

# Medical Oxygen Products

By  **PRORack**  
Gas Control Products



# Introduction

ProRack Gas Products is making a commitment to you and your company. We are committing to providing you with the highest quality respiratory equipment, unsurpassed customer service and value on all of our products. ProRack Gas Products is a business made up of individuals that you can trust, and we look forward to serving all of your respiratory needs.

Since 1980 ProRack Gas Products has been a leading supplier of compressed gas equipment for major markets including the medical, scuba diving, and gases and welding industries. Our philosophy has always been to develop safe, reliable, easy-to-use, ergonomic respiratory products which efficiently deliver oxygen to the end user. It is our mission to increase the freedom of mobility for those using medical oxygen by providing practical solutions which compliment everyday life.

ProRack Gas Products designs, manufactures, and distributes a comprehensive line of products ranging from custom designed cylinder bags to large-scale oxygen transfilling systems. Headquartered in Santa Ana, California, we are composed of professionals who look forward to assisting you with all of your homecare product requirements.

Please browse our catalog, or visit our website at [www.prorackgasproducts.com](http://www.prorackgasproducts.com) to familiarize yourself with our extensive and ever-changing product line, and contact us directly if we may be of assistance.



## Products Overview

### Oxygen Systems – Contact Sales for custom system packages

Turn-key ordering solutions for patient set-ups. Whether you need a cylinder, cart and regulator or cylinders, rack, bags and regulators, ProRack will bundle any possible solution for your company to make ordering easier with less part numbers and paperwork processing.



### Oxygen Regulators – pages 4-6

ProRack Gas Products offers a wide variety of oxygen regulators. All regulators are manufactured from solid brass core with an aluminum outer body, allowing them to be safe, reliable, durable, and lightweight. Custom regulators are available.





## Medical Equipment Bags – pages 7-15

With years of proprietary bag development in the watersports, sporting and medical industries, take a look at our large offering of oxygen therapy, CPAP, home infusion and oxygen concentrator carry bags and back packs available.



## Storage Racks and Stands – pages 16-17

From lightweight in-home cylinder safety racks to heavy duty gas plant racks and pallets, ProRack Gas Products has all of your cylinder storage requirements.



## Cylinder Carts – pages 18-20

Basic single cylinder transport carts for oxygen therapy patients to large 100 cylinder carts for cylinder fill plants, you can rely on ProRack to meet your cart requirements.



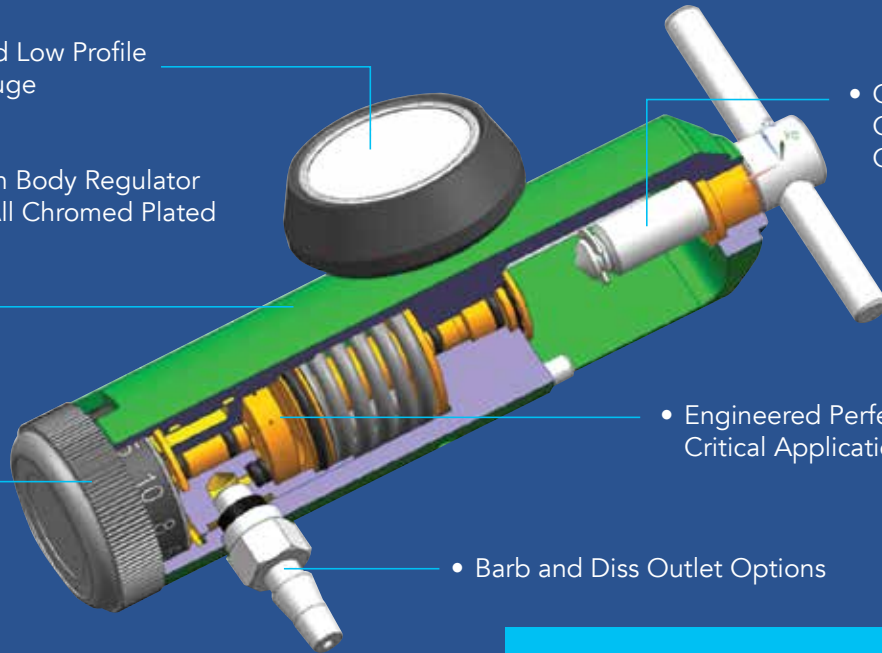
## Cylinders, Oxygen Fill Plant Equipment & Accessories – pages 21-31

ProRack's core business for many industries in the gas plant markets. ProRack steel & aluminum cylinders, cylinder filling equipment, supplies and accessories will keep your oxygen route deliveries timely.



# MEDICAL OXYGEN REGULATORS

- Rubber Boot Protected Low Profile Cylinder Contents Gauge
- Lightweight, Aluminum Body Regulator with Brass Core, and All Chromed Plated Brass Bodies
- Accurate and Years of Service Life Regulator Mechanism



- Chrome Plated T Handle CGA870 Pin-Index Connection

- Engineered Perfection for Critical Applications

- Barb and Diss Outlet Options

## FEATURES

ProRack Gas Products offers a wide variety of adjustable and fixed flow oxygen regulators. Regulators are manufactured from solid brass core with an aluminum outer body and all chromed plated brass for EMS and hospital applications. Prorack regulators are manufactured to be safe, reliable, durable, and lightweight. Regulators include an impact resistant gauge with gauge protector and 11 individual click settings for various prescribed flow rates. Regulators are available with CGA870 connections, CGA540 connections, and/ or with single, dual, or barbed DISS outlets. Pediatrics range from 1/32 to 4 lpm, adult style regulators range from 1/2 to 8 or 15 lpm, and EMS style regulators range from 1/4 to 25 lpm.

## SPECIFICATIONS

<b>Regulator Body</b>	Aluminum Body, Brass Core & All Chromed Brass
<b>Maximum Safe Inlet</b>	3000PSI maximum pressure
<b>Regulated Pressure</b>	2000-2400PSI
<b>Inlet Options</b>	CGA870 Pin Index & CGA540 Nut and Nipple
<b>Pressure Gauge</b>	0-3000PSI, Green Scale 1800-2300PSI
<b>LITER DIAL</b>	4LPM, 8LPM, 15LPM, 25LPM







CGA870  
Mini Regulator



CGA870  
Regulator



CGA540 Regulator



## Ordering Information

### CGA870 Click Style Medical Oxygen Regulators, Aluminum Body, Brass Core

Part Number	CGA Connection	Outlet	LPM	Click Flow Settings - LPM (Liters Per Minute)
AREG8704	CGA870	Barb	0-4 LPM	0, 1/32, 1/16, 1/8, 1/4, 1/2, 3/4, 1, 1 1/2, 2, 3, 4
AREG8708	CGA870	Barb	0-8 LPM	0, 1/8, 1/2, 1, 1 1/2, 2, 2 1/2, 3, 4, 5, 6, 8
AREG8715	CGA870	Barb	0-15 LPM	0, 1/2, 2, 3, 4, 5, 6, 8, 10, 15



Model Number  
**AREG8715** CGA870 Click Style  
Regulator, 15 LPM



Model Number  
**AREG8708ME** CGA870 Mini Click Style Regulator,  
8 LPM

### CGA870 Click Style MINI Medical Oxygen Regulators, Aluminum Body, Brass Core

Part Number	CGA Connection	Outlet	LPM	Click Flow Settings - LPM (Liters Per Minute)
AREG8704ME	CGA870	Barb	0-4 LPM	0, 1/32, 1/16, 1/8, 1/4, 1/2, 3/4, 1, 1 1/2, 2, 3, 4
AREG8708ME	CGA870	Barb	0-8 LPM	0, 1/8, 1/2, 1, 1 1/2, 2, 2 1/2, 3, 4, 5, 6, 8
AREG8715ME	CGA870	Barb	0-15 LPM	0, 1/2, 2, 3, 4, 5, 6, 8, 10, 15

### CGA870 Click Style Medical Oxygen Regulators, Aluminum Body, Brass Core for Emergency and Hospital Applications

Part Number	CGA Connection	Outlet	LPM	Click Flow Settings - LPM (Liters Per Minute)
AREG8725	CGA870	Barb	0-25 LPM	0, 1/2, 1, 2, 3, 4, 5, 6, 8, 10, 15, or 25
AREG8725B1D	CGA870	Barb, 1/DISS	0-25 LPM	0, 1/2, 1, 2, 3, 4, 5, 6, 8, 10, 15, or 25
AREG8725B2D	CGA870	Barb, 2/DISS	0-25 LPM	0, 1/2, 1, 2, 3, 4, 5, 6, 8, 10, 15, or 25



