

Vacutron® Suction Regulators *& Accessories Guide*



Vacutron® Suction Regulators by Chemetron®



Chemetron has been a leader in suction regulators for more than 40 years. The Vacutron line offers safety and performance features unlike any other regulator on the market.

Vacutron provides four distinct advantages over other suction regulators.

- **Superior Patient Safety**
Vacutron suction regulators have a secondary internal vacuum relief valve. This valve ensures that under no circumstance, *i.e.* component failure, can the vacuum pressure delivered to the patient exceed a pre-set safe level so the patient is not inadvertently exposed to the full line vacuum pressure.
- **Simple and Inexpensive Sterilization**
In the unlikely event the Vacutron becomes contaminated with aspirated material, the regulator can be sterilized by flushing it with common isopropyl alcohol.
- **Model-Specific Labeling**
Each Vacutron suction regulator has a color-coded label on the front of the product to enable the clinician to quickly and easily identify which type of regulator is connected.
- **Standard Glow-in-the-Dark Gauge**
Allied's Vacutron suction regulator comes standard with a glow-in-the-dark gauge and needle.

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Vacutron® Suction Regulators by Chemetron®

High-impact polycarbonate case for strength and durability.

Easy access mode selection knob gives instant access to regulated, intermittent and full-line modes, depending on the model.

Oversized vacuum regulating knob ensures precise vacuum control.

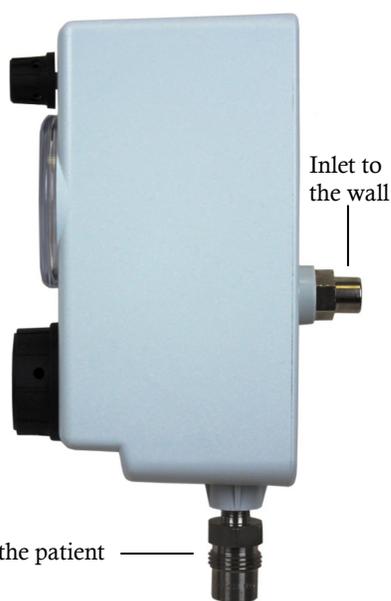
Color-coded glow-in-the-dark analog gauge provides easy readability under typical hospital lighting conditions.

Model-specific color-coded label for quick and easy model identification.

Weight-bearing brass posts prevent case from cracking. A full line of inlet and outlet fittings ensures compatibility with existing fixtures in any medical facility.



Inlet to the Wall Fittings



Chemetron® Male Adapter



Oxequip® Med*Star™ Male Adapter



Ohmeda® Male Adapter



Puritan Bennett™ Male Adapter



1/8" NPT Female Adapter



DISS Female Adapter



DISS Handtight Adapter

Outlet to the Patient Fittings



DISS Male Fitting



Metal Barbed Stem Fitting



45° DISS Male Fitting



Bacteria Filter/Barbed Stem

Continuous Model



The continuous suction regulator is designed to deliver constant vacuum for general suction procedures, including routine maintenance of the patient airway, oropharyngeal and endotracheal suctioning.

Key Features

- Internal safety relief valve limits the maximum vacuum level to 320 mm Hg in the event of regulator failure or inaccuracy
- Superior regulation mechanism ensures stable vacuum settings even with fluctuations in source vacuum
- ISO configurations available

