

Health Care Products

CATALOG



REGULATORS

**OXYGEN
CONSERVER SYSTEMS**

**MISCELLANEOUS
PRODUCTS**



Table of Contents

REGULATORS

- RESPI-LITE[®] REGULATOR pg. 3
- SLIMLITE[®] II pg. 3
- HMG SERIES pg. 4
- OXYGEN THERAPY KITS pg. 4
- DIAPHRAGM STYLE REGULATORS pgs. 5-6
- FLOWMETER REGULATORS pg. 7
- EZ-KEY[™] pg. 7



OXYGEN CONSERVER SYSTEMS

- O₂n DEMAND[®] V CONSERVER pg. 8
- O₂n DEMAND IV CONSERVER pg. 9



MISCELLANEOUS PRODUCTS

- GAUGES pg. 10
- LIQUID OXYGEN TRANSFER HOSES & ACCESSORIES pg. 10
- DISPOSABLE MEDICAL SUPPLIES pg. 10
- PIECES & PARTS pg. 11



For catalog numbers of devices built and licensed in accordance with the **Canadian Law on Medical Device Regulations section 27 (b)**, which can be found on the **Justice Canada website @ www.canada.justice.gc.ca**, contact our Customer Care Team @ 905-827-4515 or canadacs@thermadyne.com.

FLOW CONTROL REGULATORS



0-8 LPM
0781-3317



0-15 LPM
0781-3318

RESPI-LITE[®] REGULATOR

The RESPI-LITE I Series of regulators are lightweight, compact medical oxygen regulators featuring an anodized aluminum exterior with brass internal components. The click style adjustment (0-8 LPM or 0-15 LPM) and integral CGA 870 yoke make these regulators ideally suited for respiratory patients at home or in a healthcare facility.

RESPI-LITE Regulator Features

- Aluminum outer shell and brass internals
- Two flow ranges (0-8 & 0-15)
- Built-in yoke

PART NO.	DESCRIPTION
	0-8 LPM (0, ½, 1, 1½, 2, 2½, 3, 4, 5, 6, 7, 8)
0781-3317	RL-8-870-1
	0-15 LPM (0, ½, 1, 2, 3, 4, 5, 6, 8, 10, 12, 15)
0781-3318	RL-15-870-1



870 0-15 LPM
0781-3324

SLIMLITE II[®]

The SLIMLITE II Series of regulators are sleek and light. The combination of anodized aluminum and all brass core construction with unibody design, incorporates a flow control regulator with a built-in yoke for durability and convenience.

SLIMLITE II Features

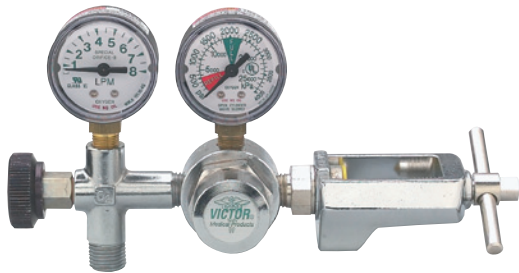
- Aluminum outer shell and all-brass inner core for lighter weight and convenience
- Unibody design for durability
- 11 flow settings
- Two flow ranges (Pediatric & 0-15)
- Built-in yoke
- Patented EZ-Key™ feature
- Flow indicator window
- 6 year replacement warranty
- Choice of D.I.S.S. or barb outlet or combination of both
- Available in Victor MED-PAK Configurations

540 0-15 LPM
0781-3328



PART NO.	DESCRIPTION
	Pediatric, 1/32-4 LPM (1/32, 1/6, 1/6, 1/4, 1/2, 3/4, 1, 1½, 2, 3, 4)
0781-3323	IHB-870-1, Barb Outlet
	0-15 LPM (½, 1, 2, 3, 4, 5, 6, 8, 10, 12, 15)
0781-3324	IHB-870-1, Barb Outlet
0781-3326	IHB-870-2, D.I.S.S. Outlet
0781-3328	IHB-540-2, D.I.S.S. Outlet

PISTON STYLE REGULATORS



PART NO. 0781-3211

HMG-SERIES

HMG-Series piston regulators are lightweight and made of durable chrome plated brass. High visibility gauges allow for easy flow setting and gauge reading. Precision adjustment valve and replaceable orifices ensure proper oxygen delivery.

