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Global Gas Management Technology

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OxyTOTE NG System Advantages

Western designed the Next Generation Integrated Valve Regulator, the OxyTOTE NG, to meet the demands of both EMS emergency services as well as in-hospital patient transport. It is small, lightweight, and ergonomically designed. Every aspect of its intended use was carefully considered during the design process, including its length, which allows the OxyTOTE NG to fit into most EMS duffel bags as well as horizontally on most hospital gurneys.

The OxyTOTE NG's SureClick™ feature locks in oxygen flow with accuracy. The high impact shroud protects the regulator, gauge, and hose barb from accidental damage.

Features

- Regulator and cylinder valve integrated into one unit
- User can initiate flow in two easy steps
- Compact design with all brass body
- Built-in Safety Burst Disk prevents over pressurization
- 1½" diameter oxygen content gauge continuously indicates cylinder pressure
- CGA-540 Fill Port with Safety Check Valve
- Filtration throughout for maximum safety and reduced particle contamination
- Protective shroud ensures safety and lasting performance
- 50 psi DISS Demand Valve Outlet
- 5 yr limited warranty

OxyTOTE NG Regulator Specifications

(OxyTOTE NG Regulator only)

Size	5.240" x 4.375" (5.989" x 4.375" including threads)
Weight	2.14 lbs.
OxyTOTE NG Flow*(LPM)	0.5, 1, 1.5, 2, 3, 4, 6, 8, 10, 15, 25

*The 80X Series excludes 8 LPM flow setting.

OxyTOTE NG Regulator Features (Standard Version)

High impact polycarbonate material protects regulator and components.

SureClick™ feature reduces the risk of positioning the Flow Selector between the discrete click flow settings, providing worry free operation to EMTs and clinicians.

Integrated brass regulator assembly incorporates cylinder valve and flow control regulator into a single unit. Units are refilled through a CGA-540 fill port on back of regulator body.

Easy-to-read 1.5" oxygen content gauge is always active.

Permanently assembled onto a lightweight aluminum cylinder.



Small Shroud with built in handle for portability. Will fit into tight spaces and most EMS bags.

The Flow Selector knob is simple to operate and read, with 11 discrete flow rates from 0.5-25 LPM, plus AUX.

The tapered hose barb outlet for attaching cannula is recessed for protection against damage.

The On/Off Knob has been redesigned. Light gray color is more visible inside of EMS bags and in low light areas.

OXYTOTE NG
With DISS 1240 port

OxyTOTE NG System Advantages

Part#	Description
MNR-600	OxyTOTE NG regulator head only, with DISS Demand Outlet, 3/4"-16UNF thread (aluminum cylinder)
MNR-800	OxyTOTE NG regulator head only, with DISS Demand Outlet, 3/4"-16UNF thread (aluminum cylinder). No shut off valve
MNS-602	OxyTOTE NG system includes D size aluminum cylinder
MNS-603*	OxyTOTE NG system includes E size aluminum cylinder
MNS-802	OxyTOTE NG system includes D size aluminum cylinder. No shut off valve
MNS-803*	OxyTOTE NG system includes E size aluminum cylinder. No shut off valve
PX-1044	Humidification Attachment Sleeve
PX-1045	Humidification Hose
PX-1003	Humidification Bottle

*MR Conditional for use 1.5 ft. or more outside of the bore of an MR machine under the following conditions: Static magnetic field of 3.0 Tesla or less and a spatial gradient field of 720 gauss/cm or less.



OxyTOTE NG PX-1044
with optional humidification attachment.

OxyTOTE NG - The Next Generation of Portable Oxygen Delivery Systems

Finally, an oxygen delivery system that operates as easy and quickly as you do. OxyTOTE NG delivers oxygen in two easy steps. No hassles with wrenches, washers or attachments – just a simple way for you to do your job and ensure your patient is getting the care they need quickly and efficiently.

Confidence – Designed and manufactured within a quality system registered to both ISO9001 and ISO13485 ensures OxyTOTE NG’s performance, longevity, and total satisfaction.

Made in USA – OxyTOTE NG is manufactured and assembled in Westlake, OH.



OXYTOTE SYSTEM SPECIFICATIONS

	MNS-602	MNS-603
Cylinder Size	425 liter "D" Aluminum	679 liter "E" Aluminum
System Size	21-5/8" H x 4-1/2" W	30-5/8" H x 4-1/2" W
System Weight	7.4 lbs.	9.8 lbs.
Regulator Flow (SLPM)	1/2 - 25	1/2 - 25



OxyTOTE OXYGEN REGULATOR WITH SURECLICK™ FEATURE

The OxyTOTE™ regulator is perfect for transporting and dispensing oxygen in one easy-to-use package. With Western's innovative concept and design, the OxyTOTE regulator provides optimal performance in a click-style regulator by delivering the liter flow needed without the time and frustration of matching regulators and cylinders. This unique design is a safe, easy-to-use and cost-effective method of distributing oxygen. The OxyTOTE, like all Western products, meets exacting standards for performance and reliability.

Sold separately or attached to cylinder

FEATURES:

- Regulator and cylinder valve combined into one unit
- User can initiate flow in one easy step
- Compact design with all brass body
- Maximum rated inlet pressure 3000 psi
- 1-1/2" diameter gauge
- Transfill through CGA-540 port
- Filtration throughout for maximum safety
- Integral reseating relief valve protects against over-pressurization
- Protective shroud ensures safety and lasting performance
- Hose barb outlet is standard
- Unit can be ordered with or without DISS (demand valve)
- 5 year limited warranty

OxyTOTE REGULATOR SPECIFICATIONS

(OxyTOTE Regulator Only)

Size	7-3/4" x 4-1/2"
Weight	2 lbs. 10 oz
OxyTOTE Flow (LPM)*	1/2, 1, 1-1/2, 2, 3, 4, 5, 6, 8, 10, 15, 25, AUX

*The 80X Series excludes 8 LPM flow setting.

OxyTOTE Features (Standard Version)

Durable polycarbonate cover protects regulator & valve assembly.

SureClick™ feature reduces the risk of dialing the flow selector between click settings, making it easier for clinicians to dial in and secure oxygen flow.

Brass regulator assembly incorporates post valve and flow control device into a single unit. Units are quickly refilled through a CGA-540 fill port on reverse side.

Easy-to-read 1-1/2" cylinder contents gauge.

Permanently assembled onto a lightweight aluminum cylinder.



Built in handle for portability.

On/Off flow control knob with adjustable flow rates of 1/2 – 25 liters per minute.

Tapered hose barb for attaching cannula. Barb outlet is recessed for protection against damage.

On/Off valve maximizes regulator life by minimizing its exposure to cylinder pressure.

OXYTOTE

without DISS 1240 Auxiliary port

	OxyTOTE Hose Barb Only	OxyTOTE Hose Barb & DISS outlet	OxyTOTE Hose Barb & DISS outlet No Shut Off Valve
DESCRIPTION	Part #	Part #	Part #
OxyTOTE Head only for aluminum cylinder	MTR-500	MTR-600	MTR-800
OxyTOTE Head only for steel cylinder	MTR-510	MTR-610	
OxyTOTE on C aluminum cylinder	MTS-501		
OxyTOTE on D aluminum cylinder	MTS-502	MTS-602	
OxyTOTE on E aluminum cylinder	MTS-503**	MTS-603*	MTS-803*
OxyTOTE on M6A aluminum cylinder	MTS-505		

*MR Conditional for use outside of the bore of an MR machine under the following conditions:
Static magnetic field of 3.0 Tesla or less and a spatial gradient field of 720 gauss/cm or less.

**The MTS-503 is MR Conditional for use outside of the bore of an MR machine under the following conditions:
Static magnetic field 3.0 Tesla or less and spatial gradient field of 3.3 Tesla/meter or less.



OxyTOTE SYSTEM SPECIFICATIONS

	MTS-503	MTS-502	MTS-501
Cylinder Size	679 liter "E" Aluminum	425 liter "D" Aluminum	246 liter "C" Aluminum
System Size	32-1/2" H x 4-1/2" W	23-1/2" H x 4-1/2" W	18" H x 4-1/2" W
System Weight	10.3 lbs.	7.9 lbs.	6.5 lbs.
Regulator Flow (SLPM)	1/2 - 25	1/2 - 25	1/2 - 25

AIR TOTE™ Portable Medical Air System with SureClick™ Feature



ALL-IN-ONE CONVENIENCE

Western's new AirTOTE™ portable medical air system brings a new level of simplicity and cost effectiveness to distributing medical air. Its all-in-one design incorporates a click-style regulator with a cylinder valve. The AirTOTE system is based on Western's OxyTOTE™ design, proven in years of use in thousands of locations.

The frustration and time of matching regulators and cylinders is eliminated, while your patients get their precise flow.

The AirTOTE™ system also includes Western's unique SureClick™ feature. SureClick reduces the risk of dialing the flow selector between click settings, making it easier for clinicians to dial in and secure air flow.

FEATURES:

- DISS 1160 auxiliary port (demand valve). Outlet pressure 50 psi
- Hose barb for use in controlled flow applications (cannot be used simultaneously with DISS)
- Regulator and cylinder valve combined into one unit
- User can initiate flow in one easy step
- Compact design with all brass body
- Maximum rated inlet pressure 3000 psi
- Transfill through CGA-346 port
- Filtration throughout for maximum safety
- Integral reseating relief valve protects against over-pressurization
- Protective shroud ensures safety and lasting performance
- 5 year limited warranty

AIR TOTE SPECIFICATIONS

Part #	Description	Size	Weight	Flow (LPM)
MTR-300	AirTOTE head only for aluminum cylinder	7-3/4" x 4-1/2"	2 lbs. 10 oz	1, 2, 3, 4, 6, 8, 10, 12, 15, 20, 25
MTS-303	AirTOTE on E aluminum cylinder	7-3/4" x 4-1/2"	2 lbs. 10 oz	1, 2, 3, 4, 6, 8, 10, 12, 15, 20, 25

OxyTOTE Features

Durable cover protects regulator & valve assembly.

Brass regulator assembly incorporates post valve and regulator into one single unit. Units are quickly refilled through a CGA-346 fill port on reverse side.

Easy-to-read 1-1/2" cylinder contents gauge.



Built in handle for portability.

On/Off flow control knob with adjustable flow rates of 1 – 25 liters per minute.

Medical outlet barb for attaching cannula. Barb outlet is recessed for protection against damage.

On/Off valve maximizes regulator life by minimizing its exposure to cylinder pressure.

AIR TOTE SYSTEM
with DISS 1160

Designed for pediatric, homecare, hospital and emergency applications

OPA SERIES FEATURES:

- Compact aluminum body
- Click-Style flow control
- Maximum inlet pressure 3000 psi
- Sintered filter for additional safety and to extend regulator life
- Internal reseating relief valve protects against over-pressurization
- 1-1/2" diameter gauge
- Tapered hose barb outlet
- 2 year limited warranty



OPA-840

Compact Click-Style Regulator with CGA-870 Yoke Inlet

OPA SERIES COMPACT REGULATORS

Part #	Flow Settings
CGA-870 Yoke	
OPA-810	1/64, 1/32, 1/16, 1/8, 1/4, 1/2, 3/4, 1, 1-1/2, 2 LPM
OPA-820	1/4, 1/2, 1, 2, 3, 4, 6, 8, 10, 15 LPM
OPA-840	1/2, 1, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8 LPM
OPA-850	1/2, 1, 2, 3, 4, 6, 8, 10, 15, 25 LPM
CGA-540 Nut and Nipple - Handtight	
OPA-510	1/64, 1/32, 1/16, 1/8, 1/4, 1/2, 3/4, 1, 1-1/2, 2 LPM
OPA-520	1/4, 1/2, 1, 2, 3, 4, 6, 8, 10, 15 LPM
OPA-540	1/2, 1, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8 LPM



OPA-520

Compact Click-Style Regulator with handtight CGA-540 Nut and Nipple Inlet

EXTENDED CLICK-STYLE REGULATORS

OPL SERIES FEATURES:

- Same as OPA Series PLUS:
- Extended body with DISS 1240 outlet for use with a humidifier bottle

OPL SERIES EXTENDED REGULATORS

Part #	Flow Settings	Outlet Connection
CGA-870 Yoke		
OPL-821	1/4, 1/2, 1, 2, 3, 4, 6, 8, 10, 15 LPM	DISS 1240
CGA-540 Nut and Nipple		
OPL-521	1/4, 1/2, 1, 2, 3, 4, 6, 8, 10, 15 LPM	DISS 1240



OPL-821

Extended Click-Style Regulator with DISS 1240 Outlet Connection Shown with PX-1003 Humidifier Bottle

WESTERN MINI OXYGEN REGULATORS

Western Mini Oxygen Regulators are everything you need for homecare in the smallest, lightest, most affordable regulator we've ever made!

