



## **OXYGEN & SUCTION THERAPY**

Flowmeters with Humidifiers | Medical Gas Regulators | Air/Oxygen Blenders | Suction Regulators | Collection Systems

*Solutions for Life*



## Air/Oxygen Blenders

- Suitable for use in Emergency Room and ICU where accurate oxygen concentration is required
- Double-ended proportioning valve enables easy adjustment of oxygen concentration from 21% to 100%.
- Two-stage pressure-balancing mechanism is adopted to deliver steady oxygen concentration.
- Two outlet ports and bleed valve allow a wide range of applications
- Internal bypass and alarm mechanism ensure safe use.
- Accuracy:  $\pm 3\%$  FS



NEW



## Disposable Liners

- Liner can be easily disposed and replaced
- Tandem port for multiple canister connections
- Overflow protection (Optional)

# COMPANY INTRODUCTION

GENTEC® Medical Products

*Solutions for Life*



## Company Overview

Genstar Technologies Company, Inc (GENTEC®), founded in 1969, is a world class manufacturer of high quality apparatus for high purity, medical and industrial markets.

For the medical industry, GENTEC® provides high quality products such as medical gas flow control systems, regulators, terminal-units, architectural products, and gas alarm systems.

## Quality Assurance

GENTEC® manufactures its products in an ISO 9001: 2000 and ISO 13485 certified 150,000 square foot manufacturing facility in order to ensure the highest quality.

## Corporate Culture & Management, Training

Gentec strives to instill employee confidence, team spirit, enthusiasm, and self-improvement. The company culture enables employees to provide outstanding customer service, excellent product quality, and continuous technological innovation. Gentec believes in constant improvement to maintain its competitive edge. The company continues to invest considerable time and effort in developing comprehensive training programs to help its employees to fully realize their potential. All new employees take part in a series of training programs within the first two months of their employment.

## Core Competency

Gentec's core competency is rooted in the research, development, and production of components, equipment, and systems. The research and development team consists of professionals from various fields, such as chemical engineering, material science, mechanical engineering, electrical engineering, and software programming.

## Advanced Laboratorial Testing Devices

The state-of-the-art laboratory features a coordinate measuring system, flow rate measurement system, oxygen concentration monitor, micro-hardness tester, metallurgical microscope, spring testing machine, helium-leak detector, and profilometer. These high-end devices ensure product performance and quality.



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# OXYGeN THeRAPHY

Flowmeters with Humidifiers

Solutions for Life

## Flowmeter

- Polycarbonate outer and inner tubes for maximum durability and service life
  - Dual-sided scale, easy to read dual-sided scale covers 180 degrees viewing angles
  - Elongated Scale, provides better visual accuracy from 0-5 LPM. The scaling from 0-5 LPM covers half the flowtube
  - Back pressure compensated and calibrated at 50\* psi
- \* Calibration pressure of 65 psi is also available



## Fittings

- CGA 1240 connection
- Easily connects with humidifiers or nebulizers

## Pressure relief valve

- Pressure relief valve on cover to vent excess pressure

## Filter

- Internal micro filter prevents inhalation of debris
- Reusable

## Type of inlet adapter

- 00: No adapter (1/8" Female NPT)
- OH: Ohmeda® adapter
- DS: DISS hex adapter
- DH: DISS Handwheel adapter
- CH: Chemetron® adapter
- PB: Puritan-Bennett® adapter
- FS: French (NF S 90-116) adapter
- GS: German (DIN 13260-2) adapter
- BS: British (BS5682-1998) adapter
- JIS: Japanese (JIS T7101) adapter
- SIS: Australian (AS2896) adapter

## Control Knob

- Allows steady adjustment of flowrate
- Aluminum construction for durability
- Color Coding available in ISO 32 or NFPA 99

## Humidifier

- Our reusable series is designed to be autoclavable up to 121°C during disinfecting procedures
- DISS 1240 inlet adapter
- Polycarbonate bottles are impact resistant for maximum durability and service life



FM897A-15L2-OH  
Flowmeter with Humidifier  
Oxygen(0-15L) OH inlet adapter

CE  
0123

## FM19X & FM18X Series Medical Flowmeters

### Oxygen Flowmeters



FM197A-15L-XX  
Round Tube  
Anodized Aluminum  
Body

FM197B-15L-XX  
Round Tube  
Chrome-plated  
Brass Body



### Air Flowmeters



FM187A-15L-XX  
Round Tube  
Anodized Aluminum  
Body

FM187B-15L-XX  
Round Tube  
Chrome-plated  
Brass Body

### Features



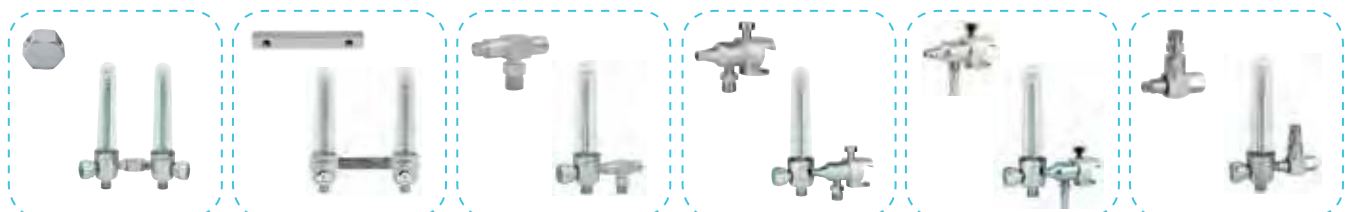
- Slim body flowmeter
- Available in anodized aluminum (FM197A, FM187A) or chrome-plated brass body ( FM197B, FM187B)
- Polycarbonate tubes for maximum durability
- Back-pressure compensated
- Flow range: 1LPM, 3LPM, 6LPM, 15 LPM
- Calibrated at 50\* psi
- CE listed

\* Optional calibration for 65 psi available. This option shall come with ISO 32 color coding. Please add "E" after liters per minute.

Example: FM191-15LE-XX

For ISO 32 colors with 50 psi calibration please add "E" after the connector

Example: FM197A-15L-00E



Dual Flowmeter  
with Y Connector

Dual Flowmeter  
with T Connector

Flowmeter with  
Power Take Off Connector

Flowmeter with  
Rail Clamp (DISS)

Flowmeter with  
Rail Clamp (Hose Barb)

Flowmeter with  
360° Connector

## FM293 Series Neonatal, Perinatal and Specialty Flowmeters

### Oxygen Flowmeters



FM293-200CC-X



FM293-1L-X



FM293-3L-X



FM293-16L-X



FM293-75L-X

### Air Flowmeters



FM293-16L-Q



FM293-75L-Q

### Features

- Precise flow control
- Range: 200 cc/min, 1LPM, 3LPM, 16LPM, 75LPM  
200cc and 1LPM model are designed for perinatal and neonatal applications where extreme accuracy and very low flow is required.
- Acrylic block construction
- Square shape design for easy reading
- Back pressure compensated and calibrated at 50\* psi
- Maximum inlet pressure: 100 psi
- Inlet: 1/8" NPT(F), Outlet: 9/16"-18UNF(M)
- Accuracy: 200 cc/min ~ 3 LPM:  $\pm 10\%$  full range  
16 ~ 75 LPM:  $\pm 5\%$  full range

\* Optional calibration for 65 psi available. This option shall come with ISO 32 color coding. Please add "E" after liters per minute. Example: FM293-16LE-X-XX  
For ISO 32 colors with 50 psi calibration please add "E" after the connector  
Example: FM293-16L-X-00E

### Ordering Information

Model Number	Specifications
FM293-200CC-X	Oxygen flowmeter, Back pressure compensated, 200 cc/min, Inlet connection: 1/8" NPT(F), Outlet connection: 9/16"-18UNF(M)
FM293-1L-X	Oxygen flowmeter, Back pressure compensated, 1 LPM, Inlet connection: 1/8" NPT(F), Outlet connection: 9/16"-18UNF(M)
FM293-3L-X	Oxygen flowmeter, Back pressure compensated, 3 LPM, Inlet connection: 1/8" NPT(F), Outlet connection: 9/16"-18UNF(M)
FM293-16L-X	Oxygen flowmeter, Back pressure compensated, 16 LPM, Inlet connection: 1/8" NPT(F), Outlet connection: 9/16"-18UNF(M)
FM293-75L-X	Oxygen flowmeter, Back pressure compensated, 75 LPM, Inlet connection: 1/8" NPT(F), Outlet connection: 9/16"-18UNF(M)
FM293-16L-Q	Air flowmeter, Back pressure compensated, 16 LPM, Inlet connection: 1/8" NPT(F), Outlet connection: 9/16"-18UNF(M)
FM293-75L-Q	Air flowmeter, Back pressure compensated, 75 LPM, Inlet connection: 1/8" NPT(F), Outlet connection: 9/16"-18UNF(M)



## Carbon Dioxide and Heliox Medical Flowmeters

### Carbon Dioxide Flowmeters

#### Features

- Slim body flowmeter
- Available in anodized aluminum (FM177A) or chrome-plated brass body ( FM177B)
- Polycarbonate tubes for maximum durability
- Back-pressure compensated
- Flow range: 0~12 LPM
- Calibrated at 50 psi



FM177B-12L

#### Ordering Information

Model Number	Specifications
FM177A-12L	Carbon Dioxide flowmeter, Back pressure compensated, 12L, Inlet connection: 1/8" NPT(F)
FM177B-12L	Carbon Dioxide flowmeter, Back pressure compensated, 12L, Inlet connection: 1/8" NPT(F)

### Heliox Flowmeters

#### Features

- Slim body flowmeter
- Available in anodized aluminum
- Polycarbonate tubes for maximum durability
- Back-pressure compensated
- Flow range: 0~12 LPM
- Calibrated at 50 psi



FM197A-S

#### Ordering Information

Model Number	Specifications
FM197A-12L-S-(Heliox)	Heliox flowmeter, Back pressure compensated, 12L, Inlet connection: 1/8" NPT(F)

## Flowmeter Accessories



Dual Flowmeter with Y Connector  
Inlet: 1/8" NPT(F)



Dual Flowmeter with T Connector and ISO color coding  
Inlet: 1/8" NPT(F)



Flowmeter with Power Take Off Connector  
Inlet: 1/8" NPT(F) , Outlet: DISS



Flowmeter with Rail Clamp (10\*25mm)  
Inlet: DISS



Flowmeter with Rail Clamp (10\*25mm)  
Inlet: 1/4" , 5/16" Hose Barb



Flowmeter with 360° Connector  
Inlet: 1/8" NPT(F) , Outlet: DISS



Flowmeter Humidifier with FM-PTO Power Take Off, Ohmeda Adapter, and Retaining Wire.

Connectors	Flowmeters			
				
	FM197A	FM197B	FM187A	FM187B
 Y-FNT2 Y Connector 3-1/8-NPT(F)	FMD197A-15L-XX	FMD197B-15L-XX	FMD187A-15L-XX	FMD187B-15L-XX
 T-BFNT2-00 T Connector 3-1/8-NPT(F)	FMT197A-15L-XX	FMT197B-15L-XX	FMT187A-15L-XX	FMT187B-15L-XX
 FM-PTO, FM-PTA Power Take Off Connector	FM197A-15L-P-XX	FM197B-15L-P-XX	FM187A-15L-P-XX	FM187B-15L-P-XX
 FM197B-20 Rail Clamp	FM197A-15L-CL	FM197B-15L-CL	FM187A-15L-CL	FM187B-15L-CL
 FM197B-20-HB4(HB5) Rail Clamp (Hose Barb)	FM197A-15L-CP	FM197B-15L-CP	FM187A-15L-CP	FM187B-15L-CP
 FM-IPPB-O(A) 360° Connector	FM197A-15L-PT-XX	FM197B-15L-PT-XX	FM187A-15L-PT-XX	FM187B-15L-PT-XX

\* XX: Inlet adapter (00, OH, DS, DH, CH, PB, FS, GS, BS, JIS, SIS). Example: FMD197A-15L-OH

\*\* For 65 psi calibration pressure, see page 5 and page 6

# OXYGEN THERAPY

Click Style Flowmeters & Oxygen Supply Manifolds

Solutions for Life

## Click Style Flowmeter



CFM-8L-OH  
Click Style Flowmeter with  
Ohmeda inlet adapter

CFM-15L-XX  
Click Style Flowmeter

CFMA-15L-XX  
Click Style Flowmeter

### Features

- Available in Oxygen, Medical Air
- Available in 4, 8, 15 and 25 LPM
- Smallest and lightest in the industry
- Smallest increment is 1/32 LPM
- Calibration at 50\* psi
- Encased in an anodized aluminum housing
- Easy to read window

\* Calibration for different pressures available upon request

### Ordering Information

OXYGEN		MEDICAL AIR	Flow Rate (LPM)
Model Number (USA)	Model Number (ISO)	Model Number (USA)	
CFM-4L-XX	CFM-4LE-XX	-	0, 0.25, 0.5, 0.75, 1, 1.25, 1.5, 2, 2.5, 3, 3.5, 4
CFM-8L-XX	CFM-8LE-XX	-	0, 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6, 7, 8
CFM-15L-XX	CFM-15LE-XX	CFMA-15L-XX	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 12, 15
CFM-25L-XX	CFM-25LE-XX	-	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 20, 25

\* XX: Inlet adapter (00, OH, DS, DH, CH, PB, FS, GS, BS, JIS, SIS)  
Example: CFM-15L-OH, CFM-15L-AIR-OH

## Oxygen Supply Manifold



- Economical and practical
- For EMS and mass casualty situations where multiple patients require oxygen simultaneously
- Consistent pressure
- Manufactured according to CE requirements, compliant to EN 13220



## Humidifiers

### 7100R & 7200R & 7300R Series

- Reusable
- Polycarbonate bottles are impact resistant for maximum durability and service life.
- Pressure relief valve on cover to vent excess pressure
- Designed to be autoclavable up to 121°C during disinfecting procedures (Models 7200R and 7300R)
- DISS 1240 inlet connection
- CE listed



7100R  
(Volume 200 ml)



7200R  
(Volume 140 ml)



7300R  
(Volume 350 ml)

### 638 Series

- Disposable
- DISS 1240 inlet connection
- MOQ: 50 pcs



638-001  
(Volume 250 ml)



638-002  
(Volume 400 ml)



638-003  
(Volume 400 ml)

## Nebulizers

### 7700R Series

- Reusable
- Polycarbonate bottles are impact resistant for maximum durability and service life
- Relief valve with whistle alert
- DISS 1240 inlet connection



7700R  
(Volume 300 ml)



637-004  
(Volume 300 ml)

### 637 Series

- Disposable
- DISS 1240 inlet connection
- MOQ: 50 pcs

# OXYGEN THERAPY

Flowmeters with Humidifiers / Nebulizers

Solutions for Life

## Flowmeters with Humidifiers / Nebulizers



## Ordering Information

Humidifiers & Nebulizers	Flowmeters				
	FM197A	FM197B	FM187A	FM187B	CFM
 7100R	FM897A-15L1-XX FM897A-6L1-XX FM897A-3L1-XX FM897A-1L1-XX	FM897B-15L1-XX FM897B-6L1-XX FM897B-3L1-XX FM897B-1L1-XX	FM887A-15L1-XX FM887A-6L1-XX FM887A-3L1-XX FM887A-1L1-XX	FM887B-15L1-XX FM887B-6L1-XX FM887B-3L1-XX FM887B-1L1-XX	FM877-25L1-XX FM877-15L1-XX FM877-8L1-XX FM877-4L1-XX
 7200R	FM897A-15L2-XX FM897A-6L2-XX FM897A-3L2-XX FM897A-1L2-XX	FM897B-15L2-XX FM897B-6L2-XX FM897B-3L2-XX FM897B-1L2-XX	FM887A-15L2-XX FM887A-6L2-XX FM887A-3L2-XX FM887A-1L2-XX	FM887B-15L2-XX FM887B-6L2-XX FM887B-3L2-XX FM887B-1L2-XX	FM877-25L2-XX FM877-15L2-XX FM877-8L2-XX FM877-4L2-XX
 7300R	FM897A-15L3-XX FM897A-6L3-XX FM897A-3L3-XX FM897A-1L3-XX	FM897B-15L3-XX FM897B-6L3-XX FM897B-3L3-XX FM897B-1L3-XX	FM887A-15L3-XX FM887A-6L3-XX FM887A-3L3-XX FM887A-1L3-XX	FM887B-15L3-XX FM887B-6L3-XX FM887B-3L3-XX FM887B-1L3-XX	FM877-25L3-XX FM877-15L3-XX FM877-8L3-XX FM877-4L3-XX
 7700R	FM867A-6L1-XX FM867A-15L1-XX	FM867B-6L1-XX FM867B-15L31-XX	-	-	FM867-15L3-XX FM867-8L3-XX FM867-4L3-XX

\* XX: Inlet adapter (00, OH, DS, DH, CH, PB, FS, GS, BS, JIS, SIS). Example: FMD191-15L-OH