- Lightweight and durable design
- Filtered outlet assures liter flow accuracy
- 6 year warranty
- Three flow ranges
- Large aluminum adjusting knob
- 1.5" diameter high visibility gauges with enlarged numbers
- Available with CGA 870 & EZ-Key™ or CGA 540 inlet
- Made in USA
- UL/CSA Listed

PART NO.	DESCRIPTION
	0-5 LPM
0781-3210	HMG 5Y, CGA 870 Rigid Yoke
	0-8 LPM
0781-3201	HMG 8SN, CGA 540 Nut/Stem
0781-3211	HMG 8Y, CGA 870 Rigid Yoke
	2-15 LPM
0781-3202	HMG 15SN, CGA 540 Nut/Stem
0781-3212	HMG 15Y, CGA 870 Rigid Yoke

OXYGEN THERAPY KITS



Victor oxygen therapy kits contain all the equipment normally required for a home oxygen set-up. The kit is available with a 15 LPM diaphragm regulator for both "E" and "H" cylinders.

Oxygen Therapy Kits

PART NO.	DESCRIPTION
0384-0183	OTK-540H Kit
0384-0184	OTK-870H Kit

DIAPHRAGM STYLE REGULATORS



PART NO. 0781-3082

VMG-SERIES

The VMG-Series of flow gauge regulators provides superior performance. All VMG models are built with high-impact resistant Noryl[®] bonnets and contoured ABS adjusting knobs. High-visibility gauges with enlarged numbers provide dependable and precise flow rate settings throughout the entire flow range.

VMG-Series Features:

- Exceptional low-flow range performance
- Pediatric flow gauge is scribed in both LPM and CC/M readings
- Two pediatric flow ranges available: 1/64 to 1/2 LPM and 1/8 to 1 LPM
- Three adult flows 0-5,0-8 & 2-15 LPM
- Filtered outlet prevents undetected flow restrictions
- UL Listed, preferred by JCAHO
- 6 year warranty
- Diaphragm style regulator
- Easy to read gauges
- Patented EZ-Key™

PART NO.	DESCRIPTION
Pediatric	
0781-3082	VMG 05LN, 1/64-1/2 LPM, CGA-540, 2" Gauges
0781-3083	VMG 05LY, 1/64-1/2 LPM, CGA-870, 2" Gauges
0781-3080	VMG 1LN, 1/8-1 LPM, CGA-540, 2" Gauges
0781-3081	VMG 1LY, 1/8-1 LPM, CGA-870 Yoke, 2" Gauges
1/2-5 LPM	
0781-3030	VMG 5N, CGA-540, 2" Gauges, Nut Stem
0781-3032	VMG 5Y, CGA-870, 2" Gauges, Yoke
1-8 LPM	
0781-3017	VMG 8Y, CGA-870, 2" Gauges, Yoke
2-15 LPM	
0781-3021	VMG 15N, CGA-540, 2" Gauges, Nut Stem
0781-3022	VMG 15Y, CGA-870, 2" Gauges, Yoke



PART NO. 0781-3060

VMS-SERIES

VMS-Series regulator incorporates the same features used in the VMG-Series yet in a compact size.

PART NO.	DESCRIPTION
VMS Compact Regulator – Diaphragm Style	
0781-3060	VMS 15SY, 2-15 LPM, CGA-870 Swivel Yoke, 1.5" Gauges

DIAPHRAGM STYLE PRESET REGULATORS



PART NO. 0780-0297

PRESET REGULATORS

Victor offers two series of 50 PSIG preset regulators. The SR-200 Series regulators are heavy duty and designed to handle high flow rates up to 325 LPM for oxygen and 100 LPM nitrous oxide. Regulators incorporate 2" high visibility gauges.

The VMP-Series heavy duty regulators are lightweight and designed to hug the cylinder which reduce chances of bumping. These regulators use high visibility 1.5" gauges and have the same flow characteristics as the SR-200 Series.

FEATURES

- Diaphragm style regulators for accuracy and durability
- Filtered outlet assures liter flow accuracy
- 6 year warranty
- Preset 50 PSIG

PART NO.	DESCRIPTION
Preset 50 PSIG Regulators	
0780-0292	SR203 MAP326, Heavy Duty, 50 PSI Preset, CGA 326
0780-0297	SR203 MAP540, Heavy Duty, 50 PSI Preset, CGA 540
0781-3001	VMP 50SY, Lightweight, 50 PSI Preset, CGA 870
0781-3010	VMP 50SN, Lightweight, 50 PSI Preset, CGA 346