FEATURES:

- Click-Style flow control for ease of use
- Compact and lightweight aluminum body to aid portability
- Brass high-pressure insert to assure safety
- Sintered filter for additional safety and to extend regulator life
- 1-1/2" diameter gauge is easy to read
- Maximum inlet pressure 3000 psi
- Available in CGA-870 yoke style only
- 1 year warranty

Part #	Flow Settings	Outlet Connection
MLR-115	1/4, 1/2, 1, 1-1/2, 2, 3, 4, 5, 6, 7, 8, 10, 15	1/4" OD hose barb



OCTI-FLO₂TM
Portable Emergency
Oxygen Manifold



MDM-8

OCTI-FLO₂ Portable Emergency Oxygen Manifold

- Used for mass casualty, EMS, and triage situations
- Oxygen delivery for up to 8 patients
- Flowmeters are individually controlled
- 8 easy-to-read Click-Style flowmeters from 0-25 lpm
- Pressure gauge on manifold
- Standard DISS 1240 inlet and a 100 PSI relief valve safety feature
- Lightweight and compact durable aluminum construction
- 4 Cannulas, 8 breathing masks, and compact carrying case included
- Affordable high quality craftsmanship for years of dependable service
- 2 year limited warranty

Optional Components to Complete the Emergency Oxygen Delivery System

- 0-100 PSI Regulator
- DISS 20' Oxygen Hose



M1-540-PG
 (0-100 psi)



C40X-240FHTFHT
 (Oxygen medical hose)



Accessories for Other EMS Applications

- Wrenches
- Replacement Parts
- Washers
- T-handles
- Post Valves

MCW - 2BC



MCW - 3P



2544-2

SINGLE & TWO-STAGE OXYGEN FLOW GAUGE REGULATORS

FEATURES:


- Chrome-plated brass body with all brass high-pressure chamber
- Maximum inlet pressure 3000 psi
- Durable neoprene diaphragm
- Internal reseating relief valve protects against over-pressurization
- Sintered filter for additional safety and to extend regulator life
- 2" diameter gauges
- 6 year limited warranty

COMPACT MODELS (MR SERIES)

- Single-stage with CGA-870 swivel yoke to add convenience for orientation
- 1-1/2" diameter gauges

TWO STAGE MODELS:

- Two stage design for applications where flow control accuracy is critical such as calibration and testing



HELPFUL TIPS

First stage reduces high pressure to 170 psi; second stage reduces to provide greater accuracy at lower flow settings

MODEL #	FLOW RANGE	INLET
SINGLE-STAGE		
M1-870-5FG	1/2-5 LPM	Yoke
M1-540-8FG	1-8 LPM	Nut and Nipple
M1-540-15FG	2-15 LPM	Nut and Nipple
M1-870-15FG	2-15 LPM	Yoke
MR-870-15FG	2-15 LPM	Yoke
PEDIATRIC SINGLE STAGE		
M1-540-PED3	1/32- 1/2 LPM	Nut and Nipple
M1-870-PED3	1/32- 1/2 LPM	Yoke
M1-540-PED	1/8-1 LPM	Nut and Nipple
M1-870-PED	1/8-1 LPM	Yoke
MR-870-PED	1/8-1 LPM	Swivel Yoke
TWO-STAGE		
M2-540-15FG	2-15 LPM	Nut and Nipple



M1-870-15FG

Single-Stage Regulator with CGA-870 Connection



M2-540-15FG

Two-Stage Regulator with CGA-540 Connection



MR-870-8FG



SINGLE-STAGE ADJUSTABLE DELIVERY PRESSURE REGULATORS



M1-910-PG

Single-Stage Adjustable Regulator
with CGA-910 Yoke



M1-326-PGH

Single-Stage Adjustable Regulator
with CGA-326 Handtight Nut

FEATURES:

- Chrome-plated brass with all brass high-pressure chamber
- Maximum inlet pressure 3000 psi
- Durable neoprene diaphragm
- Internal reseating relief valve protects against over-pressurization
- Sintered filter for additional safety and to extend regulator life
- 2" diameter gauges
- Dual scale: psi and kPa
- Outlets are DISS gas specific
- 6 year limited warranty

ADJUSTABLE SINGLE-STAGE MODELS

GAS/MODEL	DELIVERY PRESSURE	CGA INLET CONNECTION
CARBON DIOXIDE		
M1-320-PG	0 - 100 psi	320-Nut and Nipple
M1-320-PGH	0 - 100 psi	320-Handtight Nut and Nipple
M1-940-PG	0 - 100 psi	940-Yoke
NITROUS OXIDE		
M1-326-PG*	0 -100 psi	326-Nut and Nipple
M1-326-PGH*	0 -100 psi	326-Handtight Nut and Nipple
M1-910-PG*	0 -100 psi	910-Yoke
MEDICAL AIR		
M1-346-PG	0 -100 psi	346-Nut and Nipple
M1-346-PGH	0 -100 psi	346-Handtight Nut and Nipple
M1-950-PG	0 -100 psi	950-Yoke
OXYGEN		
M1-540-PG	0 -100 psi	540-Nut and Nipple
M1-540-PGH	0 -100 psi	540-Handtight Nut and Nipple
M1-870-PG	0 -100 psi	870-Yoke
NITROGEN		
M1-580-PG	0 -100 psi	580-Nut and Nipple
M1-960-PG	0 -100 psi	960-Yoke
HELIUM		
M1-930-PG	0 -100 psi	930-Yoke
MIXTURES		
M1-500-PG	0 -100 psi	500-Nut and Nipple
M1-500-PGH	0 -100 psi	500-Handtight Nut and Nipple

*1000 psi gauge color – coded blue
See full CGA chart in back of catalog.

FEATURES:

- Chrome-plated brass body with all brass high-pressure chamber
- Maximum inlet pressure 3000 psi
- Durable neoprene diaphragm
- Internal reseating relief valve protects against over-pressurization
- Sintered filter for additional safety and to extend regulator life
- 2" diameter gauges
- 50 psi preset
- 6 year limited warranty

**M1A
PRESET WITH
HORIZONTAL
OUTLET**

**M1 PRESET
WITH 90°
OUTLET**

GAS/MODEL		CGA	CGA INLET
OXYGEN			
M1A-540-P	M1-540-P	540	Nut and Nipple
M1A-540-PH	M1-540-PH	540	Handtight Nut and Nipple
M1A-870-P	M1-870-P	870	Yoke
N/A	MR-870-P	870	Yoke (Compact Model)
CARBON DIOXIDE			
M1A-940-P	M1-320-P	320	Nut and Nipple
	M1-940-P	940	Yoke
NITROUS OXIDE			
	M1-326-P	326	Nut and Nipple
M1A-910-P	M1-910-P	910	Yoke
MEDICAL AIR			
M1A-346-P	M1-346-P	346	Nut and Nipple
M1A-346-PH	M1-346-PH	346	Handtight Nut and Nipple
M1A-950-P	M1-950-P	950	Yoke
NITROGEN			
	M1-580-PH	580	Handtight Nut and Nipple
	M1-580-P	580	Nut and Nipple
	M1-960-P	960	Yoke
MEDICAL GAS MIXTURES			
	M1-280-P	280	Nut and Nipple
	M1-500-P	500	Nut and Nipple
	M1-500-PH	500	Handtight Nut and Nipple
	M1-890-P	890	Yoke
MEDICAL HELIUM			
	M1-580A-PH	580	Handtight Nut and Nipple

See full CGA chart on inside back cover.



M1A-540-P

Single-Stage Preset Regulator with CGA-540 Nut & Nipple Inlet with Horizontal Outlet



M1-540-P

Single-Stage Preset Regulator with CGA-540 Nut & Nipple Inlet with 90° Outlet



M1A-870-P

Single-Stage Preset Regulator with CGA-870 Yoke Connection with Horizontal Outlet

FLOWMETER REGULATORS (ALL GASES)



M1-540-15FM

Single-Stage Preset Flowmeter Regulator with CGA-540 Nut and Nipple Inlet



NMR-870-15FM

Single-Stage Flowmeter Regulator with CGA-870 Yoke

OXYGEN MR CONDITIONAL SLIM-LINE FLOWMETER

MODEL	FLOW RANGE	REGULATOR PRESSURE	INLET
NMR-870-15FM	1/2 - 15 LPM	50 psi preset	CGA-870 Yoke

FEATURES:

- Chrome-plated brass body with all brass high-pressure chamber
- Maximum rated inlet pressure 3000 psi
- Durable neoprene diaphragm
- Internal reseating relief valve protects against over-pressurization
- Sintered filter for additional safety and to extend regulator life
- 2" diameter gauge
- 15 LPM Oxygen models provide 75 LPM flood minimum
- 7 LPM models restricted to 10 LPM maximum
- Polycarbonate inner and outer tubes provide greater accuracy and durability
- Includes plastic swivel hose barb (not shown)
- 6 year limited warranty

SINGLE STAGE MODELS

GAS/MODEL	FLOW RANGE	INLET CONNECTION
OXYGEN		
M1-540-8FM	1/2 - 7 LPM	CGA-540 Nut and Nipple
M1-540-8FMH	1/2 - 7 LPM	CGA-540 Handtight Nut and Nipple
M1-870-8FM	1/2 - 7 LPM	CGA-870 Yoke
M1-540-15FM	1/2 - 15 LPM	CGA-540 Nut and Nipple
M1-540-15FMH	1/2 - 15 LPM	CGA-540 Handtight Nut and Nipple
M1-870-15FM	1/2 - 15 LPM	CGA-870 Yoke
M1-540-15FMPTO	1 - 15 LPM	CGA-540 Nut and Nipple w/ Power Take Off
MEDICAL AIR		
M1-346-15FM	1 - 15 LPM	CGA-346 Nut and Nipple
M1-346-15FMH	1 - 15 LPM	CGA-346 Handtight Nut and Nipple
M1-950-15FM	1 - 15 LPM	CGA-950 Yoke
CARBON DIOXIDE		
M1-320-12FM	1/2 - 12 LPM	CGA-320 Nut and Nipple
M1-320-12FMH	1/2 - 12 LPM	CGA-320 Handtight Nut and Nipple
M1-940-12FM	1/2 - 12 LPM	CGA-940 Yoke

See full CGA chart on inside back cover

FLOWMETER FEATURES:

- Polycarbonate inner and outer tubes
- Calibrated at 50 psi inlet
- DISS 1240 outlet

REGULATOR FEATURES:

- All-Brass body and high-pressure chamber
- Internal reseating relief valve protects against over-pressurization
- 2" diameter gauge
- Sintered filter for additional safety and extended regulator life
- Durable neoprene diaphragm
- 3000 psi maximum inlet pressure
- DISS 1240 outlet

FEATURES:

- Chrome-plated brass body with all brass high-pressure chamber
- Maximum inlet pressure 3000 psi
- Durable neoprene diaphragm
- Internal reseating relief valve protects against over-pressurization
- Sintered filter for additional safety and to extend regulator life
- 2" diameter gauges
- OUTLET: Needle Valve with 1/8" Hose Barb (all models)
- 6 year limited warranty

PART #	CGA	INLET
M1-280-PGB	280	Nut and Nipple
M1-320-PGB	320	Nut and Nipple
M1-950-PGB*	950	Yoke
M1-500-PGB	500	Nut and Nipple
M1-973-PGB*	973	Yoke
M1-540-PGB	540	Nut and Nipple
M1-870-PGB*	870	Yoke

Note: For Handtight Nut add "H" to item number.

*Handtight option not available

See full CGA chart on inside back cover



M1-500-PGB

Single-Stage Clinical Instrument Regulator with CGA-500 Nut and Nipple Inlet



M1-870-PGB

Single-Stage Clinical Instrument Regulator with CGA-870 Yoke Inlet

LABORATORY STYLE REGULATORS

FEATURES:

- Chrome-plated brass body with all brass high-pressure chamber
- Maximum inlet pressure 3000 psi
- Durable Neoprene diaphragm
- Sintered filter for additional safety and to extend regulator life
- 2" diameter gauges
- Brass outlet shut-off valve
- External relief valve
- 1/4" male NPT outlet



MSH180346

Single-Stage
High Purity Medical Air Regulator
with CGA-346 Nut and Nipple Inlet

HIGH PURITY MODELS

MODEL	DELIVERY RANGE	MAX RATED FLOW SCFH AIR AT 2000 PSI*	INLET CONNECTION
MSH15XXX	0 - 15 psi	500 SCFH	Nut and Nipple or Yoke
MSH45XXX	0 - 45 psi	650 SCFH	Nut and Nipple or Yoke
MSH80XXX	0 - 80 psi	950 SCFH	Nut and Nipple or Yoke
MSH180XXX	0 - 180 psi	1000 SCFH	Nut and Nipple or Yoke
MSH450XXX	0 - 450 psi	1000 SCFH	Nut and Nipple or Yoke
MSG15XXX	0 - 15 psi	700 SCFH	Nut and Nipple or Yoke
MSG45XXX	0 - 45 psi	1350 SCFH	Nut and Nipple or Yoke
MSG80XXX	0 - 80 psi	2050 SCFH	Nut and Nipple or Yoke
MSG180XXX	0 - 180 psi	2750 SCFH	Nut and Nipple or Yoke
MSG450XXX	0 - 450 psi	2750 SCFH	Nut and Nipple or Yoke

*Maximum rated flow per CGA E-4 1994 at the stated inlet pressure

ORDERING EXAMPLE

Order by replacing X's in model number with desired CGA number from the Gas/ Inlet Connection chart. Example: MSH45XXX converts to MSH45320 for a Carbon Dioxide regulator with a CGA-320 nut and nipple inlet connection.