Specifications

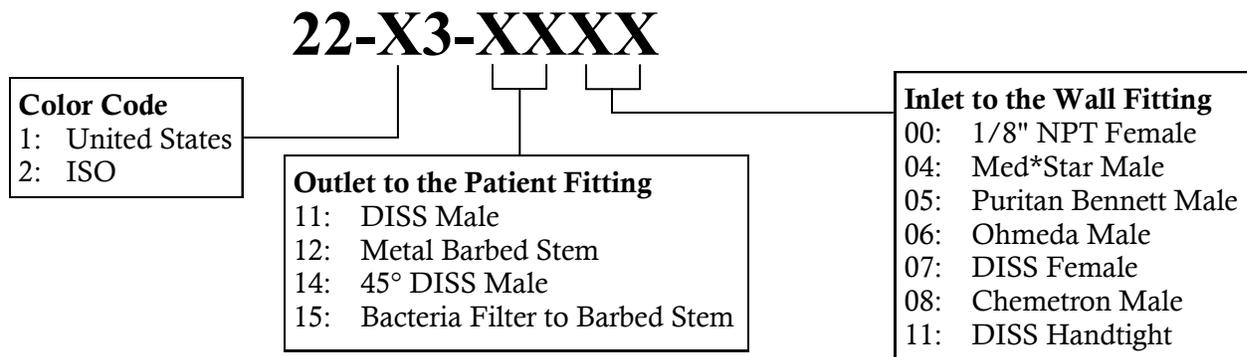
Operating Modes: OFF and Regulated
 Regulated Vacuum Range: 0-300 mm Hg
 Safety Relief Valves: 1 @ 320 mm Hg
 Vacuum Gauge Scale: 0-300 mm Hg in 5 mm Hg increments
 0-40 kPa in 2 kPa increments
 Dimensions: 6.8" H x 2.65" W x 4.07" D (174 mm x 67 mm x 104 mm)
 Weight: 1.3 lbs. (0.59 kg)
 Warranty: 10 years



22-23-0000
 22-23-0100
 22-23-0116
 22-23-0200
 22-23-1114

Continuous Suction Regulator Configurator

Using the diagram below, one can configure any continuous suction regulator. For example, the part number for a continuous Vacutron with U.S. coloring, a DISS male patient fitting and an Ohmeda male wall fitting is 22-13-1106. The complete Vacutron Configuration Table is on page 13.



Low Vacuum (Neonatal) Continuous Model



The low vacuum continuous suction regulator is designed to deliver constant vacuum for general suction procedures on neonatal patients, including routine maintenance of the airway, oropharyngeal and endotracheal suctioning.

Key Features

- Internal safety relief valve limits the maximum vacuum level to 100 mm Hg in the event of regulator failure or inaccuracy
- Superior regulation mechanism ensures stable vacuum settings even with fluctuations in source vacuum
- ISO configurations available

Specifications

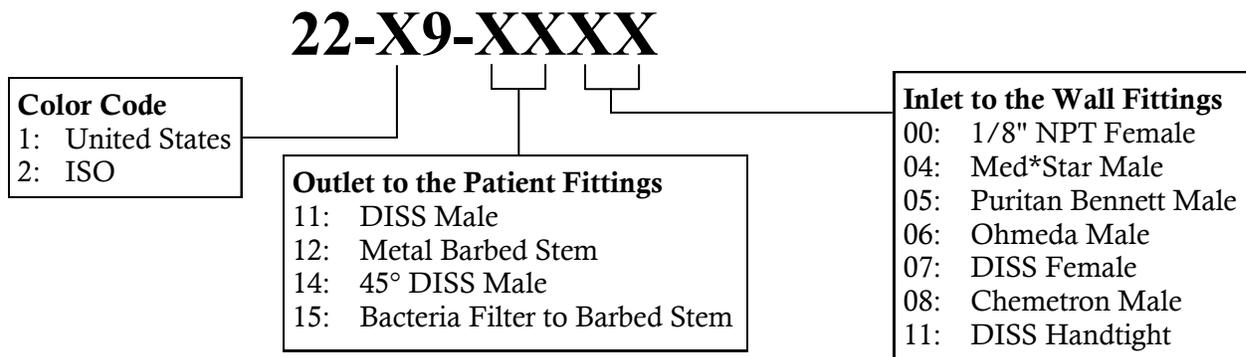
Operating Modes: OFF and Regulated
 Regulated Vacuum Range: 0-90 mm Hg
 Safety Relief Valves: 1 @ 100 mm Hg
 Vacuum Gauge Scale: 0-100 mm Hg in 5 mm Hg increments
 0-13 kPa in 1 kPa increments
 Dimensions: 6.8" H x 2.65" W x 4.07" D (174 mm x 67 mm x 104 mm)
 Weight: 1.3 lbs. (0.59 kg)
 Warranty: 10 years



22-29-0050
 22-29-0202
 22-29-0214

Low Vacuum Continuous Suction Regulator Configurator

Using the diagram below, one can configure any low vacuum continuous suction regulator. For example, the part number for a low vacuum continuous Vacutron with U.S. coloring, a DISS male patient fitting and an Ohmeda male wall fitting is 22-19-1106. The complete Vacutron Configuration Table is on page 13.



