

# Surgical/Free-Flow Vacuum Regulator (ISO)

## DESCRIPTION AND APPLICATION

The Ohio Medical® Surgical/Free-Flow 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 many other regulators. It provides high flows up to 150 LPM and prevents build-up of aerosols and lint that clog other regulators. It is classified as a high vacuum/high flow unit. The high vacuum gauge is suitable to a wide range of applications.

The Surgical/Free-Flow regulator 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 LPM  
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**  
6.5 cm (2.5 in) gauge face  
Convex lens cover reduces glare
- **Quick Flip ON/OFF Switch**  
Observable "ON" position  
Turns on to preset level
- **Diagnostic Window**  
Direct observation of mechanical workings  
Fast, simple access for cleaning, repairs  
Hex wrench supplied
- **Large Control Knob**  
Easy to regulate  
Fast response; one turn from OFF to Full Vacuum



High Surgical/Free-Flow  
• 0-101.3 kPa gauge  
• 0-760 mm Hg gauge

- **Durable Design and Construction**  
Few mechanical parts  
Rugged, break-resistant case
- **CE marked**
- **Ordering Options**  
Available in various configurations, probes for connection to source vacuum. Also available with options for collection devices and overflow safety protection.

## High Surgical/Free-Flow

- 0-101.3 kPa (0-760 mmHg) - High Vac 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

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

### Weight

0.680 Kg (1 lb 8 oz.)

## Applied Standards

ISO 10079-3

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

## Shipping Information

### Shipping Weight

1.0 Kg (2 lb. 3 oz.) less fittings and adapters

### Package Size

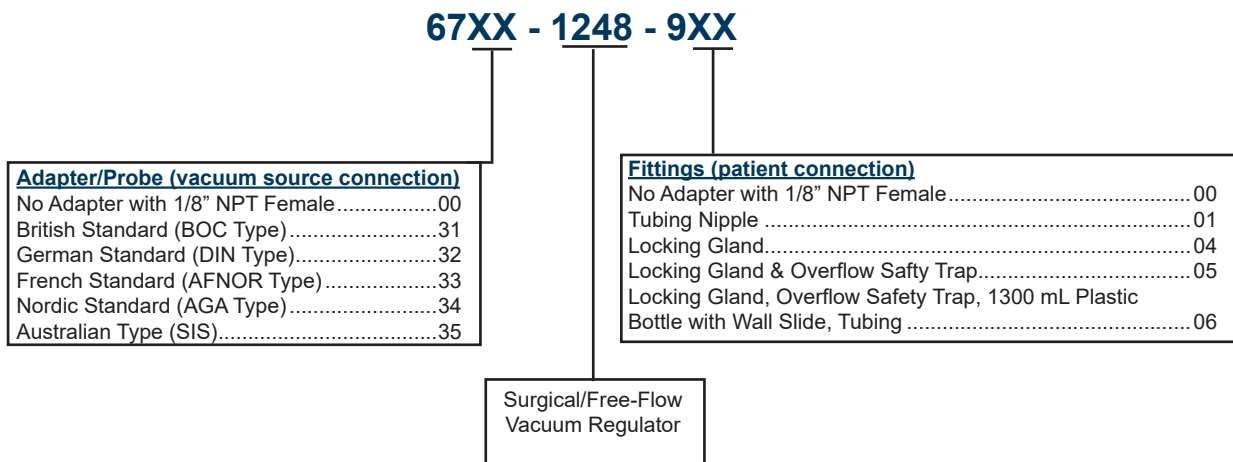
26.16 H x 19.8" W x 17.27 D cm  
(10.3" H x 7.8" W x 6.8" D)

### Packaging

One per carton

For more information, contact your Ohio Medical sales specialists or authorized agent.

## Parts Configuration



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