GAS/INLET CONNECTIONS

NUT & NIPPLE CGA	YOKE CGA	GAS ASSIGNMENT
280	880	Carbon Dioxide and Oxygen mixtures (CO ₂ not over 7%)
280	890	Helium and Oxygen mixtures (He not over 80%)
280	890	Nitrogen and Oxygen mixtures (O ₂ over 23.5%)
280	890	Xenon and Oxygen (O ₂ over 20%)
320	940	Carbon Dioxide
326	910	Nitrous Oxide
346	950	Medical Air
500	940	Carbon Dioxide and Oxygen mixtures (CO ₂ over 7%)
500	930	Helium and Oxygen mixtures (He not over 80%)
500	973	Carbon Dioxide, Oxygen and Nitrogen
500	973	Lung Diffusion Mixtures
500	973	Nonflammable, Noncorrosive Diagnostic and Medically Related Gas Mixtures
540	870	Oxygen
580	960	Nitrogen
580	930	Helium

Not all gases are available in various delivery pressure ranges.

EASY GUIDE TO WESTERN MEDICA PART NUMBERS

MEDICAL GAS FITTINGS

HOW IT WORKS:

M24-1

(M=Medical 24=DISS 1240 1= Part#)

Medical Oxygen DISS Nut

M54-1

(M=Medical 54=CGA-540 1=Part #)

Medical Oxygen Cylinder Nut

M87-1

(M=Medical 87=CGA-870 1=Part #)

Medical Oxygen Yoke

MEDICAL GAS REGULATORS

Part Number- M1-540-FG

(M=Medical 1=Single Stage 540=CGA-540 FG=Flow Gauge)

Description: Medical Single-Stage Oxygen Flow Gauge Regulator

FEATURES:

- Chrome-plated brass body with all brass high-pressure chamber
- Maximum inlet pressure 3000 psi
- Durable neoprene diaphragm
- Internal reseating relief valve protects against over-pressurization
- Sintered filter for additional safety and to extend regulator life
- 2" diameter gauges
- 6 year limited warranty



BREATHING MIXTURES AND MEDICAL MIXTURES

SINGLE STAGE ADJUSTABLE REGULATORS 0-100 psi					
CGA		PART #	INLET	DISS OUTLET	OUTLET PART #
BREATHING MIXTURES					
280	CO ₂ & O ₂ (CO ₂ not over 7%)	M1-280-PG	Nut and Nipple	1020	M02-5
880		M1-880-PG	CGA-880 Yoke	1200A	M20-5
890	He & O ₂ (He not over 80%)	M1-890-PG	CGA-890 Yoke	1240	M24-5
890	N ₂ & O ₂ (O ₂ over 23.5%)	M1-890-PG	CGA-890 Yoke	1240	M24-5
890	Xe & O ₂ (O ₂ over 20%)	M1-890-PG	CGA-890 Yoke	1240	M24-5
MEDICAL MIXTURES					
940	CO ₂ & O ₂ mixtures (CO ₂ , over 7%)	M1-940-PG	CGA-940 Yoke	1080A	M08-5
930	He & O ₂ (He over 80%)	M1-930-PG	CGA-930 Yoke	1060A	M06-5
500	CO ₂ & O ₂ & N ₂	M1-500-PG	Nut and Nipple	1020	M02-5
973	LUNG DIFFUSION MIXTURES	M1-973-PG	CGA-973 Yoke	1020	M02-5
BLOOD GAS MIXTURES					
500	Nonflammable, Noncorrosive Gas Mixtures Labeled as Drugs or Medical Devices and not having another connection assignment	M1-500-PG	Nut and Nipple	1020	M02-5
973		M1-973-PG	CGA-973 Yoke	1020	M02-5

MAGNETIC RESONANCE (MR) CONDITIONAL* REGULATORS



FMR100
Slim Line-Flowmeter



NMR-870-15FM
Single-Stage Flowmeter
Regulator

FLOWMETER FEATURES:

- Slim-Line Flowmeter assembled with non-magnetic components
- Anodized aluminum body with brass adjustment knob
- Polycarbonate inner and outer tubes
- Calibrated at 50 psi inlet
- DISS 1240 outlet

REGULATOR FEATURES:

- Flowmeter Regulator assembled with non-magnetic components
- Maximum inlet pressure 3000 psi
- Durable neoprene diaphragm
- Internal reseating relief valve protects against over-pressurization
- Sintered filter for additional safety and to extend regulator life
- 2" diameter gauge
- All-Brass body and high-pressure chamber
- DISS 1240 outlet

FLOWMETER MODELS

GAS	MODEL	FLOW RANGE	INLET PRESSURE	INLET FEMALE CONNECTION
Oxygen	FMR100	1/2 - 15 LPM	50 psi	1/8 - 27 NPT
Oxygen	FMR103	1/2 - 15 LPM	50 psi	DISS 1240 Nut And Nipple

FLOWMETER REGULATOR MODELS





GAS	MODEL	FLOW RANGE	INLET PRESSURE	INLET CONNECTION
Oxygen	NMR-870-15FM	1/2 - 15 LPM	50 psi Preset	CGA - 870 Yoke

*The products on this page are MR conditional for use outside the bore of an MR machine under the following conditions: Static magnetic field of 3.0 Tesla or less; Spatial gradient field of 3.3 Tesla/meter or less.



CYLINDER VALVES (3000 PSI) 3/4"-16 UNF-2A

1-1/8"-12 UNF-2A

			
MPV-872 Wrench Valve CGA-870	MPV-872 Wrench Valve with MPV-4027 Seal CGA-870	MPV-872T Toggle Valve CGA-870	QUE-9001 Spigot Valve for M60 & M Aluminum Cylinders CGA-540

Note: The cylinder valves listed are configured with proper relief mechanisms for use at 2015 and 2216 psi. Do not use where cylinder pressure ratings exceed these pressures.

ALUMINUM CYLINDER FEATURES:

- Aluminum cylinders are 40% lighter than steel
- Cylinders are cleaned for medical oxygen service
- Cylinder finish is easy to clean and maintain
- Straight thread design minimizes thread damage and with o-ring provides positive seal
- Order quantity minimum of 6

POST VALVE SEALS

MPV-4027	Post Valve Seal (Plastic Clip Dust Cover) see photo above
-----------------	--

Note: See page 34 for more oxygen accessories




M6 (B)

Portable Aluminum Cylinders with CGA-870 Post Valves*	11-3/4" x 3" • 2.2 lbs. 164 liters • 2216 psi 144/Pallet • 5.8 cu ft
Wrench Valve CGA-870 Toggle Valve CGA-870	WPX-8700-1W WPX-8700-1T

*Weights listed are without valves. Add 1/2 lb for each valve.

OXYGEN CYLINDERS AND ACCESSORIES

LITER METER

	PART #	DESCRIPTION
	MT200	1/2 - 8 LPM Flow Measurement
	MT300	3 - 15 LPM Flow Measurement

CYLINDER WRENCHES

PART #	DESCRIPTION
MCW-2B	Metal Wrench
MCW-2BC	Metal Wrench w/Security Chain
MCW-3P	Plastic Wrench
MCW-3PC	Plastic Wrench w/Security Chain

MCW - 2BC



MCW - 3P



LARGE ALUMINUM CYLINDERS WITH SPIGOT VALVES

M9 (C)

D

E

M60

M

10-1/2" x 4-1/2" • 3.6 lbs. 246 liters • 2015 psi 81/Pallet • 8.7 cu ft	16" x 4-1/2" • 5.1 lbs. 425 liters • 2015 psi 81/Pallet • 15.0 cu ft	25" x 4-1/2" • 7.3 lbs. 679 liters • 2015 psi 81/Pallet • 24.0 cu ft	23-1/2" x 7-1/4" • 22.5 lbs. 1699 liters • 2216 psi 42/Pallet • 60.0 cu ft	36-1/4" x 8" • 40.1 lbs. 3454 liters • 2216 psi 25/Pallet • 122.0 cu ft
WPX-8701-1T	WPX-8702-1T	WPX-8703-1W WPX-8703-1T	WPX-5405-1 (CGA-540) Spigot Valve	WPX-5406-1 (CGA-540) Spigot Valve

Size shown not proportionally correct.

SHOULDER PACKS

Part #	Description
PX-1011	Black Nylon Bag for C Cylinder
PX-1013	Black Nylon Bag for D Cylinder
PX-1014	Black Nylon Bag for E Cylinder
PX-1048	Vertical Carrying Bag, vented
PX-1010	Horizontal Carrying Bag (duffel style), vented Holds M4 (A), M6 (B), M6A (ML6), and M9 (C) Cylinders



PX-1011
(Bag only)

PX-1013
(Bag only)



PX-1014
(Bag only)



PX-1048



PX-1010

CYLINDER RELATED EQUIPMENT

OTHER EQUIPMENT

Part #	
MW-87	Halar Yoke Washer (one time use only)
2544-2	Brass and Viton Yoke Washer
PX-1003	Humidifier Bottle
PX-1850	Dual Lumen Cannula, 5'
PX-1000	Single Lumen Cannula, 7' Call to order a variety of pressure gauges. See page 44
PX-1002	Adult O ₂ Mask w/ tubing
M24-45P	Nut and Nipple to Tapered Barb (green)
M24-45PGR	Same as above (Grey)
M24-45PW	Same as above (white)
M24-45PY	Same as above (yellow)
M00-3	T-Handle
M00-9	T-Handle with 6" grip
MTT-1K	1/4" PTFE Tape
MTT-2K	1/2" PTFE Tape
MTT-3	Formula 8 PTFE Paste



MW-87
(one time use only)



2544-2



PX-1002



PX-1003



PX-1850



M24-45PW



M24-45P



M00-3



M00-9



MTT-1K



MTT-2K



MTT-3

CYLINDER CARTS

Part #	Cylinder	Capacity	Width (in.)	Depth (in.)	Height (in.)	Weight (lbs.)
PX-1020	D or E	1	12.5	12	44	4.64
PX-1060	D or E	1	12.5	12	44	4.6
HCC5-M	D or E	2	14	14	42	11
HCC1-M	M60 or M	1	13	12	39	17
HCC2-M	M60, M or H	1	18	16	47	28
HCC3-M	M60, M or H	1	15	20	35	29
MCC1	D or E	12	22	20	42	40
MCC2	D or E	28	20	30	42	64



PX-1020



HCC5-M



HCC1-M



HCC2-M



HCC3-M



MCC1



MCC2

CYLINDER RACKS AND STANDS

CYLINDER RACKS AND STANDS

Part #	Cylinder	Capacity	Width (in.)	Depth (in.)	Height (in.)	Weight (lbs.)
PX-1025	C,D or E	6	16	10.5	7.25	10
PX-1027	C,D or E	12	20.5	15.8	7	13.18
PX-1029	M6 (B)	12	17	12.5	9.25	10.3
PX-1034	D or E	40	40	25	20	75
MCS	C,D or E	1	9.4	9.4	4	2
HCS2-M	M60, M or H	1	19	18.25	11	14
HCS3-M	M60 or M	1	19	18.25	11	5



PX-1025



PX-1027



PX-1029






PX-1034



MCS



HCS2-M

INLET	FLOWMETERS WITH FITTING
Flowmeter with Standard Inlet (1/8 NPT Female)	FM101 1/2–15 LPM FM201 1/2–7 LPM
 1/4 NPT Male	FM102 1/2–15 LPM FM202 1/2–7 LPM
 DISS Hex Nut and Nipple	FM103 1/2–15 LPM FM203 1/2–7 LPM
 DISS Handtight Nut and Nipple*	FM104 1/2–15 LPM FM204 1/2–7 LPM

*Canadian color-coding available on most models, add "C" to part number.

FLOWMETER FEATURES:

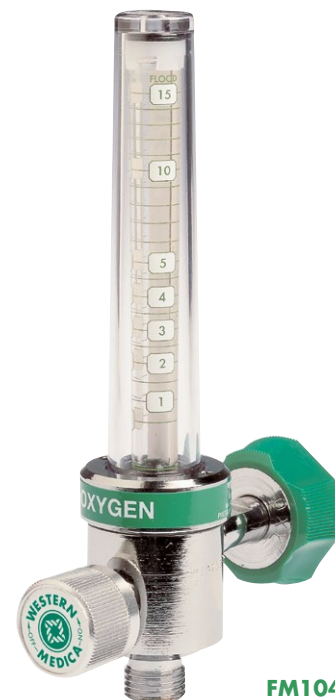
- Full line of inlet connections
- Optional Power Take-Off units provide 50 psi additional outlet pressure
- Polycarbonate inner and outer tubes provide greater durability
- Calibrated at 50 psi inlet
- Double units for multi-patient use
- DISS 1240 outlet
- 6 year limited warranty

OPTIONS:





- Order 2052 for safety chain assembly.



FM101






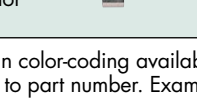


FM104

FLOWMETERS WITH FITTING	INLET
FM106 1/2–15 LPM	 Oxequip® Adaptor
FM107 1/2–15 LPM	 Ohmeda® Adaptor*
FM108 1/2–15 LPM FM208 1/2–7 LPM	 Puritan® Adaptor
FM109 1/2–15 LPM	 Chemetron® Adaptor*

*Canadian color-coding available on most models, add "C" to part number. Example FM601C

FM – Brass Body

INLET	FLOWMETERS WITH FITTING	
	MEDICAL AIR 1-15 LPM	CARBON DIOXIDE 1/2-12 LPM
Flowmeter Without Fitting Standard Inlet 1/8 NPT Female 	FM601	FM801
 1/4 NPT Male	FM602	FM802
 DISS Hex Nut and Nipple	FM603	FM803
 DISS Handtight Nut and Nipple*	FM604	NA
 Ohmeda® Adaptor*	FM607	NA
 Chemetron® Adaptor*	FM609	NA







FLOWMETER FEATURES:

- Full line of inlet connections
- Optional Power Take-Off (PTO) units provide 50 psi additional outlet pressure
- Polycarbonate inner and outer tubes provide greater durability
- Calibrated at 50 psi inlet
- Double units for multi-patient use
- 6 year limited warranty

OPTIONS:

- Order 2052 for safety chain assembly.