\*\* For 65 psi calibration pressure, see page 5 and page 6

## Flowmeters with Humidifiers / Nebulizers



Flowmeter

+



Nebulizer

=



Flowmeter with Nebulizer

### Flowmeters

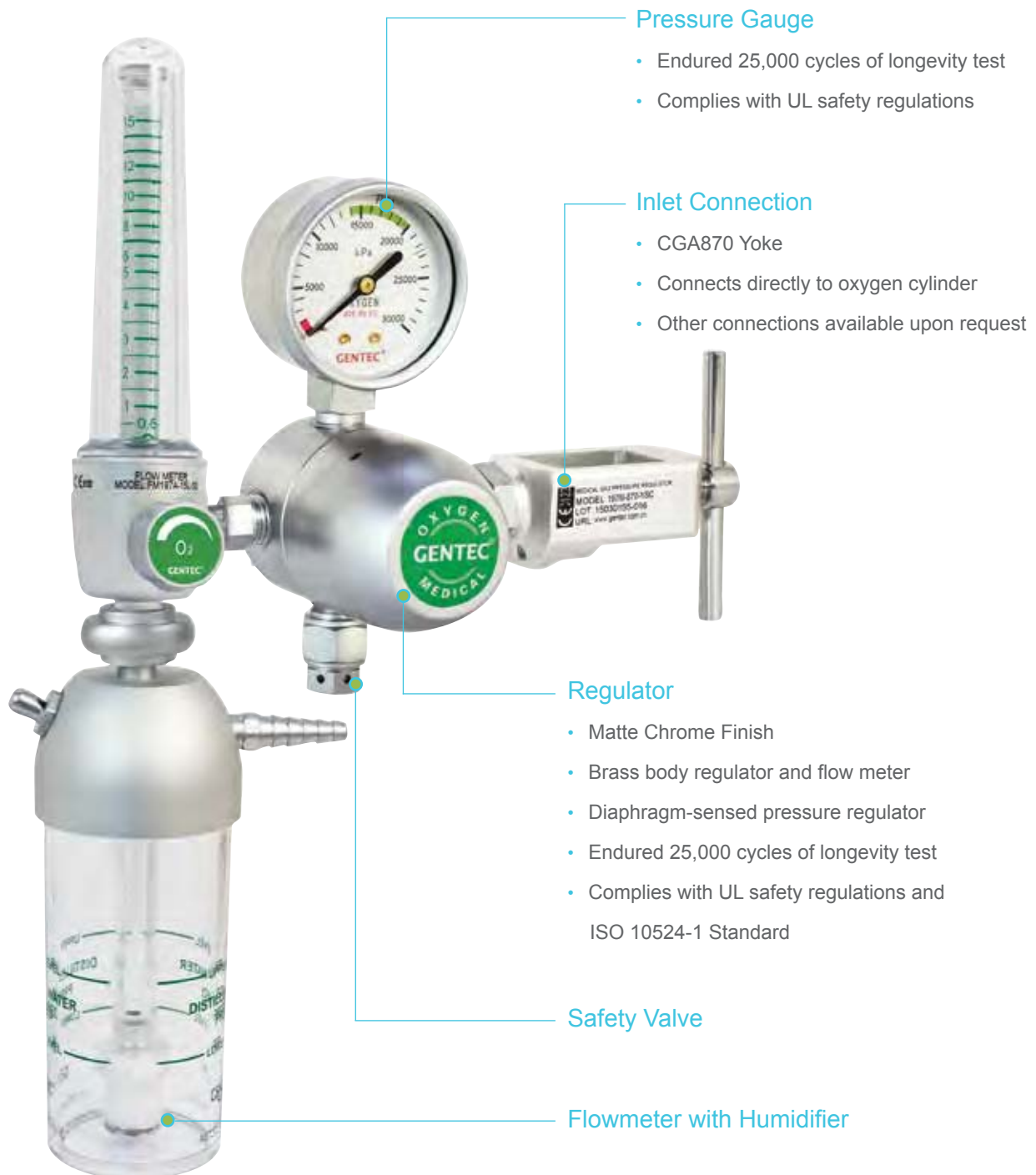
				
FM293-200CC-X	FM293-1L-X	FM293-3L-X	FM293-16L-X	FM293-16L-Q
FM893-200CC-X1-XX	FM893-1L-X1-XX	FM893-3L-X1-XX	FM893-16L-X1-XX	FM893-16L-Q1-XX
FM893-200CC-X2-XX	FM893-1L-X2-XX	FM893-3L-XL2-XX	FM893-16L-X2-XX	FM893-75L-Q2-XX
FM893-200CC-X3-XX	FM893-1L-X3-XX	FM893-3L-XL3-XX	FM893-16L-X3-XX	FM893-75L-Q3-XX
FM863-200CC-X1-XX	FM863-1L-X1-XX	FM863-3L-X1-XX	FM863-16L-X1-XX	FM863-16L-Q1-XX

see  
previous  
page for  
complete  
table

\* XX: Inlet adapter (00, OH, DS, DH, CH, PB, FS, GS, BS, JIS, SIS). Example: FMD191-15L-OH

\*\* For 65 psi calibration pressure, see page 5 and page 6

## Oxygen Flowmeter Regulators with Humidifiers



Oxygen Safe. Complies with the following tests for oxygen safety standards.

1. AS 3840.1 Ignition Testing: Appendix E Ignition Testing with Section 15.2.1 Storage Temperatures.
2. ISO 10524-1 Part 1: Pressure regulators and pressure regulators with flow-metering devices. Section 6.6 Resistance to ignition.
3. ASTM G175 Phase 1 Oxygen Pressure Shock Test
4. CGA E-7 Section 6.8.3



## Oxygen Flowmeter Regulators with Humidifiers

CE  
0123



891M

- Chrome-plated brass body regulator
- Piston-type regulator design
- Back-pressure compensated flowmeter
- For use with oxygen cylinder



895M

- Chrome-plated brass body regulator
- Diaphragm-type design
- Back-pressure compensated flowmeter
- For use with oxygen cylinder



897M

- Matte-chrome brass body regulator
- Diaphragm-type design
- Back-pressure compensated flowmeter
- For use with oxygen cylinder

## Ordering Information

Model Number	Delivery Flow	Inlet Connection	Working Pressure	Pressure Gauge	Inlet Pressure
891M-15L	0-15L	CGA 540 Nut	50 psi	1.5"	3000 psi
895M-15L	0-15L	CGA 540 Nut	50 psi	2"	3000 psi
897M-15L	0-15L	CGA 540 Nut	50 psi	2"	3000 psi
891M-15LH	0-15L	CGA 540 Handwheel	50 psi	1.5"	3000 psi
895M-15LH	0-15L	CGA 540 Handwheel	50 psi	2"	3000 psi
897M-15LH	0-15L	CGA 540 Handwheel	50 psi	2"	3000 psi
891M-15LY	0-15L	CGA 870 Yoke	50 psi	1.5"	3000 psi
895M-15LY	0-15L	CGA 870 Yoke	50 psi	2"	3000 psi
897M-15LY	0-15L	CGA 870 Yoke	50 psi	2"	3000 psi
891M-15LBS	0-15L	BS 341 NO.3	50 psi	1.5"	3000 psi
895M-15LBS	0-15L	BS 341 NO.3	50 psi	2"	3000 psi
897M-15LBS	0-15L	BS 341 NO.3	50 psi	2"	3000 psi
891M-15LBSH	0-15L	BS 341 NO.3 Handwheel	50 psi	1.5"	3000 psi
895M-15LBSH	0-15L	BS 341 NO.3 Handwheel	50 psi	2"	3000 psi
897M-15LBSH	0-15L	BS 341 NO.3 Handwheel	50 psi	2"	3000 psi
891M-15LDIN	0-15L	DIN 477 NO.9	50 psi	1.5"	3000 psi
895M-15LDIN	0-15L	DIN 477 NO.9	50 psi	2"	3000 psi
897M-15LDIN	0-15L	DIN 477 NO.9	50 psi	2"	3000 psi

\* For 65 psi calibration pressure, see page 5 and page 6

## Oxygen Flowmeter Regulators



191M-15L

Piston-type Regulator with Flowmeter and CGA540 Nut and Nipple Inlet



195M-15L

Diaphragm-type Regulator with Flowmeter and CGA540 Nut and Nipple Inlet



### Features

- Back-pressure compensated flowmeters
- 3000 psi maximum inlet pressure
- Flow range: 0~15 LPM
- For use with oxygen cylinders
- Meets ignition testing for oxygen service
- CE listed



197M-15L

Diaphragm-type Regulator with Flowmeter and CGA540 Nut and Nipple Inlet

### Ordering Information

Model Number	Delivery Flow	Inlet Connection	Working Pressure	Body Material
191M-15L	0-15 LPM	CGA 540	50 psi	Chrome-plated Brass
197M-15L	0-15 LPM	CGA 540	50 psi	Matte Chrome-plated Brass
195M-15L	0-15 LPM	CGA 540	50 psi	Chrome-plated Brass

\* For 65 psi calibration pressure, see page 5 and page 6

## Heliox Flowmeter Regulators

Heliox Flowmeter Regulators are designed for use in respiratory urgent care and respiratory treatment purposes. The GENTEC® Heliox Flowmeter Regulator is calibrated for 80/20 heliox (80% helium / 20% oxygen). Use our heliox flowmeter regulator to avoid the conversion errors that occur when using standard oxygen or air flowmeters.

### Features

- Flowmeter calibrated for heliox 80/20 mixture
- Back-pressure compensated
- Polycarbonate tubes for longer service life
- Chrome-plated brass body
- Maximum inlet pressure: 3000 psi
- 2" pressure gauge for easy reading



197HX-12L

Heliox Flowmeter Regulator  
with CGA280 Inlet

### Ordering Information

Model Number	Delivery Flow	Inlet Connection	Working Pressure	Body Material
191M-15LY	0-15 LPM	CGA 870 Yoke	50 psi	Chrome-plated Brass
197M-15LY	0-15 LPM	CGA 870 Yoke	50 psi	Matte Chrome-plated Brass
195M-15LY	0-15 LPM	CGA 870 Yoke	50 psi	Chrome-plated Brass
197M-12L	0-12 LPM	CGA 280	50 psi	Matte Chrome-plated Brass

\* International connections optional: BS 341 no.3 add "-BS", DIN 477 no.9 add "-GS", JIS 22-R add "-JS"  
Example: 191M-15L-GS for DIN 477 no.9 inlet connection

## 195 Series Medical Gas Regulators



**195MG-5-870**  
Flow Gauge Regulator with Rear  
Entry Gauges and CGA870 Yoke Inlet



**195MA-5-870**  
Flow Gauge Regulator with CGA870 Yoke Inlet

### Features

- Regulator for medical gas supply from cylinder
- Chrome-plated brass body
- 3000 psi maximum inlet pressure
- 1-1/2" diameter gauges
- Internal relief valve

- Diaphragm-type regulator design
- Sintered inlet filter for longer service life
- Dual scale pressure gauge: psi and kPa
- Adjustable setting
- CE listed



**195M-540D**  
Diaphragm-type Regulator without Flowmeter,  
with CGA540 Nut and Nipple Inlet

### Features

- Regulator for medical gas supply from cylinder
- Chrome-plated brass body
- 3000 psi maximum inlet pressure
- Outlet pressure: 30 ~ 90 psi
- 1-1/2" diameter gauges
- Internal relief valve
- Diaphragm-type regulator design
- Sintered inlet filter for longer service life
- Dual scale pressure gauge: psi and kPa
- Adjustable setting
- CE listed



**195MZ-O2-GS-HB4**  
Diaphragm-type Regulator without Flowmeter,  
with Hose Barb and GS Inlet

### Features

- Regulator for medical gas supply from terminal
- Chrome-plated brass body
- 200 psi maximum inlet pressure
- Outlet pressure: 0 ~ 40 psi
- 2" diameter gauges
- Internal relief valve
- Diaphragm-type regulator design
- Sintered inlet filter for longer service life
- Dual scale pressure gauge: psi and kPa
- Adjustable setting
- CE listed

## 230 Series Medical Gas Regulators



230M-5-CGA540-M



230M-8-CGA870



230M-5-CGA540-L



230M-8-CGA870

### Features

- Chrome-plated brass body
- 3000 psi maximum inlet pressure
- 1-1/2" diameter gauges
- Internal relief valve
- Piston-type regulator design
- Sintered inlet filter for longer service life
- Dual scale pressure gauge: psi and kPa
- With choice of DISS connection
- Hose barb adapter included
- Fixed orifice



# OXYGEN THERAPY

Medical Gas Regulators

Solutions for Life

## Medical Gas Regulators and Various Joint Combination

Connectors	Medical Regulators					
	 195M	 195MG	 195MA	 230M-XX-XXX	 230M-XX-XXX-M	 230M-XX-XXX-L
 CGA (Screw Thread)	195M-XX-540 195M-XX-346 195M-XX-326 195M-XX-280	195MG-XX-540 195MG-XX-346 195MG-XX-326 195MG-XX-280	195MA-XX-540 195MA-XX-346 195MA-XX-326 195MA-XX-280	230M-XX-540 230M-XX-346 230M-XX-326 230M-XX-280	230M-XX-540-M 230M-XX-346-M 230M-XX-326-M 230M-XX-280-M	230M-XX-540-L 230M-XX-346-L 230M-XX-326-L 230M-XX-280-L
 CGA (Handwheel)	195M-XX-540H 195M-XX-346H 195M-XX-326H 195M-XX-280H	195MG-XX-540H 195MG-XX-346H 195MG-XX-326H 195MG-XX-280H	195MA-XX-540H 195MA-XX-346H 195MA-XX-326H 195MA-XX-280H	230M-XX-540H 230M-XX-346H 230M-XX-326H 230M-XX-280H	230M-XX-540H-M 230M-XX-346H-M 230M-XX-326H-M 230M-XX-280H-M	230M-XX-540H-L 230M-XX-346H-L 230M-XX-326H-L 230M-XX-280H-L
 CGA (Yoke)	195M-XX-870 195M-XX-950 195M-XX-910 195M-XX-965 195M-XX-890 195M-XX-930	195MG-XX-870 195MG-XX-950 195MG-XX-910 195MG-XX-965 195MG-XX-890 195MG-XX-930	195MA-XX-870 195MA-XX-950 195MA-XX-910 195MA-XX-965 195MA-XX-890 195MA-XX-930	230M-XX-870 230M-XX-950 230M-XX-910 230M-XX-965 230M-XX-890 230M-XX-930	230M-XX-870-M 230M-XX-950-M 230M-XX-910-M 230M-XX-965-M 230M-XX-890-M 230M-XX-930-M	230M-XX-870-L 230M-XX-950-L 230M-XX-910-L 230M-XX-965-L 230M-XX-890-L 230M-XX-930-L
 DIN (447)	195M-XX-DIN9 195M-XX-DIN13 195M-XX-DIN11 195M-XX-DIN12	195MG-XX-DIN9 195MG-XX-DIN13 195MG-XX-DIN11 195MG-XX-DIN12	195MA-XX-DIN9 195MA-XX-DIN13 195MA-XX-DIN11 195MA-XX-DIN12	230M-XX-DIN9 230M-XX-DIN13 230M-XX-DIN11 230M-XX-DIN12	230M-XX-DIN9-M 230M-XX-DIN13-M 230M-XX-DIN11-M 230M-XX-DIN12-M	230M-XX-DIN9-M 230M-XX-DIN13-M 230M-XX-DIN11-M 230M-XX-DIN12-M
 BS (341) (Screw Thread)	195M-XX-BS3 195M-XX-BS13	195MG-XX-BS3 195MG-XX-BS13	195MA-XX-BS3 195MA-XX-BS13	230M-XX-BS3 230M-XX-BS13	230M-XX-BS3-M 230M-XX-BS13-M	230M-XX-BS3-L 230M-XX-BS13-L
 BS (341) (Handwheel)	195M-XX-BS3H 195M-XX-BS13H	195MG-XX-BS3H 195MG-XX-BS13H	195MA-XX-BS3H 195MA-XX-BS13H	230M-XX-BS3H 230M-XX-BS13H	230M-XX-BS3H-M 230M-XX-BS13H-M	230M-XX-BS3H-L 230M-XX-BS13H-L

## Ordering Information

Ex: 195MZ - O2		- GS		- HB4
Series	Gases	Inlet Connection		Outlet Connection
195MZ	O2: Oxygen AIR: Medical Air N2O: Nitrous Oxide CO2: Carbon Dioxide N2: Nitrogen	OH: Ohmeda® adapter (male) DH: DISS Handwheel adapter (male) CH: Chemetron® adapter (male) FS: French (NF S 90-116) adapter (male) GS: German (DIN 13260-2) adapter (male) BS: British (BS5682-1998) adapter (male) JIS: Japanese Style adapter (male) SIS: Australian (AS2896) adapter (male)	DS: DISS hex adapter (male) NS: NIST adapter PB: Puritan-Bennett® adapter (male)	HB4: 1/4" hose bar HB5: 5/16" hose bar FDS: DISS outlet

Ex: 195M		G	- 15	- CGA540
Series	Inlet Type	Flow Gauge	CGA Connector	
195M	None: Standard G: With Outlet Connector and Pressure Gauge A: Axial inlet	None: Without Flow Gauge 5: 5L 15: 15L	CGA540 CGA580 ..... See below table	

Ex: 230M		- 15	- 540	- M
Series	Flow / Pressure Type	CGA Connector	Inlet Connector Length	
230M	5: 5L 8: 8L 15: 15L 45: 45L 50 P: 50 psi	540: CGA540 870: CGA870 ..... See below table	None: Standard M: 2" Length L: 6" Length	

