

# Wall Suction Unit



## SUCTION REGULATORS, FLOWMETERS & ACCESSORIES

The World's First Antimicrobial and Environmentally Friendly  
Suction Regulators and Flowmeters

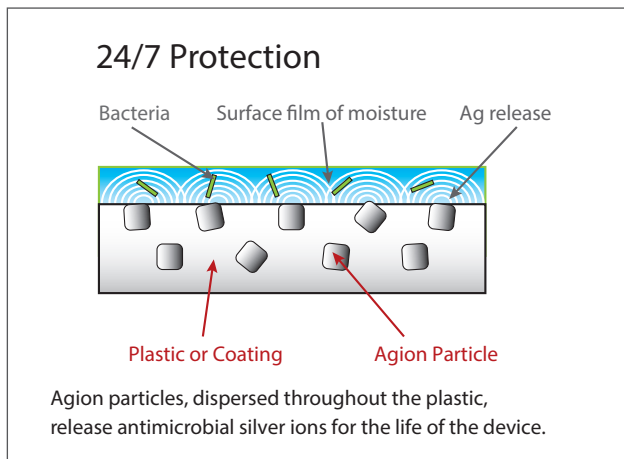


## Suction Regulators and Flowmeters now contain Agion® - Nature's Antimicrobial

The rotary knobs and selector switches of Gentec® suction regulators and flowmeters are made with Agion®, a non-synthetic additive with a non-volatile, naturally occurring silver base.

### Antimicrobial\*\* Attributes

- Continually inhibits the growth of bacteria, mold, mildew and fungi on the rotary knobs and selector switches - for the life of the device



### Environmentally Friendly Agion Additive

- Cradle To Cradle Certified<sup>CM</sup> at the silver level by McDonough Braungart Design Chemistry (MBDC), meeting standards for human safety, environmental safety and recyclability
- Recognized by Leadership in Energy and Environmental Design (LEED) as contributing to green initiatives
- Agion is registered with a broad range of regulatory agencies, including the EPA, FDA, NSF, Health Canada, European BPD, Swiss and EFSA.



**Rotary knobs and selector switches** are made with Agion, a non-synthetic additive with a non-volatile, naturally occurring silver base.

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\*Agion silver antimicrobial additive is EPA registered, and has been certified for its material content, recyclability and manufacturing characteristics. Cradle To Cradle Certified<sup>CM</sup> products meet established standards for human safety, environmental safety and recyclability.

\*\*This product does not protect users or others against disease-causing bacteria.

## Gentec Suction Regulators

- Antimicrobial and environmentally friendly additive in the rotary knobs and selector switches\*
- Extremely durable, with a full 10-year manufacturer's warranty
- Continuous-only and continuous/intermittent designs
- Available with a variety of inlet and outlet fittings and suction trap assemblies

### User-friendly mode selector

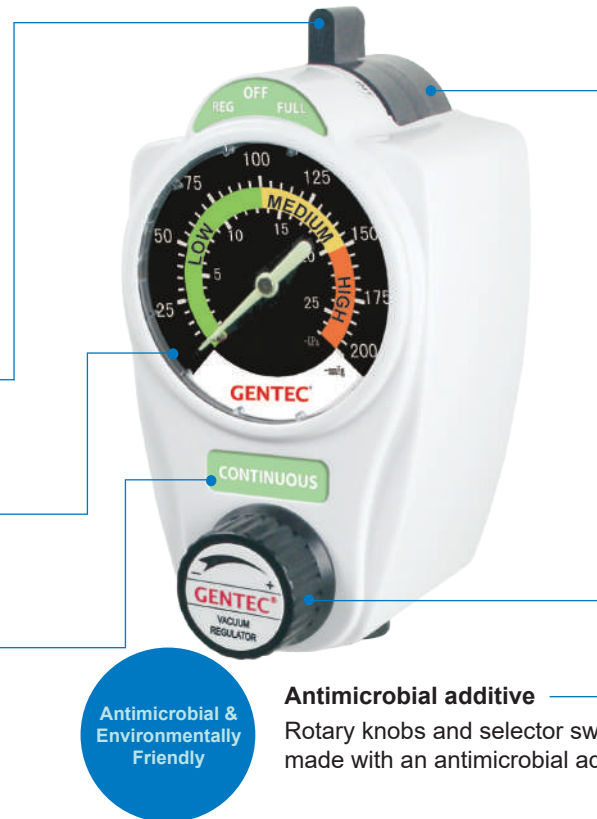
Large user-friendly mode selector switch and a 1.25" (3.2 cm) diameter adjustment knob