*Canadian color-coding available on most models, add "C" to part number. Example OR203-2C

 <p>Chemetron® Male Adaptor*</p>	<p>MQ101 1/8 NPT Male MQ101-1 1/4 Hose Barb MQ101-2 DISS Male MQ101-3 1/4 NPT Male MQ101-4 1/8 NPT Female MQ101-5 Handtight Nut and Nipple MQ101-6 DISS Nut and Nipple</p>
 <p>Chemetron® Female Adaptor*</p>	<p>OR101 1/8 NPT Female OR101-1 1/4 Hose Barb OR101-2 DISS Male OR101-3 1/4 NPT Male OR101-4 1/8 NPT Male OR101-5 Handtight Nut and Nipple OR101-6 DISS Nut and Nipple</p>
 <p>Ohmeda® Male Adaptor*</p>	<p>MQ201 1/8 NPT Male MQ201-1 1/4 Hose Barb MQ201-2 DISS Male MQ201-3 1/4 NPT Male MQ201-4 1/8 NPT Female MQ201-5 Handtight Nut and Nipple MQ201-6 DISS Nut and Nipple</p>
 <p>Ohmeda® Female Adaptor*</p>	<p>OR201 1/8 NPT Female OR201-1 1/4 Hose Barb OR201-2 DISS Male OR201-3 1/4 NPT Male OR201-4 1/8 NPT Male OR201-5 Handtight Nut and Nipple OR201-6 DISS Nut and Nipple</p>
 <p>Oxequip® Male Adaptor</p>	<p>MQ301 1/8 NPT Male MQ301-1 1/4 Hose Barb MQ301-2 DISS Male MQ301-3 1/4 NPT Male MQ301-4 1/8 NPT Female MQ301-5 Handtight Nut and Nipple MQ301-6 DISS Nut and Nipple</p>
 <p>Puritan® Male Adaptor</p>	<p>MQ401 1/8 NPT Male MQ401-1 1/4 Hose Barb MQ401-2 DISS Male MQ401-3 1/4 NPT Male MQ401-4 1/8 NPT Female MQ401-5 Handtight Nut and Nipple MQ401-6 DISS Nut and Nipple</p>

1



or



1/4" Hose Barb Female

2



DISS Male

3



1/4" NPT Male

4



or



1/8" NPT Male 1/8" NPT Female

5



DISS Handtight Nut and Nipple*

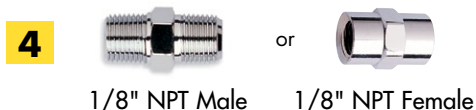
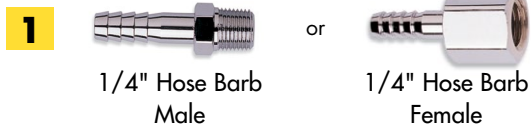
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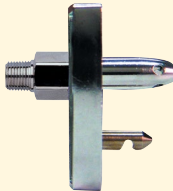
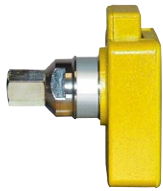






DISS Nut and Nipple

50 psi Nominal Working Pressure

*Canadian color-coding available on most models. Add "C" to part number. Example: MQ101-4C

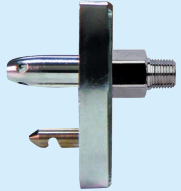







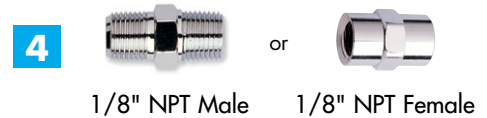
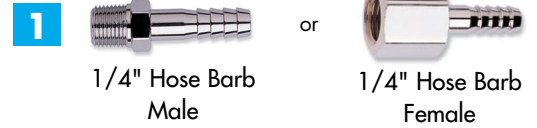
 Chemetron® Male Style*	<p>MQ102 1/8 NPT Male MQ102-1 1/4 Hose Barb MQ102-2 DISS Male MQ102-3 1/4 NPT Male MQ102-4 1/8 NPT Female MQ102-5 Handtight Nut and Nipple MQ102-6 DISS Nut and Nipple</p>
 Chemetron® Female Style*	<p>OR102 1/8 NPT Female OR102-1 1/4 Hose Barb OR102-2 DISS Male OR102-3 1/4 NPT Male OR102-4 1/8 NPT Male OR102-5 Handtight Nut and Nipple OR102-6 DISS Nut and Nipple</p>
 Ohmeda® Male Style*	<p>MQ202 1/8 NPT Male MQ202-1 1/4 Hose Barb MQ202-2 DISS Male MQ202-3 1/4 NPT Male MQ202-4 1/8 NPT Female MQ202-5 Handtight Nut and Nipple MQ202-6 DISS Nut and Nipple</p>
 Ohmeda® Female Style*	<p>OR202 1/8 NPT Female OR202-1 1/4 Hose Barb OR202-2 DISS Male OR202-3 1/4 NPT Male OR202-4 1/8 NPT Male OR202-5 Handtight Nut and Nipple OR202-6 DISS Nut and Nipple</p>
 Oxequip® Male Style	<p>MQ302 1/8 NPT Male MQ302-1 1/4 Hose Barb MQ302-2 DISS Male MQ302-3 1/4 NPT Male MQ302-4 1/8 NPT Female MQ302-5 Handtight Nut and Nipple MQ302-6 DISS Nut and Nipple</p>
 Puritan® Male Style	<p>MQ402 1/8 NPT Male MQ402-1 1/4 Hose Barb MQ402-2 DISS Male MQ402-3 1/4 NPT Male MQ402-4 1/8 NPT Female MQ402-5 Handtight Nut and Nipple MQ402-6 DISS Nut and Nipple</p>

50 psi Nominal Working Pressure

*Canadian color-coding available on most models. Add "C" to part number. Example: MQ204-2C

QUICK CONNECTS – NITROUS OXIDE

 <p>Chemetron® Male Style*</p>	<p>MQ103 1/8 NPT Male MQ103-5 Handtight Nut and Nipple MQ103-6 DISS Nut and Nipple</p>
 <p>Chemetron® Female Style*</p>	<p>OR103 1/8 NPT Female OR103-1 1/4 Hose Barb OR103-2 DISS Male OR103-3 1/4 NPT Male OR103-4 1/8 NPT Male OR103-5 Handtight Nut and Nipple OR103-6 DISS Nut and Nipple</p>
 <p>Ohmeda® Male Style*</p>	<p>MQ203 1/8 NPT Male MQ203-1 1/4 Hose Barb MQ203-2 DISS Male MQ203-3 1/4 NPT Male MQ203-4 1/8 NPT Female MQ203-5 Handtight Nut and Nipple MQ203-6 DISS Nut and Nipple</p>
 <p>Ohmeda® Female Style*</p>	<p>OR203 1/8 NPT Female OR203-1 1/4 Hose Barb OR203-2 DISS Male OR203-3 1/4 NPT Male OR203-4 1/8 NPT Male OR203-5 Handtight Nut and Nipple OR203-6 DISS Nut and Nipple</p>
 <p>Oxequip® Male Style</p>	<p>MQ303 1/8 NPT Male MQ303-1 1/4 Hose Barb MQ303-2 DISS Male MQ303-3 1/4 NPT Male MQ303-4 1/8 NPT Female MQ303-5 Handtight Nut and Nipple MQ303-6 DISS Nut and Nipple</p>
 <p>Puritan® Male Style</p>	<p>MQ403 1/8 NPT Male MQ403-1 1/4 Hose Barb MQ403-2 DISS Male MQ403-3 1/4 NPT Male MQ403-4 1/8 NPT Female MQ403-5 Handtight Nut and Nipple MQ403-6 DISS Nut and Nipple</p>



50 psi Nominal Working Pressure

*Canadian color-coding available on most models. Add "C" to part number. Example: OR203-2C

1



1/4" Hose Barb Male

or



1/4" Hose Barb Female

2



DISS Male

3



1/4" NPT Male

4



1/8" NPT Male

or



1/8" NPT Female

5









DISS Handtight Nut and Nipple*

6



DISS Nut and Nipple











 Chemetron® Male Style*	<p>MQ104 1/8 NPT Male MQ104-1 1/4 Hose Barb MQ104-2 DISS Male MQ104-3 1/4 NPT Male MQ104-4 1/8 NPT Female MQ104-5 Handtight Nut and Nipple MQ104-6 DISS Nut and Nipple</p>
 Chemetron® Female Style*	<p>OR104 1/8 NPT Female OR104-1 1/4 Hose Barb OR104-2 DISS Male OR104-3 1/4 NPT Male OR104-4 1/8 NPT Male OR104-5 Handtight Nut and Nipple OR104-6 DISS Nut and Nipple</p>
 Ohmeda® Male Style*	<p>MQ204 1/8 NPT Male MQ204-1 1/4 Hose Barb MQ204-2 DISS Male MQ204-3 1/4 NPT Male MQ204-4 1/8 NPT Female MQ204-5 Handtight Nut and Nipple MQ204-6 DISS Nut and Nipple</p>
 Ohmeda® Female Style*	<p>OR204 1/8 NPT Female OR204-1 1/4 Hose Barb OR204-2 DISS Male OR204-3 1/4 NPT Male OR204-4 1/8 NPT Male OR204-5 Handtight Nut and Nipple OR204-6 DISS Nut and Nipple</p>
 Oxequip® Male Style	<p>MQ304 1/8 NPT Male MQ304-1 1/4 Hose Barb MQ304-2 DISS Male MQ304-3 1/4 NPT Male MQ304-4 1/8 NPT Female MQ304-5 Handtight Nut and Nipple MQ304-6 DISS Nut and Nipple</p>
 Puritan® Male Style	<p>MQ404 1/8 NPT Male MQ404-1 1/4 Hose Barb MQ404-2 DISS Male MQ404-3 1/4 NPT Male MQ404-4 1/8 NPT Female MQ404-5 Handtight Nut and Nipple MQ404-6 DISS Nut and Nipple</p>

50 psi Nominal Working Pressure

*Canadian color-coding available on most models. Add "C" to part number. Example: MQ204-2C

OXYGEN DISS NUTS, NIPPLES & BODY ADAPTORS










DISS 1240		200 psi Max.			
NUTS (9/16-18 Thread)		NIPPLES (DISS 1240)		BODY ADAPTORS (DISS 1240)	
M24-1	1 1/16" Hex	M24-8HN	1/4" Hose Barb 2" w/O-Ring	M24-4	1/8" NPT Male
M24-2	Knurled Handtight	M24-10	1/8" NPT Male x 1-1/2" w/Wrench Flats	M24-5	1/4" NPT Male
M24-2P	Handtight w/Green Collar	M24-11	1/8" NPT Male x 1-1/2" w/Wrench Flats and O-Ring	M24-6	1/8" NPT Female
M24-2PA	Handtight Nut Ass'y 1/8" NPT Green	M24-12	Tapered 3/16" to 3/8" Hose Barb	M24-7	1/4" NPT Female
M24-2PH	Hex Handtight w/Green Collar	M24-13	Tapered 3/16" to 3/8" Hose Barb w/O-Ring	M24-8	1/4" Hose Barb
M24-2PW	Handtight Canada w/White Collar	M24-14	1/4" Hose Barb	M24-9	3/16" Hose Barb
M24-3	Wing Nut	M24-15	1/4" Hose Barb w/O-Ring		
M24-33	DISS 1240F x 1/4" NPT Male	M24-16	3/16" Hose Barb		
		M24-17	3/16" Hose Barb w/O-Ring		
		M24-18	O-Ring Replacement		
		M24-41	1/8" NPT Male x 1" Broached for Allen Wrench		
		M24-42	1/8" NPT Male x 1" Broached w/O-Ring		
		M00-6	Retaining Ring		
		M00-8	Retaining Ring Tool		

			
M24-2	M24-1	M24-10	M24-5
			
M24-2P	M24-2PA	M24-13	M24-7
			
		M24-14	M24-8




Important: 1. Hose used on straight barbed hose fittings should be secured with crimp-style hose ferrules or proper clamps
 2. Nipples with O-Ring should be used when using Handtight nuts to insure proper seal.