## Gas Connection Table

Gas	CGA (Screw Thread)	CGA (Handwheel)	CGA (Yoke)	DIN (447)	BS (Screw Thread) (341)	BS (Handwheel) (341)
						
O <sub>2</sub>	BP-CGA540	BP-CGA540H	CGA870-2	BP-DIN477-9	BP-BS341-3	BP-BS341-3H
AIR	BP-CGA346	-	CGA950-2	BP-DIN477-13	BP-BS341-3	BP-BS341-3H
He	BP-CGA580	-	CGA930-2	-	-	-
NE	BP-CGA580	-	-	-	-	-
N <sub>2</sub>	BP-CGA580	-	CGA960-2	-	-	-
N <sub>2</sub> O	BP-CGA326	-	CGA910-2	-	-	-
CO <sub>2</sub>	BP-CGA320	-	CGA940-2	-	-	-
O <sub>2</sub> +N <sub>2</sub> O	BP-CGA280	-	CGA965-2	-	-	-
He <sub>2</sub> +O <sub>2</sub>	BP-CGA280	-	CGA890-2 CGA930-2	-	-	-

## 284, 285 Series Oxygen Aluminum Medical Gas Regulators



284MA-15LY  
Click-Style Regulator with Hose Barb Outlet  
and CGA 870 Yoke Inlet



285MA-15L1  
Click-Style Regulator with Hose Barb, one DISS Power  
Take Off Outlet and CGA 540 Nut and Nipple Inlet

### Features

- Oxygen use
- Aluminum body with brass high pressure chamber
- 3000 psi maximum inlet pressure
- 1-1/2" diameter UL-listed gauge
- Complies to CGA standards
- Internal relief valve
- Hose barb outlet
- Piston design regulator
- Sintered bronze inlet filter for longer service life
- Easy to read flow rate window



285MA-8LY  
Mini Click-Style Regulator with Hose Barb Outlet



## 287, 288 Series Medical Air Aluminum Medical Gas Regulators



287MA-15LY  
Click-Style Regulator with Hose Barb Outlet  
and CGA 950 Yoke Inlet



287MA-15L-BS  
Click-Style Regulator with Hose Barb, BS Connection and Nipple Inlet

### Features



- Medical air use
- Aluminum body with brass high pressure chamber
- 3000 psi maximum inlet pressure
- 1-1/2" diameter UL-listed gauge
- Complies to CGA standards
- Internal relief valve
- Hose barb outlet
- Piston-type design regulator
- Sintered bronze inlet filter for longer service life
- Easy to read flow rate window



288MA-8LY  
Mini Click-Style Regulator with Hose Barb Outlet

## 284, 285 Series Oxygen Aluminum Medical Gas Regulators 287, 288 Series Medical Air Aluminum Medical Gas Regulators

### Ordering Information

	Model Number	Flow Settings (LPM)	DISS Outlet (s)	Delivery Pressure	Inlet connection*
<b>Click-Style Oxygen / Air Regulators</b>					
	284MA-4L / 287MA-4L	0, 0.25, 0.5, 0.75, 1, 1.25, 1.5, 2, 2.5, 3, 3.5, 4	-	50 psi	CGA 540 / CGA346
	284MA-8L / 287MA-8L	0, 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6, 7, 8	-	50 psi	CGA 540 / CGA346
	284MA-15L / 287MA-15L	0, 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 10, 15	-	50 psi	CGA 540 / CGA346
	284MA-25L / 287MA-25L	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	-	50 psi	CGA 540 / CGA346
	284MA-15L1 / 287MA-15L1	0, 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 10, 15	1	50 psi	CGA 540 / CGA346
	284MA-25L1 / 287MA-25L1	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	1	50 psi	CGA 540 / CGA346
	284MA-15L2 / 287MA-15L2	0, 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 10, 15	2	50 psi	CGA 540 / CGA346
	284MA-25L2 / 287MA-25L2	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	2	50 psi	CGA 540 / CGA346
	284MA-4LY / 287MA-4LY	0, 0.25, 0.5, 0.75, 1, 1.25, 1.5, 2, 2.5, 3, 3.5, 4	-	50 psi	CGA 870 / CGA950
	284MA-8LY / 287MA-8LY	0, 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6, 7, 8	-	50 psi	CGA 870 / CGA950
	284MA-15LY / 287MA-15LY	0, 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 10, 15	-	50 psi	CGA 870 / CGA950
	284MA-25LY / 287MA-25LY	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	-	50 psi	CGA 870 / CGA950
	284MA-15LY1 / 287MA-15LY1	0, 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 10, 15	1	50 psi	CGA 870 / CGA950
	284MA-25LY1 / 287MA-25LY1	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	1	50 psi	CGA 870 / CGA950
	284MA-15LY2 / 287MA-15LY2	0, 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 10, 15	2	50 psi	CGA 870 / CGA950
	284MA-25LY2 / 287MA-25LY2	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	2	50 psi	CGA 870 / CGA950
<b>Mini Click-Style Oxygen / Air Regulators</b>					
	285MA-4L / 288MA-4L	0, 0.25, 0.5, 0.75, 1, 1.25, 1.5, 2, 2.5, 3, 3.5, 4	-	50 psi	CGA 540 / CGA346
	285MA-8L / 288MA-8L	0, 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6, 7, 8	-	50 psi	CGA 540 / CGA346
	285MA-15L / 288MA-15L	0, 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 10, 15	-	50 psi	CGA 540 / CGA346
	285MA-25L / 288MA-25L	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	-	50 psi	CGA 540 / CGA346
	285MA-4LY / 288MA-4LY	0, 0.25, 0.5, 0.75, 1, 1.25, 1.5, 2, 2.5, 3, 3.5, 4	-	50 psi	CGA 870 / CGA950
	285MA-8LY / 288MA-8LY	0, 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6, 7, 8	-	50 psi	CGA 870 / CGA950
	285MA-15LY / 288MA-15LY	0, 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 10, 15	-	50 psi	CGA 870 / CGA950
	285MA-25LY / 288MA-25LY	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	-	50 psi	CGA 870 / CGA950

\* International connections optional: BS 341 no.3 add "-BS", DIN 477 no.9 add "-GS", JIS 22-R add "-JS"

Example: 284MA-15L-GS for DIN 477 no.9 inlet connection

## 286 Series Brass Medical Gas Regulators



**286MB-15LY2**  
Click-Style Regulator with Hose Barb Outlet,  
two DISS Outlets and CGA 870 Yoke Inlet

### Features

- Oxygen use
- Chrome-plated brass body
- 3000 psi maximum inlet pressure
- 1-1/2" diameter UL-listed gauge
- Complies to CGA standards
- Internal relief valve
- Hose barb outlet
- Piston design regulator
- Sintered bronze inlet filter for longer service life
- Easy to read flow rate window
- Meets ignition testing for oxygen service

### Ordering Information

	Model Number	Flow Settings (LPM)	DISS Outlet (s)	Delivery Pressure	Inlet connection*
	286MB-4L	0, 0.25, 0.5, 0.75, 1, 1.25, 1.5, 2, 2.5, 3, 3.5, 4	-	50 psi	CGA 540
	286MB-8L	0, 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6, 7, 8	-	50 psi	CGA 540
	286MB-15L	0, 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 10, 15	-	50 psi	CGA 540
	286MB-25L	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	-	50 psi	CGA 540
	286MB-15L1	0, 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 10, 15	1	50 psi	CGA 540
	286MB-25L1	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	1	50 psi	CGA 540
	286MB-15L2	0, 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 10, 15	2	50 psi	CGA 540
	286MB-25L2	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	2	50 psi	CGA 540
	286MB-4LY	0, 0.25, 0.5, 0.75, 1, 1.25, 1.5, 2, 2.5, 3, 3.5, 4	-	50 psi	CGA 870
	286MB-8LY	0, 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6, 7, 8	-	50 psi	CGA 870
	286MB-15LY	0, 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 10, 15	-	50 psi	CGA 870
	286MB-25LY	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	-	50 psi	CGA 870
	286MB-15LY1	0, 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 10, 15	1	50 psi	CGA 870
	286MB-25LY1	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	1	50 psi	CGA 870
	286MB-15LY2	0, 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 10, 15	2	50 psi	CGA 870
	286MB-25LY2	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	2	50 psi	CGA 870
	286MB-2CK	-	2	50 psi	CGA 540

\* International connections optional: BS 341 no.3 add "-BS", DIN 477 no.9 add "-GS", JIS 22-R add "-JS"  
Example: 284MA-15L-GS for DIN 477 no.9 inlet connection

# OXYGEN THERAPY

Air / oxygen blenders

Solutions for Life

## Air / Oxygen Blenders

**NEW**

### Durable Housing

- The curved surface is smooth and easy to clean

### Slide Mount

- Easily mounted with the mounting bracket



### Primary Outlet

- CGA V-5 1240 (DISS) connector
- With check valve
- Compatible with GENTEC flowmeter

### Control Knob

- Ergonomic design provides smooth and easy control
- Easy adjustment of oxygen concentration from 21% to 100%

### Color Coding

- Available in both NFPA 99 and ISO 32 Color Code



### Auxiliary Outlet

- CGA V-5 1240 (DISS) connector
- With check valve
- Compatible with GENTEC flowmeter

### Oxygen Inlet

- USA standard: CGA V-5 1240 (DISS) oxygen connector
- ISO standard: ISO 5359 A8 (NIST) oxygen connector
- Compatible with GENTEC medical hose

### Air Inlet

- USA standard: CGA V-5 1160 (DISS) air connector
- ISO standard: ISO 5359 A3 (NIST) air connector
- Compatible with GENTEC medical hose

## Features

- Suitable for use in Emergency Room and ICU where accurate oxygen concentration is required
- Double-ended proportioning valve enables easy adjustment of oxygen concentration from 21% to 100%.
- Two-stage pressure-balancing mechanism is adopted to deliver steady oxygen concentration.
- Two outlet ports and bleed valve allow a wide range of applications
- Internal bypass and alarm mechanism ensure safe use.
- Accuracy:  $\pm 3\%$  FS



## Ordering Information

GMX30	U -	AIR/O2-	NS &	P15	A6 &	OH	3
Model Number	Color Code	Gas Code	Default Connections	Primary Flowmeter	Auxiliary Flowmeter	Hose Assemblies	Hose Length
GMX30 (5~30 LPM)	E: ISO 32 U: NFPA 99 (USA)	AIR/O2	Null: Default Connections * DS: ISO Color Code with DISS Inlet Connector NS: NFPA 99 Color Code with NIST Inlet Connector	Null: No Flowmeter P6: 0~6 LPM P15: 0~15 LPM	Null: No Flowmeter A1: 0~1 LPM A3: 0~3 LPM A6: 0~6 LPM A15: 0~15 LPM	Null: None Connection to Gas Outlets OH: Ohmeda® Adapter FS: 3105 (FS ) Series Adapter GS: 3106 (GS ) Series Adapter BS: 3107 (BS ) Series Adapter JIS: 3108 (JIS ) Series Adapter SIS: 3109 (SIS ) Series Adapter	3: 3 M
GMX120 (15~120 LPM)			* Default connections for "E" ISO 32 color code uses NIST inlet connection and default connections for "U" NFPA 99 color code uses DISS inlet connection	Null: No Flowmeter P50: 0~50 LPM	Null: No Flowmeter A50: 0~50LPM	Connection to Regulators DS: DISS Adapter	

## Accessories



FM897-15L(ASD-L)  
Left Flowmeter,  
DISS Handwheel adapter



FM897-15L(ASD-R)  
Right Flowmeter,  
DISS Handwheel adapter

Hose Assemblies (USA)



34U-OXY-FDS/XX-L      34U-AIR-DS/XX-L

Hose Assemblies (ISO)



34I-OXY-NS/XX-L      34I-AIR-NS/XX-L

Wall Slide



SJ-CLP Rail Clamp      CLP-D40-45 Rail Mount      3910-Sld Console Slide      3820-Sld Wall Slide

Adapter



F-DISS-Ø22

Condensation Trap



## Portable Oxygen Kit

- Portable oxygen kit is the perfect solution for outdoor activities
- Includes a small aluminum oxygen cylinder with a 284M oxygen regulator, nasal oxygen tube, and carrying bag



Model Number	Delivery Pressure	Liters	Weight	Working Hours
GMK-2.5	50 psi	2.5L	11 lbs	2 h

## Cylinder Valves

GMV-870T    GMV-870W    GMV-965W    GMV-CGA540



Model Number	Inlet Connection	Outlet Connection
GMV-870T	3/4"-16UNF	CGA870
GMV-870W	3/4"-16UNF	CGA870
GMV-965W	3/4"-16UNF	CGA965
GMV-CGA540	3/4"-16UNF	CGA540

Note: Please contact Genstar Technologies Company, Inc. for more information.

## Refilling Bridge

- Fill gas to small cylinders



CRB-CGA540-CGA870  
Refilling Bridge with CGA540 Inlet  
Connection, CGA870 Outlet Connection

## Cylinder Wrench CGA 870



27-MCW870



## Aluminum Cylinders



Model Number	Mfg No.	Oxygen Cubic ft.	Capacity Liters*	Outer Diameter		Height		Empty Weight	
				in	mm	in	mm	lb	kg
CYLM4-8T	M4	4	113	3	76.2	9	228.6	1.6	0.7
CYLM6-8T	M6	5.8	164.5	3.21	81.41	11.8	299	2.2	1
CYLM6A-8T	M6A	6	171.1	4.38	111.13	7.8	198.12	2.8	1.3
CYLM9-8T	M9 "C"	8.8	248.4	4.38	111.13	10.6	270	3.7	1.7
CYLM D-8T	MD "D"	14.6	414.6	4.38	111.13	16.2	411.2	4.9	2.2
CYLMJD-8T	JD	22.9	647.1	5.25	133.35	17.1	435.1	8.9	4
CYLM E-8T	E	24.1	682.2	4.38	111.13	25.2	639.8	7.3	3.3
CYLM60-8T	M60	60.9	1723.6	7.5	184.15	23.5	569.9	22.5	10.2
CYLM M-8T	MM	121.9	3452.5	8	203.2	36.3	922.3	40	18.1

## Carbon Composite Cylinders



Model Number	Mfg No.	Oxygen Cubic ft.	Capacity Liters*	Outer Diameter		Height		Empty Weight	
				in	mm	in	mm	lb	kg
CMCM6-8T	M6	6.4	183	3.3	85	9.9	251	1.5	0.7
CMCM9-8T	M9 "C"	8.6	244	3.3	84	12.2	310	1.7	0.8
CMCMD-8T	MD "D"	15.4	437	4	10	14.7	373	2.9	1.3
CMCJD-8T	JD	21.6	616	4.5	114	15.5	394	3.3	1.5
CMCME-8T	ME	24.1	687	4.5	114	17.2	437	3.7	1.7
CMCM60-8T	M60	66	1867	6.8	172	20.7	526	9.3	4.2

\*Approximate gaseous liters when calculated with 2000 psi pressure in cylinder for oxygen

## Medical Hoses and Adapters

### Medical Hoses

#### Features

- Available in a variety of gases
- Available in USA and ISO colors
- Maximum working pressure: 200 psi
- Length: 100 m



34GR



34WH



34YE



34BL



35GY



35PU



34BW



35RO

### Ordering Information

Model	Standard	Color	USA Color Service	ISO Color Service
34E-Green	1/4"	Green	Oxygen	/
34E-White	1/4"	White	/	Oxygen
34E-Yellow	1/4"	Yellow	Medical Air	/
34E-Blue	1/4"	Blue	Nitrous Oxide	Nitrous Oxide
34E-Grey	1/4"	Grey	Carbon Dioxide	Carbon Dioxide
34E-Black	1/4"	Black	Nitrogen	Nitrogen
34E-Black+White	1/4"	White+Black	/	Medical Air
35E-White	5/16"	White	Vacuum	/
35E-Yellow	5/16"	Yellow	/	Vacuum
35E-Rose	5/16"	Rose	/	AGSS
35E-Purple	5/16"	Purple	WAGD	/



## Medical Hoses and Adapters

### Features

- Designed for centralized medical gas distribution in hospitals, operating rooms, dental offices and clinics
- Connector: Ohmeda, DISS, Chemetron, Puritan-Bennett, FS, GS, BS
- Maximum working pressure: 200 psi
- Connector is made by brass or stainless steel
- Available in custom lengths and configurations add the length required with "-xx"

example: For a 1/4" green medical hose with ohmeda adapter (male) and DISS Handwheel adapter (male), Oxygen with a 10 Meter hose  
Mode number: 34U-OXY-OH-DH-10



## Ordering Information

Ex: 34	U	- OXY	- OH - DS	- 15
Hose	Color Code	Gas Code	Inlet / Outlet Connection	Hose Length
34: 1/4"	U: USA standard	OXY: Oxygen	OH: Ohmeda® adapter (male)	0.5: 0.5 m
35: 5/16"	I: ISO standard	VAC: Vacuum	DS: DISS hex adapter (male)	1: 1 m
		AIR: Medical Air	DH: DISS Handwheel adapter (male)	1.5: 1.5 m
		N2O: Nitrous Oxide	NS: NIST adapter	2: 2 m
		WAGD: WAGD	CH: Chemetron® adapter (male)	2.5: 2.5 m
		CO2: Carbon Dioxide	PB: Puritan-Bennett® adapter (male)	3: 3 m
		N2: Nitrogen	FS: French (NF S 90-116) adapter (male)	3.5: 3.5 m
		A8: Driving Tool Air	GS: German (DIN 13260-2) adapter (male)	4: 4 m
			BS: British (BS5682-1998) adapter (male)	4.5: 4.5 m
			JIS: Japanese Style adapter (male)	5: 5 m
			SIS: Australian (AS2896) adapter (male)	5.5: 5.5 m
			FOH: Ohmeda® coupler (female)	6: 6 m
			FDS: DISS hex coupler (female)	
			FDH: DISS Handwheel coupler (female)	
			FGS: German (DIN 13260-2) coupler (female)	
			FBS: British (BS5682-1998) coupler (female)	
			FJIS: Japanese Style coupler (female)	
			FSIS: Australian (AS2896) coupler (female)	
			Leave blank for no adapters	

Special lengths can be ordered.

