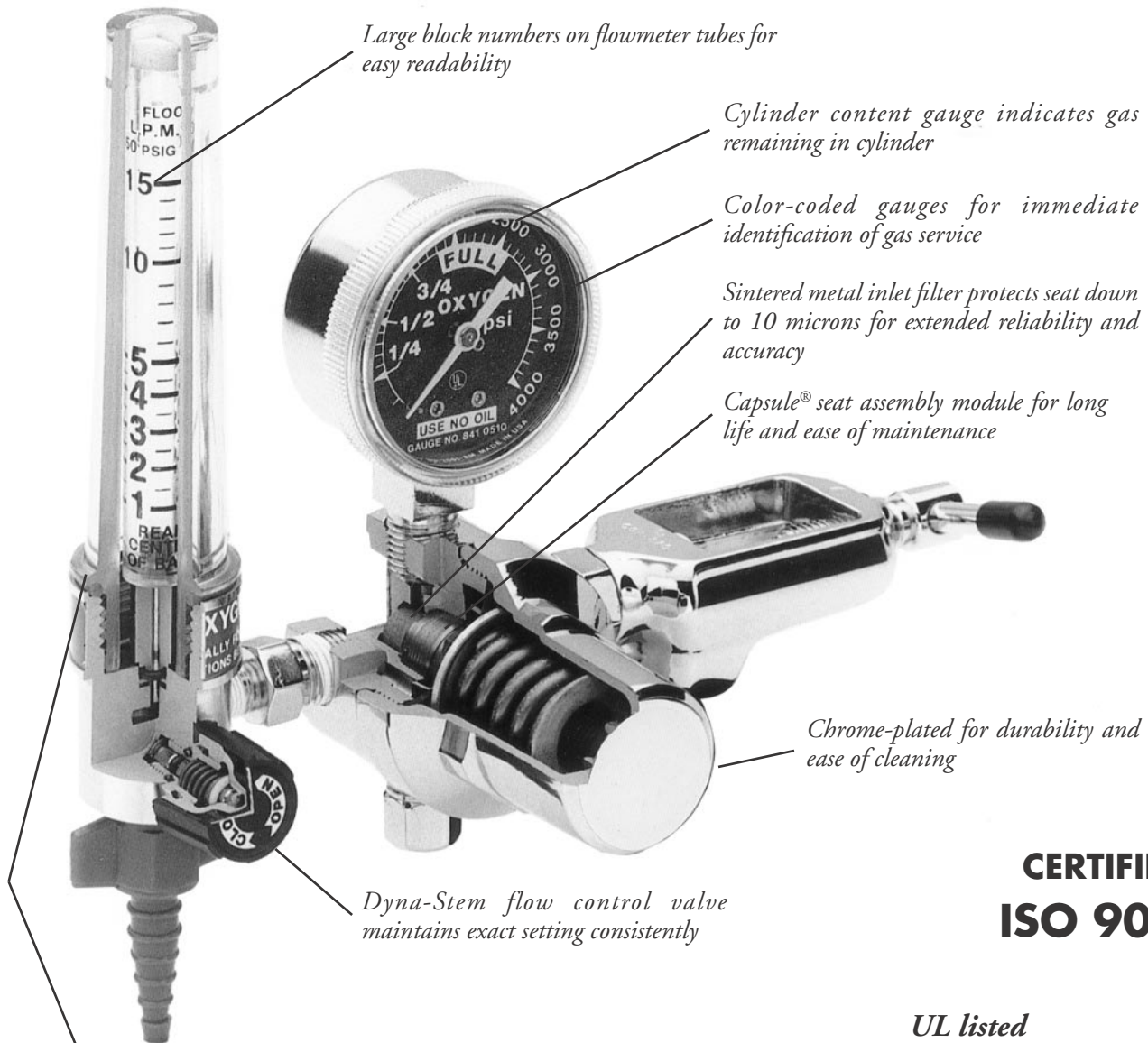




How to Gauge A Good Regulator

A good regulator is measured not only in quality of materials and workmanship, but also in its ability to effectively perform its task over an extended period of time. Our regulators continue to incorporate the latest technology and design features and must conform to an intensive quality assurance program. Simplicity of design and highest quality materials mean a minimum of maintenance and a maximum of reliability.