OXYGEN DISS SPECIAL ADAPTORS

DISS 1240		9/16" Thread		200 psi Max.	
90°		STRAIGHT		MISCELLANEOUS	
M24-27	Female to Male	M24-32	Female to 1/8" NPT Male	M24-24	Female to 1/4" Hose Barb
M24-28	Female to 1/8" NPT Male	M24-33	Female to 1/4" NPT Male	M24-25	Female to Female
M24-29	Female to 1/4" NPT Male	M24-34	Female to 1/8" NPT Female	M24-26	Male to Male
M24-30	Female to 1/8" NPT Female	M24-35	Female to 1/4" NPT Female	M24-47	Female Handtight to Tapered
M24-31	Female to 1/4" NPT Female	M24-36	Female to 1/8" NPT Male 2-1/2"		
M24-38	Male to DISS Male	M24-37	Female to 1/4" NPT Female 2-1/2"		
M24-39	Male to 1/4" NPT Male				
M24-43	Male to Female, with 1-3/4" Nipple Extension				


		
M24-27	M24-36	M24-25
		
M24-29	M24-33	M24-26
		
M24-39	M24-35	M24-24

OXYGEN DUST CAPS, GAS TIGHT CAPS, SWIVEL CONNECTIONS







DISS 1240 9/16-18 UNF Thread 200 psi Max.		
DUST CAPS (NOT FOR GAS SEAL)	GAS TIGHT CAPS	PLASTIC SWIVEL CONNECTORS
<p>M24-48H Black Cap w/Chain and Ring</p> <p>M24-48S Black Cap w/Chain and Eyelet</p>  <p>M24-48H</p>	<p>M24-20 Chrome Cap w/Chain and Ring</p>  <p>M24-20</p>	<p>M24-45P Nut and Nipple to Tapered Barb (Green)</p> <p>M24-45PGR Nut and Nipple to Tapered Barb (Grey)</p> <p>M24-45PW Nut and Nipple to Tapered Barb (White)</p> <p>M24-45PY Nut and Nipple to Tapered Barb (Yellow)</p>  <p>M24-45P</p> <p>M24-45PW</p>

DISS 1240 9/16-18 UNF Thread 200 psi Max.		
<p>MY-1 DISS Female Inlet to Male DISS Outlet</p>  <p>MY-1</p>	<p>MY-2S Female DISS Inlet to Male DISS with Shut-off Valves</p>  <p>MY-2S</p>	<p>MY-7 Female DISS Inlet to 1/4" NPT Female Outlets</p>  <p>MY-7</p>



ANODIZED ALUMINUM MULTIPLE PORT BLOCK (oxygen only) Three 1/4 NPT Outlets 200 psi Max.		
<p>M24-80-1 1/8 NPT Inlet in 1/4 NPT Outlets (3 Outlets)</p> <p>M24-80-2 Slide Plate (fits into wall mount bracket)</p> <p>M24-80-3 Wall Mount Bracket</p>  <p>M24-80-1</p>  <p>M24-80-2</p>  <p>M24-80-3</p>	<p>Block Part # M24-80-1 can be provided with 3 DISS demand valve outlets. Block is standard 1/8 NPT female inlet.</p> <p>Other available inlets with 3 DISS 1240 outlets:</p> <p>M24-80 1/8 NPT</p> <p>M24-84 DISS Nut & Nipple</p>	

ANODIZED ALUMINUM MULTIPLE PORT BLOCK (oxygen only) Two 1/4 NPT Outlets 200 psi Max.	
 <p>M00-70</p>	<p>Anodized Aluminum 200 psi</p> <p>M00-70 1/8" NPT Female Inlet to 1/4" NPT Female Outlets</p> <p>M00-71 1/4" NPT Female Inlet to 1/4" NPT Female Outlets</p>

OXYGEN DEMAND, CHECK & REVERSE FLOW VALVES

OXYGEN DISS 1240 9/16" Thread 200 psi Max		
DEMAND VALVES	CHECK VALVES	REVERSE FLOW VALVES
500 SCFH Flow @ 50 psi	50 psi	1000 SCFH flow @ 50 psi
M24-40 1/8" NPT Male to DISS M24-50 1/4" NPT Male to DISS	M24-4CV 1/8" NPT Male 50 psi M24-5CV 1/4" NPT Male 50 psi MCV-3 Flow into 1/4 NPT Male Inlet to 9/16-18 Male Outlet	MCV-1 Flow into 9/16-18 Male Inlet to Female Outlet MCV-2 Flow into 9/16-18 Male inlet to Male Outlet
 M24-50	 M24-5CV	 MCV-1  MCV-2  MCV-3
Adaptors		
MD-1 1/8" NPT Male to 1/8" NPT Female MD-2 1/4" NPT Male to 1/8" NPT Female MD-3 1/4" NPT Male to 1/4" NPT Female	 MD-3	Important: Must be used with demand valve when plunger hole depth is not sufficient to clear forward travel of plunger when connection is made. Always check for full flow after installation.

OXYGEN SHUT-OFF VALVES

DISS 1240 9/16-18 Thread 200 psi Max.	
PCTFE (Kel-f) Tip & PTFE Packing	
MV-1S 9/16-18 Female Inlet to 9/16-18 Male Outlet MV-2S 1/4" NPT Male Inlet to 9/16-18 Male Outlet MV-3S 9/16-18 Male Inlet to 1/4" NPT Male Outlet MV-5S 9/16-18 Male Inlet to 9/16-18 Male Outlet	 MV-1S  MV-3S

Demand Valves




Gas is checked w/out connection being made. Flow occurs when proper connection is made.

Check Valves

Gas flows into and through the DISS portion of the fitting and is checked in the opposite direction. Does not operate as a demand valve.

Reverse Check Valves


For inline gas flow. Prevents backflow of gases.

PRESSURE and FLOW		1/4" NPT AND 1/8" NPT		WHITE FACE with GREEN NUMBERS					
									
MG-C2		MG-C63		MG-C23					
BOTTOM PORT				BACK PORT					
MG-C1	4000 psi	1-1/2" OD	1/8" NPT	Chrome	MG-C6*	15 LPM	1-1/2" OD	1/8" NPT	Chrome
MG-C2	4000 psi	2" OD	1/4" NPT	Chrome	MG-C23	4000 psi	1-1/2" OD	1/8" NPT	Chrome
MG-C3	100 psi	1-1/2" OD	1/8" NPT	Chrome	MG-C33*	8 LPM	1-1/2" OD	1/8" NPT	Chrome
MG-C4	100 psi	2" OD	1/4" NPT	Chrome	MG-C35	4000 psi	1-1/2" OD	1/8" NPT	Chrome
MG-C5	15 LPM*	1-1/2" OD	1/8" NPT	Chrome	MG-C67*	1-8 LPM	1-1/2" OD	1/8" NPT	Chrome
MG-C7	15 LPM*	2" OD	1/4" NPT	Chrome	MG-C75	3000 psi	1-1/2" OD	1/8" NPT	Chrome
MG-C8	5 LPM*	2" OD	1/4" NPT	Chrome	MJ-C1P	3000 psi	1-1/2" OD	1/8" NPT	Stainless
MG-C31	8 LPM*	2" OD	1/4" NPT	Chrome	MJ-C2	4000 psi	1-1/2" OD	1/8" NPT	Stainless
MG-C32	8 LPM*	2" OD	1/8" NPT	Chrome					
MG-C34	4000 psi	2" OD	1/4" NPT	Chrome					
MG-C63	1/8 LPM*	2" OD	1/4" NPT	Chrome					
MG-C68	1/2 LPM*	2" OD	1/4" NPT	Chrome					


OXYGEN REGULATOR REPLACEMENT OUTLET ORIFICE BUSHINGS

For use on Western Flow Gauge Regulators Only

STRAIGHT DISS			STRAIGHT BARB	
10-NPD3	1/2 LPM	1/4 NPT Male	10-NSP-2	5 LPM 26mm 3/16" Barb to 1/8 NPT Male
10-NPD	1 LPM	1/4 NPT Male	10-N77-2	15 LPM #77 3/16' to 1/8 NPT Male
10-NSP	5 LPM 26mm	1/4 NPT Male		
10-N80	8 LPM #80	1/4 NPT Male		
10-N77	15 LPM #77	1/4 NPT Male		



10-NPD



10-N77-2

*Note: Above orifice configurations match the designated gauge and are required to insure proper performance. When ordering oxygen LPM flow gauges to be used on corresponding Western regulators, the following orifice outlet bushings are required. Choose the proper configuration per chart above.

15 LPM	8 LPM	5 LPM	1 LPM	1/2 LPM
10-N77	10-N80	10-NSP	10-NPD	10-NPD3
10-N77-2		10-NSP-2		

OXYGEN HIGH PRESSURE FITTINGS AND PIGTAILS

CYLINDER CONNECTIONS 3000 psi max

NUTS CGA-540

- M54-1** Oxygen Cylinder Nut
- M54-10** Handtight Nut (Brass)
- M54-10P** Handtight Nut w/ Plastic Grip



M54-1



M54-10P

NIPPLES CGA-540

- M54-2** 1/4" NPT Male x 2"
- M54-3** 1/4" NPT Male x 2" w/Filter
- M54-4** 1/4" NPT Male x 2-1/2"
- M54-5** 1/4" NPT Male x 2-1/2" w/Filter
- M54-5CV** 1/4" NPT Male x 2-1/2" Check and Filter
- M54-6** 1/4" NPT Male x 3"
- M54-7** 1/4" NPT Male x 3" w/Filter
- M54-11** 1/4" NPT Male x 2-1/2" w/Soft Tip
- M54-11S** 1/4" NPT Male x 2-1/2" w/Soft Tip and Filter
- M54-12** Soft Tip Replacement
- M54-13** 1/4" NPT Male x 4-1/2"



M54-5



M54-11

COUPLER TEES

w/Cylinder Valve Outlets 3000 psi Max

- M54-16** CGA-540 w/Female Inlet to 2 Male Outlets
- M54-17** CGA-540 w/Female Inlet Check Valve to 2 Male Outlets



M54-16

PLUG & CHAIN ASSEMBLY




Provides gas tight seal 3000 psi Max.

- M54-22** CGA-540



M54-22

OXYGEN PIN INDEX YOKES & POST VALVES/SPIGOT VALVES 3000 PSI MAX

CGA-540 Male Outlet	1/4 NPT Male Outlet	1/2 NPT Male Outlet
 M87-1	 M87-4	 M87-8

OXYGEN YOKES CGA-870 See Page 41 For Yoke Replacement Parts	
PART #	OUTLET
M87-1	CGA-540 Male Thread
M87-1H	CGA-540 Handtight Male Thread
M87-4	1/4 NPT Male
M87-4CV	1/4 NPT Male w/Check Valve
M87-4S	1/4 NPT Male w/Swivel
M87-4H	1/4 NPT Male w/Handtight Yoke
M87-8	1/2 NPT Male
M87-5	Swivel Assembly For Compact Regulators
M87-8H	1/2 NPT Male w/Handtight Yoke

OXYGEN POST & SPIGOT VALVES

3/4"-16 UNF-2A

1-1/8"-12 UNF-2A

			
MPV-872 Wrench Valve CGA-870	MPV-872 Wrench Valve with MPV-4027 Seal CGA-870	MPV-872T Toggle Valve CGA-870	QUE-9001 Spigot Valve for M60 & M Aluminum Cylinders CGA-540

Note: The cylinder valves listed are configured with proper relief mechanisms for use at 2015 and 2216 psi. Do not use where cylinder pressure ratings exceed these pressures.

POST VALVE SEALS

MPV-4027	Post Valve Seal (Plastic Clip Dust Cover) See Photo Above
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TEST GAUGE OXYGEN

For Testing Cylinder Contents
3000 psi Max























MGT-540

Oxygen CGA-540,
RH Female
Handtight Nut



NUTS		NIPPLES		BODY ADAPTORS	
MEDICAL AIR DISS 1160A 3/4-16 Thread 200 psi Maximum					
M16-1	7/8" Hex	M16-8	1/8" NPT Male w/Wrench Flats	M16-4	1/8" NPT Male
M16-2	Handtight (Brass)	M16-9	1/8" NPT Male w/Wrench Flats and O-Ring	M16-5	1/4" NPT Male
M16-2P	Handtight/Yellow Collar	M16-10	1/4" NPT Male w/Wrench Flats	M16-6	1/8" NPT Female
M16-2PC	Handtight/Black/White Collar	M16-11	1/4" NPT Male w/Wrench Flats and O-Ring	M16-7	1/4" Hose Barb
	M16-2P	M16-12	1/4" Hose Barb		M16-4
	M16-1	M16-13	1/4" Hose Barb w/O-Ring		M16-5
	M16-2PC	M16-14	3/16" Hose Barb		M16-6
		M16-15	3/16" Hose Barb w/O-Ring		
		M16-16	O-Ring Replacement		
			M16-9		
			M16-12		
NITROGEN DISS 1120A 3/4-16 Thread 200 psi Maximum					
M12-1	7/8" Hex	M12-8	1/8" NPT Male w/Wrench Flats	M12-5	1/4" NPT Male
M12-2	Handtight (Brass)	M12-9	1/8" NPT Male w/Wrench Flats and O-Ring	M12-7	1/4" Hose Barb
M12-2P	Handtight/Black Collar	M12-10	1/4" NPT Male w/Wrench Flats		M12-5
	M12-2	M12-11	1/4" NPT Male w/Wrench Flats and O-Ring		M12-7
	M12-2P	M12-12	1/4" Hose Barb		
		M12-13	1/4" Hose Barb w/O-Ring		
		M12-14	3/16" Hose Barb		
		M12-15	3/16" Hose Barb w/O-Ring		
		M12-16	O-Ring Replacement		
			M12-11		
NITROUS OXIDE DISS 1040A 3/4-16 Thread 200 psi Maximum					
M04-1	7/8" Hex	M04-8	1/8" NPT Male w/Wrench Flats	M04-4	1/8" NPT Male
M04-2	Handtight (Brass)	M04-9	1/8" NPT Male w/Wrench Flats and O-Ring	M04-5	1/4" NPT Male
M04-2P	Handtight/Blue Collar	M04-10	1/4" NPT Male w/Wrench Flats	M04-6	1/8" NPT Female
	M04-2	M04-11	1/4" NPT Male w/Wrench Flats and O-Ring	M04-7	1/4" Hose Barb
	M04-2P	M04-12	1/4" Hose Barb		M04-5
		M04-13	1/4" Hose Barb w/O-Ring		
		M04-14	3/16" Hose Barb		
		M04-15	3/16" Hose Barb w/O-Ring		
		M04-16	O-Ring Replacement		
		M00-5	Retaining Ring		
			M04-13		




Important: 1. Hose used on straight barbed hose fittings should be secured with crimp-style hose ferrules or proper clamps.
 2. Nipples with O-Ring should be used when using handtight nuts to insure proper seal.