SPECIAL APPLICATION REGULATORS: DIAPHRAGM STYLE



PART NO. 0780-2931



PART NO. 0781-3110



PART NO. 0781-3024

DIAPHRAGM STYLE REGULATORS

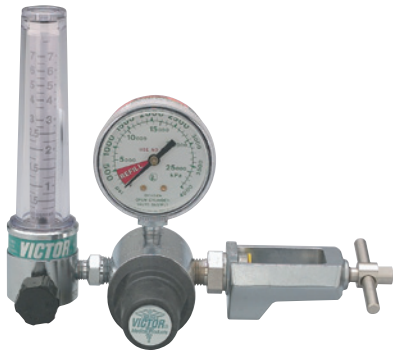
Victor Medical's regulators for blood gas, M.R.I. and laboratory application incorporate flexible diaphragms to ensure precise flow delivery. Each regulator is stringently tested to maintain required pressure settings. Regulators use high visibility gauges for ease of use.

PART NO.	DESCRIPTION
Blood Gas Analysis Regulator	
0780-2931	MBG A 973, 0-15 PSIG, 2 Stage, CGA-973
Oxygen & Medical Air Adjustable Pressure Regulators	
0781-3110	VMA 100LN, 0-80 PSIG, CGA-540
0781-3120	VMA 100LN, 0-80 PSIG Delivery, CGA-346
Non-Magnetic Regulators	
0781-3024	NMG 15LY, 2-15 LPM, CGA-870 Yoke

CGA Information

YOKE:	STEM & NUT:
870-Oxygen	540-Oxygen
973-Mix Gas (21% O ₂ / 79% Nitrogen)	346-Air
910-Nitrous Oxide	580-Nitrogen
950-Air	590-Mix Gas (21% O ₂ / 79% Nitrogen)

FLOWMETER REGULATORS



PART NO. 0781-3072



PART NO. 1000-0189



VMF-SERIES

The VMF-Series Flowmeter regulators are back-pressure compensated to ensure accurate flow measurement in the event of down-stream restrictions. Large numbers on flow tubes and high visibility 2" diameter gauges provide accurate and easy readability. Diaphragm style regulators are used with Victor Medical's brass body flowmeters for superior performance and durability.

VICTOR MEDICAL FLOWMETERS

Victor Medical flowmeters are made of highly durable medical grade Lexan™ to minimize breakage. Oxygen and medical air flowmeters are calibrated at 50 PSIG inlet pressure. A wide variety of inlet connections are available.

Flowmeter Regulators/Flowmeter Features:

- Large numerals for adjustment ease
- Calibrated at 50 PSIG inlet pressure
- Lexan™ inner and outer tubes avoid breakage

PART NO.	DESCRIPTION
	VMF Series – Flowmeter Regulators
	15 LPM
0781-3045	VMF 15LH, 1-15 LPM, CGA-540 Hand Tight
0781-3046	VMF 15LN, 1-15 LPM, CGA 540
0781-3047	VMF 15LY, 1-15 LPM, CGA 870
0781-3100	VMFA 15, 1-15 LPM, CGA 346 Air

PART NO.	DESCRIPTION
	Flowmeters
	7 LPM
1000-0191	MOF7 4H, 1/4-7 LPM, 1/4" NPT Male Inlet
	15 LPM
1000-0190	MOF15 4A, 1-15 LPM, 1/4" NPT Male Inlet
1000-0192	MOF15 BA, 1-15 LPM, D.I.S.S. 1240 Female Inlet

EZ-Key™ – A patented wrench key; is standard on all Victor Medical CGA 870 yoke regulators. Eliminates the cumbersome task of hand tightening. Notch on top of key allows use of standard cylinder wrench to prevent leaks with a simple twist. (Part No. 0750-0100)

O₂n Demand[®] V – DUAL LUMEN DEMAND STYLE CONSERVER



The O₂n Demand V is a demand style dual lumen oxygen conserver for the active patient to make mobility a little simpler and more convenient. No batteries are required for operation. Thus, the unit can operate at various temperatures and conditions without fear of failure. With its pneumatic operating system, the patient receives oxygen during the entire inhalation portion of the breathing cycle; not during exhalation. With 22 flow settings (11 conserve & 11 continuous) the O₂n Demand V is suitable for a broad range of patients.

O₂n Demand V Oxygen Conserver Features:

- Pneumatic operation, no batteries, no electronics
- 11 Flow Settings (1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6) in continuous or conserve mode
- Compact & lightweight, 16 ounces
- Two delivery modes, continuous & conserve, in one unit
- Conserve ratio 3:1 (minimum)
- Yoke comes standard with EZ-Key™
- Contents gauge with bumper guard, gauge protected from damage
- Large flow knob for easy setting
- All brass high pressure components, aluminum exterior, meets ASTM standards
- FDA registered

PART NO.	DESCRIPTION
	O₂n Demand V Conserver
0781-3076	O ₂ n Demand V, CGA 870, Victor Cannula
0781-3078	O ₂ n Demand V, CGA 870, Salter Cannula

HOURS OF OPERATION – O₂n Demand V

Conserve Mode (LPM) Based on 15 Breaths/Min.