Large block numbers on flowmeter tubes for easy readability

Cylinder content gauge indicates gas remaining in cylinder

Color-coded gauges for immediate identification of gas service

Sintered metal inlet filter protects seat down to 10 microns for extended reliability and accuracy

Capsule® seat assembly module for long life and ease of maintenance

Chrome-plated for durability and ease of cleaning

Dyna-Stem flow control valve maintains exact setting consistently

Patented pressure-relief mechanism protects operator and equipment

**CERTIFIED
ISO 9001**

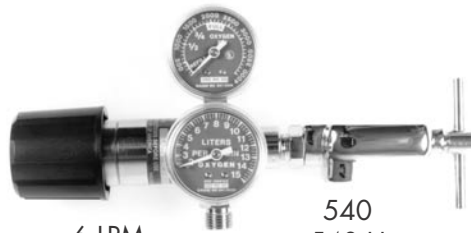
UL listed

Available in adjustable, preset, flowmeter or flowgauge models

Medical Regulator Quick Reference Guide

Regulator Type	Gas Service	Model Number	Inlet Pressure Gauge PSIG	Flow Scale (LPM) or Pressure Range (PSIG)	Inlet CGA	Outlet DISS
Flowgauge Regulator	Oxygen	806 4530	0-4000	2-15 LPM	540	1240
		806 4531	0-4000	2-15 LPM	540-H	1240
		806 4532	0-4000	2-15 LPM	870 (Yoke)	1240
		806 4533	0-4000	1-5 LPM	540	1240
		806 4534	0-4000	1-5 LPM	540-H	1240
		806 4535	0-4000	1-5 LPM	870 (Yoke)	1240
		806 4536	0-4000	2-8 LPM	540	1240
		806 4537	0-4000	2-8 LPM	540-H	1240
		806 4538	0-4000	2-8 LPM	870 (Yoke)	1240
Pediatric Flowgauge Regulator	Oxygen	806-4527	0-4000	0.2-1 LPM	540	1240
		806-4528	0-4000	0.2-1 LPM	540-H	1240
		806-4529	0-4000	0.2-1 LPM	870 (Yoke)	1240
Mini-Med Flowgauge Regulator	Oxygen	806-2550	0-4000	6 LPM	870 (Yoke)	1240
		806-2561	0-4000	2-15 LPM	870 (Yoke)	1240
		806-2562	0-4000	2-15 LPM	540	1240
		806-2563	0-4000	2-15 LPM	540-H	1240
Flowmeter Regulator	Oxygen	806 4539	0-4000	1-15 LPM	540	1240
		806 4540	0-4000	1-15 LPM	540-H	1240
		806 4541	0-4000	1-15 LPM	870 (Yoke)	1240
		806 4542	0-4000	1-8 LPM	540	1240
		806 4543	0-4000	1-8 LPM	540-H	1240
		806 4544	0-4000	1-8 LPM	870 (Yoke)	1240
Adjustable Regulator	Oxygen	806 4548	0-4000	0-100 PSI	540	1240
		806 4549	0-4000	0-100 PSI	540-H	1240
		806 4550	0-4000	0-100 PSI	870 (Yoke)	1240
Preset Regulator	Oxygen	806 4551	0-4000	50 PSI	540	1240
		806 4552	0-4000	50 PSI	540-H	1240
		806 4545	0-4000	50 PSI	870 (Yoke)	1240
Flowmeter Regulator	Medical Air	806 4559	0-4000	1-8 LPM	346	1160
		806 4560	0-4000	1-8 LPM	346-H	1160
		806 4561	0-4000	1-8 LPM	950 (Yoke)	1160
		806 4562	0-4000	1-15 LPM	346	1160
		806 4563	0-4000	1-15 LPM	346-H	1160
		806 4564	0-4000	1-15 LPM	950 (Yoke)	1160
		806 4574	0-4000	1-8 LPM	346	1240
		806 4575	0-4000	1-8 LPM	346-H	1240
		806 4576	0-4000	1-8 LPM	950 (Yoke)	1240
		806 4577	0-4000	1-15 LPM	346	1240
		806 4578	0-4000	1-15 LPM	346-H	1240
		806 4579	0-4000	1-15 LPM	950 (Yoke)	1240
		Flowgauge Regulator	Medical Air	806 4565	0-4000	2-8 LPM
806 4566	0-4000			2-8 LPM	346-H	1160
806 4567	0-4000			2-8 LPM	950 (Yoke)	1160
Adjustable Regulator	Medical Air	806 4571	0-4000	0-100 PSI	346	1160
		806 4572	0-4000	0-100 PSI	346-H	1160
		806 4573	0-4000	0-100 PSI	950 (Yoke)	1160
Preset Regulator	Medical Air	806 4568	0-4000	50 PSI	346	1160
		806 4569	0-4000	50 PSI	346-H	1160
		806 4570	0-4000	50 PSI	950 (Yoke)	1160
Adjustable Regulator	Nitrous Oxide	806 4553	0-2000	0-100 PSI	326	1040
		806 4554	0-2000	0-100 PSI	326-H	1040
		806 4555	0-2000	0-100 PSI	910 (Yoke)	1040
Preset Regulator	Nitrous Oxide	806 4556	0-2000	50 PSI	326	1040
		806 4557	0-2000	50 PSI	326-H	1040
		806 4558	0-2000	50 PSI	910 (Yoke)	1040
Adjustable Regulator	Blood and Laser Gases	305				
		315				
Transfill Regulators	Oxygen	1806 1436	0-4000	0-2500 PSI	548	¼" Stainless
	Nitrogen	1806 1435	0-4000	0-2500 PSI	580	Steel Tube