Surgical Continuous Model



The surgical suction regulator is designed for use in surgical suites. There are two operational modes: regulated vacuum and full line. Regulated suction allows the clinician to set the vacuum level between 0 and 300 mm Hg. On full line mode, the vacuum pressure delivered is unregulated and equal to the vacuum line pressure.

Key Features

- Internal safety relief valve limits the maximum vacuum level on regulated mode to 320 mm Hg in the event of regulator failure or inaccuracy
- Superior regulation mechanism ensures stable vacuum settings even with fluctuations in source vacuum
- ISO configurations available

Specifications

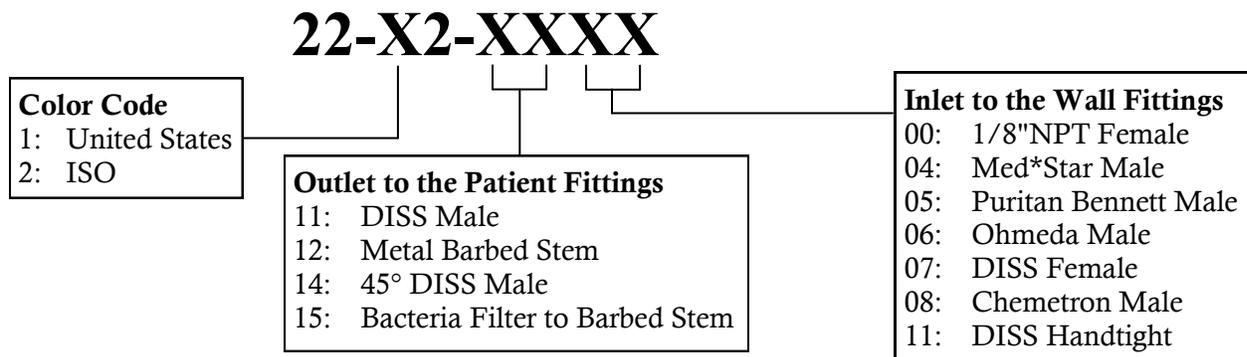
Operating Modes: OFF, Regulated and Full Line
 Regulated Vacuum Range: 0-300 mm Hg
 Safety Relief Valves: 1 @ 320 mm Hg
 Vacuum Gauge Scale: 0-300 mm Hg in 5 mm Hg increments
 0-40 kPa in 2 kPa increments
 Dimensions: 6.8" H x 2.65" W x 4.07" D (174 mm x 67 mm x 104 mm)
 Weight: 1.3 lbs. (0.59 kg)
 Warranty: 10 years



22-22-0000
 22-22-0100
 22-22-0214

Surgical Continuous Suction Regulator Configurator

Using the diagram below, one can configure any surgical continuous suction regulator. For example, the part number for a surgical continuous Vacutron with U.S. coloring, a DISS male patient fitting and an Ohmeda male wall fitting is 22-12-1106. The complete Vacutron Configuration Table is on page 13.



Continuous/Intermittent Model



The continuous/Intermittent suction regulator is designed to support a variety of procedures requiring constant or intermittent suction. Constant suction is used primarily to maintain a patient's airway, while intermittent suction is used for drainage procedures.

Key Features

- Dual safety relief valves limit the maximum vacuum level on both constant and intermittent modes in the event of regulator failure or inaccuracy
- Superior regulation mechanism ensures stable vacuum settings even with fluctuations in source vacuum
- ISO configurations available

Specifications

Operating Modes: OFF, Regulated and Intermittent

Regulated Vacuum Range: 0-300 mm Hg (Regulated)
0-150 mm Hg (Intermittent)

Cycle Times: 17 seconds of suction followed by 10 seconds without suction

Safety Relief Valves: 1 @ 320 mm Hg (Regulated)
1 @ 170 mm Hg (Intermittent)

Vacuum Gauge Scale: 0-300 mm Hg in 5 mm Hg increments
0-40 kPa in 2 kPa increments