Model Number  
**AREG8725B2D** CGA870 Click Style Regulator, 25 LPM,  
1 Barb, 2 DISS outlets

### CGA540 Click Style Medical Oxygen Regulators, Aluminum Body, Brass Core

Part Number	CGA Connection	Outlet	LPM	Click Flow Settings - LPM (Liters Per Minute)
AREG5404	CGA540	Barb	0-4 LPM	0, 1/32, 1/16, 1/8, 1/4, 1/2, 3/4, 1, 1 1/2, 2, 3, 4
AREG5408	CGA540	Barb	0-8 LPM	0, 1/8, 1/2, 1, 1 1/2, 2, 2 1/2, 3, 4, 5, 6, 8
AREG5415	CGA540	Barb	0-15 LPM	0, 1/2, 2, 3, 4, 5, 6, 8, 10, 15



Model Number  
**AREG5404** CGA540 Click Style  
Regulator, 4 LPM

# Medical Oxygen Regulators

All Brass, Chromed Plated Medical Regulators for EMS and Hospitals



Model Number  
**EMSREG8725B1D** CGA870 Click Regulator,  
25LPM, 1 barb, 1 Diss outlets



Model Number  
**EMSREG8725B2D** CGA870 Click Regulator,  
25LPM, 1 barb, 2 Diss outlets



## CGA870 Click Style Medical Oxygen Regulators, Chrome Plated, All Brass Body

Part Number	CGA Connection	Outlet	LPM	Click Flow Settings - LPM (Liters Per Minute)
EMSREG8725	CGA870	Barb	0-25 LPM	0, 1/2 , 1, 2, 3, 4, 5, 6, 8, 10, 15, or 25
EMSREG8725B1D	CGA870	Barb, 1/DISS	0-25 LPM	0, 1/2 , 1, 2, 3, 4, 5, 6, 8, 10, 15, or 25
EMSREG8725B2D	CGA870	Barb, 2/DISS	0-25 LPM	0, 1/2 , 1, 2, 3, 4, 5, 6, 8, 10, 15, or 25

## CGA540 Click Style Medical Oxygen Regulators, Chrome Plated, All Brass Body

Part Number	CGA Connection	Outlet	LPM	Click Flow Settings - LPM (Liters Per Minute)
EMSREG5425	CGA540	Barb	0-25 LPM	0, 1/2 , 1, 2, 3, 4, 5, 6, 8, 10, 15, or 25
EMSREG5425B1D	CGA540	Barb, 1/DISS	0-25 LPM	0, 1/2 , 1, 2, 3, 4, 5, 6, 8, 10, 15, or 25
EMSREG5425B2D	CGA540	Barb, 2/DISS	0-25 LPM	0, 1/2 , 1, 2, 3, 4, 5, 6, 8, 10, 15, or 25





# MEDICAL EQUIPMENT BAGS

ProRack Gas Products offers a wide range of bags and cases to transport portable oxygen cylinders and specialty medical equipment. All bags are constructed from washable, coated, heavy-duty denier polyester blend and are seam taped. Each bag contains a padded cylinder pocket to secure and protect the medical cylinder, has large easy-grab zipper pulls, and an embroidered carrying handle for easy pick up. All bags are ergonomically designed and incorporate unique features to complement the patient's active lifestyle.

- Most durable denier materials available
- High quality, durable construction
- Thoughtful ergonomic designs
- Custom bag designs available



## OVERVIEW

### Cylinder Shoulder Bags



### Home Fill Cylinder Bags



### Cylinder Backpacks



### Cylinder Roller Bag



### Cylinder Horizontal Bags



### Specialty Bags



Many oxygen users prefer to carry the cylinder in the vertical position under their shoulder, allowing the cylinder to hang vertically down the length of their body. The vertical shoulder bags allow the patient to carry the bag in this position while concealing the entire oxygen system. The cannula exits the bag through a small grommet, travels under the patient's arm, and rests comfortably over the patient's ears. The bag employs an adjustable, heavily padded shoulder strap to reduce stress from the weight of the cylinder. A clear plastic zippered window allows the patient to view the gauge contents of the cylinder without removing the cylinder from the bag. The bag is constructed of washable, heavy-duty denier, has large easy-grab zipper pulls, a carrying handle for easy pick up, and a large external zippered pocket. These bags can accommodate either an M6/M9 or MD medical oxygen cylinder.



Shoulder Bags for Oxygen Cylinders

Part Number	Description
CD1002	M6 / M9 Cylinder Shoulder Bag
CD1003	MD Cylinder Shoulder Bag
CD1004	ML6 Cylinder Shoulder Bag





## Cylinder Backpack Bags



Our original design dual strapped cylinder backpacks allow a patient to be very active while still being mobile with their oxygen supply system. This bag is double padded in the rear to minimize the pressure from the cylinder against the back. Using a standard regulator or a conserving device, the entire oxygen system is concealed within the confines of the bag. The only piece of equipment which is visible is the cannula tubing which exits the bag through a small grommet, travels under the patient's arm, and rests over their patient's ears. The bag is constructed of washable, heavy-duty denier, has padded shoulder straps with sternum strap, has large easy-grab zipper pulls, an embroidered carrying handle for easy pick up, an outside stuff cord, and a large zippered pocket. These bags can accommodate either an M6/ M9 or MD medical oxygen cylinder.

### Backpacks for Oxygen Cylinders

Part Number	Description
CD1005	M6 / M9 Cylinder Backpack
CD1011	MD Cylinder Backpack



## Horizontal Cylinder Bags



Our unique fanny pack/ horizontal bag can be used as a rear fanny pack which rests comfortably on the user's hips or can convert to a horizontal bag by purchasing the additional shoulder strap (#CDSTRAP). The horizontal version of the bag is designed to be worn over the shoulder with the bag resting horizontally under the arm. The adjustable shoulder strap uses thick padding to ensure that little stress is placed on the shoulder. The entire oxygen system is concealed within the confines of the bag except for the cannula which exits the bag through a grommet in the top of the bag, travels up the chest of the patient, and then rests comfortably over the patient's ears. The fanny pack version of the bag converts by removing two concealed waist straps from compartments from the side of the bag. This stress reducing belt system uses wide webbing, a large easy-to-use buckle, and a lumbar pad to reduce stress from the cylinder on the lower back. The bag is constructed of washable, heavy-duty denier, has large easy-grab zipper pulls, an embroidered carrying handle for easy pick up, and large internal and external zippered pockets. This bag can accommodate both M6/M9 and MD medical cylinders.



### Horizontal Bags for Oxygen Cylinders

Part Number	Description
CD1008	M6 / M9 Cylinder Fanny Bag
CD1009	M6/M9 Cylinder Horizontal Bag

# Medical Equipment Bags

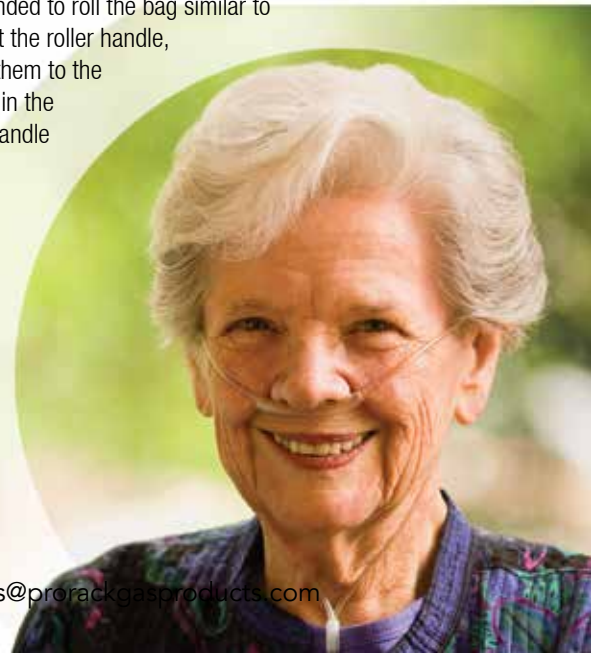
## O2 SIDEKICK

- Large EZ-Grab dual zipper pull for fast opening of main panel
- Bag simply extends for E size Cylinders
- High quality denier material for years of service life
- Two large internal mesh pockets for extra supplies
- Strong cylinder internal cylinder restraints
- Dual accessory pockets
- Telescopic Roller Bag Handle
- 3 in 1 Bag Design:
  - Shoulder Bag Option
  - Back Pack Bag Option
  - Roller Bag Option
- Water bottle compartment