NUTS		NIPPLES		ADAPTORS	
SUCTION DISS 1220 3/4-16 Thread					
M22-1	7/8" Hex	M22-8	1/8" NPT Male Broached for Allen Wrench	M22-4	1/8" NPT Male
M22-2	Handtight (Brass)	M22-9	1/8" NPT Male Broached w/O-Ring	M22-5	1/4" NPT Male
M22-2P	Handtight/White Collar	M22-10	1/4" NPT Male w/Wrench Flats	M22-6	1/8" NPT Female
M22-2PC	Handtight/Yellow Collar	M22-11	1/4" NPT Male w/Wrench Flats & O-Ring	M22-7	1/4" Hose Barb
	 M22-2P	M22-12	1/4" Hose Barb		 M22-5
	 M22-2	M22-13	1/4" Hose Barb w/O-Ring		
		M22-16	O-Ring Replacement		
		M22-18	5/16" Hose Barb		
		M22-19	5/16" Hose Barb O-Ring		
		 M22-9			
		 M22-12			
EVACUATION DISS 2220 7/8-14 Thread					
M26-1	1" Hex	M26-18	5/16" Hose Barb	M26-5	1/4" NPT Male
	 M26-1	M26-19	5/16" Hose Barb w/O-Ring		 M26-5
		M00-5	Retaining Ring		
		 M26-19			 M00-5
OXYGEN/CARBON DIOXIDE MIXTURES Carbon Dioxide <7% DISS 1200A 3/4-16 Thread 200 psi Maximum					
M20-1	7/8" Hex	M20-12	1/4" Hose Barb	M20-5	1/4" NPT Male
	 M20-1	M20-13	1/4" Hose Barb w/O-Ring		 M20-5
		M20-16	O-Ring Replacement		
		 M20-13			
CARBON DIOXIDE, CARBON DIOXIDE-OXYGEN MIXTURES Carbon Dioxide >7% DISS 1080A 3/4-16 Thread 200 psi Maximum					
M08-1	7/8" Hex	M08-8	1/8" NPT Male w/Wrench Flats	M08-5	1/4" NPT Male
M08-2	Handtight (Brass)	M08-9	1/8" NPT Male w/Wrench Flats and O-Ring		 M08-5
	 M08-1	M08-12	1/4" Hose Barb		
		M08-13	1/4" Hose Barb w/O-Ring		
		M08-16	O-Ring Replacement		
		 M08-12			
HELIUM, HELIUM OXYGEN MIXTURES Helium > 80% DISS 1060A 3/4-16 Thread 200 psi Maximum					
M06-1	7/8" Hex	M08-16	O-Ring Replacement	M06-5	1/4" NPT Male
M06-2	Handtight (Brass)				 M06-5
	 M06-1				
HELIUM OXYGEN MIXTURES - HELIUM < 80% DISS 1180A					
M18-1	7/8" HEX	M18-12	1/4" Hose Barb	M18-5	1/4" NPT Male
M18-2	Handtight (Brass)	M18-13	1/4" Hose Barb w/O Ring		
SPECIAL MIXTURES DISS 1020A 3/4-16 Thread 200 psi Maximum					
M02-1	7/8" Hex	M02-12	1/4" Hose Barb	M02-5	1/4" NPT Male
M02-2	Handtight (Brass)	M02-13	1/4" Hose Barb w/O-Ring		 M02-5
	 M02-1	M02-16	O-Ring Replacement		
		M00-5	Retaining Ring		
		 M02-13			 M00-5
		 M02-12			




Important: 1. Hose used on straight barbed hose fittings should be secured with crimp-style hose ferrules or proper clamps.
 2. Nipples with O-Ring should be used when using handtight nuts to insure proper seal.

TAPERED PIPE THREAD FITTINGS





NIPPLES AND EXTENSIONS Chrome-Plated Brass

NIPPLES	EXTENSIONS	Y-CONNECTOR
3000 psi Max	3000 psi Max	1000 psi Max
MA-26 1/8" NPT Male to 1/8" NPT Male x 1-1/2"	MA-32 1/8" NPT Female to 1/8" NPT Male x 2-1/2"	MY-5 1/4" NPT Male Inlet to 1/4" NPT Female Outlets
MA-27 1/8" NPT Male to 1/8" NPT Male x 2-1/2"	MA-33 1/4" NPT Female to 1/4" NPT Male x 3"	MY-6 1/8" NPT Female Inlet to 1/4" NPT Female Outlets
MA-28 1/8" NPT Male to 1/8" NPT Male x 3-1/2"		
MA-29 1/4" NPT Male to 1/4" NPT Male x 1-1/2"		
MA-30 1/4" NPT Male to 1/4" NPT Male x 2-1/2"		
 MA-30	 MA-33	 MY-6




CROSSES & TEES 1000 psi Max Chrome-Plated Brass

BRANCH TEES	STREET TEES	CROSSES
MA-18 1/8" NPT (3) Female	MA-22 1/8" NPT Female (2) x 1/8" NPT Male	MA-24 1/8" NPT Female x 4
MA-19 1/4" NPT (3) Female	MA-23 1/4" NPT Female (2) x 1/4" NPT Male	MA-25 1/4" NPT Female x 4
MA-20 1/8" NPT Male to 1/8" NPT (2) Female		
MA-21 1/4" NPT Male to 1/4" NPT (2) Female		
 MA-19	 MA-23	 MA-25



ADAPTOR BLOCKS Chrome-Plated Brass

90° w/PIPE THREADS	TEE w/PIPE THREADS	POWER TAKE-OFF ADAPTOR
3000 psi Max	3000 psi Max	200 psi Max
MGA-2 1/8" NPT Female to 1/4" NPT Female	MT-2 1/4" NPT (3) Female x 2"	MT-5 1/8" NPT Male to 1/8" NPT (2) Female
MGA-4 1/4" NPT Female to 1/4" NPT Female	MT-3 1/4" NPT (3) Female x 3-1/8"	M24-60 Demand Valve Assembly (MT-5 & M24-40)
MGA-5 1/4" NPT Male to 1/4" NPT (2) Female		
 MGA-5	 MT-2	 MT-5  M24-60


BUSHINGS, COUPLERS, PLUGS 3000 psi Max.

BUSHINGS: PIPE x PIPE THREAD	COUPLERS: PIPE x PIPE THREAD	PLUGS: PIPE THREAD
MA-1 1/8" NPT Male to 1/8" NPT Male	MA-4 1/8" NPT Female to 1/8" NPT Female	MA-35 7/16" Hex to 1/8" NPT Male
MA-2 1/4" NPT Male to 1/4" NPT Male	MA-5 1/4" NPT Female to 1/4" NPT Female	MA-36 5/8" Hex to 1/4" NPT Male
MA-3 1/4" NPT Male to 1/8" NPT Male	MA-6 1/4" NPT Female to 1/8" NPT Female	
MA-7 1/8" NPT Female to 1/8" NPT Male		
MA-8 1/4" NPT Female to 1/4" NPT Male		
MA-9 1/4" NPT Female to 1/8" NPT Male		
MA-10 1/8" NPT Female to 1/4" NPT Male		
MA-37 1/8" NPT Male to 1/8" NPT Male		
 MA-3	 MA-5	 MA-36

ANGLE ADAPTORS 1000 psi Max.





90° PIPE x PIPE THREAD	45° PIPE x PIPE THREAD
MA-11 1/8" NPT Female to 1/8" NPT Female	MA-16 1/8" NPT Female to 1/8" NPT Male
MA-12 1/4" NPT Female to 1/4" NPT Female	MA-17 1/4" NPT Female to 1/4" NPT Male
MA-13 1/8" NPT Female to 1/8" NPT Male	
MA-14 1/4" NPT Female to 1/8" NPT Male	
MA-15 1/4" NPT Female to 1/4" NPT Male	
 MA-14	 MA-16

ANGLE ADAPTORS 1000 psi Max.

90° PIPE x PIPE THREAD
MA-11 1/8" NPT Female to 1/8" NPT Female
MA-12 1/4" NPT Female to 1/4" NPT Female
 MA-11

HOSE FITTINGS FOR HOSE ID 3/16", 1/4", 5/16", 3/8" 200 psi Max.			
NPT MALE TO BARB		NPT FEMALE TO BARB	
MH-5	1/8" NPT Male to 1/8" Hose Barb	MH-12	1/8" NPT Female to 1/8" Hose Barb
MH-6	1/8" NPT Male to 3/16" Hose Barb	MH-13	1/8" NPT Female to 3/16" Hose Barb
MH-7	1/8" NPT Male to 1/4" Hose Barb	MH-14	1/8" NPT Female to 1/4" Hose Barb
MH-8	1/4" NPT Male to 1/8" Hose Barb	MH-15	1/4" NPT Female to 1/8" Hose Barb
MH-9	1/4" NPT Male to 3/16" Hose Barb	MH-16	1/4" NPT Female to 3/16" Hose Barb
MH-10	1/4" NPT Male to 1/4" Hose Barb	MH-17	1/4" NPT Female to 1/4" Hose Barb
MH-11	1/4" NPT Male to 3/8" Hose Barb	MH-18	1/4" NPT Female to 3/8" Hose Barb
MH-19	1/8" NPT Male to Bubble Barb	MH-21	1/4" NPT Female to 5/16" Hose Barb
MH-20	1/4" NPT Male to 5/16" Hose Barb		

HOSE BARB SPLICERS	
MH-2	3/16" Hose Barb Splicer
MH-1	1/4" Hose Barb Splicer

	MH-10		MH-17
	MH-8		
	MH-19		

HOSE FERRULES AND CRIMPERS

FERRULE	FITS WESTERN HOSE	CRIMPER
M-624-A	MH4-XXN 1/4" ID Non-Conductive	CR-100
M-625-A	MH4-XXA 1/4" ID Conductive	CR-100
M-625-A	MH4-XXC 1/4" ID Non-UL	CR-100 or MC-4
M-620	MH3-00N 3/16" ID Non-Conductive	MC-4
M-K-K	MH5-22C 5/16" ID Non-UL	CR-100 or MC-4
M-K-K	MH5-26N 5/16" ID Non-Conductive	CR-100 or MC-4

(See pages 47-48 for Custom Hose Assemblies and Hose Identification.)



Nickel Plated Brass Ferrules, for use with 200 psig Max. Hose assembly.

FERRULES

MODEL	ID	LENGTH	CRIMPER*
M-6231	.330	1/2"	C-5A
M-833	.358	1/2"	C-5A
M-622	.380	1/2"	C-5A
M-620	.410	1/2"	C-5A
M-769	.450	9/16"	C-5A and CR-100
M-4750	.478	11/16"	CR-100
M-7322	.500	1"	CR-100
M-624-A	.500	5/8"	CR-100
M-624	.500	1/2"	CR-100
M-7323	.525	1"	CR-100
M-625-A	.525	5/8"	MC-4 and CR-100
M-625	.525	1/2"	MC-4 and CR-100
M-626	.548	31/64"	MC-4 and CR-100
M-3588	.564	3/4"	MC-4 and CR-100
M-K-K	.575	31/64"	MC-4 and CR-100









*Recommended Crimper selection based on Ferrule outside diameter (OD). Hose type and size may affect Ferrule and Crimper selection. All hose assemblies should be tested prior to using.

CRIMPERS

	MODEL	DESCRIPTION
Vise-Grip® Style	MC-4	For 3/16" and 1/4" ID Hose
Hand-Grip Style	C-5A	For 3/16", 1/4" and 5/16" OD Hose
Bench Top	CR-100	For 3/16", 1/4", 5/16" and 3/8" ID Hose



MEDICAL AIR - NITROGEN - NITROUS OXIDE - SUCTION

NON-CORROSIVE GASES 1/4 NPT THREADS 200 psi Max Inlet		
DEMAND VALVES	CHECK VALVES	REVERSE FLOW VALVES
MEDICAL AIR 850 SCFH Flow @ 50 psi M16-40 1/8" NPT Male M16-50 1/4" NPT Male  M16-40	MEDICAL AIR 50 psi M16-4CV DISS 1160-A X 1/8" NPT Male M16-5CV DISS 1160-A 1/4" NPT Male  M16-4CV	NON-CORROSIVE GASES MCV-4 Flow into 1/4" NPT male Inlet to 1/4" NPT male  MCV-4
NITROGEN 1000 SCFH Flow @ 175 psi M12-50 1/4" NPT Male  M12-50	NITROGEN 50 psi M12-5CV DISS 1160-A 1/4" NPT Male	MCV-5 Flow into 1/4" NPT Male Inlet to 1/4" NPT Female Outlet  MCV-5
NITROUS OXIDE 650 SCFH Flow @ 50 psi M04-40 1/8" NPT Male M04-50 1/4" NPT Male		MCV-6 Flow into 1/4" NPT Female to 1/4" NPT Male Outlet  MCV-6
SUCTION 180 SCFH Flow @ 50 psi M22-50 1/4" NPT Male		MCV-7 Flow into 1/4" NPT Female inlet to 1/4" NPT Female Outlet  MCV-7
WAGD M26-50 1/4" NPT Male		
CARBON DIOXIDE M08-50 1/4" NPT Male		
MD-1 1/8" NPT Male to 1/8" NPT Female MD-2 1/4" NPT Male to 1/8" NPT Female MD-3 1/4" NPT Male to 1/4" NPT Female	 MD-2	Important: Must be used with demand valve when plunger hole depth is not sufficient to clear forward travel of plunger when connection is made. Always check for full flow after installation.