# OXYGeN THeRAPHY

Accessories

Solutions for Life

## Medical Adapters

### Features

- Medical gas adapters are for use to connect medical gas devices to medical gas terminals.
- Suitable for medical gas and vacuum (negative pressure)
- Adapter material is chrome-plated brass or stainless steel
- Gas specific adapters

## Ohmeda® Adapters
















Ohmeda®					
USA Standard	Oxygen	Vacuum	Medical Air	Nitrous Oxide	WAGD
1/8" NPT	 3111U-OXY-NT2	 3111U-VAC-NT2	 3111U-AIR-NT2	 3111E-N2O-NT2	 3111U-WAG-NT2
1/4" or 5/16" Hose Barb	 3111U-OXY-HB4	 3111U-VAC-HB5	 3111U-AIR-HB4	 3111U-N2O-HB4	 3111U-WAG-HB4
ISO Standard	Oxygen	Vacuum	Medical Air	Nitrous Oxide	WAGD
1/8" NPT	 3111E-OXY-NT2	 3111E-VAC-NT2	 3111E-AIR-NT2	 3111E-N2O-NT2	
1/4" or 5/16" Hose Barb	 3111E-OXY-HB4	 3111E-VAC-HB5	 3111E-AIR-HB4	 3111U-N2O-HB4	 3111E-WAGD-HB5

## Chemetron® Adapters

























Chemetron®					
USA Standard	Oxygen	Vacuum	Medical Air	Nitrous Oxide	WAGD
 1/8" NPT	 3103-OXY-NT2	 3103-VAC-NT2	 3103-AIR-NT2	 3103-N2O-NT2	 3103-WAG-NT2
ISO Standard	Oxygen	Vacuum	Medical Air	Nitrous Oxide	WAGD
	 3103E-OXY-NT2	 3103E-VAC-NT2	 3103E-AIR-NT2	 3103-N2O-NT2	

Note: If the panel is too large, you cannot directly use the machine lock. The HB need use NT2 + FNT2-HB.

## Puritan-Bennett® Adapters

Puritan Bennett®					
	Oxygen	Vacuum	Medical Air	Nitrous Oxide	WAGD
1/8" NPT					
Chrome-plated Brass	3104-OXY-NT2	3104-VAC-NT2	3104-AIR-NT2	3104-N2O-NT2	3104-WAG-NT2
Stainless Steel	3114-OXY-NT2	3114-VAC-NT2	3114-AIR-NT2	3114-N2O-NT2	/
1/4" or 5/16" Hose Barb					
Chrome-plated Brass	3104-OXY-HB4	3104-VAC-HB5	3104-AIR-HB4	3104-N2O-HB4	3104-WAG-HB5
Stainless Steel	3114-OXY-HB4	3114-VAC-HB5	3114-AIR-HB4	3114-N2O-HB4	3114-WAGD-HB5

## DISS Hex Adapters

DISS Hex				
	Oxygen	Vacuum	Medical Air	Nitrous Oxide
1/8" NPT				
	3102-OXY-NT2	3102-VAC-NT2	3102-AIR-NT2	3102-N2O-NT2
1/4" or 5/16" Hose Barb				
	3102L-OXY-HB4	3102L-VAC-HB5	3102L-AIR-HB4	3102L-N2O-HB4
DISS Hex				
	WAGD	Carbon Dioxide	Nitrogen	Instrument Air
1/8" NPT				
	3102-WAG-NT2	3102-CO2-NT2	3102-NIT-NT2	3102-IA-NT2
1/4" or 5/16" Hose Barb				
	3102L-WAGD-HB5	3102L-CO2-HB4	3102L-NIT-HB4	3102L-IA-HB4






















# OXYGEN THERAPY

Accessories

Solutions for Life

## Medical Gas Adapters

### DISS Manual Adapters (USA Standard)

DISS Manual				
USA Standard	Oxygen	Vacuum	Medical Air	Nitrous Oxide
1/8" NPT	 3222-OXY-NT2	 3222U-VAC-NT2	 3222U-AIR-NT2	 3222E-AIR-NT2
1/4" or 5/16" Hose Barb	 3222-OXY-HB4	 3222U-VAC-HB5(wh)	 3222U-AIR-HB4	 3222E-N2O-HB4
DISS Manual				
USA Standard	WAGD	Carbon Dioxide	Nitrogen	Instrument Air
1/8" NPT	 3222-WAG-NT2	 3222E-CO2-NT2	 3222E-NIT-NT2	 3222-IA-NT2
1/4" or 5/16" Hose Barb	 3222-WAG-HB5	 3222E-CO2-HB4	 3222E-NIT-HB4	 3222-IA-HB4

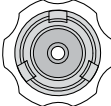


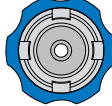








### DISS Manual Adapters (ISO Standard)

DISS Manual				
ISO Standard	Oxygen	Vacuum	Medical Air	Nitrous Oxide
1/8" NPT	 3222E-OXY-NT2	 3222E-VAC-NT2	 3222E-AIR-NT2	 3222E-AIR-NT2
1/4" or 5/16" Hose Barb	 3222E-OXY-HB4	 3222E-VAC-HB5	 3222E-AIR-HB4	 3222E-N2O-HB4
DISS Manual				
ISO Standard	WAGD	Carbon Dioxide	Nitrogen	Instrument Air
1/8" NPT	 3222E-WAG-NT2	 3222E-CO2-NT2	 3222E-NIT-NT2	 3222-IA-NT2
1/4" or 5/16" Hose Barb	 3222E-WAG-HB5	 3222E-CO2-HB4	 3222E-NIT-HB4	 3222-IA-HB4













## DISS Adapter with Check Valve

DISS	Oxygen	Vacuum	Medical Air	Nitrous Oxide
1/8" NPT with Check Valve	 DISS-O-NT2-CHK	 DIDD-V-1/8MNPT	 DISS-A-NT2/chk	 DISS-N-NT2/chk
1/4" or 5/16" Hose Barb	 DISS-O-HB4	 DISS-V-HB5	 DISS-A-HB4	 DISS-2-HB4

## FS Adapters

FS				
	Oxygen	Vacuum	Medical Air	Nitrous Oxide
1/8" NPT	 3105E-O-NT2	 3105E-V-NT2	 3105E-A-NT2	 3105E-2-NT2
1/4" or 5/16" Hose Barb	 3105E-O-HB4	 3105E-V-HB5	 3105E-A-HB4	 3105E-2-HB4

## SIS Adapters

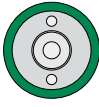
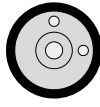
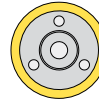
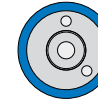








SIS				
	Oxygen	Vacuum	Medical Air	Nitrous Oxide
1/8" NPT	 3109-OXY-NT2	 3109-VAC-NT2	 3109-AIR-NT2	 3109-N2O-NT2
1/4" or 5/16" Hose Barb	 3109-OXY-HB4	 3109-VAC-HB5	 3109-AIR-HB4	 3109-N2O-HB4

# OXYGEN THERAPY



Accessories

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## JIS Adapters






















JIS				
	Oxygen	Vacuum	Medical Air	Nitrous Oxide
1/8" NPT	 3108-OXY-NT2	 3108-VAC-NT2	 3108-AIR-NT2	 3108-N2O-NT2
1/4" or 5/16" Hose Barb	 3108-OXY-HB4H	 3108-VAC-HB5H	 3108-AIR-HB4H	 3108-N2O-HB4H

## GS Adapters

GS							
	Oxygen	Vacuum	Medical Air	Nitrous Oxide	Carbon Dioxide	Nitrogen	Instrument Air
1/4" or 5/16" Hose Barb	 3106-OXY-HB4	 3106-VAC-HB5	 3106-AIR-HB4	 3106-N2O-HB4	 3106-CO2-HB4	 3106-N2-HB4	
1/4" or 5/16" Hose Barb	 3116-OXY-HB4H	 3116-VAC-HB5H	 3116-AIR-HB4H	 3116-N2O-HB4H	 3116-CO2-HB4H	 3116-NIT-HB4H	 3116-AIR8-HB4H

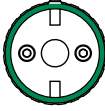


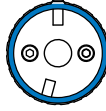








Note: The material of the 3106 series is chrome-plated brass.

## BS Adapters

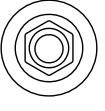













BS							
	Oxygen	Vacuum	Medical Air	Nitrous Oxide	Carbon Dioxide	Nitrogen	Instrument Air
1/8" NPT							
Chrome-plated Brass	3107-OXY-NT2	3107-VAC-NT2	3107-AIR-NT2	3107-N2O-NT2	/	/	/
Stainless Steel	3117-OXY-NT2	3117-VAC-NT2	3117-AIR-NT2	3117-N2O-NT2	3117-CO2-NT2	3117-N2-NT2	3117-MA7-NT2
1/4" or 5/16" Hose Barb							
Chrome-plated Brass	3107-OXY-HB4	3107-VAC-HB5	3107-AIR-HB4	3107-N2O-HB4	/	/	3107-MA7-HB4
Stainless Steel	3117-OXY-HB4	3117-VAC-HB5	3117-AIR-HB4	3117-N2O-HB4	3117-CO2-HB4	3117-N2-HB4	3117-MA7-HB4

## Couplers

### Ohmeda® Couplers

Ohmeda®				
USA Standard	Oxygen	Vacuum	Medical Air	Nitrous Oxide
1/8" NPT	 3911U-O-NT2	 3911U-V-NT2	 3911U-A-NT2	 3911U-2-NT2
1/4" or 5/16" Hose Barb	 3911U-O-HB4	 3911U-V-HB5	 3911U-A-HB4	 3911U-2-HB4

### DIN Couplers

DIN				
ISO Standard	Oxygen	Vacuum	Medical Air	Nitrous Oxide
1/8" NPT	 3916E-O-NT2	 3916E-V-NT2	 3916E-A-NT2	 3916E-2-NT2
1/4" or 5/16" Hose Barb	 3916E-O-HB4	 3916E-V-HB5	 3916E-A-HB4	 3916E-2-HB4
Neutral Color	Oxygen	Vacuum	Medical Air	Nitrous Oxide
1/4" or 5/16" Hose Barb	 3916B-O-HB4	 3916B-V-HB5	 3916E-A-HB4	

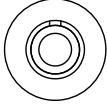
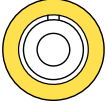

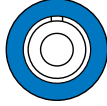








# OXYGEN THERAPY

Accessories

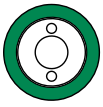
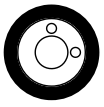
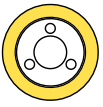
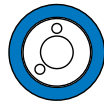








Solutions for Life

## Couplers

### BS Couplers

BS				
ISO Standard	Oxygen	Vacuum	Medical Air	Nitrous Oxide
1/8" NPT	 3917E-O-NT2	 3917E-V-NT2	 3917E-A-NT2	 3917E-2-NT2
1/4" or 5/16" Hose Barb	 3917E-O-HB4	 3917E-V-HB5	 3917E-A-HB4	 3917E-2-HB4

### JIS Couplers

JIS				
JIS Standard	Oxygen	Vacuum	Medical Air	Nitrous Oxide
1/8" NPT	 3918E-O-NT2	 3918E-V-NT2	 3918E-A-NT2	 3918E-2-NT2
1/4" or 5/16" Hose Barb	 3918E-O-HB4	 3918E-V-HB5	 3918E-A-HB4	 3918E-2-HB4



## Medical Gas Adapters

Hose Barb	Convert	DISS / NIST	Others
 <p>3102A-OXY-HB4 / 3102P-OXY-HB4 Christmas Tree (Hose Barb), Aluminum</p>	 <p>1-8FMPT-hose 90° Connector, 1/8"-FNPT</p>	 <p>DISS-A-NT2 Air DISS Aapter, 1/8"-NPT, With Check Valve</p>	 <p>35E-φ 14.2 (5/16") / 34E-φ 13 (1/4") Ferrules &amp; Stainless Steel</p>
 <p>3100E-HB-01(Green), 9/16" UNF Christmas Tree (Hose Barb), Plastic</p>	 <p>NT2-HB4/5 1/8"-NPT, 1/4" (5/16")</p>	 <p>DISS-O-NT2 Oxygen DISS Aapter, 1/8"-NPT, With Check Valve</p>	 <p>R195-63 Hose Clamp Stainless Steel</p>
 <p>3100E-HB-01(White), 9/16" UNF Christmas Tree (Hose Barb), Plastic</p>	 <p>FNT2-HB4/5 1/8"-FNPT, 1/4" (5/16")</p>	 <p>DISS-A-HB4 Air DISS Aapter, 1/4" Hose Barb</p>	 <p>34K-11-13 Hose Clamp Stainless Steel</p>
 <p>NIST-OXY-HB4 / NIST-AIR-HB4 NIST Adapter (Chrome-plated Brass)</p>	 <p>R891M-51 1/8"-NPT</p>	 <p>DISS-O-HB4 Oxygen DISS Aapter, 1/4" Hose Barb</p>	 <p>FMS-2 Security Cable</p>
	 <p>FM-E1/2 1/8"-NPT, 1/8"-FNPT</p>	 <p>NIST-O-NT2 / NIST-A-NT2 NIST Connector(Chrome-plated Brass)</p>	 <p>82601-0006 PTFE Tape</p>
	 <p>FM-E2 2" Length, 1/8"-NPT, 1/8"-FNPT</p>	 <p>NIST-A-HB4 / NIST-O-HB4 NIST Connector(Chrome-plated Brass)</p>	 <p>281MA-21 Washers</p>

# SUCTION THERAPY

Suction Regulators

Solutions for Life

## 88XVR Series Suction Regulators

### Mode Selector Switch

- Clearly marked indicator
- GENTEC® suction regulators are available in continuous only (882 Series) and continuous-intermittent (881 Series)
- 160 mmHg and 200 mmHg are available in pediatric, 300 mmHg is available in adult, and 760 mmHg is available in surgical
- Factory default settings for INT (on / off) cycles on the 881 Series is 8 seconds off, 16 seconds on. On/off settings can be adjusted

### Control Knob

- Easy adjustment of vacuum pressure
- No Leakage
- Agion® Antimicrobial protection
  - Built-in long lasting antimicrobial protection
  - Based on naturally-occurring silver
  - Inhibits growth of microbes on surface of knobs and switches
  - Environmentally friendly technology
  - Broad Regulatory Approvals including EPA, FDA, NSF, USDA, Canada, European BPD, Swiss and EFSA
- Color Coding available in both USA and ISO standard



### Fittings

- GENTEC® provides a wide range of fittings to meet customers' needs



881VR-300D-XX  
Continuous / Intermittent  
0-300 mmHg, digital gauge

### Glow in the Dark Gauge

- 2-1/2" gauge, easy to read
- Color coded flow ranges
- Dual Scale mmHg and kPa
- Clockwise, counter-clockwise or digital gauge mode (features an analog scale in digital mode where a digital reading is on screen and an analog meter on the outer ring)



### Face Cover

- High-quality ABS case body for long durability
- Impact-resistant internal components minimize damage if regulator is bumped or dropped
- Easy to clean, wipe down with sterilant

### Interior Structure


















- Few mechanical parts for easy maintenance
- Corrosion free
- Lightweight

### Suction Trap

- Prevents contamination caused by overflow



\* Agion's silver antimicrobial has been certified for its material content, recyclability, and manufacturing characteristics. Cradle To Cradle Certified CM products meet established standards for human health, environmental health and recyclability. Cradle To Cradle Certified CM is a certification mark of MBDC.