Dimensions: 6.8" H x 2.65" W x 4.07" D (174 mm x 67 mm x 104 mm)

Weight: 1.3 lbs. (0.59 kg)

Warranty: 10 years



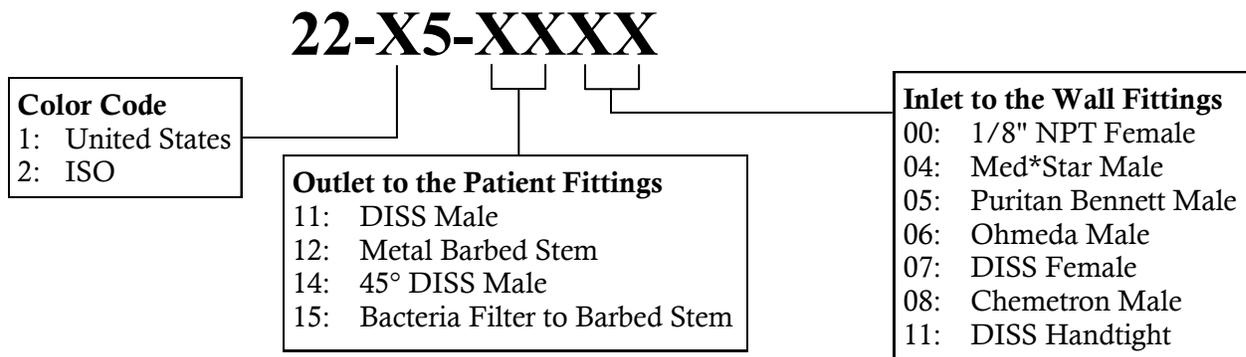
22-25-1050
22-25-1050-SPAN
22-25-1100
22-25-1114
22-25-1200

Continuous/Intermittent Suction Regulator Configurator

Using the diagram below, one can configure any continuous/intermittent suction regulator.

For example, the part number for a continuous/intermittent Vacutron with U.S. coloring, a DISS male patient fitting and an Ohmeda male wall fitting is 22-15-1106.

The complete Vacutron Configuration Table is on page 13.



Pediatric Continuous/Intermittent Model



The pediatric continuous/intermittent suction regulator is designed to support a variety of procedures requiring constant or intermittent suction on pediatric patients. Constant suction is used primarily to maintain the patient airway, while intermittent suction is used for drainage procedures.

Key Features

- Dual safety relief valves limit the maximum vacuum level on both constant and intermittent modes in the event of regulator failure or inaccuracy
- Superior regulation mechanism ensures stable vacuum settings even with fluctuations in source vacuum
- ISO configurations available

Specifications

Operating Modes: OFF, Regulated and Intermittent

Regulated Vacuum Range: 0-130 mm Hg (Regulated)
0-110 mm Hg (Intermittent)

Cycle Times: 17 seconds of suction followed by 10 seconds without suction

Safety Relief Valves: 1 @ 140 mm Hg (Regulated)
1 @ 120 mm Hg (Intermittent)

Vacuum Gauge Scale: 0-150 mm Hg in 5 mm Hg increments

Dimensions: 6.8" H x 2.65" W x 4.07" D (174 mm x 67 mm x 104 mm)

Weight: 1.3 lbs. (0.59 kg)