### Large diameter gauge and Easy-to-read numbers

Large 2.5" (6.4 cm) diameter gauge with glow-in-the-dark scale and arrow

### Color-coded

Color-coded to help facilities manage inventory and allocation across different departments



Antimicrobial & Environmentally Friendly

### Antimicrobial additive

Rotary knobs and selector switches are made with an antimicrobial additive\*



### Continuous/Intermittent (881 series)

- Available with ranges of 0-160 mmHg, 200 mmHg and 0-300 mmHg
- Settings include continuous, off and intermittent
- Factory default settings for on/off cycles are 16 seconds ( $\pm 2$ ) off; on/off settings can be adjusted without opening the case (controls are not accessible without tools)



### Continuous Only (882 series)

- Available with ranges of 0-160 mmHg, 200 mmHg, 0-300 mmHg and 0-760 mmHg
- Settings include regulated, off and full








































\*This product does not protect users or others against disease-causing bacteria.

## ORDERING MATRIX

Instructions: Select the suction regulator, adapter, fitting, and color (if needed), then write the model number below.

STEPS:	1 Suction Regulator	2 Adapter	3 Fitting	4 Color (Optional)	Model Number
<b>Example:</b>	<b>881VR-160</b>	- <b>OH</b>	- <b>T</b>	- <b>YL</b> =	<b>881VR-160-OH-T-YL</b>
<b>Please Write Your Selection:</b>	_____	+ _____	+ _____	+ _____ =	_____

1 SUCTION REGULATORS	2 ADAPTERS	3 FITTINGS	4 COLORS (OPTIONAL)
 <p><b>881VR-160D</b>   <b>881VR-160</b> Continuous / Intermittent 0-160</p>	 <p>1/8" NPT Female <b>00</b></p>  <p>Chemotron Adapter 3103-VAC-NT2 <b>CH</b></p>	 <p>1/8" NPT Female <b>A</b></p>  <p>Hose Barb 880VR-304 <b>D</b></p>	 <b>Blank (White)</b>  <b>YL (Yellow)</b>  <b>BL (Blue)</b>  <b>RD (Red)</b>  <b>PL (Purple)</b>  <b>PC (Peach)</b>  <b>PK (Pink)</b>  <b>GY (Gray)</b>  <b>GN (Green)</b>  <b>BB (Baby Blue)</b>
 <p><b>882VR-300</b>   <b>881VR-200</b> Continuous / Intermittent 0-300   Continuous / Intermittent 0-200</p>	 <p>Ohio Adapter 3111U-VAC-NT2 <b>OH</b></p>  <p>DISS Hand-Tight Adapter 3222U-VAC-NT2 <b>DH</b></p>	 <p>Trap Fitting 881VR-14K <b>B</b></p>  <p>DISS Male DISS-V-1/8 NTP <b>C</b></p>	
 <p><b>881VR-300D</b>   <b>881VR-300</b> Continuous / Intermittent 0-300</p>	 <p>Puritan-Bennett Adapter 3104-VAC-NT2 <b>PB</b></p>  <p>DISS Nut-Nipple Adapter 3102-VAC-NT2 <b>DS</b></p>	 <p>Complete Suction Trap w/ Trap Fitting 880VT-5 <b>T</b></p>	
 <p><b>881VR-300D</b>   <b>881VR-300</b> Continuous / Intermittent 0-300</p>	 <p>Oxequip Twist Adapter 3311-VAC-NT2 <b>OQ</b></p>  <p>Oxequip Medstar Adapter 3301-VAC-NT2 <b>OE</b></p>	 <p>Complete Suction Trap w/ DISS 880VT-6 <b>TD</b></p>  <p>Complete Suction Trap w/ DISS Hand-Tight 880VT-7 <b>TH</b></p>	
 <p><b>882VR-300D</b>   <b>882VR-300</b> Continuous Only 0-300</p>	<b>ACCESSORIES</b>		
 <p><b>882VR-760D</b>   <b>882VR-760</b> Continuous Only 0-760</p>	 <p>Suction Trap w/ No Fitting on Top <b>880VT-0</b></p>  <p>Suction Trap w/ Male Trap Fitting Only <b>880VT-1</b></p>	 <p>Suction Trap w/ DISS Female Nut &amp; Nipple <b>880VT-2</b></p>  <p>Suction Trap w/ DISS Female Hand-Tight <b>880VT-3</b></p>  <p>Suction Trap w/ Tubing Nipple <b>880VT-4</b></p>	
	 <p>Vacuum Adapter DISS to Hose Barb <b>DISSM-V-HCHK</b></p>	 <p>Extension Adapter 2-1/2" Long <b>EXTADPT-1/8</b></p>	 <p>Security Cable <b>FMS-2</b></p>