881VR Series Continuous / Intermittent				882VR Series Continuous-only			
Clockwise							
	881VR-160 pediatric	881VR-200 adult	881VR-300 adult	882VR-160 pediatric	882VR-200 adult	882VR-300 adult	882VR-760 surgical
							
Counter-Clockwise							
							
Digital Gauge	881VR-160D pediatric		881VR-300D adult	882VR-160D pediatric		882VR-300D adult	882VR-760D surgical
<b>Mode Selection:</b>							
OFF	√	√	√	√	√	√	√
CONT	√	√	√	√	√	√	√
INT	√	√	√	X	X	X	X
FULL	X	X	X	X	√	√	√
Regulated Vacuum Range	0~160 mmHg	0~200 mmHg	0~300 mmHg	0~160 mmHg	0~200 mmHg	0~300 mmHg	0~760 mmHg
Gauge Display Range	0~160 mmHg	0~200 mmHg	0~300 mmHg	0~160 mmHg	0~200 mmHg	0~300 mmHg	0~760 mmHg
Gauge Accuracy	± 4%	± 4%	± 4%	± 4%	± 4%	± 4%	± 4%
Intermittent Time	Suction: 16 seconds, Stop: 8 seconds			/	/	/	/
Flow Rate	>50 l/min (CONT) 7-9 l/min (INT)	>55 l/min (CONT) 7-9 l/min (INT)	>60 l/min (CONT) 7-9 l/min (INT)	>50 l/min	>55 l/min	>60 l/min	>70 l/min
Weight	1 lb / 0.455 kg			0.81 lb / 0.37 kg			
Dimensions	6.3" H × 3.15" W × 3.94" D / 16 × 8 × 10 cm			6.3" H × 3.15" W × 3.94" D / 16 × 8 × 10 cm			

# sUCTION TheRAPY

Suction Regulators

Solutions for Life

## 88XVR Series Suction Regulators (Range 160)

 <p>Vacuum Connector</p> <p>Sucton Connector</p>	 <p>No Adapter 1/8" NPT (F)</p>	 <p>OH: Omeda® 3111-VAC-NT2</p>	 <p>DH: DISS Hand-tight 3222-VAC-NT2</p>	 <p>DS: DISS Hex 3102-VAC-NT2</p>	 <p>CH: Chemetron® 3103-VAC-NT2</p>
 <p>No Adapter 1/8" NPT (F)</p>	<p>881VR-160-00-A 881VR-160E-00-A 881VR-160D-00-A 882VR-160-00-A 882VR-160E-00-A 882VR-160D-00-A 882VRM-160-00-A 882VRM-160E-00-A</p>	<p>881VR-160-OH-A 881VR-160E-OH-A 881VR-160D-OH-A 882VR-160-OH-A 882VR-160E-OH-A 882VR-160D-OH-A 882VRM-160-OH-A 882VRM-160E-OH-A</p>	<p>881VR-160-DH-A 881VR-160E-DH-A 881VR-160D-DH-A 882VR-160-DH-A 882VR-160E-DH-A 882VR-160D-DH-A 882VRM-160-DH-A 882VRM-160E-DH-A</p>	<p>881VR-160-DS-A 881VR-160E-DS-A 881VR-160D-DS-A 882VR-160-DS-A 882VR-160E-DS-A 882VR-160D-DS-A 882VRM-160-DS-A 882VRM-160E-DS-A</p>	<p>881VR-160-CH-A 881VR-160E-CH-A 881VR-160D-CH-A 882VR-160-CH-A 882VR-160E-CH-A 882VR-160D-CH-A 882VRM-160-CH-A 882VRM-160E-CH-A</p>
 <p>Suction Trap Assembly (complete)</p>	<p>881VR-160-00-T 881VR-160E-00-T 881VR-160D-00-T 882VR-160-00-T 882VR-160E-00-T 882VR-160D-00-T 882VRM-160-00-T 882VRM-160E-00-T</p>	<p>881VR-160-OH-T 881VR-160E-OH-T 881VR-160D-OH-T 882VR-160-OH-T 882VR-160E-OH-T 882VR-160D-OH-T 882VRM-160-OH-T 882VRM-160E-OH-T</p>	<p>881VR-160-DH-T 881VR-160E-DH-T 881VR-160D-DH-T 882VR-160-DH-T 882VR-160E-DH-T 882VR-160D-DH-T 882VRM-160-DH-T 882VRM-160E-DH-T</p>	<p>881VR-160-DS-T 881VR-160E-DS-T 881VR-160D-DS-T 882VR-160-DS-T 882VR-160E-DS-T 882VR-160D-DS-T 882VRM-160-DS-T 882VRM-160E-DS-T</p>	<p>881VR-160-CH-T 881VR-160E-CH-T 881VR-160D-CH-T 882VR-160-CH-T 882VR-160E-CH-T 882VR-160D-CH-T 882VRM-160-CH-T 882VRM-160E-CH-T</p>
 <p>Trap Fitting Only (No Trap)</p>	<p>881VR-160-00-B 881VR-160E-00-B 881VR-160D-00-B 882VR-160-00-B 882VR-160E-00-B 882VR-160D-00-B 882VRM-160-00-B 882VRM-160E-00-B</p>	<p>881VR-160-OH-B 881VR-160E-OH-B 881VR-160D-OH-B 882VR-160-OH-B 882VR-160E-OH-B 882VR-160D-OH-B 882VRM-160-OH-B 882VRM-160E-OH-B</p>	<p>881VR-160-DH-B 881VR-160E-DH-B 881VR-160D-DH-B 882VR-160-DH-B 882VR-160E-DH-B 882VR-160D-DH-B 882VRM-160-DH-B 882VRM-160E-DH-B</p>	<p>881VR-160-DS-B 881VR-160E-DS-B 881VR-160D-DS-B 882VR-160-DS-B 882VR-160E-DS-B 882VR-160D-DS-B 882VRM-160-DS-B 882VRM-160E-DS-B</p>	<p>881VR-160-CH-B 881VR-160E-CH-B 881VR-160D-CH-B 882VR-160-CH-B 882VR-160E-CH-B 882VR-160D-CH-B 882VRM-160-CH-B 882VRM-160E-CH-B</p>
 <p>DISS Male Vacuum</p>	<p>881VR-160-00-C 881VR-160E-00-C 881VR-160D-00-C 882VR-160-00-C 882VR-160E-00-C 882VR-160D-00-C 882VRM-160-00-C 882VRM-160E-00-C</p>	<p>881VR-160-OH-C 881VR-160E-OH-C 881VR-160D-OH-C 882VR-160-OH-C 882VR-160E-OH-C 882VR-160D-OH-C 882VRM-160-OH-C 882VRM-160E-OH-C</p>	<p>881VR-160-DH-C 881VR-160E-DH-C 881VR-160D-DH-C 882VR-160-DH-C 882VR-160E-DH-C 882VR-160D-DH-C 882VRM-160-DH-C 882VRM-160E-DH-C</p>	<p>881VR-160-DS-C 881VR-160E-DS-C 881VR-160D-DS-C 882VR-160-DS-C 882VR-160E-DS-C 882VR-160D-DS-C 882VRM-160-DS-C 882VRM-160E-DS-C</p>	<p>881VR-160-CH-C 881VR-160E-CH-C 881VR-160D-CH-C 882VR-160-CH-C 882VR-160E-CH-C 882VR-160D-CH-C 882VRM-160-CH-C 882VRM-160E-CH-C</p>
 <p>Tubing Nipple (5/16" Hose Barb)</p>	<p>881VR-160-00-D 881VR-160E-00-D 881VR-160D-00-D 882VR-160-00-D 882VR-160E-00-D 882VR-160D-00-D 882VRM-160-00-D 882VRM-160E-00-D</p>	<p>881VR-160-OH-D 881VR-160E-OH-D 881VR-160D-OH-D 882VR-160-OH-D 882VR-160E-OH-D 882VR-160D-OH-D 882VRM-160-OH-D 882VRM-160E-OH-D</p>	<p>881VR-160-DH-D 881VR-160E-DH-D 881VR-160D-DH-D 882VR-160-DH-D 882VR-160E-DH-D 882VR-160D-DH-D 882VRM-160-DH-D 882VRM-160E-DH-D</p>	<p>881VR-160-DS-D 881VR-160E-DS-D 881VR-160D-DS-D 882VR-160-DS-D 882VR-160E-DS-D 882VR-160D-DS-D 882VRM-160-DS-D 882VRM-160E-DS-D</p>	<p>881VR-160-CH-D 881VR-160E-CH-D 881VR-160D-CH-D 882VR-160-CH-D 882VR-160E-CH-D 882VR-160D-CH-D 882VRM-160-CH-D 882VRM-160E-CH-D</p>

 <p>PB: Puritan-Bennett® 3114-VAC-NT2</p>	 <p>FS 3101-VAC-NT2</p>	 <p>GS 3116-VAC-NT2</p>	 <p>BS 3117-VAC-NT2</p>	 <p>JIS 3108-VAC-NT2</p>	 <p>SIS 3109-VAC-NT2</p>
881VR-160-PB-A 881VR-160E-PB-A 881VR-160D-PB-A 882VR-160-PB-A 882VR-160E-PB-A 882VR-160D-PB-A 882VRM-160-PB-A 882VRM-160E-PB-A	881VR-160-FS-A 881VR-160E-FS-A 881VR-160D-FS-A 882VR-160-FS-A 882VR-160E-FS-A 882VR-160D-FS-A 882VRM-160-FS-A 882VRM-160E-FS-A	881VR-160-GS-A 881VR-160E-GS-A 881VR-160D-GS-A 882VR-160-GS-A 882VR-160E-GS-A 882VR-160D-GS-A 882VRM-160-GS-A 882VRM-160E-GS-A	881VR-160-BS-A 881VR-160E-BS-A 881VR-160D-BS-A 882VR-160-BS-A 882VR-160E-BS-A 882VR-160D-BS-A 882VRM-160-BS-A 882VRM-160E-BS-A	881VR-160-JIS-A 881VR-160E-JIS-A 881VR-160D-JIS-A 882VR-160-JIS-A 882VR-160E-JIS-A 882VR-160D-JIS-A 882VRM-160-JIS-A 882VRM-160E-JIS-A	881VR-160-SIS-A 881VR-160E-SIS-A 881VR-160D-SIS-A 882VR-160-SIS-A 882VR-160E-SIS-A 882VR-160D-SIS-A 882VRM-160-SIS-A 882VRM-160E-SIS-A
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881VR-160-PB-D 881VR-160E-PB-D 881VR-160D-PB-D 882VR-160-PB-D 882VR-160E-PB-D 882VR-160D-PB-D 882VRM-160-PB-D 882VRM-160E-PB-D	881VR-160-FS-D 881VR-160E-FS-D 881VR-160D-FS-D 882VR-160-FS-D 882VR-160E-FS-D 882VR-160D-FS-D 882VRM-160-FS-D 882VRM-160E-FS-D	881VR-160-GS-D 881VR-160E-GS-D 881VR-160D-GS-D 882VR-160-GS-D 882VR-160E-GS-D 882VR-160D-GS-D 882VRM-160-GS-D 882VRM-160E-GS-D	881VR-160-BS-D 881VR-160E-BS-D 881VR-160D-BS-D 882VR-160-BS-D 882VR-160E-BS-D 882VR-160D-BS-D 882VRM-160-BS-D 882VRM-160E-BS-D	881VR-160-JIS-D 881VR-160E-JIS-D 881VR-160D-JIS-D 882VR-160-JIS-D 882VR-160E-JIS-D 882VR-160D-JIS-D 882VRM-160-JIS-D 882VRM-160E-JIS-D	881VR-160-SIS-D 881VR-160E-SIS-D 881VR-160D-SIS-D 882VR-160-SIS-D 882VR-160E-SIS-D 882VR-160D-SIS-D 882VRM-160-SIS-D 882VRM-160E-SIS-D

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# sUCTION THeRAPHY

Suction Regulators

Solutions for Life

## 88XVR Series Suction Regulators (Range 200)

 <p>Vacuum Connector</p> <p>Sucton Connector</p>	 <p>No Adapter 1/8" NPT (F)</p>	 <p>OH: Omeda® 3111-VAC-NT2</p>	 <p>DH: DISS Hand-tight 3222-VAC-NT2</p>	 <p>DS: DISS Hex 3102-VAC-NT2</p>	 <p>CH: Chemetron® 3103-VAC-NT2</p>
 <p>No Adapter 1/8" NPT (F)</p>	<p>881VR-200-00-A 882VR-200-00-A 882VRM-200-00-A</p>	<p>881VR-200-OH-A 882VR-200-OH-A 882VRM-200-OH-A</p>	<p>881VR-200-DH-A 882VR-200-DH-A 882VRM-200-DH-A</p>	<p>881VR-200-DS-A 882VR-200-DS-A 882VRM-200-DS-A</p>	<p>881VR-200-CH-A 882VR-200-CH-A 882VRM-200-CH-A</p>
 <p>Suction Trap Assembly (complete)</p>	<p>881VR-200-00-T 882VR-200-00-T 882VRM-200-00-T</p>	<p>881VR-200-OH-T 882VR-200-OH-T 882VRM-200-OH-T</p>	<p>881VR-200-DH-T 882VR-200-DH-T 882VRM-200-DH-T</p>	<p>881VR-200-DS-T 882VR-200-DS-T 882VRM-200-DS-T</p>	<p>881VR-200-CH-T 882VR-200-CH-T 882VRM-200-CH-T</p>
 <p>Trap Fitting Only (No Trap)</p>	<p>881VR-200-00-B 882VR-200-00-B 882VRM-200-00-B</p>	<p>881VR-200-OH-B 882VR-200-OH-B 882VRM-200-OH-B</p>	<p>881VR-200-DH-B 882VR-200-DH-B 882VRM-200-DH-B</p>	<p>881VR-200-DS-B 882VR-200-DS-B 882VRM-200-DS-B</p>	<p>881VR-200-CH-B 882VR-200-CH-B 882VRM-200-CH-B</p>
 <p>DISS Male Vacuum</p>	<p>881VR-200-00-C 882VR-200-00-C 882VRM-200-00-C</p>	<p>881VR-200-OH-C 882VR-200-OH-C 882VRM-200-OH-C</p>	<p>881VR-200-DH-C 882VR-200-DH-C 882VRM-200-DH-C</p>	<p>881VR-200-DS-C 882VR-200-DS-C 882VRM-200-DS-C</p>	<p>881VR-200-CH-C 882VR-200-CH-C 882VRM-200-CH-C</p>
 <p>Tubing Nipple (5/16" Hose Barb)</p>	<p>881VR-200-00-D 882VR-200-00-D 882VRM-200-00-D</p>	<p>881VR-200-OH-D 882VR-200-OH-D 882VRM-200-OH-D</p>	<p>881VR-200-DH-D 882VR-200-DH-D 882VRM-200-DH-D</p>	<p>881VR-200-DS-D 882VR-200-DS-D 882VRM-200-DS-D</p>	<p>881VR-200-CH-D 882VR-200-CH-D 882VRM-200-CH-D</p>

 <p>PB: Puritan-Bennett® 3114-VAC-NT2</p>	 <p>FS 3101-VAC-NT2</p>	 <p>GS 3116-VAC-NT2</p>	 <p>BS 3117-VAC-NT2</p>	 <p>JIS 3108-VAC-NT2</p>	 <p>SIS 3109-VAC-NT2</p>
<p>881VR-200-PB-A 882VR-200-PB-A 882VRM-200-PB-A</p>	<p>881VR-200-FS-A 882VR-200-FS-A 882VRM-200-FS-A</p>	<p>881VR-200-GS-A 882VR-200-GS-A 882VRM-200-GS-A</p>	<p>881VR-200-BS-A 882VR-200-BS-A 882VRM-200-BS-A</p>	<p>881VR-200-JIS-A 882VR-200-JIS-A 882VRM-200-JIS-A</p>	<p>881VR-200-SIS-A 882VR-200-SIS-A 882VRM-200-SIS-A</p>
<p>881VR-200-PB-T 882VR-200-PB-T 882VRM-200-PB-T</p>	<p>881VR-200-FS-T 882VR-200-FS-T 882VRM-200-FS-T</p>	<p>881VR-200-GS-T 882VR-200-GS-T 882VRM-200-GS-T</p>	<p>881VR-200-BS-T 882VR-200-BS-T 882VRM-200-BS-T</p>	<p>881VR-200-JIS-T 882VR-200-JIS-T 882VRM-200-JIS-T</p>	<p>881VR-200-SIS-T 882VR-200-SIS-T 882VRM-200-SIS-T</p>
<p>881VR-200-PB-B 882VR-200-PB-B 882VRM-200-PB-B</p>	<p>881VR-200-FS-B 882VR-200-FS-B 882VRM-200-FS-B</p>	<p>881VR-200-GS-B 882VR-200-GS-B 882VRM-200-GS-B</p>	<p>881VR-200-BS-B 882VR-200-BS-B 882VRM-200-BS-B</p>	<p>881VR-200-JIS-B 882VR-200-JIS-B 882VRM-200-JIS-B</p>	<p>881VR-200-SIS-B 882VR-200-SIS-B 882VRM-200-SIS-B</p>
<p>881VR-200-PB-C 882VR-200-PB-C 882VRM-200-PB-C</p>	<p>881VR-200-FS-C 882VR-200-FS-C 882VRM-200-FS-C</p>	<p>881VR-200-GS-C 882VR-200-GS-C 882VRM-200-GS-C</p>	<p>881VR-200-BS-C 882VR-200-BS-C 882VRM-200-BS-C</p>	<p>881VR-200-JIS-C 882VR-200-JIS-C 882VRM-200-JIS-C</p>	<p>881VR-200-SIS-C 882VR-200-SIS-C 882VRM-200-SIS-C</p>
<p>881VR-200-PB-D 882VR-200-PB-D 882VRM-200-PB-D</p>	<p>881VR-200-FS-D 882VR-200-FS-D 882VRM-200-FS-D</p>	<p>881VR-200-GS-D 882VR-200-GS-D 882VRM-200-GS-D</p>	<p>881VR-200-BS-D 882VR-200-BS-D 882VRM-200-BS-D</p>	<p>881VR-200-JIS-D 882VR-200-JIS-D 882VRM-200-JIS-D</p>	<p>881VR-200-SIS-D 882VR-200-SIS-D 882VRM-200-SIS-D</p>