Cylinder Type ▼	1 LPM	2 LPM	3 LPM	4 LPM	5 LPM	6 LPM
M6 / ML6 164L	6.5	3.9	2.8	2.2	1.8	1.5
M9 / C 248L	9.8	5.6	4.2	3.3	2.7	2.3
D 425L	16.8	10.0	7.2	5.7	4.6	3.9
Alum E 684L	27.1	16.1	11.7	9.1	7.5	6.3
CC per Breath	28	47	65	83	102	121
Conserve Ratio	2.4	2.9	3.1	3.1	3.1	3.2

O₂n Demand[®] IV – SINGLE LUMEN PULSE STYLE CONSERVER



The O₂n Demand IV is a pulse style conserving device designed to deliver a pulse dose of oxygen at the beginning of inspiration, regardless of breath rate. The single lumen design allows the use of standard single lumen cannulas. Its single lumen pulse design makes it the quietest and most accurate conserver on the market, making it less irritating to the patient. With a conserving ratio of up to 6:1 (see table) the O₂n Demand IV maximizes ambulatory time while maintaining peak levels of oxygenation. The unit also offers the highest number of conserving and continuous flow settings available, making it suitable for a broader range of patients.

O₂n Demand IV Oxygen Conserver Features:

- Pneumatic operation, no batteries, no electronics
- Single lumen design uses standard cannula
- Compact & lightweight, 16.6 ounces
- 6 conserving Flows (1, 2, 2.5, 3, 4, 5)
- 3 continuous Flows (2, 3, 4)
- Conserve ratio up to 6:1 conserve mode - increased ambulation
- Yoke comes standard with EZ-Key™
- Contents gauge with bumper guard, gauge protected from damage
- Large flow knob for easy setting
- All brass high pressure components, aluminum exterior, meets ASTM standards
- FDA registered

PART NO.	DESCRIPTION
	O ₂ n Demand IV Conserver
0781-3092	O ₂ n Demand IV, CGA 870

HOURS OF OPERATION – O₂n Demand IV

Conserve Mode (LPM) Based on 15 Breaths/Min.

Cylinder Type ▼	1 LPM	2 LPM	2.5 LPM	3 LPM	4 LPM	5 LPM
M6 / ML6 164L	15.2	7.6	6.1	5.1	3.8	3.0
M9 / C 248L	23.6	11.8	9.4	7.9	5.9	4.7
D 425L	39.4	19.7	15.7	13.1	9.8	7.9
Alum E 684L	63.0	31.5	25.2	21.0	15.7	12.6
CC per Breath	12	24	30	36	48	60
Conserve Ratio	5.5	5.5	5.5	5.5	5.5	5.5

GAUGES & ACCESSORIES



PART NO. 1424-0325

PART NO. 1424-0352

GAUGES

PART NO.	DESCRIPTION
1424-0102	1.5", 0-100 PSIG, 1/8" NPT Bottom Port
1424-0104	1.5", 0-4000 PSIG, 1/8" NPT Bottom Port
1424-0158	2", 0-3000 PSIG, 1/4" NPT Bottom Port
1424-0519	2", 0-200 PSIG, 1/4" NPT Bottom Port
1424-0166	2", 0-4000 PSIG, 1/4" NPT Bottom Port
1424-0178	2", 0-400 PSIG, 1/4" NPT Bottom Port
1424-0317	2", 0-100 PSIG, 1/8" NPT Bottom Port
1424-0325	2", 0-4000 PSIG, 1/8" NPT Bottom Port
1424-0341	1.5", 2-15 LPM, 1/8" NPT Bottom Port
1424-0342	1.5", 1-8 LPM, 1/8" NPT Bottom Port
1424-0343	1.5", 1/2-5 LPM, 1/8" NPT Bottom Port
1424-0352	1.5", 0-4000 PSIG, 1/8" NPT Bottom Port
1424-0379	1.5", 0-4000 PSIG, 1/8" NPT Back Port
1424-0393	Vac Gauge, 2" dia., 30" HG
1424-0001	T-fill Gauge, 2.5" dia., 3000 PSIG, Bottom Port