**The O2 SIDEKICK is 23.5" long x 10.5" wide (base) x 8.5" deep and weighs 4.75 lbs.**

The O2 SIDEKICK is the perfect oxygen cylinder companion for any mobile oxygen user. It's what you've been asking for! This unique bag can be used as a roller bag, a backpack, OR a shoulder bag. The main front pocket of the O2 SIDEKICK opens using a large EZ-Grab zipper tube puller making it simple to open both front zippers at the same time. The main pocket contains 2 large elastic mesh compartments that can be used to store extra tubing or additional supplies. Two large wide cylinder security straps can be easily cinched around your oxygen cylinder to secure it into place. Using a standard regulator or a conserving device, your oxygen tubing can then be run through one of three grommet holes so that you can completely conceal your oxygen system within the bag. Once your oxygen system is secured into place, a dual position roller handle can be extended to roll the bag similar to roller luggage. To convert the bag to a backpack, simply retract the roller handle, and extend the two hidden padded backpack straps and clip them to the d-rings near the bottom of the bag. The bag is triple padded in the back to minimize the pressure from the cylinder and roller handle against the back. This bag is constructed from washable, heavy-duty denier, has a large external mesh water bottle holder, embroidered carrying handles for easy pick up, a large external zippered pocket, and is lined with reflective silver piping for easy visibility at night. The bag can accommodate M2, M4, M6, M7, ML6, M9, MD, MJD, or even ME cylinders. An inside zippered pocket extends a panel to cover the taller ME size cylinder.



Part Number	Description
CD1020	O2 Side Kick Pull Bag, for D & E Cylinders



## Deluxe Wheel Chair Bag

This super deluxe cylinder oxygen bag uses the wheel chair to support and carry your M6, M9, or ME cylinder along with all of your oxygen equipment, and more. Four durable, adjustable straps secure the bag to the wheel chair handles and seat braces. This tightly secures the bag and prevents it from moving side to side as your chair moves along. Several grommet holes in the top of the bag allow the use of many different oxygen systems. The cannula exits the bag through one of these small grommets, travels over the patient's shoulder, and rests comfortably over the patient's ears. A clear plastic zippered window allows a patient's companion to view the gauge contents of the cylinder without removing the cylinder from the bag. The bag folds to support smaller or larger cylinders. This bag is constructed of washable, heavy-duty denier, has large easy-grab zipper pulls, an embroidered carrying handle for easy pick up, and a large external zippered pocket. An additional large gusset pocket is located on the bottom of the bag to store personal belongings.



Part Number	Description
CD1014-SD	Deluxe Oxygen Cylinder Wheel Chair Bag

## Homefill Cylinder Bags



Due to the vertical nature of medical cylinders (i.e. lengthwise with valve on top), many patients prefer to carry the cylinder in the vertical position under their shoulder, allowing the cylinder to hang vertically down the length of their body. The bags employ an adjustable, heavily padded shoulder strap to reduce stress from the weight of the cylinder. The CD1004 designed for the ML6 Homefill cylinder conceals the entire cylinder, valve and regulator and the cannula exits through a small grommet. The CD1006 and CD1007 are more simple design specific to the Invacare Venture HomeFill cylinders. Convenient openings for gauge, dial and cannula fitting.



Part Number	Description
CD1004	ML6 Homefill Cylinder Shoulder Bag, zipper top
CD1006	ML6 Homefill Cylinder Shoulder Bag
CD1007	M6 / M9 Homefill Cylinder Shoulder Bag

# Medical Device Bags

## Enteral Feeding Devices

The high quality Enteral Pump backpacks allow the patient to carry the bag on their back while concealing their entire system. The feeding tube exits the bag through a small hole on the bottom of the bag. The bag is double padded in the rear to minimize the pressure on the patient's back. The easy view window flap allows the technician to set the pump without removing it from the bag. The bag is constructed of washable, heavy-duty denier, has large easy-grab zipper pulls, an embroidered carrying handle for easy pick up, and a large external zippered pocket.



### Home Infusion Enteral Backpacks

Part Number	Description
CD1028	Enternal Pump Mini Back Pack
CD1001	Joey Pump Backpack, 500ML
CD1001-1000	Joey Pump Backpack, 1000ML
CD1066	Home Infusion Pump, 1 liter, Backpack
CD1068	Infusion Pump Backpack 250-500ML
CD1069	Home Infusion Pump, 3 liter, Backpack



## Oxygen Concentrator Bags



### XP02 Portable Oxygen Concentrator Bag

Discreet black nylon material is washable. Protects XP02 Portable Concentrator from scratches and bumps. Convenient handle and strap for multiple carrying options.



### INOGEN G3 Bag

The G3 Carry Bag provides protection for the Inogen One G3 Portable Oxygen Concentrator while allowing more freedom and mobility. The carry bag has a handle and adjustable shoulder strap to help best fit your needs.



### Oxygen Concentrator Bags

Part Number	Description
CD1045	XP02 Portable Oxygen Concentrator Bag
CD1090	INOGEN Portable Oxygen Concentrator Bag

# Medical Device Bags

## Suction Device Carry Bags

The Suction Pump Carrying Case is for use with the various suction machines including the DRIVE medical 186151 and 18610 series of machines. Easily transport your suction pump and accessories in this convenient carry case.



Suction Device Carry Bags

Part Number	Description
CD1071	Suction Machine Carry Bag
CD1075D	Carry Bag for DRIVE Suction 186151 / 18610



## CPAP Machines Carry Bags

The CPAP machine carry bags are designed specifically for the devices offering portability and protection to your equipment. Our bags are designed for Phillip Respironics and RESMED machines and offer as many features possible to travel safely with your equipment.



### CPAP Machines Carry Bags

Part Number	Description
CD1024	M Series CPAP / BiPAP Carry Bag
CD1070	Respironics Remstar CPAP Machines
CD1072	ResMed S9 Series CPAP/BIPAP machines
CD1073	ResMed Airsense 10 Travel CPAP Bag
CD1076	Phillips Respironics Dream Station CPAP Carry Bag

# Portable Oxygen Cylinder Storage Racks

## Cylinder TuffRack™ CS - Convertible System

The ALL NEW CS (convertible system) cart-rack system has been engineered to provide the most value in cylinder storage and transport. The system allows you to convert all CS TuffRacks into TuffCarts by simply installing the modular wheelbase and handle. Need more racks? Simply convert the carts for storage. And the entire system ships easily in 2 small boxes. No more carts arriving damaged in shrink wrap. This is simply a better system!

