

# 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 L/min 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 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**  
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 L/min 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

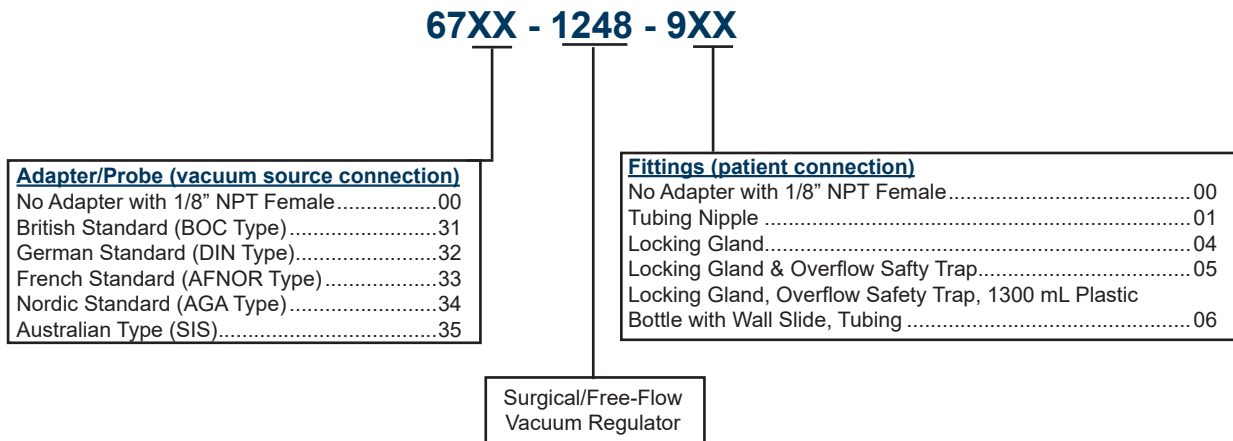
26.16 H x 19.8" W x 17.27 D cm  
(10.3" H x 7.8" W x 6.8" D)

### Packaging

One per carton

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

## Parts Configuration



**EMERGO EUROPE**  
Prinsessegracht 20 2514 AP The Hague The Netherlands

**AUSTRALIAN SPONSOR: EMERGO AUSTRALIA**  
Level 20, Tower II Darling Park 201 Sussex Street Sydney, NSW 2000 Australia

© 2019 Ohio Medical LLC. This document contains information that is proprietary and confidential to Ohio Medical LLC. Use of this information is under license from Ohio Medical LLC. Any use other than that authorized by Ohio Medical LLC is prohibited. Ohio Medical and the Ohio Medical logo are registered trademarks of Ohio Medical LLC.



550036-EN-SFF (Rev. 3.1) 08/19

1111 Lakeside Drive Gurnee, IL 60031 USA  
866.549.6446 | ohio-medical.com