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# sUCTION THeRAPHY

Suction Regulators

Solutions for Life

## 88XVR Series Suction Regulators (Range 300)

 <p>Vacuum Connector</p> <p>Sucton Connector</p>	 <p>No Adapter 1/8" NPT (F)</p>	 <p>OH: Omeda® 3111-VAC-NT2</p>	 <p>DH: DISS Hand-tight 3222-VAC-NT2</p>	 <p>DS: DISS Hex 3102-VAC-NT2</p>	 <p>CH: Chemetron® 3103-VAC-NT2</p>
 <p>No Adapter 1/8" NPT (F)</p>	<p>881VR-300-00-A 881VR-300E-00-A 881VR-300D-00-A 882VR-300-00-A 882VR-300E-00-A 882VR-300D-00-A 882VRM-300-00-A 882VRM-300E-00-A</p>	<p>881VR-300-OH-A 881VR-300E-OH-A 881VR-300D-OH-A 882VR-300-OH-A 882VR-300E-OH-A 882VR-300D-OH-A 882VRM-300-OH-A 882VRM-300E-OH-A</p>	<p>881VR-300-DH-A 881VR-300E-DH-A 881VR-300D-DH-A 882VR-300-DH-A 882VR-300E-DH-A 882VR-300D-DH-A 882VRM-300-DH-A 882VRM-300E-DH-A</p>	<p>881VR-300-DS-A 881VR-300E-DS-A 881VR-300D-DS-A 882VR-300-DS-A 882VR-300E-DS-A 882VR-300D-DS-A 882VRM-300-DS-A 882VRM-300E-DS-A</p>	<p>881VR-300-CH-A 881VR-300E-CH-A 881VR-300D-CH-A 882VR-300-CH-A 882VR-300E-CH-A 882VR-300D-CH-A 882VRM-300-CH-A 882VRM-300E-CH-A</p>
 <p>Suction Trap Assembly (complete)</p>	<p>881VR-300-00-T 881VR-300E-00-T 881VR-300D-00-T 882VR-300-00-T 882VR-300E-00-T 882VR-300D-00-T 882VRM-300-00-T 882VRM-300E-00-T</p>	<p>881VR-300-OH-T 881VR-300E-OH-T 881VR-300D-OH-T 882VR-300-OH-T 882VR-300E-OH-T 882VR-300D-OH-T 882VRM-300-OH-T 882VRM-300E-OH-T</p>	<p>881VR-300-DH-T 881VR-300E-DH-T 881VR-300D-DH-T 882VR-300-DH-T 882VR-300E-DH-T 882VR-300D-DH-T 882VRM-300-DH-T 882VRM-300E-DH-T</p>	<p>881VR-300-DS-T 881VR-300E-DS-T 881VR-300D-DS-T 882VR-300-DS-T 882VR-300E-DS-T 882VR-300D-DS-T 882VRM-300-DS-T 882VRM-300E-DS-T</p>	<p>881VR-300-CH-T 881VR-300E-CH-T 881VR-300D-CH-T 882VR-300-CH-T 882VR-300E-CH-T 882VR-300D-CH-T 882VRM-300-CH-T 882VRM-300E-CH-T</p>
 <p>Trap Fitting Only (No Trap)</p>	<p>881VR-300-00-B 881VR-300E-00-B 881VR-300D-00-B 882VR-300-00-B 882VR-300E-00-B 882VR-300D-00-B 882VRM-300-00-B 882VRM-300E-00-B</p>	<p>881VR-300-OH-B 881VR-300E-OH-B 881VR-300D-OH-B 882VR-300-OH-B 882VR-300E-OH-B 882VR-300D-OH-B 882VRM-300-OH-B 882VRM-300E-OH-B</p>	<p>881VR-300-DH-B 881VR-300E-DH-B 881VR-300D-DH-B 882VR-300-DH-B 882VR-300E-DH-B 882VR-300D-DH-B 882VRM-300-DH-B 882VRM-300E-DH-B</p>	<p>881VR-300-DS-B 881VR-300E-DS-B 881VR-300D-DS-B 882VR-300-DS-B 882VR-300E-DS-B 882VR-300D-DS-B 882VRM-300-DS-B 882VRM-300E-DS-B</p>	<p>881VR-300-CH-B 881VR-300E-CH-B 881VR-300D-CH-B 882VR-300-CH-B 882VR-300E-CH-B 882VR-300D-CH-B 882VRM-300-CH-B 882VRM-300E-CH-B</p>
 <p>DISS Male Vacuum</p>	<p>881VR-300-00-C 881VR-300E-00-C 881VR-300D-00-C 882VR-300-00-C 882VR-300E-00-C 882VR-300D-00-C 882VRM-300-00-C 882VRM-300E-00-C</p>	<p>881VR-300-OH-C 881VR-300E-OH-C 881VR-300D-OH-C 882VR-300-OH-C 882VR-300E-OH-C 882VR-300D-OH-C 882VRM-300-OH-C 882VRM-300E-OH-C</p>	<p>881VR-300-DH-C 881VR-300E-DH-C 881VR-300D-DH-C 882VR-300-DH-C 882VR-300E-DH-C 882VR-300D-DH-C 882VRM-300-DH-C 882VRM-300E-DH-C</p>	<p>881VR-300-DS-C 881VR-300E-DS-C 881VR-300D-DS-C 882VR-300-DS-C 882VR-300E-DS-C 882VR-300D-DS-C 882VRM-300-DS-C 882VRM-300E-DS-C</p>	<p>881VR-300-CH-C 881VR-300E-CH-C 881VR-300D-CH-C 882VR-300-CH-C 882VR-300E-CH-C 882VR-300D-CH-C 882VRM-300-CH-C 882VRM-300E-CH-C</p>
 <p>Tubing Nipple (5/16" Hose Barb)</p>	<p>881VR-300-00-D 881VR-300E-00-D 881VR-300D-00-D 882VR-300-00-D 882VR-300E-00-D 882VR-300D-00-D 882VRM-300-00-D 882VRM-300E-00-D</p>	<p>881VR-300-OH-D 881VR-300E-OH-D 881VR-300D-OH-D 882VR-300-OH-D 882VR-300E-OH-D 882VR-300D-OH-D 882VRM-300-OH-D 882VRM-300E-OH-D</p>	<p>881VR-300-DH-D 881VR-300E-DH-D 881VR-300D-DH-D 882VR-300-DH-D 882VR-300E-DH-D 882VR-300D-DH-D 882VRM-300-DH-D 882VRM-300E-DH-D</p>	<p>881VR-300-DS-D 881VR-300E-DS-D 881VR-300D-DS-D 882VR-300-DS-D 882VR-300E-DS-D 882VR-300D-DS-D 882VRM-300-DS-D 882VRM-300E-DS-D</p>	<p>881VR-300-CH-D 881VR-300E-CH-D 881VR-300D-CH-D 882VR-300-CH-D 882VR-300E-CH-D 882VR-300D-CH-D 882VRM-300-CH-D 882VRM-300E-CH-D</p>



 <p>PB: Puritan-Bennett® 3114-VAC-NT2</p>	 <p>FS 3101-VAC-NT2</p>	 <p>GS 3116-VAC-NT2</p>	 <p>BS 3117-VAC-NT2</p>	 <p>JIS 3108-VAC-NT2</p>	 <p>SIS 3109-VAC-NT2</p>
881VR-300-PB-A 881VR-300E-PB-A 881VR-300D-PB-A 882VR-300-PB-A 882VR-300E-PB-A 882VR-300D-PB-A 882VRM-300-PB-A 882VRM-300E-PB-A	881VR-300-FS-A 881VR-300E-FS-A 881VR-300D-FS-A 882VR-300-FS-A 882VR-300E-FS-A 882VR-300D-FS-A 882VRM-300-FS-A 882VRM-300E-FS-A	881VR-300-GS-A 881VR-300E-GS-A 881VR-300D-GS-A 882VR-300-GS-A 882VR-300E-GS-A 882VR-300D-GS-A 882VRM-300-GS-A 882VRM-300E-GS-A	881VR-300-BS-A 881VR-300E-BS-A 881VR-300D-BS-A 882VR-300-BS-A 882VR-300E-BS-A 882VR-300D-BS-A 882VRM-300-BS-A 882VRM-300E-BS-A	881VR-300-JIS-A 881VR-300E-JIS-A 881VR-300D-JIS-A 882VR-300-JIS-A 882VR-300E-JIS-A 882VR-300D-JIS-A 882VRM-300-JIS-A 882VRM-300E-JIS-A	881VR-300-SIS-A 881VR-300E-SIS-A 881VR-300D-SIS-A 882VR-300-SIS-A 882VR-300E-SIS-A 882VR-300D-SIS-A 882VRM-300-SIS-A 882VRM-300E-SIS-A
881VR-300-PB-T 881VR-300E-PB-T 881VR-300D-PB-T 882VR-300-PB-T 882VR-300E-PB-T 882VR-300D-PB-T 882VRM-300-PB-T 882VRM-300E-PB-T	881VR-300-FS-T 881VR-300E-FS-T 881VR-300D-FS-T 882VR-300-FS-T 882VR-300E-FS-T 882VR-300D-FS-T 882VRM-300-FS-T 882VRM-300E-FS-T	881VR-300-GS-T 881VR-300E-GS-T 881VR-300D-GS-T 882VR-300-GS-T 882VR-300E-GS-T 882VR-300D-GS-T 882VRM-300-GS-T 882VRM-300E-GS-T	881VR-300-BS-T 881VR-300E-BS-T 881VR-300D-BS-T 882VR-300-BS-T 882VR-300E-BS-T 882VR-300D-BS-T 882VRM-300-BS-T 882VRM-300E-BS-T	881VR-300-JIS-T 881VR-300E-JIS-T 881VR-300D-JIS-T 882VR-300-JIS-T 882VR-300E-JIS-T 882VR-300D-JIS-T 882VRM-300-JIS-T 882VRM-300E-JIS-T	881VR-300-SIS-T 881VR-300E-SIS-T 881VR-300D-SIS-T 882VR-300-SIS-T 882VR-300E-SIS-T 882VR-300D-SIS-T 882VRM-300-SIS-T 882VRM-300E-SIS-T
881VR-300-PB-B 881VR-300E-PB-B 881VR-300D-PB-B 882VR-300-PB-B 882VR-300E-PB-B 882VR-300D-PB-B 882VRM-300-PB-B 882VRM-300E-PB-B	881VR-300-FS-B 881VR-300E-FS-B 881VR-300D-FS-B 882VR-300-FS-B 882VR-300E-FS-B 882VR-300D-FS-B 882VRM-300-FS-B 882VRM-300E-FS-B	881VR-300-GS-B 881VR-300E-GS-B 881VR-300D-GS-B 882VR-300-GS-B 882VR-300E-GS-B 882VR-300D-GS-B 882VRM-300-GS-B 882VRM-300E-GS-B	881VR-300-BS-B 881VR-300E-BS-B 881VR-300D-BS-B 882VR-300-BS-B 882VR-300E-BS-B 882VR-300D-BS-B 882VRM-300-BS-B 882VRM-300E-BS-B	881VR-300-JIS-B 881VR-300E-JIS-B 881VR-300D-JIS-B 882VR-300-JIS-B 882VR-300E-JIS-B 882VR-300D-JIS-B 882VRM-300-JIS-B 882VRM-300E-JIS-B	881VR-300-SIS-B 881VR-300E-SIS-B 881VR-300D-SIS-B 882VR-300-SIS-B 882VR-300E-SIS-B 882VR-300D-SIS-B 882VRM-300-SIS-B 882VRM-300E-SIS-B
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881VR-300-PB-D 881VR-300E-PB-D 881VR-300D-PB-D 882VR-300-PB-D 882VR-300E-PB-D 882VR-300D-PB-D 882VRM-300-PB-D 882VRM-300E-PB-D	881VR-300-FS-D 881VR-300E-FS-D 881VR-300D-FS-D 882VR-300-FS-D 882VR-300E-FS-D 882VR-300D-FS-D 882VRM-300-FS-D 882VRM-300E-FS-D	881VR-300-GS-D 881VR-300E-GS-D 881VR-300D-GS-D 882VR-300-GS-D 882VR-300E-GS-D 882VR-300D-GS-D 882VRM-300-GS-D 882VRM-300E-GS-D	881VR-300-BS-D 881VR-300E-BS-D 881VR-300D-BS-D 882VR-300-BS-D 882VR-300E-BS-D 882VR-300D-BS-D 882VRM-300-BS-D 882VRM-300E-BS-D	881VR-300-JIS-D 881VR-300E-JIS-D 881VR-300D-JIS-D 882VR-300-JIS-D 882VR-300E-JIS-D 882VR-300D-JIS-D 882VRM-300-JIS-D 882VRM-300E-JIS-D	881VR-300-SIS-D 881VR-300E-SIS-D 881VR-300D-SIS-D 882VR-300-SIS-D 882VR-300E-SIS-D 882VR-300D-SIS-D 882VRM-300-SIS-D 882VRM-300E-SIS-D

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# sUCTION THeRAPHY

Suction Regulators

Solutions for Life

## 88XVR Series Suction Regulators (Range 760)

 <p>Vacuum Connector</p> <p>Sucton Connector</p>	 <p>No Adapter 1/8" NPT (F)</p>	 <p>OH: Omeda® 3111-VAC-NT2</p>	 <p>DH: DISS Hand-tight 3222-VAC-NT2</p>	 <p>DS: DISS Hex 3102-VAC-NT2</p>	 <p>CH: Chemetron® 3103-VAC-NT2</p>
 <p>No Adapter 1/8" NPT (F)</p>	<p>882VR-760-00-A 882VR-760E-00-A 882VR-760D-00-A 882VRM-760-00-A 882VRM-760E-00-A</p>	<p>882VR-760-OH-A 882VR-760E-OH-A 882VR-760D-OH-A 882VRM-760-OH-A 882VRM-760E-OH-A</p>	<p>882VR-760-DH-A 882VR-760E-DH-A 882VR-760D-DH-A 882VRM-760-DH-A 882VRM-760E-DH-A</p>	<p>882VR-760-DS-A 882VR-760E-DS-A 882VR-760D-DS-A 882VRM-760-DS-A 882VRM-760E-DS-A</p>	<p>882VR-760-CH-A 882VR-760E-CH-A 882VR-760D-CH-A 882VRM-760-CH-A 882VRM-760E-CH-A</p>
 <p>Suction Trap Assembly (complete)</p>	<p>882VR-760-00-T 882VR-760E-00-T 882VR-760D-00-T 882VRM-760-00-T 882VRM-760E-00-T</p>	<p>882VR-760-OH-T 882VR-760E-OH-T 882VR-760D-OH-T 882VRM-760-OH-T 882VRM-760E-OH-T</p>	<p>882VR-760-DH-T 882VR-760E-DH-T 882VR-760D-DH-T 882VRM-760-DH-T 882VRM-760E-DH-T</p>	<p>882VR-760-DS-T 882VR-760E-DS-T 882VR-760D-DS-T 882VRM-760-DS-T 882VRM-760E-DS-T</p>	<p>882VR-760-CH-T 882VR-760E-CH-T 882VR-760D-CH-T 882VRM-760-CH-T 882VRM-760E-CH-T</p>
 <p>Trap Fitting Only (No Trap)</p>	<p>882VR-760-00-B 882VR-760E-00-B 882VR-760D-00-B 882VRM-760-00-B 882VRM-760E-00-B</p>	<p>882VR-760-OH-B 882VR-760E-OH-B 882VR-760D-OH-B 882VRM-760-OH-B 882VRM-760E-OH-B</p>	<p>882VR-760-DH-B 882VR-760E-DH-B 882VR-760D-DH-B 882VRM-760-DH-B 882VRM-760E-DH-B</p>	<p>882VR-760-DS-B 882VR-760E-DS-B 882VR-760D-DS-B 882VRM-760-DS-B 882VRM-760E-DS-B</p>	<p>882VR-760-CH-B 882VR-760E-CH-B 882VR-760D-CH-B 882VRM-760-CH-B 882VRM-760E-CH-B</p>
 <p>DISS Male Vacuum</p>	<p>882VR-760-00-C 882VR-760E-00-C 882VR-760D-00-C 882VRM-760-00-C 882VRM-760E-00-C</p>	<p>882VR-760-OH-C 882VR-760E-OH-C 882VR-760D-OH-C 882VRM-760-OH-C 882VRM-760E-OH-C</p>	<p>882VR-760-DH-C 882VR-760E-DH-C 882VR-760D-DH-C 882VRM-760-DH-C 882VRM-760E-DH-C</p>	<p>882VR-760-DS-C 882VR-760E-DS-C 882VR-760D-DS-C 882VRM-760-DS-C 882VRM-760E-DS-C</p>	<p>882VR-760-CH-C 882VR-760E-CH-C 882VR-760D-CH-C 882VRM-760-CH-C 882VRM-760E-CH-C</p>
 <p>Tubing Nipple (5/16" Hose Barb)</p>	<p>882VR-760-00-D 882VR-760E-00-D 882VR-760D-00-D 882VRM-760-00-D 882VRM-760E-00-D</p>	<p>882VR-760-OH-D 882VR-760E-OH-D 882VR-760D-OH-D 882VRM-760-OH-D 882VRM-760E-OH-D</p>	<p>882VR-760-DH-D 882VR-760E-DH-D 882VR-760D-DH-D 882VRM-760-DH-D 882VRM-760E-DH-D</p>	<p>882VR-760-DS-D 882VR-760E-DS-D 882VR-760D-DS-D 882VRM-760-DS-D 882VRM-760E-DS-D</p>	<p>882VR-760-CH-D 882VR-760E-CH-D 882VR-760D-CH-D 882VRM-760-CH-D 882VRM-760E-CH-D</p>