Oxygen



6 LPM
2-15 LPM
540
540 H
870 (Yoke)

Mini-Med



540
540 H
870 (Yoke)

Pediatric
Flowgauge Regulator
0.2-1 LPM



1-15 LPM
1-8 LPM

Flowmeter Regulator
540
540 H
870 (Yoke)



2-15 LPM
1-5 LPM
2-8 LPM

Flowgauge Regulator
540
540 H
870 (Yoke)

Medical Air



Flowmeter
Regulator

1-8 LPM
1-15 LPM

346
346 H
950 (Yoke)

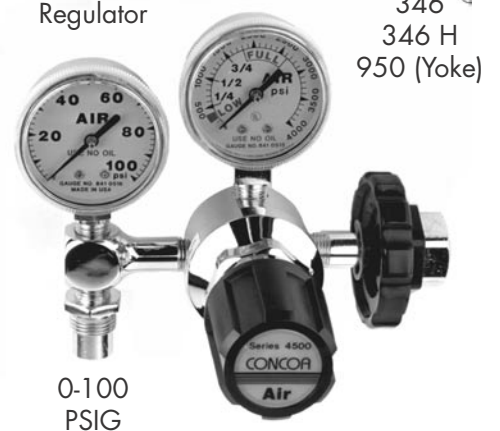


Flowgauge
Regulator

2-8 LPM

346
346 H
950 (Yoke)

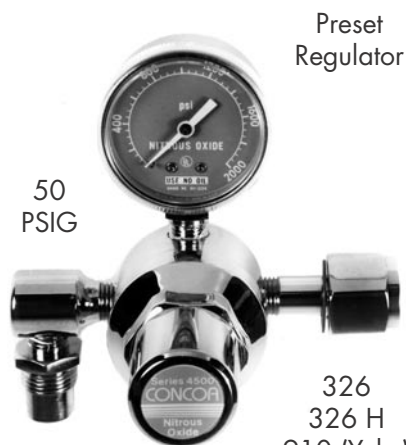
Adjustable
Pressure
Regulator



346
346 H
950 (Yoke)

0-100
PSIG

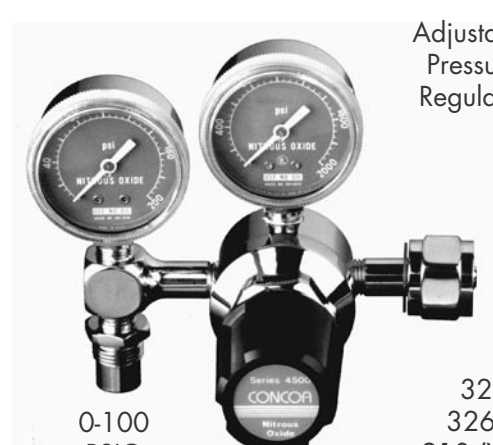
Nitrous Oxide



Preset
Regulator

50
PSIG

326
326 H
910 (Yoke)



Adjustable
Pressure
Regulator

0-100
PSIG

326
326 H
910 (Yoke)

Oxygen Respiratory Therapy Kits

The CONCOA Oxygen Respiratory Therapy Kit contains all equipment normally needed to set up hospital, emergency care or home oxygen supply systems with any size medical oxygen cylinder.