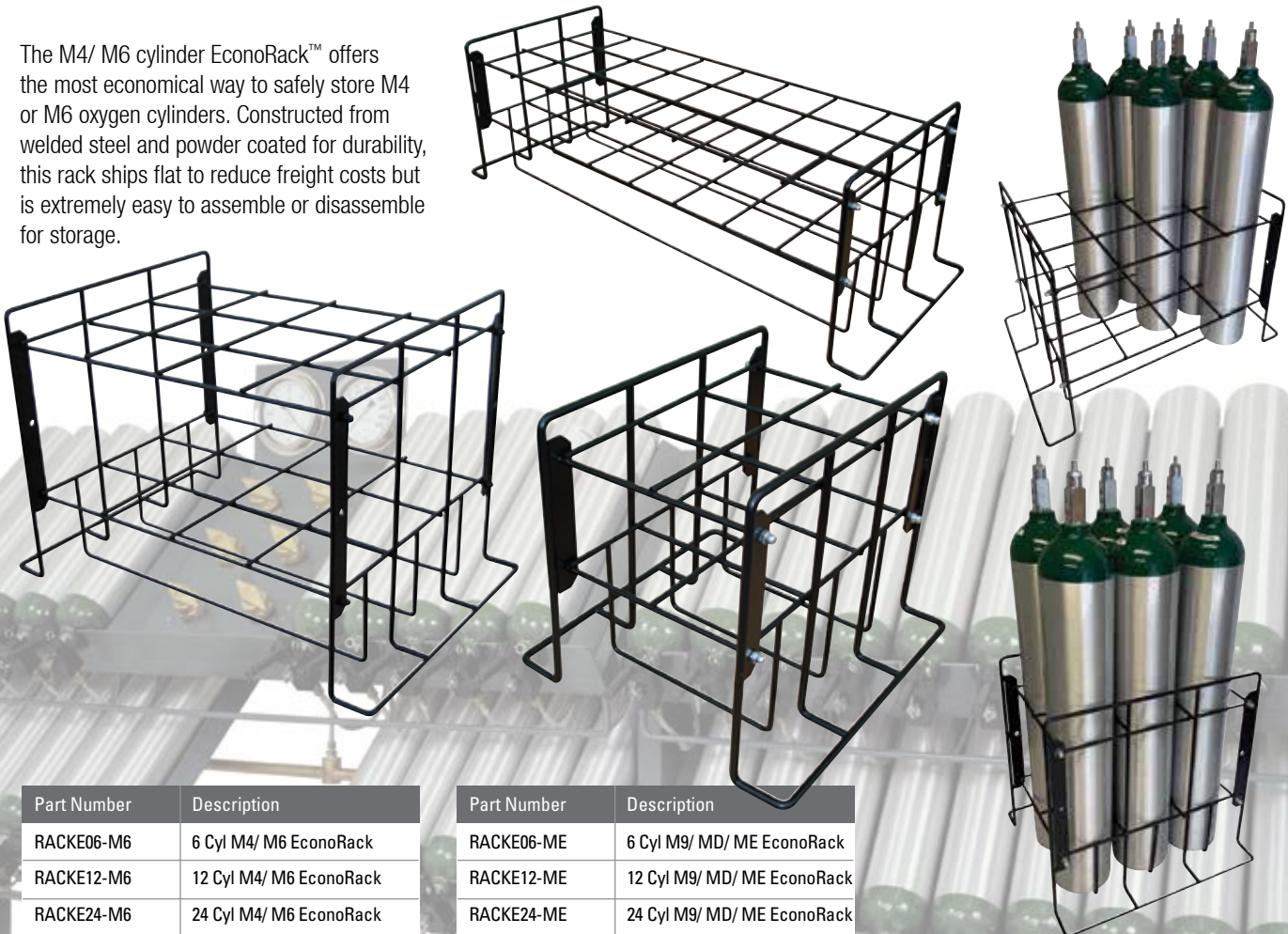
This heavy-duty cylinder rack can accommodate up to 24 MD or ME medical cylinders. This electric welded rack is constructed from heavy duty round bar to ensure durability and strength. It is powder coated black for extra durability and to prevent rust. Four holes are strategically placed to secure to a delivery truck or van.



Part Number	Description
TRACK06C-ME-CS	6 Cyl MD/ME TuffRack™ CS
TRACK12C-ME-CS	12 Cyl MD/ME TuffRack™ CS
TRACK24C-ME-CS	24 Cyl MD/ME TuffRack™ CS

Part Number	Description
TRACK12C-M6-CS	12 Cyl M4/M6 TuffRack™ CS
TRACK24C-M6-CS	24 Cyl M4/M6 TuffRack™ CS
TRACK48C-M6-CS	48 Cyl M4/M6 TuffRack™ CS

The M4/ M6 cylinder EconoRack™ offers the most economical way to safely store M4 or M6 oxygen cylinders. Constructed from welded steel and powder coated for durability, this rack ships flat to reduce freight costs but is extremely easy to assemble or disassemble for storage.



Part Number	Description
RACKE06-M6	6 Cyl M4/ M6 EconoRack
RACKE12-M6	12 Cyl M4/ M6 EconoRack
RACKE24-M6	24 Cyl M4/ M6 EconoRack

Part Number	Description
RACKE06-ME	6 Cyl M9/ MD/ ME EconoRack
RACKE12-ME	12 Cyl M9/ MD/ ME EconoRack
RACKE24-ME	24 Cyl M9/ MD/ ME EconoRack



## Brackets

### Dual Cylinder Wall Bracket - Size "H" or "T"

This dual cylinder wall bracket accommodates 2 large steel cylinders including size "H" and "T". There are 2 strategically place holes to secure the bracket into a wall. The bracket is powder coated black for extra durability and to prevent rusting.



**PART NUMBER** WB1C



**PART NUMBER** WB2C

### Single Cylinder Wall Bracket - Size "H" or "T"

This single cylinder wall bracket accommodates large steel cylinders including size "H" and "T". There are 2 strategically place holes to secure the bracket into a wall. The bracket is powder coated black for extra durability and to prevent rusting.



**PART NUMBER** WCB-A



### Adjustable Wheelchair Bracket - Size MD/ME

This adjustable wheelchair bracket slides onto the bottom support bar of any size wheelchair and has an adjustable secure arm that is designed to fit any upright support bar configuration. The bracket is powder coated black for extra durability and to prevent rusting. Supports cylinder sizes MD or ME.



## Cylinder Stands

### Adjustable Large Cylinder Stand

The Adjustable Large Cylinder Stand has the ability to secure any large cylinder with a outside diameter size of 7.5" to 9.25".

The unique design of this stand DOES NOT require you to reverse the securing plate to accommodate different size cylinders, rather you simply tighten the adjustment knobs to accommodate all diameter sizes from 7.5" to 9.25". This stand is made of high grade steel, is electric welded, and is powder coated for extra durability.



**PART NUMBER** STANDM60T01-A



### MM Cylinder Stand

This economical steel cylinder floor stand accommodates an MM cylinder.



**PART NUMBER** STANDM6001



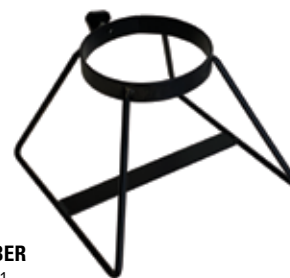
**PART NUMBER** STANDMM01

### M60 Cylinder Stand

This economical cylinder floor stand accommodates M60 cylinders.



**PART NUMBER**  
STANDED01



### ME/MD Single Cylinder Stand

This economical steel cylinder floor stand accommodates an ME cylinder.

# Portable Oxygen Cylinder Transport Carts

## Single and Dual Cylinder Carts

**PART NUMBER**  
CART101-A-P

### Single Cylinder MD/ME Adjustable Black Cart

This lightweight adjustable cylinder cart makes it easy to transport MD and ME medical cylinders. The cart adjusts for various heights and makes for easy storage. This cart has a durable black powder coat finish. The cart wheels are black so they never look too dirty.

**PART NUMBER**  
CART101-B

### Single Cylinder Cart for M6

This lightweight adjustable cylinder cart makes it easy to transport M4 and M6 medical cylinders. The cart adjusts for various heights and makes for easy storage. This cart has a durable black powder coat finish. The cart wheels are black so they never look too dirty.

**PART NUMBER**  
CART101-C

### Single Cylinder Cart for ML6/M9

This lightweight adjustable cylinder cart makes it easy to transport ML6 and M9 medical cylinders. The cart adjusts for various heights and makes for easy storage. This cart has a durable black powder coat finish. The cart wheels are black so they never look too dirty.

**PART NUMBER**  
CART101-2A

### Dual Cylinder ME/MD Adjustable Cart

This lightweight adjustable cylinder cart makes it easy to transport 2 MD or ME medical cylinders. The cart adjusts for various heights and makes for easy storage. This cart has a durable black powder coat finish. The cart wheels are black so they never look too dirty.

### Single Cylinder Cart for "MJD" Jumbo D Cylinder

This lightweight chrome cylinder cart makes it easy to transport Jumbo D medical cylinders. The cart is chromed and the wheels are white for easy cleaning.

**PART NUMBER**  
CART101-J





## TuffCart™ Single and Dual Cylinder Carts



**PART NUMBER**  
TCART1C2W

### Single Cylinder TuffCart™ w/ 2 Wheels (Pneumatic Avail.)

This single cylinder transport cart is recommended for transporting and handling large cylinders. This cart is equipped with a bright plated safety chain and large 10" x 1.75" solid rubber wheels or optional pneumatic wheels.

Part Number	Description
TCART1C2W	Single Cyl TuffCart™ w/ 2 Solid Wheels

### Single Cylinder Heavy Duty TuffCart™ w/ 2 Wheels (Stair Climbers Avail.)

This single cylinder heavy duty transport cart is recommended for transporting and handling large cylinders upto 500 lbs. It has been reinforced with a dual bar handle for extra strength and equipped with a bright plated safety chain and comes standard with large 10" x 1.75" solid rubber tires. This cart is also available with rubber pneumatic wheels and stair climbers.



