

## Surgical/Free-Flow Vacuum Regulator (ANSI)



High Surgical/Free-Flow  
 • 0-760 mmHg gauge



Standard Surgical/Free-Flow  
 • 0-200 mmHg gauge with Full Vac

### DESCRIPTION AND APPLICATION

The Ohio Medical™ Surgical/Free-Flow (SFF) Vacuum Regulator is specifically designed to provide high flow rates and minimal maintenance in the Operating Room and anywhere high levels of suction are used. It provides reliable, full-range aspiration for all continuous-flow suction procedures and is equipped with many convenient, easy to use features to facilitate surgical and/or emergency suctioning.

Surgical/Free-Flow's exclusive straight-through regulating mechanism replaces the complex vacuum circuitry existing in all other regulators. It provides high flows up to 150 L/min and prevents build-up of aerosols and lint that clog other regulators. Optional standard and high vacuum gauges suit this regulator to a wide range of applications.

The high model may also be used as a diagnostic tool to test maximum pressure from wall outlets.

### FEATURES AND BENEFITS

- **Straight-through Suction Control**  
 Provides unrestricted, high flow rates up to 150 L/min  
 Reduces clogging, downtime
- **Full Range Regulation**  
 Regulates through full range of available vacuum  
 Automatically self-adjusting  
 Choice of controlled or wide open suction

- **Large, Easy to Read Gauge**  
 Standard and High vacuum gauges  
 Glow in the dark increments and needle  
 Accuracy +/- 5% full scale
- **Quick Flip ON/OFF Switch**  
 Observable "ON" position  
 Turns on to preset level Turns off with elbow (when scrubbed)
- **Diagnostic Window**  
 Direct observation of mechanical workings  
 Fast, simple access for cleaning or repairs
- **Large Control Knob**  
 Easy to regulate  
 Fast response; one turn from OFF to Full Vacuum
- **Durable Design and Construction**  
 Few mechanical parts  
 Rugged, break-resistant case
- **Ten Year Parts and Labor Warranty**
- **Ordering Options**  
 Available in various configurations to include adapter for connection to source vacuum. Also available with options for collection devices and overflow safety protection.

### Standard Surgical/Free-Flow

- 0-200 mmHg - Full vacuum gauge
- High flow rates
- Low maintenance, easy to service
- Dependable, time-tested gauge and controls
- Easy-to-read gauge
- Fast response suction control knob
- Quick flip mode control switch

### High Surgical/Free-Flow

- 0-760 mmHg - High vacuum gauge
- High flow rates
- Low maintenance, easy to service
- Dependable, time-tested gauge and controls
- Easy-to-read gauge
- Fast response suction control knob
- Quick flip mode control switch

### SPECIFICATIONS\*

#### Flow Rate

0-150 Lpm without fittings at full increase

#### Gauge Accuracy

± 5% Full Scale Deflection

#### Dimensions

5.7" H x 3.0" W x 3.8" D  
(17.8 x 7.62 x 10.16 cm)

#### Weight

1 lb. 8 oz. (0.680 Kg)

#### Warranty

Ten Years

### Standards

Conforms to ISO 10079-3 and ASTM F960

\* Specifications are nominal, subject to change without notice.

### PURCHASING SPECIFICATIONS

Vacuum regulator with color coded Standard (0-200-Full) or High (0-760 mmHg) gauge, each calibrated in mmHg. Regulator provides continuous, regulated suction from a piped vacuum system. Regulating mechanism is physically isolated from the suction flow path (regulating bar and silastic tubing). Unit provides instantaneous ON/OFF positions. Control knob regulates vacuum levels from zero to full line vacuum in one complete turn. Gauge reports vacuum levels from zero to full-line vacuum. Regulators are equipped with specified adapter and/or fitting.

### SHIPPING INFORMATION

#### Shipping Weight

2 lbs 3 oz. (0.9 Kg)

#### Package Size

10.3" H x 7.8" W x 6.8" D  
(26H x 19.6W x 17D cm)

#### Packaging

One per carton

#### F.O.B. Point

Gurnee, IL

## Parts Configuration

67 XX - XXXX - 9 XX

#### Adapter (vacuum source connection)

No Adapter with 1/8" NPT Female	00
Ohio 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
1/2 Gallon Collection Bottle	02
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	26

Surgical/Free Flow Vacuum Regulator - Standard Gauge	1246
Surgical/Free Flow Vacuum Regulator - High Gauge	1247