Our compact kit employs our Mini-Med, 2-15 LPM oxygen flowgauge regulator. Both kits are available with CGA 870 yoke, CGA 540h (hand-tight) or CGA 540 inlet fittings.



Kit Model	Oxygen flowgauge Regulator	Inlet CGA	Flow Range	Kit Contents
805 0450	806 4530	540	2-15 LPM	4500 Series Regulator 1 Pt. Humidifier Facemask Cannula
805 0451	806 4531	540-H	2-15 LPM	
805 0452	806 4532	870 (Yoke)	2-15 LPM	

Compact Kit Model	Oxygen Flowgauge Regulator	Inlet CGA	Flow Range	Compact Kit Contents
805 0251	806 2561	870 (Yoke)	2-15 LPM	2500 Mini-Med Regulator 1 Pt. Humidifier Facemask Cannula
805 0252	806 2562	540	2-15 LPM	
085 0253	806 2563	540-H	2-15 LPM	

HANDI + MED Case

The Handi Med Case features a durable polyethylene carrying case coupled with a Mini-Med Dynamic Cartridge regulator in either a preset model or an adjustable flowgauge version and "D" size aluminum cylinder to provide emergency oxygen within your reach. The Handi Med Case is equally at home in the office, industrial plant, school, doctor's office, athletic event, or anywhere that emergency oxygen may be required.

CASE SIZE: 23" x 10" x 6½"

Model Number	Mini-Med Regulator	Flow Range
806-0451	Preset	6 LPM
806-0452	Flowgauge	2-15 LPM



HANDI + MED Tote

The Handi Med Tote combines the lightweight durability of a “D” aluminum cylinder with the unique design of our Mini-Med “Dynamic Cartridge” regulator into a cushioned nylon shoulder tote to provide the portable oxygen user unrestricted mobility, convenience and comfort during work or leisure activities.

The shoulder bag features a clear window positioned to allow easy monitoring of cylinder contents and flow and a wide shoulder strap for comfort throughout the day. The Handi med Tote is available in two models, 6 LPM preset flow range and 2-15 LPM. Both are complete with “D” size Aluminum cylinder wrench and shoulder bag.



Model Number	Flow Range	Capacity
806-0462	6 LPM Preset	415 Liters
806-0463	2-15 LPM Adjustable	415 Liters

NOTE: The “D” Size Aluminum cylinder is Shipped Unfilled.

HANDI + MED Cart

The Handi Med Tote features an all welded hand cart with 6” diameter wheels and wide wheelbase to smooth the road and maintain stability over the roughest terrain, up and down curbs and around the home or office. The high capacity of the aluminum “E” cylinder and our Mini-Med “Dynamic Cartridge” regulator provide hours of reliable, trouble-free Oxygen for the breathing impaired. Each Handi Med Cart comes complete with an Aluminum “E” cylinder, cylinder cart, Mini-Med “Dynamic Cartridge” regulator, cylinder wrench, soft tip nasal cannula and facial mask with 6 feet of tubing.



Model Number	Flow Range	Capacity
806-0471	6 LPM Preset	682 Liters
806-0472	2-15 LPM Adjustable	682 Liters

NOTE: The “E” Size Aluminum cylinder is Shipped Unfilled.

Blood and Laser Gases



305 Series
Single-Stage Regulator



315 Series
Two-Stage Regulator

Custom Calibration 305 9XXX - 315 9XXX

These flowgauge regulators are calibrated for gas mixtures or pure gases not accommodated by our standard product line. Special, proprietary calibration allows us to match orifice size and flowgauge to reflect the actual flow of a specified gas or gas mixture as for example: 20% O₂/80% He. Present flow rates available are 0-15 LPM. Call us for your specific flowmetering requirements.