**PART NUMBER**  
TCART1C2W-HD

Part Number	Description
TCART1C2W-HD	Single Cyl HD w/ Solid Wheels
TCART1C2W-HD-SC	Single Cyl HD w/ Solid Wheels +SC



**PART NUMBER**  
TCART1C4W

### Single Cylinder TuffCart™ with 4 Wheels

This single cylinder transport cart is recommended for transporting and handling extra large cylinders. It is designed with a retractable set of 2 wheels to give the cart more support. It has been reinforced with a dual bar handle for extra strength and equipped with a bright plated safety chain and large 10" x 1.75" solid rubber tires. This cart is also available with rubber pneumatic tires.

### Heavy Duty Liquid Cylinder Reservoir Cart with Stair Climbers

This heavy duty stair climber cart carries 1 cylinder oxygen reservoir (up to 14.5" in diameter). Rotary stair climbers, rubber padded, 2 securing chains, and 10" pneumatic wheels.

**PART NUMBER**  
TCART1C2W-LQ-SC



### Dual Cylinder TuffCart™ with 2 Wheels

This double cylinder transport cart is recommended for transporting and handling 2 large cylinders. This cart is equipped with a bright plated safety chain and large 10" x 1.75" solid rubber tires. Optional pneumatic wheels are available.

**PART NUMBER**  
TCART2C2W

Part Number	Description
TCART2C2W	Dual Cyl TuffCart™ w/ 2 Solid = Wheels



# Portable Oxygen Cylinder Transport Carts

## TuffCart™ CS - Convertible System



TCARTxxC-ME-CS

### 6/12/24 M9/ MD/ ME Cyl. TuffCart™ CS System

The ALL NEW CS (convertible system) cart-rack system has been engineered to provide the most value in cylinder storage and transport. The system allows you to convert all CS TuffRacks into TuffCarts by simply installing the modular wheelbase and handle. Need more racks? Simply convert the carts for storage. And the entire system ships easily in 2 small boxes. No more carts arriving damaged in shrink wrap. This is simply a better system!

All TuffCarts are designed to easily transport multiple medical cylinders. The carts provide individual cylinder spacing, positive cylinder placement, and they distribute weight evenly for easy handling on stairs or uneven surfaces. All carts are powder coated black and are constructed from angle iron and steel round bar to ensure greater durability and strength. All carts include 2 locking swivel casters and 2 locking fixed casters for smooth and safe transport.

Part Number	Description	Components	
		TuffRack	Wheelbase
TCART06C-ME-CS	6 M9/ MD/ ME CYL T-CART	TRACK06C-ME-CS	TCARTSB4W1H
TCART12C-ME-CS	12 M9/ MD/ ME CYL T-CART	TRACK12C-ME-CS	TCARTMB4W1H
TCART24C-ME-CS	24 M9/ MD/ ME CYL T-CART	TRACK24C-ME-CS	TCARTLB4W1H
TCART12C-M6-CS	12 M4/ M6 CYL T-CART	TRACK12C-M6-CS	TCARTSB4W1H
TCART24C-M6-CS	24 M4/ M6 CYL T-CART	TRACK24C-M6-CS	TCARTMB4W1H
TCART48C-M6-CS	48 M4/ M6 CYL T-CART	TRACK48C-M6-CS	TCARTLB4W1H

## Accessories



Part Number  
WHEEL1

### 8" Solid Rubber Replacement Caster

This is a 8" x 1.50" solid rubber tire for use on the TuffCart™ cart series. Fits Carts:

- TCART1C2W
- TCART1C2W-HD
- TCART1C2W-HD-SC
- TCART1C4W



Part Number  
WHEEL2

### 4" Swivel Replacement Caster with Brake

This is a high strength 4" swivel wheel with brake that is used on the front of most TCART series carts. Fits Carts:

- TCART12C4W-M6
- TCART24C4W-M6
- TCART48C4W-M6
- TCART06C4W-ME
- TCART12C4W-ME
- TCART24C4W-ME



Part Number  
CARTTIP

### Single Cylinder Cart Hook Tip Replacements

Plastic replacement cart hook tips for single cylinder carts.



Part Number  
CARTCAP

### Single Cylinder Cart Foot Cap Replacements

These are rubber replacement foot caps for the single cylinder carts. Package includes 10 foot caps.



Part Number  
WHEEL3

### 4" Fixed Replacement Caster

This is a high strength 4" fixed wheel that is used on the back of most TCART series carts. Fits Carts:

- TCART12C4W-M6
- TCART24C4W-M6
- TCART48C4W-M6
- TCART06C4W-ME
- TCART12C4W-ME
- TCART24C4W-ME



Part Number  
WHEEL4

### 10" Pneumatic Replacement Wheel

This is a 10" x 1.75" pneumatic rubber tire for use on the TuffCart™ pneumatic cart series.

Fits Carts:

- TCART1C2W-PNEU
- TCART2C2W-PNEU



Part Number  
CARTSCREW

### Single Cylinder Cart Securing Screw Replacements

These are replacement cylinder securing screws for the single cylinder carts.



## ProRack Mobile Medical Cylinder Filling Systems

ProRack offers portable medical cylinder filling systems for all types of gas suppliers and distributors. The ProRack High volume medical cylinder fill racks are conveniently available in 40, 60, 80 and 100 cylinder configurations depending on your filling requirements. Engineered for portability and maximizing space, ProRack has proven to be the best solution for your medical gas needs.

### ProRack Systems Outstanding Benefits:

- Fill More Cylinders Quickly and Efficiently
- Compact Lightweight Design
- Save Time & Increase Profits
- Less Cylinder Handling.

### ProRack High Volume Series Design Features:

- Double-decked and two sided to maximize floor space.
- Cylinders are placed on the rack at a 45° angle for maximum removal of liquid contamination during the venting and vacuum stages.
- Heavy duty steel casters with locks are used for securing the rack for safety during filling & evacuation.
- High quality chrome plated brass yokes with easy to use hand wheels instead of the conventional T-handle design.
- Master isolation valve for filling top & bottom independently.
- ProRack uses high quality stainless steel braided flexible hoses. Armor cased available upon request.
- ProRacks are constructed with heavy duty materials for superior strength & durability yet are designed light to be very portable.
- Manifolds are constructed of heavy wall brass pipe and all joints are brazed to assure strength and durability.

### Optional Accessories:

- Quick Connect Fill Yokes by FastTest® - Make your ProRack even faster!



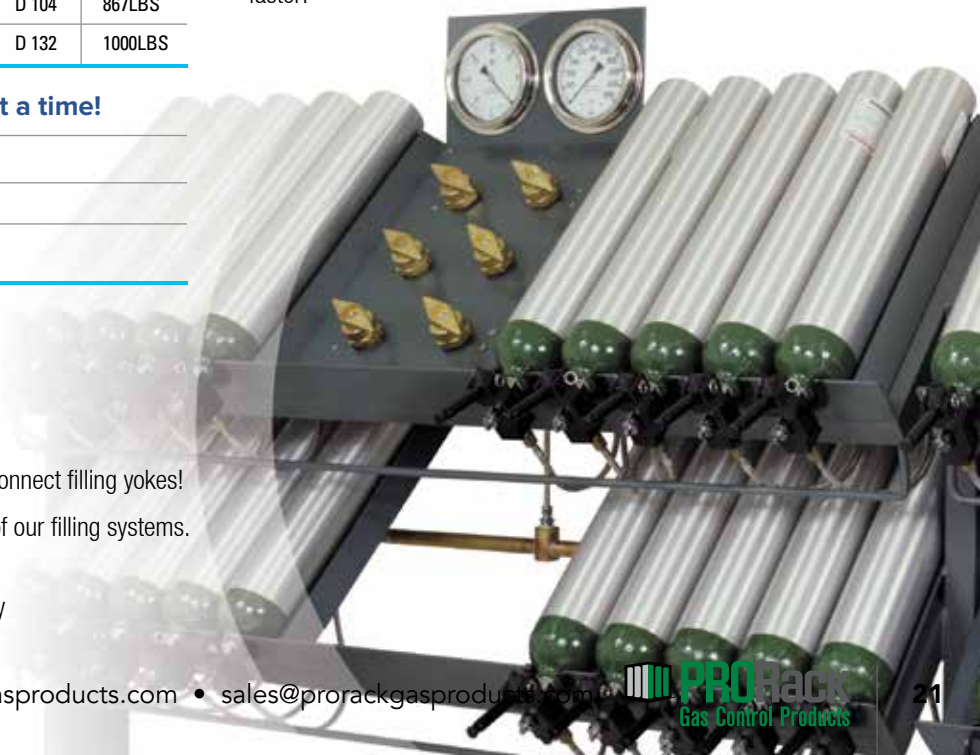
Part Number	Description	Width	Height	Depth	Weight
PART # PRO-40-870I	40 CYLINDER	W 44.5	H 77	D 52	473LBS
PART # PRO-60-870I	60 CYLINDER	W 44.5	H 77	D 78	669LBS
PART # PRO-80-870I	80 CYLINDER	W 44.5	H 77	D 104	867LBS
PART # PRO-100-870I	100 CYLINDER	W 44.5	H 77	D 132	1000LBS