DEMAND VALVES

Gas is checked w/out connection being made. Flow occurs when proper connection is made.

CHECK VALVES

Gas flows into and through the DISS portion of the fitting and is checked in the opposite direction. Does not operate as a demand valve.

REVERSE CHECK VALVES

For inline gas flow. Prevents backflow of gases.

BRASS chrome-plated SHUT-OFF VALVES

NON-CORROSIVE GASES 1/8" NPT AND 1/4" NPT

PCTFE Tip and PTFE Packing 3000 psi Max.

- MV-6S** 1/4" NPT Male Inlet to 1/4" NPT Male Outlet
- MV-9S** 1/8" NPT Male Inlet to 1/8" NPT Male Outlet
- MV-11S** 1/4" NPT Male Inlet to 1/4" NPT Female Outlet
- MV-12S** 1/4" NPT Female to 1/4" NPT Male Outlet
- MV-17S** 1/8" NPT Female Inlet to 1/8" NPT Female

Low pressure oxygen valves see page 31.



MV-17S



MV-9S

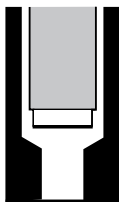
CARTRIDGE VALVES (PTFE AND PCTFE PACKING)

STAINLESS BODY (PTFE and PCTFE Packing) 3000 and 6000 psi Max. Models

SOFT SEAT MODELS HAVE PCTFE Tip Cleaned for Oxygen Service

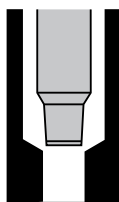
SOFT SEAT 3000 PSI

- SS-CK** Replacement Cartridge
- SS-110K** 1/4 NPT Male to 1/4 NPT Male
- SS-120K** 1/4 NPT Male 90° to 1/4 NPT Male
- SS-130K** 1/4 NPT Female to 1/4 NPT Female



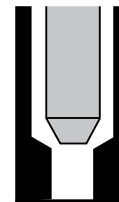
METERING SEAT 6000 PSI

- SS-CM** Replacement Cartridge
- SS-110M** 1/4 NPT Male to 1/4 NPT Male
- SS-120M** 1/4 NPT Male 90° to 1/4 NPT Male
- SS-130M** 1/4 NPT Female to 1/4 NPT Female



METAL TO METAL SEAT 6000 PSI

- SS-CS** Replacement Cartridge
- SS-110S** 1/4 NPT Male to 1/4 NPT Male
- SS-120S** 1/4 NPT Male 90° to 1/4 NPT Male
- SS-130S** 1/4 NPT Female to 1/4 NPT Female



Note: In most cases valve can be repaired without removing valve body from line.



SS-130K
IN-LINE VALVE






SS-120M
90° VALVE



SS-CS
REPLACEMENT
CARTRIDGE

PIN INDEX YOKES 3000 PSI MAX













CGA-346 Male Outlet	1/4 NPT Male Outlet	1/2 NPT Male Outlet
 M95-1	 M95-4	 M95-8

YOKES




Yokes rated 3000 psi Max					
Nitrogen CGA-960	M960-4 M960-4S M960-8	1/4 NPT Male 1/4 NPT Male w/Swivel 1/2 NPT Male	Nitrous Oxide CGA-910	M91-1 M91-4 M91-4CV M91-4S M91-8	CGA-326 Male 1/4 NPT Male 1/4 NPT Male w/Check Valve 1/4 NPT Male w/Swivel 1/2 NPT Male
Nitrous Oxide & Oxygen mixtures N ₂ O 47.5% to 52.5% CGA-965			Carbon Dioxide & Oxygen mixtures CO ₂ Not over 7% CGA-880		
Carbon Dioxide & Carbon Dioxide & Oxygen mixtures CO ₂ over 7% CGA-940			Helium & Oxygen mixtures He Not over 80% CGA-890		
Helium & Helium & Oxygen mixtures He Not over 80% CGA-930			Non-corrosive, Non-flammable mixtures CGA-973		
Medical Air CGA-950					
	M95-1 M95-4 M95-4S M95-8	CGA-346 Male 1/4 NPT Male 1/4 NPT Male w/Swivel 1/2 NPT Male		M973-1 M973-4 M973-8	CGA-500 Female 1/4 NPT Male 1/2 NPT Male

See CGA chart on inside back cover of catalog.















YOKE REPLACEMENT PARTS

 M00-3 T-Handle	 M86-4CV-1 1/4 NPT Male Stem w/Check Valve	 M87-1-1A CGA-540 Stem	 2544-2 Brass and Viton Washer
 M00-9 T-Handle w/6" Grip	 M86-4-1A 1/4 NPT Male Stem	 M86-4-1F 1/4 NPT Male Stem w/Filter	 MCP370 Handtight Yoke Screw
 MW-87 Halar Washer	 M86-8-1A 1/2 NPT Male Stem	 10-YB Swivel Yoke Body Only Nitrous Oxide	 10-YA Swivel Yoke Body Only - Oxygen

MEDICAL AIR NITROUS OXIDE NITROGEN HELIUM

COUPLER TEES	Nitrous Oxide	Medical Air	Nitrogen or Helium	
w/Cylinder Valve Inlet and Two Same CGA Outlets 3000 psi Max				
M32-16	CGA-326	Nitrous Oxide w/Female Inlet to 2 Male Outlets		 M34-16
M34-16	CGA-346	Medical Air w/Female Inlet to 2 Male Outlets		
M58-16	CGA-580	Nitrogen or Helium w/Male Inlet to 2 Female Outlets		
PLUG & CHAIN ASSEMBLY Medical Air				
Provides gas tight seal		3000 psi Max.		
M34-22	CGA-346	Medical Air		 M34-22
HIGH PRESSURE PIGTAILS Nitrous Oxide Medical Air Nitrogen or Helium				
RIGID TUBE 3000 psi max				
Plated Copper Tubing with Chrome-Plated Brass Connections				
27" Tubing Length				
M32-18	CGA-326	Nitrous Oxide		 M34-18
M34-18	CGA-346	Medical Air		

HIGH PRESSURE CYLINDER CONNECTIONS

CYLINDER CONNECTIONS		3000 psi Max	
NUTS			
MEDICAL AIR	CGA-346 .830-14 NGO RH Internal Thread		
M34-1	1-1/8" Hex Nut		
M34-10	Handtight (Brass)		
M34-10P	Handtight w/Black Plastic Grip		
	 M34-10		
	 M34-10P		
NIPPLES			
M34-4	1/4" NPT Male, 2-1/2" Length		
M34-5	1/4" NPT Male, 2-1/2" Length w/Filter		
M34-5CV	1/4" NPT Male, 2-1/2" Length w/Filter and Check Valve		
M34-11	1/4" NPT Male, 2-1/2" Length w/Soft Tip		
M34-12	Soft Tip Replacement		
	 M34-5		
NITROGEN	OR HELIUM CGA-580 .960-14 NGO RH External Thread		
M58-1	1-1/8" Hex Nut		
M58-10	Handtight (Brass)		
M58-10P	Handtight w/Black Plastic Grip		
	 M58-10		
M58-3	1/4" NPT Male, 2-1/2" Length w/Filter		
M58-3CV	1/4" NPT Male, 2-1/2" Length w/Filter and Check Valve		
M58-5	1/4" NPT Male, 3" Length w/Filter		
M58-7	1/4" NPT Male, 3-1/2" Length w/Filter		
M58-11	1/4" NPT Male, 3" Length w/Filter w/O-Ring		
M58-12	O-Ring Replacement		
M58-13	1/4" NPT Male, 3" Length w/Soft Tip		
	 M58-5		
NITROUS OXIDE	CGA-326 .830-14 NGO RH Internal Thread		
M32-1	1-1/8" Hex Nut		
M32-10	Handtight (Brass)		
M32-10P	Handtight w/Black Plastic Grip		
	 M32-10		
M32-1	1-1/8" Hex Nut		
M32-10	Handtight (Brass)		
M32-10P	Handtight w/Black Plastic Grip		
	 M32-1		
M32-4	1/4" NPT Male, 2-1/2" Length		
M32-5	1/4" NPT Male, 2-1/2" Length w/Filter		
M32-5CV	1/4" NPT Male, 2-1/2" Length w/Filter and Check Valve		
M32-11	1/4" NPT Male, 2-1/2" Length w/Soft Tip		
613-KPT	Soft Tip Replacement		
	 M32-11		
CARBON DIOXIDE	CGA-320 .830-14 NGO RH Internal Thread		
M30-1	1-1/8" Hex Nut		
M30-10P	Handtight w/Black Plastic Grip		
	 M30-10P		
M30-2	1/4" NPT Male, 2" length w/Washer		
M30-4	1/4" NPT Male, 2-1/2" length w/Washer		
M30-5	1/4" NPT Male, 2-1/2" length w/Washer and Filter		
M30-5CV	1/4" NPT Male, 2-1/2" length w/Washer/Filter/Check Valve		
CO-6N	Washer Replacement		
	 M30-4		
MEDICAL BREATHING MIXTURES	CGA-280 .750-14 NGO RH Internal Thread		
M28-1	1-1/8" Hex Nut		
M28-10P	Handtight w/Black Plastic Grip		
	 M28-10P		
M28-4	1/4" NPT Male, 2-1/2" Length		
M28-5	1/4" NPT Male, 2-1/2" Length w/Filter		
M28-11	1/4" NPT Male, 2-1/2" Length w/Soft Tip		
M28-12	Soft Tip Replacement		
	 M28-5		
MEDICAL MIXTURES	CGA-500 .830-14 NGO RH External Thread		
M50-1	1-1/8" Hex Nut		
M50-10	Handtight (Brass)		
M50-10P	Handtight w/Black Plastic Grip		
	 M50-10P		
M50-3	1/4" NPT Male, 2-1/2" Length w/Filter		
M50-7	1/4" NPT Male, 3-1/2" Length w/Filter		
M58-11	1/4" NPT Male, 3" Length w/O-Ring		
M58-12	O-Ring Replacement		
	 M50-3		



MG-C29



MG-C14



MG-C58

BOTTOM PORT

MG-C9	4000 psi	2" OD	1/4" NPT	Chrome	MG-C16	200 psi	2" OD	1/4" NPT	Chrome
MG-C11	100 psi	2" OD	1/4" NPT	Chrome	MG-C17	400 psi	2" OD	1/4" NPT	Chrome
MG-C13	4000 psi	1-1/2" OD	1/8" NPT	Chrome	MG-C18	600 psi	2" OD	1/4" NPT	Chrome
MG-C14	30 psi	2" OD	1/4" NPT	Chrome	MG-C19	1000 psi	2" OD	1/4" NPT	Chrome
MG-C15	60 psi	2" OD	1/4" NPT	Chrome					


NITROUS OXIDE Blue face w/white letters

MG-C29	2000 psi	2" OD	1/4" NPT	Chrome
MG-C30	100 psi	2" OD	1/4" NPT	Chrome

VACUUM

MG-C58	30 inHg Vac Back Port	1-1/2" OD	1/8" NPT	Chrome
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OXYGEN DUAL "Y" OUTLET DEMAND VALVE COUPLERS

INLET CONNECTIONS	OXYGEN DISS 1240	MEDICAL AIR DISS 1160-A	SUCTION DISS 1220
1/8" NPT Female Without Connector	M24-70	M16-70	M22-70
1/4" NPT Female Without Connector	M24-71	M16-71	M22-71
DISS Hex Nut and Nipple 	M24-74	M16-74	M22-74
DISS Handtight Nut and Nipple * 	M24-75	M16-75	M22-75
Chemetron® Adaptor* 	M24-76	M16-76	M22-76
Ohmeda® Adaptor* 	M24-77	M16-77	M22-77
Oxequip® Adaptor 	M24-78	M16-78	M22-78
Puritan® Adaptor 	M24-79	M16-79	M22-79



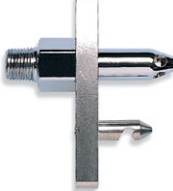



M24-70
(2 Outlet Style)



Example:
M24-75
2 outlet style with
DISS Handtight Nut
& Nipple Connection

50 psi Nominal Working Pressure
*Canadian color-coding available on most models,
add "C" to part number. Example: M24-77C
Product not to scale.