## Gentec Flowmeters

- Extremely durable, with a full 5-year manufacturer's warranty
- Needle valves for maximum flow control precision
- For both oxygen and medical air
- Thoroughly tested for accuracy

Antimicrobial &  
Environmentally  
Friendly

**Choose your material**

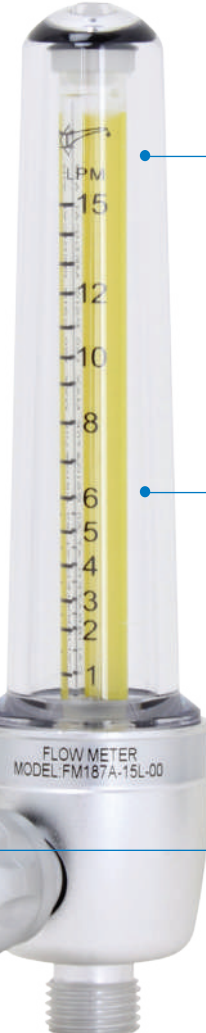
Available in either nickel plated,  
solid brass or aluminum

**Stainless steel ball float**



**Color-coded**

Green color-coding indicates oxygen  
(Available in ISO colors)



**Durable polycarbonate**

Hood and metering tube are made out of durable polycarbonate















**Back-pressure**

All flowmeters are back-pressure compensated

**Color-coded**

Yellow color-coding indicates air  
(Available in ISO colors)

## FLOWMETER ORDERING INFORMATION

<div style="text-align: center;">Flowmeter Type</div> <div style="text-align: center;">Adapter</div>	 <b>Air Flowmeter 0-15 LPM</b>	 <b>Air Flowmeter w/ Power Take-off</b>	 <b>Air Dual Flowmeter 0-15 LPM</b>	 <b>Oxygen Flowmeter 0-15 LPM</b>	 <b>Oxygen w/ Power Take- off</b>	 <b>Oxygen Dual Flowmeter 0-15 LPM</b>
 <i>Standard Inlet 1/8" NPT Female</i>	FM187B-15L-00	FM187B-15L-00-P	FMD187B-15L-00	FM197B-15L-00	FM197B-15L-00-P	FMD197B-15L-00
 <i>OHMEDA Adapter</i>	FM187B-15L-OH	FM187B-15L-OH-P	FMD187B-15L-OH	FM197B-15L-OH	FM197B-15L-OH-P	FMD197B-15L-OH
 <i>CHEMETRON Adapter</i>	FM187B-15L-CH	FM187B-15L-CH-P	FMD187B-15L-CH	FM197B-15L-CH	FM197B-15L-CH-P	FMD197B-15L-CH
 <i>DISS Hand-Tight Nut &amp; Nipple Adapter</i>	FM187B-15L-DH	FM187B-15L-DH-P	FMD187B-15L-DH	FM197B-15L-DH	FM197B-15L-DH-P	FMD197B-15L-DH
 <i>Diss Nut &amp; Nipple Adapter</i>	FM187B-15L-DS	FM187B-15L-DS-P	FMD187B-15L-DS	FM197B-15L-DS	FM197B-15L-DS-P	FMD197B-15L-DS
 <i>Puritan-Bennett Adapter</i>	FM187B-15L-PB	FM187B-15L-PB-P	FMD187B-15L-PB	FM197B-15L-PB	FM197B-15L-PB-P	FMD197B-15L-PB
 <i>Oxequip Medstar Adapter</i>	FM187B-15L-OE	FM187B-15L-OE-P	FMD187B-15L-OE	FM197B-15L-OE	FM197B-15L-OE-P	FMD197B-15L-OE
 <i>Oxequip Twist Adapter</i>	FM187B-15L-OQ	FM187B-15L-OQ-P	FMD187B-15L-OQ	FM197B-15L-OQ	FM197B-15L-OQ-P	FMD197B-15L-OQ