### Increase Capacity – Operate three racks at a time!

Rack #1	Loading/Unloading
Rack #2	Vacuum
Rack #3	Filling



Fill faster with ProRack's quick connect filling yokes!  
Add the Quick Connects to any of our filling systems.  
Part # QC-870-4  
Medimate® Filling Yoke Assembly



# Oxygen Cylinder Charging Manifolds

## 24 Cylinders, Floor Mounted

ProRack's cylinder charging manifold is the economic answer to growing your cylinder filling capacity quick. Our modular 24 cylinder cross-over manifolds are designed to grow with your business. Start with our basic 24 cylinder system with full controls and add on extension headers as needed when the demand for more capacity is there.



### Manifold Features

- 3/4" heavy wall brass pipe.
- 3000PSI service pressure.
- All pipe connections are brazed - Not pipe thread.
- Header valves are supplied with safety relief devices for extra safety.
- ProRack utilizes all Rego® 9560 series master valves
- All control section components utilize nut & tail piece connections for end user versatility and ease of access for repair.
- Supplied with calibrateable stainless steel case 6" gauge. Easy to read from a distance, legible, simple scale.
- VERSATILITY - Supplied with 4 check valve inlet/outlets;
  - 1) 1/2" F.NPT check valve - manifold charging inlet.
  - 2) 1/2" F.NPT check valve - Auxiliary charging inlet.
  - 3) 1/2" F. NPT check valve - Vent outlet.
  - 4) 1/2" F.NPT check valve - Vacuum outlet.

End user can orientate inlets/outlet check valves in any position that makes sense for the location that unit will be installed.

- Heavy duty manifold stands with clamps supplied with all units.



### Cylinder Charging Manifolds\*

Part Number	Description
CO-540-24-WC	24 Cylinder charging manifold, OXYGEN Service. Includes pressure gauge and controls; two fill, vent & vacuum.
CO-540-24	24 Cylinder charging manifold, OXYGEN Service. Extension only.

\* Common manifolds shown. Please call for pricing on other gas services or options wanted



## PCA Series Premier Cylinder Transfill System for Medical Oxygen Service



Part # PCA-540-5-3 Premier Series Cascade/Transfill manifold. Oxygen system for trans-filling from 5 large supply cylinders to 3 cylinders at a time. Shown with optional vacuum regulator assembly. Cylinders and stands not included.

ProRack's PCA Series manifolds are perfect for medical oxygen and homecare providers. The manifold systems are designed for ease of operation and maximum, yet safe, transfilling speeds. The PCA transfill systems incorporate features such as a control regulator that ceases the flow at the desired pressure and metering orifices at each outlet station allowing gas to flow at a safe, efficient speed. Complete turn key systems make venting, evacuating and filling cylinders simple. Larger capacity supply and mobile fill carts are available.

### Features

- Solid 1/2" brass pipe construction
- Control regulator ceases filling process at desired pressure.
- Metering orifices control filling speed for safe transfilling.
- Monitoring gauges at each fill cylinder location.
- Control valves and spin on yokes at each fill cylinder location.
- Systems include check valve outlets on supply side.
- 2400 PSIG relief valve
- Maximum inlet pressure 3000PSIG.
- 2015PSIG Maximum fill pressure.
- 24" flexible stainless steel braided pigtail for each cylinder location.
- 60" Supply to Fill flexible stainless steel braided pigtail.
- Designed to meet CGA (Compressed Gas Association) and NFPA (National Fire Protection Association) guidelines.



### Options

- Vacuum Regulator and Vacuum Pump
- Oxygen Analyzer
- Cylinder floor stands
- Oxygen quick connect yokes
- Mobile cylinder fill racks

Part # PCA-4-3  
PCA Series Cascade/Transfill  
4 supply into 3 fill side.

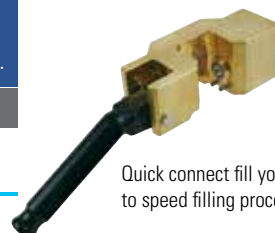
### Transfill Accessories



Part # CS-PK2  
Vacuum Pump and Regulator Kit



Part # TR-104  
Oxygen Analyzer



Quick connect fill yokes can be supplied to speed filling process

### Transfill Ordering Information

Specify: PCA - 540 - # Of Cylinders - # Of Cylinders

Example 1: PCA-540-5-3 Premier oxygen transfill, 5 supply side cylinders, 3 fill side cylinders.

Control Type	Gas Service	# Of Supply Cylinders	# Of Fill Cylinders
PCA Premier Series	(540) Oxygen	Enter number of cylinders for <b>Supply Side Bank</b>	Enter number of cylinders for <b>Fill Side Bank</b>

To order transfill systems with mobile fill carts for fill side order # PCA-540-X-1 and cart separate

# Medical Fill Yokes & Quick Connect CGA Connections

## Chrome Plated Medical Fill Yokes

High quality solid brass forged medical fill yokes with chrome plating for durability.

### Key Features

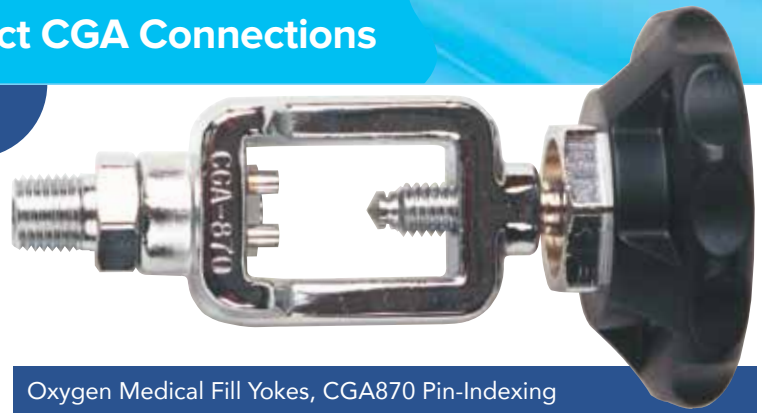
- All medical yokes are cleaned and packaged for oxygen service.
- Available with CGA, 1/4" & 1/2" M.NPT end connections.
- Standard T-Handle and Deluxe handtight connections are available.
- Special order non-chrome plated all brass yokes available.
- All yokes are manufactured for up to 3000PSI service pressure.
- Repeatable performance.

### Medical Fill Yokes for Other Medical Gas Service

Replace the "XXX" with the CGA code for the gas service you require.

Ex. Part # MFY-910-4 is a yoke for CGA910 medical Nitrous Oxide service.