 <p>PB: Puritan-Bennett® 3114-VAC-NT2</p>	 <p>FS 3101-VAC-NT2</p>	 <p>GS 3116-VAC-NT2</p>	 <p>BS 3117-VAC-NT2</p>	 <p>JIS 3108-VAC-NT2</p>	 <p>SIS 3109-VAC-NT2</p>
882VR-760-PB-A 882VR-760E-PB-A 882VR-760D-PB-A 882VRM-760-PB-A 882VRM-760E-PB-A	882VR-760-FS-A 882VR-760E-FS-A 882VR-760D-FS-A 882VRM-760-FS-A 882VRM-760E-FS-A	882VR-760-GS-A 882VR-760E-GS-A 882VR-760D-GS-A 882VRM-760-GS-A 882VRM-760E-GS-A	882VR-760-BS-A 882VR-760E-BS-A 882VR-760D-BS-A 882VRM-760-BS-A 882VRM-760E-BS-A	882VR-760-JIS-A 882VR-760E-JIS-A 882VR-760D-JIS-A 882VRM-760-JIS-A 882VRM-760E-JIS-A	882VR-760-SIS-A 882VR-760E-SIS-A 882VR-760D-SIS-A 882VRM-760-SIS-A 882VRM-760E-SIS-A
882VR-760-PB-T 882VR-760E-PB-T 882VR-760D-PB-T 882VRM-760-PB-T 882VRM-760E-PB-T	882VR-760-FS-T 882VR-760E-FS-T 882VR-760D-FS-T 882VRM-760-FS-T 882VRM-760E-FS-T	882VR-760-GS-T 882VR-760E-GS-T 882VR-760D-GS-T 882VRM-760-GS-T 882VRM-760E-GS-T	882VR-760-BS-T 882VR-760E-BS-T 882VR-760D-BS-T 882VRM-760-BS-T 882VRM-760E-BS-T	882VR-760-JIS-T 882VR-760E-JIS-T 882VR-760D-JIS-T 882VRM-760-JIS-T 882VRM-760E-JIS-T	882VR-760-SIS-T 882VR-760E-SIS-T 882VR-760D-SIS-T 882VRM-760-SIS-T 882VRM-760E-SIS-T
882VR-760-PB-B 882VR-760E-PB-B 882VR-760D-PB-B 882VRM-760-PB-B 882VRM-760E-PB-B	882VR-760-FS-B 882VR-760E-FS-B 882VR-760D-FS-B 882VRM-760-FS-B 882VRM-760E-FS-B	882VR-760-GS-B 882VR-760E-GS-B 882VR-760D-GS-B 882VRM-760-GS-B 882VRM-760E-GS-B	882VR-760-BS-B 882VR-760E-BS-B 882VR-760D-BS-B 882VRM-760-BS-B 882VRM-760E-BS-B	882VR-760-JIS-B 882VR-760E-JIS-B 882VR-760D-JIS-B 882VRM-760-JIS-B 882VRM-760E-JIS-B	882VR-760-SIS-B 882VR-760E-SIS-B 882VR-760D-SIS-B 882VRM-760-SIS-B 882VRM-760E-SIS-B
882VR-760-PB-C 882VR-760E-PB-C 882VR-760D-PB-C 882VRM-760-PB-C 882VRM-760E-PB-C	882VR-760-FS-C 882VR-760E-FS-C 882VR-760D-FS-C 882VRM-760-FS-C 882VRM-760E-FS-C	882VR-760-GS-C 882VR-760E-GS-C 882VR-760D-GS-C 882VRM-760-GS-C 882VRM-760E-GS-C	882VR-760-BS-C 882VR-760E-BS-C 882VR-760D-BS-C 882VRM-760-BS-C 882VRM-760E-BS-C	882VR-760-JIS-C 882VR-760E-JIS-C 882VR-760D-JIS-C 882VRM-760-JIS-C 882VRM-760E-JIS-C	882VR-760-SIS-C 882VR-760E-SIS-C 882VR-760D-SIS-C 882VRM-760-SIS-C 882VRM-760E-SIS-C
882VR-760-PB-D 882VR-760E-PB-D 882VR-760D-PB-D 882VRM-760-PB-D 882VRM-760E-PB-D	882VR-760-FS-D 882VR-760E-FS-D 882VR-760D-FS-D 882VRM-760-FS-D 882VRM-760E-FS-D	882VR-760-GS-D 882VR-760E-GS-D 882VR-760D-GS-D 882VRM-760-GS-D 882VRM-760E-GS-D	882VR-760-BS-D 882VR-760E-BS-D 882VR-760D-BS-D 882VRM-760-BS-D 882VRM-760E-BS-D	882VR-760-JIS-D 882VR-760E-JIS-D 882VR-760D-JIS-D 882VRM-760-JIS-D 882VRM-760E-JIS-D	882VR-760-SIS-D 882VR-760E-SIS-D 882VR-760D-SIS-D 882VRM-760-SIS-D 882VRM-760E-SIS-D

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# sUCTION THeRAPHY

Suction Regulator

Solutions for Life

## 880VS Series Venturi Suction Regulator



### Glow in the Dark Gauge

- 2" gauge, easy to read
- Color coded flow ranges
- Dual Scale mmHg and kPa

### Safety Device

- Positive pressure relief valve provides safe use
- ISO 10079-3 Compliant

### Control Knob

- Easy adjustment of vacuum pressure
- No Leakage

### Suction Trap

- Prevents contamination caused by overflow

### Type of Adapter

- None: Without adapter
- OH: Ohmeda® adapter
- DS: DISS hex adapter
- DH: DISS Handwheel adapter
- CH: Chemetron® adapter
- PB: Puritan-Bennett® adapter
- FS: French (NF S 90-116) adapter
- GS: German (DIN 13260-2) adapter
- BS: British (BS5682-1998) adapter
- JIS: Japanese Style adapter
- SIS: Australian (AS2896) adapter

### Venturi Suction

- Delivers steady and high vacuum flow from a medical air or oxygen gas source
- Control Range: -1 kPa ~ -80 kPa

### Suction Connector

- GENTEC® provides a wide range of fittings to meet customers' needs



880VS-760-00-A-T

## Technical Specification

<b>Dimension (H x W x D)</b>	90 x 90 x 60 mm
<b>Weight</b>	490 g
<b>Range</b>	-1 kPa ~ -80 kPa
<b>Maximum Suction</b>	> 25 L / min
<b>Source of Pressure</b>	300 ~ 500 kPa
<b>Vacuum Control</b>	Needle valve control venturi
<b>Vacuum Gauge Range</b>	0 ~ -100 kPa / 0 ~ 760 mmHg

## Ordering Information


Ex: 880VS	- 760	- 00	- A	- T
Series	Measuring Range	Vacuum Connection	Driving Gas	Suction Connection
880VS	760: 0~760 mmHg	00: No adapter, 1/8" NPT (F) OH: 3111U (Ohmeda) adapter DH: 3222U (DISS hand-tight) adapter DS: 3102 (DISS Hex) adapter CH: 3103 (Chemetron) adapter PB: 3104 (Puritan-Bennett) adapter FS: 3105 (FS) adapter GS: 3116 (GS) adapter BS: 3117 (BS) adapter JIS: 3108 (JIS) adapter SIS: 3109 (SIS) adapter	A: Medical Air O: Oxygen	00: No adapter, 1/8" NPT (F) T: With suction trap assembly (complete) TD: With suction trap (complete DISS Female nut) TH: With suction trap (complete DISS female vacuum hand-tight) H: With tubing nipple (5/16" hose barb) D: With DISS male vacuum N: With NIST adapter F: With trap fitting only (no trap)

# sUCTION THeRAPHY

Suction Regulator

Solutions for Life

## 880VS Series Venturi Suction Regulator

 Vacuum Connector  Suction Connector	 <b>No Adapter</b> No Adapter, 1/8" NPT (F)	 OH: Omeda® 3101-OXY-NT2 3111-AIR-NT2	 DH: DISS Hand-tight 3222-OXY-NT2 3222-AIR-NT2	 DS: DISS Hex 3102-OXY-NT2 3102-AIR-NT2	 CH: Chemetron® 3103-OXY-NT2 3103-AIR-NT2
 <b>No Adapter</b> No Adapter, 1/8" NPT (F)	880VS-760-00-A-00 880VS-760-00-O-00	880VS-760-OH-A-00 880VS-760-OH-O-00	880VS-760-DH-A-00 880VS-760-DH-O-00	880VS-760-DS-A-00 880VS-760-DS-O-00	880VS-760-CH-A-00 880VS-760-CH-O-00
 Suction Trap Assembly (complete)	880VS-760-00-A-T 880VS-760-00-O-T	880VS-760-OH-A-T 880VS-760-OH-O-T	880VS-760-DH-A-T 880VS-760-DH-O-T	880VS-760-DS-A-T 880VS-760-DS-O-T	880VS-760-CH-A-T 880VS-760-CH-O-T
 Suction Trap (with DISS female nut & nipple vacuum fitting)	880VS-760-00-A-TD 880VS-760-00-O-TD	880VS-760-OH-A-TD 880VS-760-OH-O-TD	880VS-760-DH-A-TD 880VS-760-DH-O-TD	880VS-760-DS-A-TD 880VS-760-DS-O-TD	880VS-760-CH-A-TD 880VS-760-CH-O-TD
 Suction Trap (with DISS female vacuum hand-tight)	880VS-760-00-A-TH 880VS-760-00-O-TH	880VS-760-OH-A-TH 880VS-760-OH-O-TH	880VS-760-DH-A-TH 880VS-760-DH-O-TH	880VS-760-DS-A-TH 880VS-760-DS-O-TH	880VS-760-CH-A-TH 880VS-760-CH-O-TH
 Tubing Nipple (5/16" Hose Barb)	880VS-760-00-A-H 880VS-760-00-O-H	880VS-760-OH-A-H 880VS-760-OH-O-H	880VS-760-DH-A-H 880VS-760-DH-O-H	880VS-760-DS-A-H 880VS-760-DS-O-H	880VS-760-CH-A-H 880VS-760-CH-O-H
 DISS Male Vacuum	880VS-760-00-A-D 880VS-760-00-O-D	880VS-760-OH-A-D 880VS-760-OH-O-D	880VS-760-DH-A-D 880VS-760-DH-O-D	880VS-760-DS-A-D 880VS-760-DS-O-D	880VS-760-CH-A-D 880VS-760-CH-O-D
 NIST vacuum fitting	880VS-760-00-A-N 880VS-760-00-O-N	880VS-760-OH-A-N 880VS-760-OH-O-N	880VS-760-DH-A-N 880VS-760-DH-O-N	880VS-760-DS-A-N 880VS-760-DS-O-N	880VS-760-CH-A-N 880VS-760-CH-O-N
 Trap Fitting Only (No Trap)	880VS-760-00-A-F 880VS-760-00-O-F	880VS-760-OH-A-F 880VS-760-OH-O-F	880VS-760-DH-A-F 880VS-760-DH-O-F	880VS-760-DS-A-F 880VS-760-DS-O-F	880VS-760-CH-A-F 880VS-760-CH-O-F

 PB: Puritan-Bennett® 3104-OXY-NT2 3114-AIR-NT2	 FS 3101-OXY-NT2 3101-AIR-NT2	 GS 3116-OXY-NT2 3116-AIR-NT2	 BS 3117-OXY-NT2 3117-AIR-NT2	 JIS 3108-OXY-NT2 3108-AIR-NT2	 SIS 3109-OXY-NT2 3109-AIR-NT2
880VS-760-PB-A-00 880VS-760-PB-O-00	880VS-760-FS-A-00 880VS-760-FS-O-00	880VS-760-GS-A-00 880VS-760-GS-O-00	880VS-760-BS-A-00 880VS-760-BS-O-00	880VS-760-JIS-A-00 880VS-760-JIS-O-00	880VS-760-SIS-A-00 880VS-760-SIS-O-00
880VS-760-PB-A-T 880VS-760-PB-O-T	880VS-760-FS-A-T 880VS-760-FS-O-T	880VS-760-GS-A-T 880VS-760-GS-O-T	880VS-760-BS-A-T 880VS-760-BS-O-T	880VS-760-JIS-A-T 880VS-760-JIS-O-T	880VS-760-SIS-A-T 880VS-760-SIS-O-T
880VS-760-PB-A-TD 880VS-760-PB-O-TD	880VS-760-FS-A-TD 880VS-760-FS-O-TD	880VS-760-GS-A-TD 880VS-760-GS-O-TD	880VS-760-BS-A-TD 880VS-760-BS-O-TD	880VS-760-JIS-A-TD 880VS-760-JIS-O-TD	880VS-760-SIS-A-TD 880VS-760-SIS-O-TD
880VS-760-PB-A-TH 880VS-760-PB-O-TH	880VS-760-FS-A-TH 880VS-760-FS-O-TH	880VS-760-GS-A-TH 880VS-760-GS-O-TH	880VS-760-BS-A-TH 880VS-760-BS-O-TH	880VS-760-JIS-A-TH 880VS-760-JIS-O-TH	880VS-760-SIS-A-TH 880VS-760-SIS-O-TH
880VS-760-PB-A-H 880VS-760-PB-O-H	880VS-760-FS-A-H 880VS-760-FS-O-H	880VS-760-GS-A-H 880VS-760-GS-O-H	880VS-760-BS-A-H 880VS-760-BS-O-H	880VS-760-JIS-A-H 880VS-760-JIS-O-H	880VS-760-SIS-A-H 880VS-760-SIS-O-H
880VS-760-PB-A-D 880VS-760-PB-O-D	880VS-760-FS-A-D 880VS-760-FS-O-D	880VS-760-GS-A-D 880VS-760-GS-O-D	880VS-760-BS-A-D 880VS-760-BS-O-D	880VS-760-JIS-A-D 880VS-760-JIS-O-D	880VS-760-SIS-A-D 880VS-760-SIS-O-D
880VS-760-PB-A-N 880VS-760-PB-O-N	880VS-760-FS-A-N 880VS-760-FS-O-N	880VS-760-GS-A-N 880VS-760-GS-O-N	880VS-760-BS-A-N 880VS-760-BS-O-N	880VS-760-JIS-A-N 880VS-760-JIS-O-N	880VS-760-SIS-A-N 880VS-760-SIS-O-N
880VS-760-PB-A-F 880VS-760-PB-O-F	880VS-760-FS-A-F 880VS-760-FS-O-F	880VS-760-GS-A-F 880VS-760-GS-O-F	880VS-760-BS-A-F 880VS-760-BS-O-F	880VS-760-JIS-A-F 880VS-760-JIS-O-F	880VS-760-SIS-A-F 880VS-760-SIS-O-F

see  
previous  
page for  
complete  
table

## Suction Traps

Suction traps prevent contamination caused by overflow

880VT-0	880VT-1	880VT-2	880VT-3
 <p data-bbox="261 963 428 1008">with no fitting on top (1/8" NPT female)</p>	 <p data-bbox="534 963 651 1008">with male trap fitting only</p>	 <p data-bbox="735 963 922 1008">with DISS female nut &amp; nipple vacuum fitting</p>	 <p data-bbox="974 963 1128 1008">with DISS female vacuum hand-tight</p>

880VT-4	880VT-5	880VT-6	880VT-7	880VT-8
 <p data-bbox="272 1780 423 1824">with tubing nipple (5/16" hose barb)</p>	 <p data-bbox="483 1780 699 1824">with complete trap fitting assembly (male &amp; female)</p>	 <p data-bbox="743 1759 911 1824">with complete DISS Female nut &amp; nipple vacuum fitting</p>	 <p data-bbox="974 1759 1128 1824">with complete DISS female vacuum hand-tight</p>	 <p data-bbox="1206 1780 1338 1824">with small filter, disposable</p>



## Suction Gauges

<p>Clockwise</p>	 <p>GR25PM-V160 (0 ~ 160 mmHg)</p>	 <p>GR25PM-V200 (0 ~ 200 mmHg)</p>	 <p>GR25PM-V300 (0 ~ 300 mmHg)</p>	 <p>GR25PM-V760 (0 ~ 760 mmHg)</p>
<p>Counter-Clockwise</p>	 <p>GR25PM-V160-E (0 ~ 160 mmHg)</p>	 <p>GR25PM-V300-E (0 ~ 300 mmHg)</p>	 <p>GR25PM-V760-E (0 ~ 760 mmHg)</p>	

## Venturi Vacuum Modules

### Features

- Designed to work with vacuum regulator
- Small and compact
- With positive pressure relief valve
- With silencer
- Maximum vacuum: 0 ~ 600 mmHg
- Maximum air free flow: 30 L / min
- Noise: < 60 dBa



880VE-X



# sUCTION THeRAPHY

Medical Ejector Suction System

Solutions for Life

## Venturi System



## Ordering Information

Ex: 881VR - 300	E	- VG	A	- 00	- T	- 1L	* 2	
Series	Measuring Range	Pointer Rotate Mode	Suction Generator	Driving Gas	Vacuum Connection	Suction Connection	Canister Volumn	Canister Quantity
881VR	160: 0~160 mmHg	None:	VG: With Venturi	A: Air	00: No adapter	T: Suction trap assembly (complete)	1L: 1L canister	1: one canister
882VR	200: 0~200 mmHg 300: 0~300 mmHg 760: 0~760 mmHg (only for 882VR)	Clockwise, (USA) E: Counter-clockwise (ISO)	Vacuum module None: Without Venturi Vacuum module	O: Oxygen	1/8" NPT (F) FDS: DISS hose barb (USA) FNS: NIST hose barb (ISO)	None: Without suction trap	1.5L: 1.5L canister 2.5L: 2.5L canister	2: two canisters .....