### OPTIONS:

- For aluminum flowmeter, change the B to an A  
(example: FM197B-15L-OH to FM197A-15L-OH)
- For dual flowmeter with 2 power take-offs, add -2P  
(example: FMD197B-15L-OH-2P)
- For ISO flowmeters add an E  
(example: FM197A-15L-OHE)

### SPECIFICATIONS:

<b>Weight (no adapter)</b>	Aluminum Body: 4.24 oz/122 gm Brass Body: 6.64 oz/188 gm
<b>Increment:</b>	0-6 LPM in ½ LPM increment 6-15 LPM in 1 LPM increment
<b>Flush Flow Rate:</b>	65 LPM (depending on supply flow)
<b>Max Inlet Pressure:</b>	100 psig
<b>PTO Flow Rate:</b>	Over 100 LPM (depending on supply flow)

## COUPLER ASSEMBLIES



OHMEDA	
OXYGEN	Y-OXY-CPLR-OH
MEDICAL AIR	Y-AIR-CPLR-OH
VACUUM	Y-VAC-CPLR-OH
N <sub>2</sub> O	Y-N <sub>2</sub> O-CPLR-OH
WAGD	Y-WAG-CPLR-OH
CO <sub>2</sub>	Y-CO <sub>2</sub> -CPLR-OH
NITROGEN	N/A
INSTRUMENT AIR	N/A



CHEMETRON	
OXYGEN	Y-OXY-CPLR-CH
MEDICAL AIR	Y-AIR-CPLR-CH
VACUUM	Y-VAC-CPLR-CH
N <sub>2</sub> O	Y-N <sub>2</sub> O-CPLR-CH
WAGD	Y-WAG-CPLR-CH
CO <sub>2</sub>	Y-CO <sub>2</sub> -CPLR-CH
NITROGEN	N/A
INSTRUMENT AIR	N/A

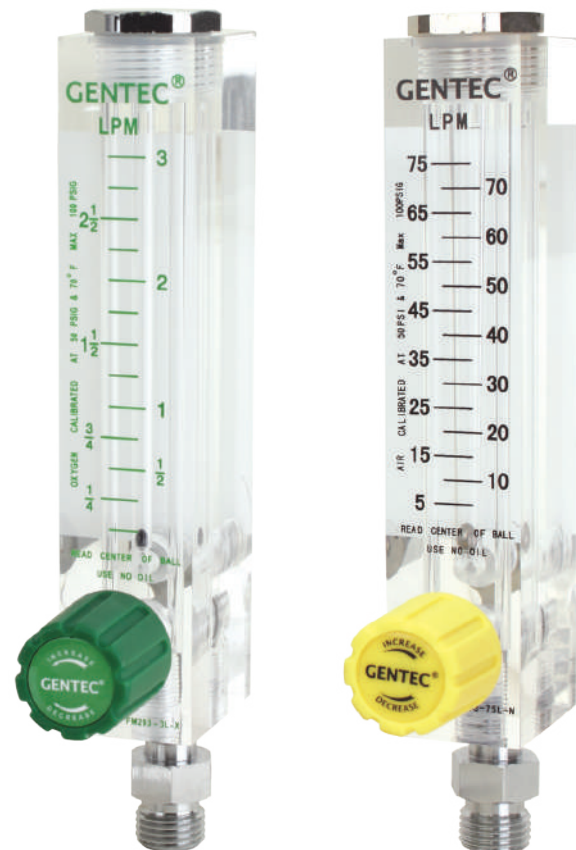


DISS	
OXYGEN	Y-OXY-CHK-DH
MEDICAL AIR	Y-AIR-CHK-DH
VACUUM	Y-VAC-CHK-DH
N <sub>2</sub> O	Y-N <sub>2</sub> O-CHK-DH
WAGD	Y-WAG-CHK-DH
CO <sub>2</sub>	Y-CO <sub>2</sub> -CHK-DH
NITROGEN	Y-NIT-CHK-DH
INSTRUMENT AIR	N/A