Part Number	Description	Operation
MFY-XXX-4	1/4" M. NPT	T-Handle
MFY-XXX-4H	1/4" M. NPT	Deluxe Handtight
MFY-XXX-8	1/2" M. NPT	T-Handle
MFY-XXX-8H	1/2" M. NPT	Deluxe Handtight



### Oxygen Medical Fill Yokes, CGA870 Pin-Indexing

Part Number	Description	Operation	Gas Service	CGA Code
MFY-870-1	CGA540 Male Threads	T-Handle	Oxygen	CGA870
MFY-870-1H	CGA540 Male Threads	Deluxe Handtight	Oxygen	CGA870
MFY-870-4	1/4" M. NPT	T-Handle	Oxygen	CGA870
MFY-870-4H	1/4" M. NPT	Deluxe Handtight	Oxygen	CGA870
MFY-870-8	1/2" M. NPT	T-Handle	Oxygen	CGA870
MFY-870-8H	1/2" M. NPT	Deluxe Handtight	Oxygen	CGA870

### CGA Codes Available

Yokes are available in the following configurations:

- CGA870 Oxygen
- CGA880 Carbon Dioxide(Not over 7%) - Oxygen Mixtures
- CGA890 Helium(Not over 80%) - Oxygen Mixtures
- CGA910 Nitrous Oxide
- CGA930 Helium(Over 80%) - Oxygen Mixtures
- CGA940 Carbon Dioxide(Over 7%) - Oxygen Mixtures
- CGA950 Medical Air
- CGA960 Medical Nitrogen
- CGA973 Medical Gas Mixtures



## Quick Connects for Medical Valves

The yoke quick connector type TW42 is especially designed for filling gas cylinders with Pin-Index (with or without residual pressure valve). The connector is very light in weight and therefore easy to operate. The design of the TW42 is open allowing for easy connection, especially to cylinder valves with hand wheels and gauges.

Simply place the connector body over the cylinder valve, align the index pins and move handle upwards. The pressure-tight connection is made. The pressure assisted piston prevents accidental disconnection under pressure and provides additional safety.

For gas cylinders with residual pressure valve type, order the connector equipped with a RPV pin for opening the residual pressure valve.

Technical Data	
Characteristic	Basic Version
Pressure	3000PSI
Temperature Range	41°F up to 140°F
Connection A	Pin-Index connection CGA 870
Medium	Medical oxygen
Actuation	Manual actuation via lever handle
Material	Corrosion resistant stainless steel, brass
Sealing Material	EPDM (others on request)

Quick Connector TW42			
Part Number	Series	Connection A	Inlet B1 (external thread)
C1-117833	TW42	CGA 870	NPT 1/4"
C1-117833-8*	TW42	CGA 870	NPT 1/4"
C1-8-117833	TW42	CGA870	NPT 1/2"

\* Equipped with pin for RPV Pin-Index Valves

### Applications

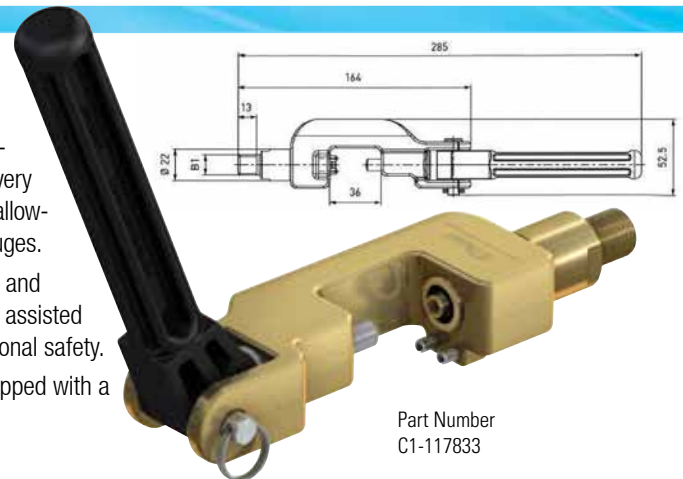
Yoke quick connector for filling of gas cylinders with Pin-Index system.

### Key Features

- For Pin-Index connections
- Super light => only 24.7 oz. (700 grams)
- Monel vetted piston and full brass, enhances safety (heat sink & spark free)
- Open bow body for connection in seconds
- Pressure-assisted piston prevents accidental disconnection under pressure
- High-grade materials

### Spare Parts: Various parts are available as spares for type TW42:

Part Number	Description
E50-054E	O-ring
E62-3041-010	Index Pins
E67-118238	Lever
W127886	Piston Assembly Complete



Part Number  
C1-117833



## Ball Style Quick Connects

The WEH® Quick Connectors have been designed for connection to female or male CGA cylinder valve threads. Just flip the bail to connect – no tapes, no thread sealants, no hand-tightening needed, thus reducing operating times and increasing productivity and eliminating carpal tunnel syndrome due to repetitive wrist movements.

WEH® Connectors for oxygen applications are cleaned for oxygen and available with adiabatic oxygen approval and rated for 3,000 psi as per CGA and MAWP 3750PSI. The connectors feature high flow and are available with or without RPV (residual pressure cylinder valves).

### Key Features

- Stainless steel and brass body components
- Bail actuated connectors
- WEH® Jaw Locking Mechanism
- EPDM Elastomer Seals
- Whip connection port:
  - o Male: 90 Degree Right Angle 1/4"NPT
- Specifically designed for heavy duty, high volume filling requirements.
- US Patent No. 6,375,1521B



TW54C Series - Part Number C1-117539  
CGA580 Connector with small bail.

TW54C Series - Part Number C1-117540-4 CGA580 Connector with  
RPV and large bail.

Technical Data	
Characteristic	Basic Version
Pressure	3000PSI
Temperature Range	41°F up to 176°F 41°F up to 140°F (O <sub>2</sub> )
Connection A	Internal thread connection acc. to the corresponding national standard e.g. DIN, CGA, BS, NF etc.
Medium	Oxygen, nitrogen, CO <sub>2</sub> , air, inert gases, medical gases
Actuation	Manual actuation via operating loop
Material	Corrosion resistant stainless steel, brass
Sealing Material	Acc. to gas type
Design	With or without RPV pin
Registration	PED 97/23/EC: CE0036 Adiabatic ignition test available

Other designs on request

Quick Connector TW54 for non-residual pressure valves

approx. dimensions (mm)

TW57C Series - Part Number C1-134003 CGA540 Connector  
with small bail.



Part Number	Description	Series	Connection	Inlet
C1-134003	CGA540, Small Bail	TW57C	CGA540	1/4" Female
C1-134003-4	CGA540, Large Bail	TW57C	CGA540	1/4" Female
C1-117539	CGA580, Small Bail	TW54C	CGA580	1/4" Female
C1-117539-4	CGA580, Large Bail	TW54C	CGA580	1/4" Female
C1-117540	CGA580, Small Bail	TW54C	CGA580, With RPV	1/4" Female
C1-117540-4	CGA580, Large Bail	TW54C	CGA580, With RPV	1/4" Female

# Quick Connect CGA Connections

## CGA 540 Sleeve Style Quick Connects

The TW152 quick connector is designed to achieve easier and more efficient filling of oxygen cylinders because it can be connected directly to the standard thread of the cylinder valve.

The function is quite simple: pull back the sliding sleeve and place the filling connector onto the male thread of the cylinder valve.

The connector has an internal locking mechanism preventing disconnection under pressure.

Type TW152 can be connected to cylinder valves with or without residual pressure valves and valves with integrated pressure regulators. Due to its compact design, it is also suitable for use in confined spaces.

### Applications

Quick connector for filling of oxygen cylinders with male thread (with or without a residual pressure valve) and pressure regulator.

### Key Features

- For oxygen cylinders with male thread (with or without a residual pressure valve) and pressure regulator
- For RPV connectors, with Monel vetted parts and RPV pin
- Connection in seconds directly to the cylinder valve thread
- No hand tightening required
- Automatic locking of the sliding sleeve under pressure prevents disconnection at pressures exceeding 5 bar
- Inline or 90° version available
- WEH® Jaw locking mechanism
- High-grade materials
- MAWP: 3750 PSI



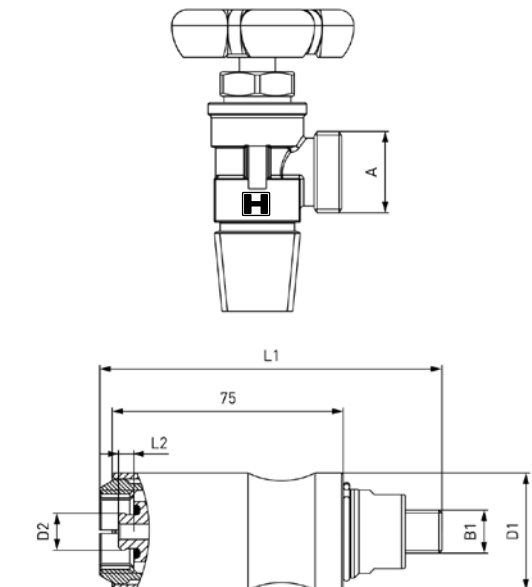
### Technical Data

Characteristic	Basic Version
Pressure Range	PN = 200 bar   PS = 250 bar   PT = 375 bar
Temperature Range	+5 °C up to +60 °C (O2)
Connection A	External thread connection acc. to the corresponding national standard e.g. DIN, CGA, BS, NF etc.
Medium	Medical oxygen
Actuation	Manual actuation via sliding sleeve
Material	Corrosion resistant stainless steel, brass
Sealing Material	EPDM
Design	With or without RPV pin
Registration	PED 97/23/EC: CE0036 Adiabatic ignition test available BAMA or equivalent Adiabatic ignition / burnout Certification