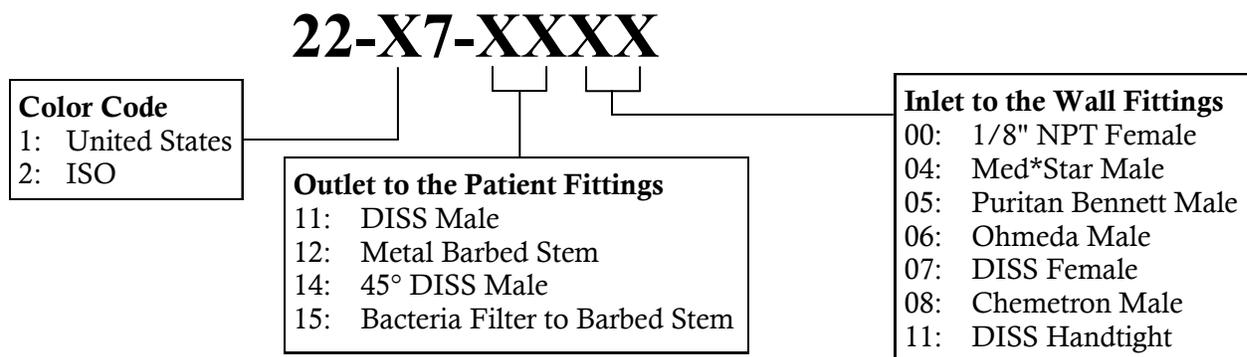
Warranty: 10 years



22-27-0214
22-27-1100
22-27-1200

Pediatric Continuous/Intermittent Suction Regulator Configurator

Using the diagram below, one can configure any pediatric continuous/intermittent suction regulator. For example, the part number for a pediatric continuous/intermittent Vacutron with U.S. coloring, a DISS male patient fitting and an Ohmeda male wall fitting is 22-17-1106. The complete Vacutron Configuration Table is on page 13.



Intermittent Model



Intermittent suction regulators are designed to deliver intermittent vacuum only. This regulator is used when clinicians want to ensure that constant suction is never delivered.

Key Features

- Internal safety relief valve limits the maximum vacuum level to 170 mm Hg in the event of regulator failure or inaccuracy
- Superior regulation mechanism ensures stable vacuum settings even with fluctuations in source vacuum
- ISO configurations available

Specifications

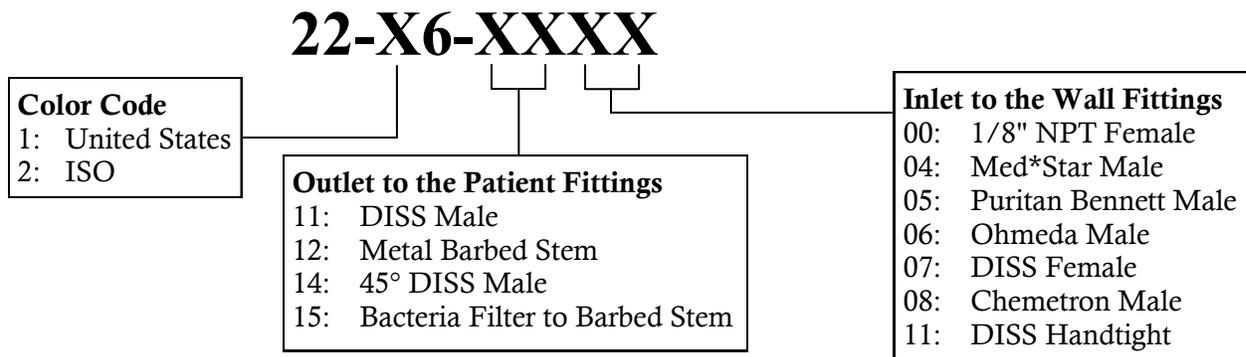
Operating Modes: OFF and Intermittent
 Regulated Vacuum Range: 0-150 mm Hg
 Cycle Times: 17 seconds of suction followed by 10 seconds without suction
 Safety Relief Valves: 1 @ 170 mm Hg
 Vacuum Gauge Scale: 0-300 mm Hg in 5 mm Hg increments
 0-40 kPa in 2 kPa increments
 Dimensions: 6.8" H x 2.65" W x 4.07" D (174 mm x 67 mm x 104 mm)
 Weight: 1.3 lbs. (0.59 kg)
 Warranty: 10 years



22-26-0214
 22-26-1100
 22-26-1200

Intermittent Suction Regulator Configurator

Using the diagram below, one can configure any intermittent suction regulator. For example, the part number for an intermittent Vacutron with US coloring, a DISS male patient fitting and an Ohmeda male wall fitting is 22-16-1106. The complete Vacutron Configuration Table is on page 13.



Disposable Collection Canisters (DCUs)



Unique DISS connection attaches directly to most wall suction regulators, saving time and eliminating wall brackets.