Chemetron® OR Y-Couplers					Ohmeda® OR Y-Couplers			
INLET CONNECTIONS	OXYGEN	MEDICAL AIR	NITROUS OXIDE	SUCTION	OXYGEN	MEDICAL AIR	NITROUS OXIDE	SUCTION
1/8" NPT Female Without Connector	OR101-70	OR102-70	OR103-70	OR104-70	OR201-70	OR202-70	OR203-70	OR204-70
DISS Hex Nut and Nipple 	OR101-74	OR102-74	OR103-74	OR104-74	OR201-74	OR202-74	OR203-74	OR204-74
DISS Handtight Nut and Nipple* 	OR101-75	OR102-75	OR103-75	OR104-75	OR201-75	OR202-75	OR203-75	OR204-75
Chemetron® Adaptor* 	OR101-76	OR102-76	OR103-76	OR104-76	OR201-76	OR202-76	OR203-76	OR204-76
Ohmeda® Adaptor* 	OR101-77	OR102-77	OR103-77	OR104-77	OR201-77	OR202-77	OR203-77	OR204-77

50 psi Nominal Working Pressure

*Canadian color-coding available on most models, add "C" to part number. Example: OR201-75C



OR103-70



OR201-70



Example:

OR101-76
Chemetron® OR Y-Coupler
with Chemetron® Adaptor



Example:

OR204-76
Ohmeda® OR Y-Coupler
with Chemetron® Adaptor

MEDICAL HOSES



① HOSE TYPE ② HOSE SIZE ③ GAS SERVICE ④ HOSE COLOR ⑤ HOSE LENGTH ⑥ and ⑦ INLET-OUTLET CONNECTIONS

C = Conductive N = Non-Conductive	4 = 1/4" 5 = 5/16"	AI Medical Air OXY Oxygen SUC Suction NI Nitrogen N ₂ Nitrous Oxide CO Carbon Dioxide	U.S. Color Designation Default <i>Refer to chart for Canadian Color Codes</i>	Specify Hose Length in Inches Minimum of 12"	FNN Female Nut and Nipple MBA Male Body Adaptor MP2 Male Pipe 1/8" FP2 Female Pipe 1/8" OHM Ohmeda® Male PBM Puritan® Male CHM Chemetron® Male BLK Blank End FHT Female Handtight DBA Demand Body Adaptor MP4 Male Pipe 1/4" FP4 Female Pipe 1/4" OHF Ohmeda® Female OXM Oxequip® Male SHF Schrader® Female CHF Chemetron® Female
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HOW TO ORDER:

Western's custom hose assemblies conform to CGA standards. All assemblies are cleaned and poly-bagged for delivery. To order, select your requirements from the above charts.

GAS DESIGNATION/HOSE COLOR CHART

Gas	USA			CANADA		
	Designation		Color	Designation		Color
Medical Air	AI	-	Yellow	AI	K	Black
Oxygen	OX	-	Green	OX	W	White
Suction	SU	-	White	SU	Y	Yellow
Nitrogen	NI	-	Black	NI	-	Black
Nitrous Oxide	N2	-	Blue	N2	-	Blue
Carbon Dioxide	CO	-	Grey	CO	-	Grey

Note: For 90° Elbow add "L" before Inlet or Outlet code (LFNN)

HOSE COLOR:

All medical hose color coding will default to USA standards unless otherwise specified.

HOSE LENGTH REQUIREMENTS:

Hose length 12 inches minimum.

Lengths 12" to 60" (1 ft – 5 ft) are available in 6 inch increments only.

Lengths 60" to 300" (5 ft – 25 ft) are available in 12 inch (1 foot) increments only.

Lengths over 300" (25 feet) shall be in 60 inch (5 foot) increments only.

Conductive hose maximum length is 240 inches (20 feet) due to conductivity.

Non-conductive hose maximum length is 600 inches (50 feet).

















EXAMPLE

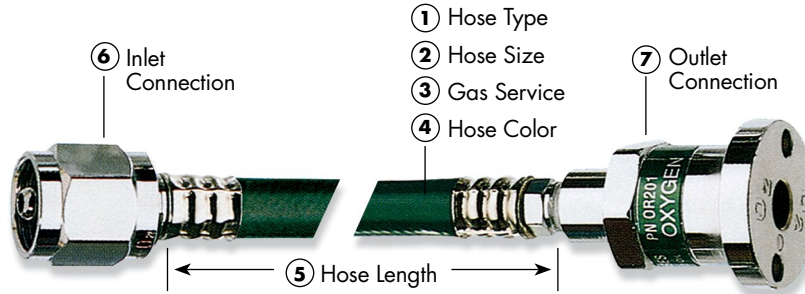
USA Part #: C4OX-120FNNFNN

Canadian Part #: C4OXW120FNNFNN

- C Conductive Hose
- 4 1/4"
- OX Oxygen (USA)
- OXW Oxygen (Canada)
- 120 120" Long
- FNN Female Nut and Nipple Inlet
- FNN Female Nut and Nipple Outlet

INLET-OUTLET CONNECTION OPTIONS

 FNN Diss Female Nut/Nipple	 FHT Diss Female Handtight	 MBA Male Body Adaptor	 DBA Demand Body Adaptor	 MP2 Male Pipe 1/8"	 MP4 Male Pipe 1/4"	 FP2 Female Pipe 1/8"	 FP4 Female Pipe 1/4"	 BLK Blank (no connection)
 OHM Ohmeda® Male	 OHF Ohmeda® Female	 PBM Puritan® Male	 OXM Oxequip® Male	 SHF Schrader® Female	 CHF Chemetron® Female	 CHM Chemetron® Male		















REINFORCED MEDICAL HOSE

	 MH4-24C	 MH4-16N
BULK HOSE	CONDUCTIVE, UL LISTED 250' REEL	NON-CONDUCTIVE 300' REEL
CONDUCTIVE, UL LISTED 250 psi Working Pressure 1000 psi Burst Pressure	MH4-04A 1/4" ID, Nitrous Oxide (Blue) MH4-12A 1/4" ID, Nitrogen (Black) MH4-16A 1/4" ID, Medical Air (Yellow), Suction for Canada	MH3-00N 3/16" ID, General (Clear) MH4-00N 1/4" ID, General (Clear) MH4-04N 1/4" ID, Nitrous Oxide (Blue) MH4-12N 1/4" ID, Nitrogen (Black) MH4-16N 1/4" ID, Medical Air (Yellow), Suction for Canada
CONDUCTIVE, NON-UL LISTED 400 psi Working Pressure 1600 psi Burst Pressure	MH4-22A 1/4" ID, Suction (White), Oxygen for Canada MH4-24A 1/4" ID, Oxygen (Green)	MH4-22N 1/4" ID, Suction (White), Oxygen for Canada MH4-24N 1/4" ID, Oxygen (Green)
NON-CONDUCTIVE 250 psi Working Pressure 1000 psi Burst Pressure	CONDUCTIVE, NON-UL LISTED 300' REEL MH4-04C 1/4" ID, Nitrous Oxide (Blue) MH4-08C 1/4" ID, Carbon Dioxide (Grey) MH4-12C 1/4" ID, Nitrogen (Black) MH4-16C 1/4" ID, Medical Air (Yellow), Suction for Canada MH4-22C 1/4" ID, Suction (White), Oxygen for Canada MH4-24C 1/4" ID, Oxygen (Green) MH5-22C 5/16" ID, Suction (White), Oxygen for Canada	











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MQ404-2	28	MT300	17	OR104-75	46
MQ404-3	28	MT-5	37	OR104-76	46
MQ404-4	28	MTR-300	5	OR104-77	46
MQ404-5	28	MTR-500	4	OR201	25
MQ404-6	28	MTR-501	4	OR201-1	25
MR-870-15FG	8	MTR-510	4	OR201-2	25
MR-870-8FG	8	MTR-600	4	OR201-3	25
MR-870-P	10	MTR-610	4	OR201-4	25
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MSH15580	13	OPA-520	6	OR202-77	46
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MSH15890	13	OPA-810	6	OR203-1	27
MSH15930	13	OPA-820	6	OR203-2	27
MSH15940	13	OPA-840	6	OR203-3	27
MSH15960	13	OPA-850	6	OR203-4	27
MSH15973	13	OPL-521	6	OR203-5	27
MSH180280	13	OPL-821	6	OR203-6	27
MSH180320	13	OR101	25	OR203-70	46
MSH180326	13	OR101-1	25	OR203-74	46
MSH180346	13	OR101-2	25	OR203-75	46
MSH180500	13	OR101-3	25	OR203-76	46
MSH180540	13	OR101-4	25	OR203-77	46
MSH180580	13	OR101-5	25	OR204	28
MSH180870	13	OR101-6	25	OR204-1	28
MSH180890	13	OR101-70	46	OR204-2	28
MSH180930	13	OR101-74	46	OR204-3	28
MSH180950	13	OR101-75	46	OR204-4	28
MSH180960	13	OR101-76	46	OR204-5	28
MSH450280	13	OR101-77	46	OR204-6	28
MSH450346	13	OR102	26	OR204-70	46
MSH450500	13	OR102-1	26	OR204-74	46
MSH450540	13	OR102-2	26	OR204-75	46
MSH450580	13	OR102-3	26	OR204-76	46
MSH450930	13	OR102-4	26	OR204-77	46
MSH450940	13	OR102-5	26	PX-1000	19
MSH450950	13	OR102-6	26	PX-1002	19
MSH450960	13	OR102-70	46	PX-1003	19
MSH45280	13	OR102-74	46	PX-1010	18
MSH45320	13	OR102-75	46	PX-1011	18
MSH45346	13	OR102-76	46	PX-1013	18
MSH45500	13	OR102-77	46	PX-1014	18
MSH45540	13	OR103	27	PX-1020	20
MSH45580	13	OR103-1	27	PX-1025	21
MSH45870	13	OR103-2	27	PX-1027	21
MSH45940	13	OR103-3	27	PX-1029	21
MSH45950	13	OR103-4	27	PX-1034	21
MSH45960	13	OR103-5	27	PX-1044	2
MSH80280	13	OR103-6	27	PX-1045	2
MSH80320	13	OR103-70	46	PX-1048	18
MSH80326	13	OR103-74	46	PX-1060	20
MSH80346	13	OR103-75	46	PX-1850	19
MSH80500	13	OR103-76	46	QUE-9001	16
MSH80540	13	OR103-77	46	WPX-5405-1	17
MSH80580	13	OR104	28	WPX-5406-1	17
MSH80890	13	OR104-1	28	WPX-8700-1T	16
MSH80910	13	OR104-2	28	WPX-8700-1W	16
MSH80950	13	OR104-3	28	WPX-8701-1T	17
MSH80960	13	OR104-4	28	WPX-8702-1T	17
MSH80973	13	OR104-5	28	WPX-8703-1T	17
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MT200	17	OR104-70	46		

INDEX BY PART NUMBER/MODEL NUMBER












Standard. Medical Cylinder Pin Index Valve Yokes And Threaded Cylinder Connections for Pressures up to 3000psi (20680kPa)

YOKE	THREAD	GAS ASSIGNMENT
870	540	 Oxygen
880	280	 Carbon Dioxide & Oxygen Mixture (CO ₂ not over 7.0%)
890	280	 Helium & Oxygen Mixtures (Helium not over 80%)
890	280	 Nitrogen & Oxygen Mixtures (O ₂ over 23.5%)
890	280	 Xenon & Oxygen Mixtures (O ₂ over 20%)
910	326	 Nitrous Oxide
930	500	 Helium & Helium Oxygen Mixtures (Helium over 80%)
940	500	 Carbon Dioxide & Carbon Dioxide Oxygen Mixtures (CO ₂ over 7%)
950	346	 Medical Air
965	280	 Nitrous Oxide & Oxygen Mixture (N ₂ O 47.5 to 52.5%)
960	580	Nitrogen
973	500	 Nonflammable, Noncorrosive Gas Mixtures Labeled as Drugs or Medical Devices and not having another Connection Assignment * *This is the yoke connection for gas mixtures used with the CGA 500, which are not otherwise assigned.
973	500	 Carbon Dioxide, Oxygen, Nitrogen
973	500	Clinical Blood Gas Mixtures
973	500	Lung Diffusion Mixtures

DISS Connections 200 psi Max.

DISS	GAS ASSIGNMENT
1020A	Special Mixtures (for limited experimental applications)
1040A	 Nitrous Oxide
1060A	 Helium, Helium-Oxygen Mixtures (Helium over 80%)
1080A	 Carbon Dioxide, Carbon Dioxide-Oxygen Mixtures (Carbon Dioxide over 7%)
1100A	
1120A	 Nitrogen
1140A	Ethylene
1160A	 Medical Air
1180A	 Oxygen-Helium Mixtures (Helium not over 80%)
1200A	 Oxygen-Carbon Dioxide Mixtures (Carbon Dioxide not over 7%)
1220	Suction (Vacuum)
1240	 Oxygen
2020	 Nitrous Oxide-Oxygen Mixtures (Nitrous Oxide 47.5% to 52.5%)
2040	 Oxygen or Oxygen Enriched Air Mixtures
2060	Xenon
2080	Instrument Air
2220	Gas Evacuation

MEDICAL COLOR CODES

 Carbon Dioxide	 Nitrous Oxide/Oxygen Mix
 Helium	 Carbon Dioxide/Oxygen Mix
 Medical Air	 Helium/Oxygen Mix
 Nitrogen	 Nitrogen/Oxygen Mix
 Nitrous Oxide	 Xenon/Oxygen Mix
 Oxygen	

EASY GUIDE TO WESTERN MEDICA PART NUMBERS

MEDICAL GAS FITTINGS

HOW IT WORKS:

M24-1

(M=Medical 24=DISS 1240 1=Part#)

Medical Oxygen DISS Nut

M54-1

(M=Medical 54=CGA-540 1=Part #)

Medical Oxygen Cylinder Nut

M87-1

(M=Medical 87=CGA-870 1=Part #)

Medical Oxygen Yoke

MEDICAL GAS REGULATORS

Part Number- **M1-540-FG**

(M=Medical 1=Single Stage 540=CGA-540 FG=Flow Gauge)

Description: Medical Single-Stage Oxygen Flow Gauge Regulator

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