LIQUID OXYGEN TRANSFER HOSES & ACCESSORIES

PART NO.	DESCRIPTION
Cryogenic Transfer Hoses	
1123-0602	72" Oxygen Transfer Hose (Liquid Cyl. Hose)
1123-0603	96" Oxygen Transfer Hose (Liquid Cyl. Hose)
1123-0604	120" Oxygen Transfer Hose (Liquid Cyl. Hose)
Fill Heads, Safety Tee & 90° Elbow	
1131-0088	FH1 Fill Head (Caire)
1131-0043	90° Elbow Extension (Liquid Oxygen Transfer)

DISPOSABLE MEDICAL SUPPLIES

PART NO.	DESCRIPTION
1013-0230	Adult Face Mask, Non-rebreather
1013-0231	Nasal Cannula with 7' Tubing
1013-0232	Humidifier
1013-0235	Victor Dual Lumen Nasal Cannula 25/CS (Used with Conserver)
1013-0236	Salter Dual Lumen Cannula 25/CS (Used with Conserver)

MISCELLANEOUS

PIECES & PARTS

PART NO.	DESCRIPTION
Post Valve Wrenches	
1420-0269	Plastic Wrench
1420-0279	Chain Assembly 14" Long
1420-0280	Plastic Wrench with Chain
1420-0288	Metal Wrench
1420-0297	CGA 540 Wrench
Regulator Parts/Accessories	
1408-0068	Yoke Washer – Yellow
1408-0105	Yoke Washer with Shoulder - Opaque
1408-0062	Yoke Washer, Metal with Rubber Center
0028-0028	Teflon Tape
0750-0100	EZ-Key™ Yoke "T" Handle - Patent # 5,704,589
0901-0106	Hose Nipple, Barb – Green
0987-0095	CGA 870 Yoke, 1/4" NPT, Chrome Plated
0987-0140	CGA 870 Yoke, 1/2" NPT, Brass

PART NO. 1420-0269



PART NO. 1420-0279



PART NO. 1420-0297



PART NO. 0750-0100



PART NO.
1408-0068



PART NO.
1408-0062



PART NO.
1408-0105



Three Key Distribution Points

Southern California

Kentucky

Texas

MISSION STATEMENT

Victor Equipment Company has been serving the oxygen market since 1913. During its tenure, Victor Medical has been a leader in the medical oxygen market delivering quality products and outstanding service at a fair price. Victor Medical continues to develop revolutionary oxygen delivery devices for the medical market that are easy to use and effective for the administration of oxygen; both stationary and portable. Victor Medical offers a complete line of oxygen devices, regulators, cylinders and transfilling products. Victor Equipment Company is ISO 9001 Registered and Manufacturers UL/GSA listed products.



Victor Equipment Company is an ISO 9001 registered manufacturer.

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U.S. Customer Care: 800-382-8187 / FAX 800-535-0557 • Canada Customer Care: 905-827-4515 / FAX 800-588-1714
International Customer Care: 940-381-1212 / FAX 940-483-8178 • www.victormed.com



A Global Cutting & Welding Market Leader™

THE AMERICAS

Denton, TX USA
U.S. Customer Care
 Ph: 1-800-426-1888 (tollfree)
 Fax: 1-800-535-0557 (tollfree)
International Customer Care
 Ph: 1-940-381-1212
 Fax: 1-940-483-8178

Miami, FL USA
Sales Office, Latin America
 Ph: 1-954-727-8371
 Fax: 1-954-727-8376

Oakville, Ontario, Canada
Canada Customer Care
 Ph: 1-905-827-4515
 Fax: 1-800-588-1714 (tollfree)

EUROPE

Chorley, United Kingdom
Customer Care
 Ph: +44 1257-261755
 Fax: +44 1257-224800

Milan, Italy
Customer Care
 Ph: +39 0236546801
 Fax: +39 0236546840

ASIA/PACIFIC

Cikarang, Indonesia
Customer Care
 Ph: 6221-8990-6095
 Fax: 6221-8990-6096

Rawang, Malaysia
Customer Care
 Ph: +603 6092-2988
 Fax: +603 6092-1085

Melbourne, Australia
Australia Customer Care
 Ph: 1300-654-674 (tollfree)
 Ph: 61-3-9474-7400
 Fax: 61-3-9474-7391
International
 Ph: 61-3-9474-7508
 Fax: 61-3-9474-7488

Shanghai, China
Sales Office
 Ph: +86 21-64072626
 Fax: +86 21-64483032

Singapore
Sales Office
 Ph: +65 6832-8066
 Fax: +65 6763-5812