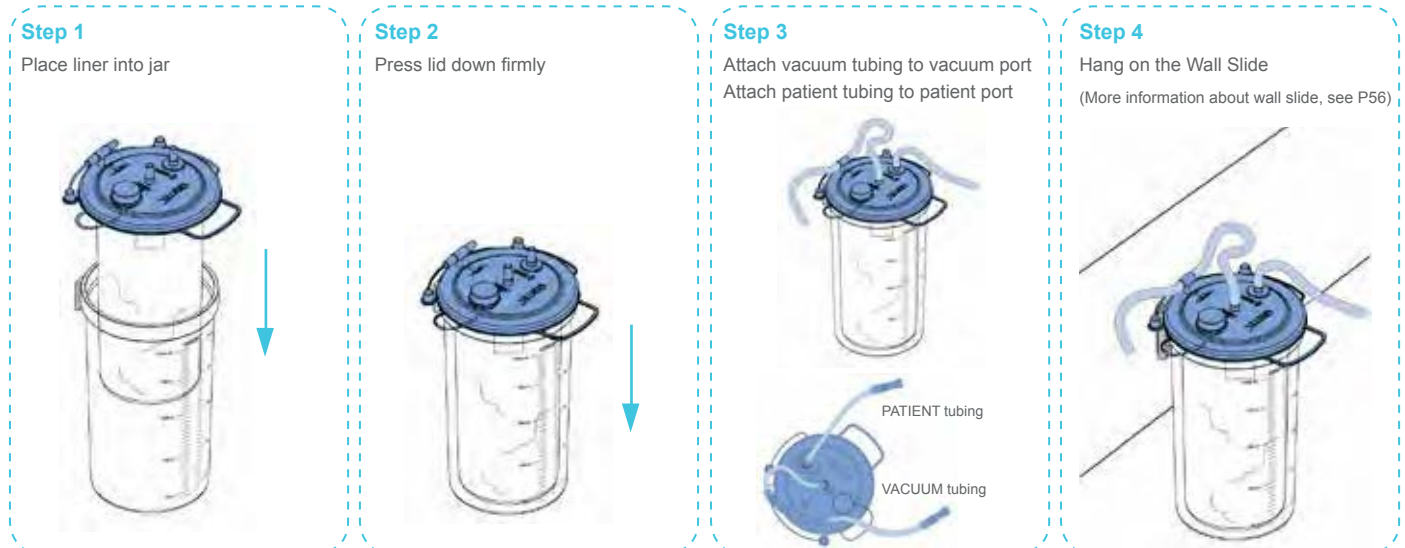
Standard suction hose length is 0.5 m, for other length, please contact GENTEC.

## Disposable Collection

- Constructed with durable polyethylene material
- Used with polycarbonate reusable collection jars
- Liner can be easily disposed and replaced
- Tandem port for multiple canister connections
- Overflow protection and non-return valves prevent backflow
- Can be used with **GENTEC** re-usable collection jar
- Holds 2 liters
- Hose barb inlet and outlet



## Use of Liners



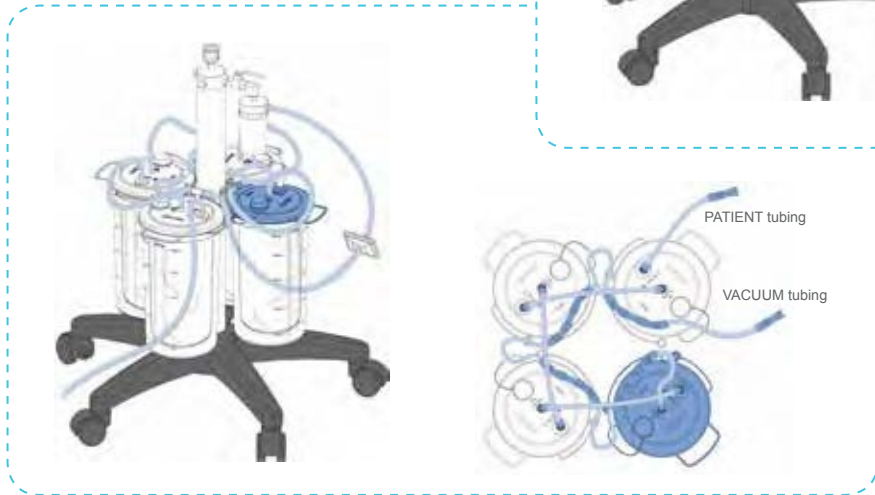
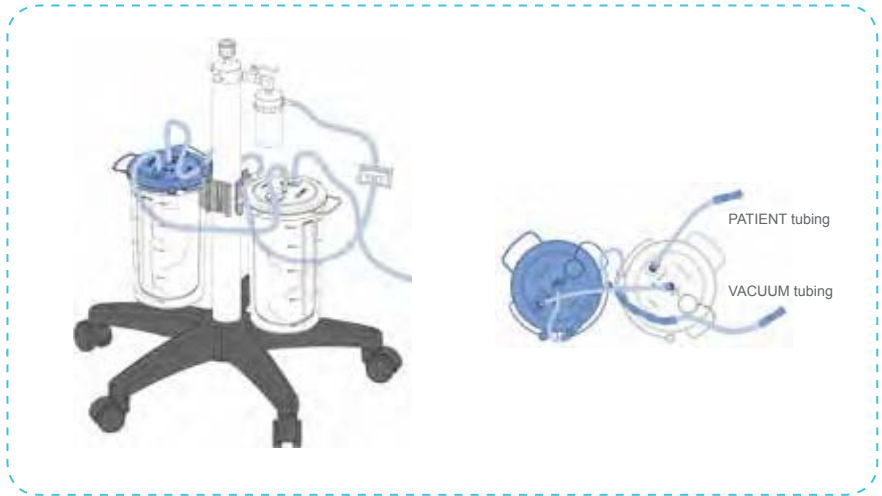
# sUCTION TheRAPY

Accessories

Solutions for Life

## Disposable Collection

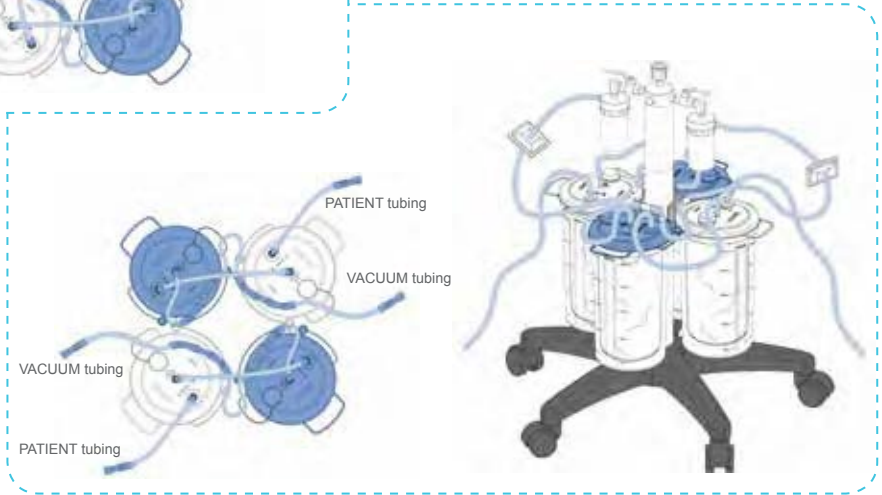
Two Liners Connected in Tandem



Four Liners Connected in Tandem



Four Liners Connected in Tandem



## Ordering Information

DL-2000B	DL-2000W	615-901	615-902	615-903	615-904	615-905
Liner with overflow protection, 2L (Φ 6-8 hose barb)	Liner without overflow protection, 2L (Φ 6-8 hose barb)	Collections Jar, 2L, reusable	Suction hose, 0.35 m with suction tip	Suction hose, 2 m with suction tip	Suction hose, 3 m with suction tip	Suction hose, 10 m without suction tip

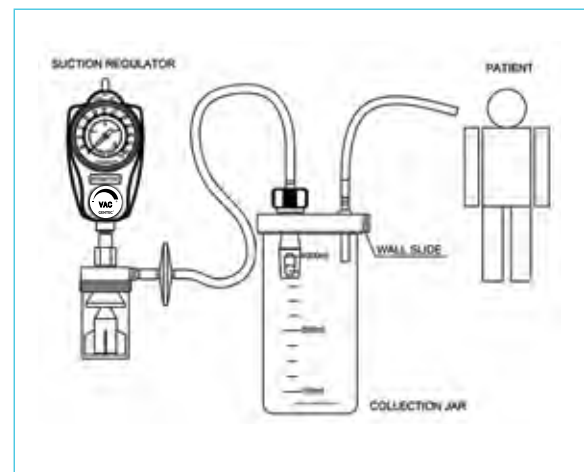
## Reusable Collection

### SJ Series Reusable Jars

- 1 liter, 1.5 liter, and 2.5 liter models available
- The SJ-1000 series comes with a polycarbonate jar and anodized aluminum cover
- The SJ-1500 and SJ-2500 Series comes with polycarbonate jar and cover
- Built-in bracket for use with GENTEC® wall slides
- Polycarbonate jar for maximum durability
- Ball float design prevents overflow
- GENTEC® SJ series reusable canisters are manufactured to be durable and autoclavable (up to 121°C)

### DJ Series Disposable Jars

- 0.85 liter, 1 liter, and 2 liter models available
- comes with polycarbonate jar and cover
- Built-in bracket for use with GENTEC® wall slides
- Ball float design prevents overflow
- Hose barb inlet and outlet



## Ordering Information

Model	SJ Series				DJ Series		
							
Volume	1 L	1 L	1.5 L	2.5 L	0.85 L	1 L	2 L
Overfill Protection Devices	√	√	√	√	√	√	√
Vacuum Connection	DISS	Hose Barb (ϕ 6-8)	Hose Barb (ϕ 6-8)	Hose Barb (ϕ 6-8)	Hose Barb (ϕ 6-8)	Hose Barb (ϕ 6-8)	Hose Barb (ϕ 6-8)
Patient Connection	Hose Barb (ϕ 6-8)						

## Wall Slides

- For use on all surfaces
- Fits GENTEC DJ, SJ & DL series canister



SJ-CLP



CLP-D40-45



3910-Sld



3820-Sld



## Collection Stations

- Designed to support collection jars
- Stable 5-caster base with two locking casters
- Durable construction, easy to clean
- Supports up to 4 canisters
- Includes suction trap for additional safety
- Shut-off valve and canister slides included



810-00(DH) / 810-00(HB)



## Suction Tubings

Model	Description
ST6-4	Suction Tubing 1/4" (6mm), I.D. 4 Meters, Without Suction Tip
ST6-100	Suction Tubing 1/4" (6mm), I.D. 100 Meters, Without Suction Tip
ST8-4	Suction Tubing 5/16" (8mm), I.D. 4 Meters, With Suction Tip
ST8-160	Suction Tubing 5/16" (8mm), I.D. 160 Meters, With Suction Tip



## Disposable Bacteria Filters

- Prevents contamination and fluid from entering the vacuum regulator and vacuum systems
- PVDF special filter material, can effectively filter the virus and bacteria
- Effective filtration area: 32 cm<sup>2</sup>
- Maximum operating temperature: 140 °F (60 °C)
- Maximum operating pressure: -14.5 ~ 14.5 psi
- Filters down to 0.22 micron



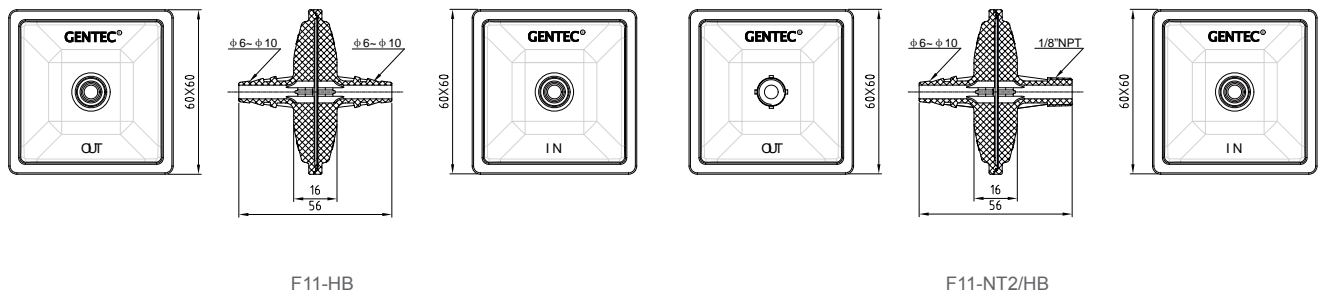
F11-HB



F11-NT2/HB



## Dimensions



F11-HB

F11-NT2/HB

## Ordering Information

Model	Description
F11-NT2/HB-0.45	Hydrophobic, Inlet: 1/4" Hose Barb, Outlet: 1/8" NPT, Filter Accuracy: 0.45µm
F11-NT2/HB-0.22	Hydrophobic, Inlet: 1/4" Hose Barb, Outlet: 1/8" NPT, Filter Accuracy: 0.22µm
F11-HB-0.45	Hydrophobic, Inlet and Outlet: 1/4" Hose Barb, Filter Accuracy: 0.45µm
F11-HB-0.22	Hydrophobic, Inlet and Outlet: 1/4" Hose Barb, Filter Accuracy: 0.22µm



# GENTEC® MEDICAL GAS FLOW SOLUTIONS



①

## Medical Vacuum Systems

GENTEC® Medical Vacuum System is designed to create a steady suction system to remove unwanted fluids or gases from hospital/ laboratory work areas.

②

## Medical Air Systems

GENTEC® Medical Air System is designed to provide medical breathing air and instrument air for hospital and medical institutions

③

## Medical Alarm Systems

GENTEC® Medical Alarm System conducts network monitoring over all the gas source equipments and pipelines in the hospital through the intelligent network monitoring system and analyzes the gas usage in each area.





## *Solutions for Life*



④

### Medical Oxygen Systems

GENTEC® Medical Oxygen System is designed to supply an uninterrupted flow of medical grade oxygen from oxygen manifold system, oxygen generator, or liquid oxygen storage tank etc. The customer can choose the best solution for the application.

⑤

### Medical Pipeline Distribution Systems

GENTEC® Medical Pipeline Distribution System delivers the medical gases to the gas use points in a clean, safe and reliable manner. The copper tubes used for the pipeline system comply with ASTM B819 standard.

⑥

### Medical Gas Outlets

GENTEC® offers a complete line of medical gas outlets, including American, French, British, German, Australian, and Japanese standards etc. The medical gas outlets are UL and CE listed.



## Medical Gas Systems & Devices Overview

- Medical Gas Systems Total Solution
- Source Equipment
- Zone Valve Box & Area Valve Service Unit
- Monitoring Alarm & Control System
- Art Wall Enclosure
- Medical Console Units
- Medical Gas Outlets
- Anaesthetic Gas Scavenging System
- Oxygen Therapy
- Suction Therapy
- Oxygen Concentrator & Nebulizers
- Respiratory Care



## Medical Pipeline System

- Medical Manifold Systems
- Zone Valve Box
- Area Valve Service Unit
- Medical Gas Control Panel
- Medical Check Valves with Extensions
- Medical Alarm Systems
- Medical Art Wall Enclosure
- Medical Bedhead Units
- Medical Gas Outlets



## Medical Alarm System

- GUMACSTM Overview
- Medical Gas Area Alarm
- Medical Gas Master Alarm
- Medical Gas Combination Alarm
- Advanced Applications
- Appendix



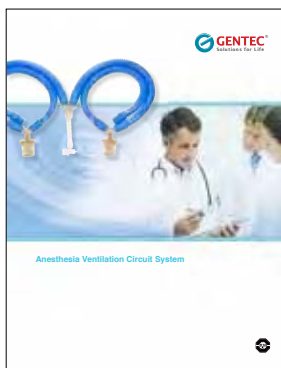
## Portable Nebulizer System

- Nebuhome Nebulizer
- Nebubabe Nebulizer



## Medical Masks

- Non-invasive Ventilation Mask NIV Full Face Mask
- Non-invasive Ventilation Mask NIV Nasal Mask
- Full Face Mask
- Nasal Mask
- Anesthesia Face Mask (Flavor)



## Anesthesia Ventilation Circuit System

- Anesthesia, Breathing Circuit for Adult
- Anesthesia, Breathing Circuit for Child
- Accessories



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