Key Features

- Unique filter and self-sealing material located in the lid improve flow up to 20%, enhancing performance over mechanical float systems
- When the filter comes into contact with moisture, it immediately stops flow from the patient and prevents fluids from entering the suction regulator
- Unique DISS connection option allows canisters to be attached directly to most wall suction regulators in the OR, ER, ICU and CCU
- Accurate, easy to read calibrations and an enlarged area in which to write patient information
- Snap-on lid is easy to attach to the canister and virtually impossible to remove
- Audible “snap” gives clear confirmation that the lid is properly sealed and secure
- Tubing hooks built into the lid eliminate the need to coil up excess tubing, preventing kinks and occlusions
- Caps for all ports are attached to the lid for convenience in sealing the canister after use

20-08-0001	Disposable Collection Canister, DISS inlet & hydrophobic filter, 2400 ml (36/case)
20-08-0002	Disposable Collection Canister, stem inlet & hydrophobic filter, 2400 ml (36/case)
20-08-0003	Disposable Collection Canister, stem inlet & hydrophobic filter, 1500 ml (48/case)
20-08-0004	Disposable Collection Canister, DISS inlet & hydrophobic filter, 1500 ml (48/case)
20-08-0005	Disposable Collection Canister, DISS inlet & hydrophobic filter, with tubing, 2400 ml (36/case)*
20-08-0006	Disposable Collection Canister, stem inlet & hydrophobic filter, with tubing, 2400 ml (36/case)**
20-08-0007	Disposable Collection Canister, stem inlet & hydrophobic filter, with tubing, 1500 ml (42/case)**
20-08-0008	Disposable Collection Canister, DISS inlet & hydrophobic filter, with tubing, 1500 ml (42/case)*

*PVC tubing, 72", 1/4" ID

**PVC tubing, 18" and 72", 1/4" ID

Disposable Collection Canister Accessories



20-02-0152

Critical Measurement Insert

For precise volume determination of aspirated material. Inserts into a 1500 ml or 2400 ml canister.



20-02-0151

Specimen Bag

Filters large particles from aspirate. Fits into canister accessory port for easy accessibility.



20-02-0150

Canister Holder

Holds collection canister by inserting the holder into a slide bracket on a canister carrier pole.

Collection Canister Stand with Vacuum Manifold

Unlike traditional collection canister stands, the Allied stand has an integrated vacuum manifold. At the top of the stand, the suction regulator connects to the manifold via a DISS male connection. From here, the manifold system directs the vacuum to two 5/16" hose barb outlets. The outlets feature shut-off valves which enable the outlets to be used individually or in tandem. Completing the canister stand are four permanently affixed slide brackets, four canister holders and casters for enhanced mobility.



20-02-0023

Canister Stand Expansion Kit

Attaches to collection canister pole to convert a standard 4-canister carrier into an 8-canister carrier. Kit includes 4 slide brackets, 4 canister holders, and 2 screws.

20-02-0023	Collection Canister Carrier, 4-canister model, 36" high
20-02-0030	Collection Canister Carrier, 4-canister model, 21" high
20-02-0028	Canister Carrier Expansion Kit
20-02-0150	Canister Holder, 12/case
20-02-0151	Specimen Bag, 4.5", 12/case
20-02-0152	Critical Measurement Insert, 12/case

Reusable Collection Bottle Assemblies & Accessories



22-10-4003 22-10-0002 22-10-0004 22-10-4010

Allied collection bottle assemblies are used for the collection of aspirated material. They are available in polycarbonate or glass and incorporate a positive shut-off cap and float assembly that interrupts suction to help prevent fluid carryover into the regulator or central vacuum system.

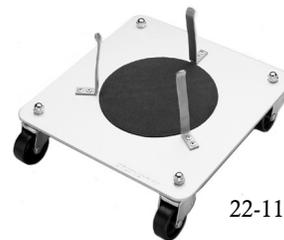
Key Features

- Offered in four sizes: 2800 ml, 1200 ml, 600 ml and 473 ml
- Bottles are available in glass and polycarbonate, which can be autoclaved
- Collection bottles can be purchased complete (bottle with cap and float) or by the case (bottle only)
- Cap and float assembly is autoclavable and can be purchased separately