No Conversion Tables Required

Accessories

Standard CGA Inlet Nuts and Nipples

Stock No.	Description
830 0170	Nitrous Oxide Hex Nut - Female
830 4262	Nitrous Oxide Nipple - 1/4" NPT - 2" long
830 0170	Medical Air Hex Nut - Female
830 5695	Medical Air Nipple - 1/2" NPT 2 1/2" long
830 5010	Oxygen Hex Nut - Female
830 4145	Oxygen Nipple - 1/2" NPT 2 1/4" long

Hand-Tight CGA Inlet Nuts and Nipples

Stock No.	Description
830 5683	Nitrous Oxide Hand-Tight w/Plastic Grip
830 5694	Nitrous Oxide Soft Tip Nipple - 1/2" NPT - 2 1/2" long
830 5683	Medical Air Hand-Tight Nut - w/Plastic Grip
830 5696	Medical Air Soft Tip Nipple - 1/4" NPT 2 1/2" long
830 5684	Oxygen Hand-Tight Nut - w/Plastic Grip
830 5692	Oxygen Soft Tip Nipple - 1/2" NPT 2 1/2" long

Yoke Connection and Parts

Stock No.	Yoke Description
830 4499	Oxygen - CGA #870 x 1/4" NPT Male
830 4263	Nitrous Oxide - CGA #910 x 1/4" NPT Male
830 5693	Medical Air - CGA #950 x 1/4" NPT Male
830 5745	Tee Handle For Yokes
830 5744	Washer For Yokes

Humidifier

Stock No.	Description
805 0500	Disposable Dry Humidifier

Gauges

Stock No.	Oxygen Gauges, Green Face - Chrome-Plated
841 0510	2" Diameter, 4,000 PSI Range - 1/4" Male Bottom Port
841 0511	2" Diameter, 100 PSI Range - 1/4" NPT Male Bottom Port
841 0512	2" Diameter, 15 LPM - 1/4" NPT Male Bottom Port
841 0513	2" Diameter, 8 LPM - 1/4" NPT Male Bottom Port
841 0514	2" Diameter, 5 LPM - 1/4" NPT Male Bottom Port

Stock No.	Nitrous Oxide Gauges, Blue Face - Chrome-Plated
841 0229	2" Diameter, 2,000 PSI Range - 1/4" Male Bottom Port
841 0228	2" Diameter, 100 PSI Range - 1/4" NPT Male Bottom Port

Stock No.	Medical Air Gauges, Yellow Face - Chrome-Plated
841 0515	2" Diameter, 4,000 PSI Range - 1/4" Male Bottom Port
841 0516	2" Diameter, 100 PSI Range - 1/4" NPT Male Bottom Port
841 0517	2" Diameter, 8 LPM - 1/4" NPT Male Bottom Port

Replacement Outlets for Oxygen, Nitrous Oxide, and Medical Air Regulators

Stock No.	Regulator Outlet Bushings
830 4264	Nitrous Oxide - 3/4" - 16 x 1/4" NPT Male
841 0511	Medical Air - 3/4" - 16 x NPT Male
841 0512	Oxygen - 9/16" - 18 x 1/4" NPT Male
841 0513	Oxygen - 9/16" - 18 x 1/4" NPT Male for Orifice*

*Note: Use orifice 810 4451 for 15 LPM flowgauge regulators.
Use orifice 810 1027 for 8 LPM flowgauge regulators.
Use orifice 810 1072 for 5 LPM flowgauge regulators.

Cannula/Facemask

Stock No.	Description
805 0501	Nasal Cannula/Tube
805 0502	Facemask

Hose/250' Reels Only

- clear FDA medical grade PVC tubing
- reinforced with tough nylon braiding
- color-coded to conform to CGA C-9 standards
- kink resistant and lightweight

Stock No.	Description	Color	Maximum Working Pressure @ 70° F	I.D.	O.D.
908 2502	Oxygen Hose	Green	200 psi	.250 in.	.460 in.
908 2503	Nitrous Oxide Hose	Blue	200 psi	.250 in.	.460 in.
908 2504	Medical Air Hose	Yellow	200 psi	.250 in.	.460 in.

