safety Trap .... 05
  - DISS Male ......................................... 07
  - DISS Male & Overflow Safety Trap, DISS Wing Nut & Gland .... 08
  - Pole Mount Bracket with Locking Gland & Overflow Safety Trap... 28
  - Pole Mount Bracket with Tubing Nipple ........ 29

**Product Identifier Number**
- 3-Mode Continuous ................................. 1224
- 2-Mode Continuous ................................. 1225
- 3-Mode High Continuous ......................... 1226
- 2-Mode C.A.S.S. Continuous ..................... 1227

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550035-CVR (Rev. 3) 04/2018