Bottle Holders & Suction Bottle Carrier



22-11-0004 22-11-0007 22-11-0006



22-11-0024

Ordering Information	
22-93-0002	1200 ml Glass Bottle (bottle only), 6/case
22-10-0002	1200 ml Glass Bottle & lid assembly
22-93-0003	600 ml Glass Bottle (bottle only), 12/case
22-10-0004	600 ml Glass Bottle & lid assembly
22-93-0020	473 ml Glass Bottle (bottle only), 12/case
22-10-0010	473 ml Glass Bottle & lid assembly
22-93-5001	2800 ml Polycarbonate Bottle (bottle only), 6/case
22-10-4003	2800 ml Polycarbonate Bottle & lid assembly
22-93-5002	1200 ml Polycarbonate Bottle (bottle only), 6/case
22-10-4002	1200 ml Polycarbonate Bottle & lid assembly
22-93-5010	473 ml Polycarbonate Bottle (bottle only), 12/case
22-10-4010	473 ml Polycarbonate Bottle & lid assembly
22-10-0008	Cap & Float Assembly
22-11-0004	Bottle Holder without lock
22-11-0006	Bottle Holder Bracket
22-11-0007	Bottle Holder with lock
22-11-0024	Suction Bottle Carrier, for one-gallon collection bottles, with 4 conductive swivel casters

Suction Regulator Accessories

Disposable Hydrophobic Bacteria Filter

- Designed to help protect the vacuum system from contamination due to aerosols or collection bottle overflow
- Hydrophobic microporous membrane filters air while helping block the flow of aqueous fluids and aerosol contaminants
- Filter efficiency 99.97% D.O.P. retention (.3 micron particle size)



01-90-3100

Ordering Information

01-90-3100	Disposable Hydrophobic Bacteria Filter, 1/8" NPT x 1/4" hose barb, 3/pkg.
01-90-3928	Disposable Hydrophobic Bacteria Filter, 1/4" hose barb x 1/4" hose barb, 3/pkg.