Medical Flowmeter Quick Reference Guide

Gas Service	Model Number	Flow Range	Inlet	Outlet DISS	
Oxygen	805 2081	1-8 LPM	¼" MPT	1240	
	805 2082	1-8 LPM	⅜" FPT	1240	
	805 2083	1-8 LPM	9/16" - 18" M	1240	
	805 2270	1-8 LPM	Hand-I-Twist	1240	
	805 2271	1-8 LPM	Union Nut & Gland	1240	
	805 2272	1-8 LPM	Schrader	1240	
	805 2273	1-8 LPM	Med Star	1240	
	805 2274	1-8 LPM	Diamond short w/Power Outlet	1240	
	805 2275	1-8 LPM	Diamond Long	1240	
	805 2276	1-8 LPM	OES	1240	
	805 2277	1-8 LPM	Puritan	1240	
	805 2278	1-8 LPM	Diamond Short	1240	
	805 2279	1-8 LPM	NCG	1240	
	805 2151	1-15 LPM	¼" MPT	1240	
	805 2152	1-15 LPM	⅜" FPT	1240	
	805 2153	1-15 LPM	9/16" - 18" M	1240	
	805 2290	1-15 LPM	Hand-I-Twist	1240	
	805 2291	1-15 LPM	Union Nut & Gland	1240	
	805 2292	1-15 LPM	Schrader	1240	
	805 2293	1-15 LPM	Med Star	1240	
	805 2294	1-15 LPM	Diamond short w/Power Outlet	1240	
	805 2295	1-15 LPM	Diamond Long	1240	
	805 2296	1-15 LPM	OES	1240	
	805 2297	1-15 LPM	Puritan	1240	
	805 2298	1-15 LPM	Diamond Short	1240	
	805 2299	1-15 LPM	NCG	1240	
	Medical Air	805 2084	1-8 LPM	¼" MPT	1160
		805 2085	1-8 LPM	⅜" FPT	1160
		805 2260	1-8 LPM	Puritan	1160
805 2261		1-8 LPM	OES	1160	
805 2262		1-8 LPM	Diamond Short w/Power Outlet	1160	
805 2263		1-8 LPM	NCG Square	1160	
805 2264		1-8 LPM	NCG round	1160	
805 2265		1-8 LPM	Med Star	1160	
805 2266		1-8 LPM	Schrader	1160	
805 2267		1-8 LPM	Diamond Long	1160	
805 2268		1-8 LPM	Diamond Short	1160	
805 2269		1-8 LPM	Hand-I-Twist	1160	
805 2240		1-8 LPM	Puritan	1240	
805 2241		1-8 LPM	OES	1240	
805 2242		1-8 LPM	Diamond Short w/Power Outlet	1240	
805 2243		1-8 LPM	NCG Square	1240	
805 2244		1-8 LPM	NCG round	1240	
805 2245		1-8 LPM	Med Star	1240	
805 2246		1-8 LPM	Schrader	1240	
805 2247		1-8 LPM	Diamond Long	1240	
805 2248		1-8 LPM	Diamond Short	1240	
805 2249		1-8 LPM	Hand-I-Twist	1240	
805 2154		1-15 LPM	¼" MPT	1160	
805 2155		1-15 LPM	⅜" FPT	1160	
805 2280		1-15 LPM	Puritan	1160	
805 2281		1-15 LPM	OES	1160	
805 2282		1-15 LPM	Diamond Short w/Power Outlet	1160	
805 2283		1-15 LPM	NCG Square	1160	
805 2284		1-15 LPM	NCG round	1160	
805 2285		1-15 LPM	Med Star	1160	
805 2286		1-15 LPM	Schrader	1160	
805 2287		1-15 LPM	Diamond Long	1160	
805 2288		1-15 LPM	Diamond Short	1160	
805 2289		1-15 LPM	Hand-I-Twist	1160	
805 2164		1-8 LPM	⅜" FPT	1240	
805 2165		1-15 LPM	⅜" FPT	1240	
805 2250		1-15 LPM	Puritan	1240	
805 2251		1-15 LPM	OES	1240	
805 2252		1-15 LPM	Diamond Short w/Power Outlet	1240	
805 2253		1-15 LPM	NCG Square	1240	
805 2254	1-15 LPM	NCG round	1240		
805 2255	1-15 LPM	Med Star	1240		
805 2256	1-15 LPM	Schrader	1240		
805 2257	1-15 LPM	Diamond Long	1240		
805 2258	1-15 LPM	Diamond Short	1240		
805 2259	1-15 LPM	Hand-I-Twist	1240		



Oxygen Models
with and without wall mounts



Medical Air
Models
with and without
wall mounts

DISS 1160
and 1240
Outlets
available

**CERTIFIED
ISO 9001**



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