## Gentec Neonatal, Perinatal and Specialty Flowmeters

- For both oxygen and medical air with accuracy and performance
- Acrylic block provides a strong and superior-looking flow tube
- Precise flow control
- 5-Year warranty

Designed and manufactured to meet the highest standards of performance and accuracy for the applications of critical care on both neonate and adult patients.





## FEATURES

- Available for oxygen and air with accuracy and performance
- Acrylic block provides a strong and superior-looking flow tube
- 200cc and 1LPM model are designed for perinatal and neonatal applications where extreme accuracy under very low flow is required
- Precise flow control
- Maximum Inlet Pressure: 100PSI
- Inlet Connection: See table below (Models for additional inlet connections are available)
- Outlet: DISS Male (9/16"-18UNF)
- Calibrated at 50PSI
- 5-Year warranty (see warranty statement for details)



Inlet Fitting (Back Fitting)	Maximum Flow Rate Scale / Gas Service						
	200CC OXYGEN	1 LPM OXYGEN	3 LPM OXYGEN	16 LPM OXYGEN	75 LPM OXYGEN	16 LPM AIR	75 LPM AIR
1/8NPTF	FM293-200CC-X	FM293-1L-X	FM293-3L-X	FM293-16L-X	FM293-75L-X	FM293-16L-Q	FM293-75L-Q
CHEMETRON	FM293-200CC-X-CH	FM293-1L-X-CH	FM293-3L-X-CH	FM293-16L-X-CH	FM293-75L-X-CH	FM293-16L-Q-CH	FM293-75L-Q-CH
DISS HEX	FM293-200CC-X-DS	FM293-1L-X-DS	FM293-3L-X-DS	FM293-16L-X-DS	FM293-75L-X-DS	FM293-16L-Q-DS	FM293-75L-Q-DS
DISS HANDTIGHT	FM293-200CC-X-DH	FM293-1L-X-DH	FM293-3L-X-DH	FM293-16L-X-DH	FM293-75L-X-DH	FM293-16L-Q-DH	FM293-75L-Q-DH
OHMEDA	FM293-200CC-X-OH	FM293-1L-X-OH	FM293-3L-X-OH	FM293-16L-X-OH	FM293-75L-X-OH	FM293-16L-Q-OH	FM293-75L-Q-OH
PURITAN- BENNETT	FM293-200CC-X-PB	FM293-1L-X-PB	FM293-3L-X-PB	FM293-16L-X-PB	FM293-75L-X-PB	FM293-16L-Q-PB	FM293-75L-Q-PB
OXEQUIP MEDSTAR	FM293-200CC-X-OE	FM293-1L-X-OE	FM293-3L-X-OE	FM293-16L-X-OE	FM293-75L-X-OE	FM293-16L-Q-OE	FM293-75L-Q-OE

	200CC OXYGEN	1 LPM OXYGEN	3 LPM OXYGEN	16 LPM OXYGEN	75 LPM OXYGEN	16 LPM AIR	75 LPM AIR
<b>Accuracy</b>	±10 cc from 25-100 cc ±15 cc from 100-200 cc	±0.05 lpm	±0.15 lpm from 1/4 to 2 lpm ±0.25 lpm above 2 to 3 lpm	±0.25 lpm from 1/2 to 4 lpm ±0.5 lpm above 6 to 15	5 lpm (starts at 5 lpm)	±0.25 lpm from 1/2 to 4 lpm ±0.5 lpm above 6 to 15	5 lpm (starts at 5 lpm)
Flush Flow	500cc	5-10 lpm	20-50 lpm	60-90 lpm	70-100 lpm	60-90 lpm	70-100 lpm



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