Vacutron® Configuration Table

Vacutron Model	Outlet to the Patient Fitting	Inlet to the Wall Fittings						
		Chemetron	Oxequip Med*Star	Ohmeda	Puritan Bennett	1/8" NPT Female	DISS Female	DISS Handtight
Continuous	DISS Male	22-13-1108	22-13-1104	22-13-1106	22-13-1105	22-13-1100	22-13-1107	22-13-1111
	Metal Barbed Stem	22-13-1208	22-13-1204	22-13-1206	22-13-1205	22-13-1200	22-13-1207	22-13-1211
	45° DISS Male	22-13-1408	22-13-1404	22-13-1406	22-13-1405	22-13-1400	22-13-1407	22-13-1411
	Bacteria Filter to Barb Stem	22-13-1508	22-13-1504	22-13-1506	22-13-1505	22-13-1500	22-13-1507	22-13-1511
Surgical	DISS Male	22-12-1108	22-12-1104	22-12-1106	22-12-1105	22-12-1100	22-12-1107	22-12-1111
	Metal Barbed Stem	22-12-1208	22-12-1204	22-12-1206	22-12-1205	22-12-1200	22-12-1207	22-12-1211
	45° DISS Male	22-12-1408	22-12-1404	22-12-1406	22-12-1405	22-12-1400	22-12-1407	22-12-1411
	Bacteria Filter to Barb Stem	22-12-1508	22-12-1504	22-12-1506	22-12-1505	22-12-1500	22-12-1507	22-12-1511
High Vacuum	DISS Male	22-14-1108	22-14-1104	22-14-1106	22-14-1105	22-14-1100	22-14-1107	22-14-1111
	Metal Barbed Stem	22-14-1208	22-14-1204	22-14-1206	22-14-1205	22-14-1200	22-14-1207	22-14-1211
	45° DISS Male	22-14-1408	22-14-1404	22-14-1406	22-14-1405	22-14-1400	22-14-1407	22-14-1411
	Bacteria Filter to Barb Stem	22-14-1508	22-14-1504	22-14-1506	22-14-1505	22-14-1500	22-14-1507	22-14-1511
Pediatric Continuous	DISS Male	22-18-1108	22-18-1104	22-18-1106	22-18-1105	22-18-1100	22-18-1107	22-18-1111
	Metal Barbed Stem	22-18-1208	22-18-1204	22-18-1206	22-18-1205	22-18-1200	22-18-1207	22-18-1211
	45° DISS Male	22-18-1408	22-18-1404	22-18-1406	22-18-1405	22-18-1400	22-18-1407	22-18-1411
	Bacteria Filter to Barb Stem	22-18-1508	22-18-1504	22-18-1506	22-18-1505	22-18-1500	22-18-1507	22-18-1511
Low Vacuum	DISS Male	22-19-1108	22-19-1104	22-19-1106	22-19-1105	22-19-1100	22-19-1107	22-19-1111
	Metal Barbed Stem	22-19-1208	22-19-1204	22-19-1206	22-19-1205	22-19-1200	22-19-1207	22-19-1211
	45° DISS Male	22-19-1408	22-19-1404	22-19-1406	22-19-1405	22-19-1400	22-19-1407	22-19-1411
	Bacteria Filter to Barb Stem	22-19-1508	22-19-1504	22-19-1506	22-19-1505	22-19-1500	22-19-1507	22-19-1511
Continuous/ Intermittent	DISS Male	22-15-1108	22-15-1104	22-15-1106	22-15-1105	22-15-1100	22-15-1107	22-15-1111
	Metal Barbed Stem	22-15-1208	22-15-1204	22-15-1206	22-15-1205	22-15-1200	22-15-1207	22-15-1211
	45° DISS Male	22-15-1408	22-15-1404	22-15-1406	22-15-1405	22-15-1400	22-15-1407	22-15-1411
	Bacteria Filter to Barb Stem	22-15-1508	22-15-1504	22-15-1506	22-15-1505	22-15-1500	22-15-1507	22-15-1511
Pediatric Continuous/ Intermittent	DISS Male	22-17-1108	22-17-1104	22-17-1106	22-17-1105	22-17-1100	22-17-1107	22-17-1111
	Metal Barbed Stem	22-17-1208	22-17-1204	22-17-1206	22-17-1205	22-17-1200	22-17-1207	22-17-1211
	45° DISS Male	22-17-1408	22-17-1404	22-17-1406	22-17-1405	22-17-1400	22-17-1407	22-17-1411
	Bacteria Filter to Barb Stem	22-17-1508	22-17-1504	22-17-1506	22-17-1505	22-17-1500	22-17-1507	22-17-1511
Intermittent	DISS Male	22-16-1108	22-16-1104	22-16-1106	22-16-1105	22-16-1100	22-16-1107	22-16-1111
	Metal Barbed Stem	22-16-1208	22-16-1204	22-16-1206	22-16-1205	22-16-1200	22-16-1207	22-16-1211
	45° DISS Male	22-16-1408	22-16-1404	22-16-1406	22-16-1405	22-16-1400	22-16-1407	22-16-1411
	Bacteria Filter to Barb Stem	22-16-1508	22-16-1504	22-16-1506	22-16-1505	22-16-1500	22-16-1507	22-16-1511

More Allied Innovations

Allied really does have it all under one roof. We have shown you our Vacutron® line of suction regulators ... but that's just a part of the complete offering of products and repair parts for home health care, long term care, medical centers and hospitals:

- Flowmeters
- CO₂ Absorbents
- Oxygen Pressure Regulators
- Portable Aspirators
- Portable High Volume Air Compressors

Contact your Allied Healthcare Products sales representative or call 800-444-3940 to speak with our expert Customer Service staff for complete information.



Timeter® Oxygen Flowmeter



Litholyne® CO₂ Absorbent



B&F Oxygen Pressure Regulators



Gomco® OptiVac® AC/DC Portable Aspirator



Timeter® PCS 414 High Volume Air Compressor



EMERGO EUROPE
Molenstraat 15
2513 BH, The Hague
The Netherlands



Allied Healthcare Products, Inc. ▪ 1720 Sublette Avenue ▪ St. Louis, MO 63110 USA
314/771-2400 ▪ 800/444-3954 ▪ FAX: 314/771-0650 ▪ www.alliedhpi.com

U.S.
Toll Free: 800/444-3940
FAX: 800/477-7701

Canada & Mexico
Toll Free: 800/446-0552
FAX: 800/246-6201

International
Telephone: 314/268-1683
FAX: 314/771-5183

ISO 13485: 2003

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