Other designs on request

### Quick Connector TW152

Part Number	Series	CGA	Description	D1	L1
C1-155579	TW152	CGA540 RPV	90° NPT 1/4" Female	38	122
C1-49930	TW152	CGA540	90° 1/4" NPT Female	38	111
C1-47060	TW152	CGA540	Inline 1/4" NPT Male	38	111



### Replacement O-Ring for TW152

Part Number	Description
E50-46786-S611	O-ring (for TW152)



KONEX offers the compressed gas industry the most complete high quality line of PTFE lined high pressure hoses and pigtails. All KONEX hoses are designed with custom machined end fittings, stainless steel locking collars and 304 stainless reinforcing braid for a highly durable assembly with excellent flexibility. Each hose assembly is 100% pressure tested to 1-1/2 times the rated working pressure, and all hoses surpass CGA E-9 requirements.



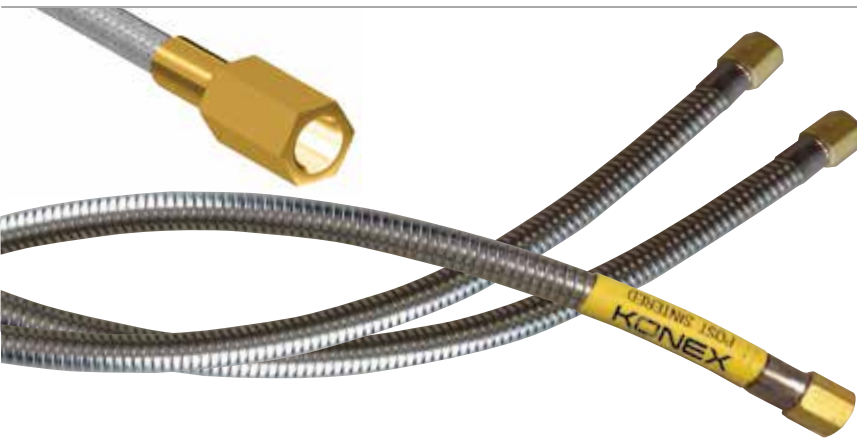
## Standard Series Single Braid – 3000PSI

**CF, CM & CMF Series** – Light and flexible value hose for most standard gas services.

\*3000PSI maximum working pressure, 4500PSI test pressure, 12,000PSI minimum burst pressure

Part Number	with Armor	¼" NPT	¼" NPT
CF-XX	CF-XXAR	Female	Female
CM-XX	CM-XXAR	Male	Male
CMF-XX	CMF-XXAR	Male	Female

Replace "XX" with length in inches. Example: CF24 equals a 24" overall length hose



## Post Sintered Double Braided – 3600PSI

**CFP Series** – The gas industries most popular post sintered hose reduces permeation by approximately 75% and is equipped with double spiral braid for 3600PSI working pressure.

Part Number	with Armor	¼" NPT	¼" NPT
CFP-XX	CFP-XXAR	Female	Female
CMP-XX	CMP-XXAR	Male	Male
CMFP-XX	CMFP-XXAR	Male	Female

Replace "XX" with length in inches. Example: CFP24 equals a 24" overall length hose



## Ultra High Pressure Double Braided – 6000PSI

**CFHP Series** – These hoses are KONEX highest pressure rating hoses carrying a rating of 6000PSI due to the extra heavy stainless steel braiding and double spiral wrap reinforcing.

Part Number	with Armor	¼" NPT	¼" NPT
CFHP-XX	CFHP-XXAR	Female	Female
CMHP-XX	CMHP-XXAR	Male	Male
CMFHP-XX	CMFHP-XXAR	Male	Female

\*6000PSI maximum working pressure, 9,000PSI test pressure, 24,000 minimum burst pressure

All hoses are cleaned and tagged for oxygen service per CGA G-4.1 and manufactured CGA E9 standards. **(Note: CFHP Series are not oxygen cleaned unless requested)** All pigtails are constructed with series 300 stainless steel reinforcing and stainless steel crimped collars.

Style	Avg. I.D. (In)	Avg. O.D. (In) w/armor w/o armor	Max W.P. (PSI)	Min. Burst (PSI)	Min. Bend Radius (In) w/armor w/o armor	Weight (Lbs/Ft) w/armor w/o armor	*Temperature Rating	Liner Conductive (Yes/No)
CF, CM, CMF	0.25	0.55 0.375	3,000	12,000	3.0 3.0	0.277 0.098	-65° to 450°	No
CFP, CMP, CMFP	0.25	0.64 0.420	3,600	14,400	3.0 3.0	0.300 0.136	-65° to 450°	No
CFHP, CMFHP, CMHP	0.229	0.69 0.430	6,000	24,000	5.0 3.0	0.454 0.240	-65° to 400°	Yes

\* Based on intermittent service

# High Pressure Pigtail Assemblies and Transfills

All of Konex's flexible hoses are available with many options such as wrenchtight and handtight CGA connections, shut off valves, check valves, medical yoke connections & elbow fittings. Common pigtail configurations are listed below. Please contact customer service for your custom high pressure pigtail requirements.

## Common Pigtail Assemblies - 3000PSI

KONEX provides common 3000PSI hoses readily available with CGA fittings.



PTF Series		
Part Number	Connection	Connection
PTFXXX-XX	Brass Wrenchtight	Brass Wrenchtight
PTFHXXX-XX	Plastic Handtight	Brass Wrenchtight
PTFHXXX-XXH	Plastic Handtight	Plastic Handtight

Replace the "XXX" with appropriate CGA code. Replace the "XX" with the length in inches (18, 24,36, 48 and 60 are standard lengths).

TF & FC Series – Economical Flexible Hose Transfill Manifolds	
Part Number	Description
TFXXX-XX	Single cylinder transfill

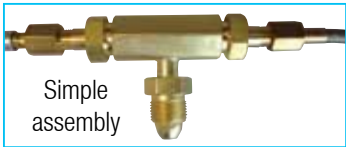
Replace "XXX" with CGA code for gas service you require. Replace the "XX" with hose length.

Part Number	Description
TF870H-60-870H	Single cylinder CGA870 transfill

Adding an H to the end of the CBA denotes "HAND TIGHT CONNECTION."

Part Number	Description
FCX-XXX	Multiple cylinder transfill

Replace the "x" for the number of supply cylinders. Replace "XXX" with CGA code for gas service you require.



Simple assembly

KONEX has many hose options. Call customer service for your special requests.

Wrenchtight 90° Brass Elbows	Check Valves	Wrenchtight CGA Ends	Shut Off Valves	Handtight CGA Ends	Medical Fill Yokes



# Cryogenic Liquid Cylinder Hose and Gas Cylinder Valves

KONEX offers quality liquid cylinder hoses to meet your specific requirements whether being value or performance. Each hose assembly is leak tested to 120 PSIG, and all hoses surpass the most stringent industry qualifications.



## ULTRAFLEX – Ultra Flexible Liquid Cylinder Hose 1160PSI

ULTRAFLEX by KONEX is the industry's most flexible and durable hose for use with cryogenic liquid cylinders. The unique internal disymmetrical omega configuration results in ease of bending and cycle-life of 50,000 plus per ISO 10380 standards. The optional stainless steel armor casing ensures safety by offering anti-kink characteristics and protecting the stainless steel braid.

- 1160PSI maximum working pressure, Temperature: -450F to +1500F.

### Inert Gas Service

Part Number	with Armor	Ends	Length
NASFF-48	NASFF-48AR	CGA295, ½" FLARE	48"
NASFF-72	NASFF-72AR	CGA295, ½" FLARE	72"

\* Common manifolds shown. Please call for pricing on other gas services or options wanted

### Oxygen Service

Part Number	with Armor	Ends	Length
OSFF-48	OSFF-48AR	CGA440, 5/8" FLARE	48"
OSFF-72	OSFF-72AR	CGA440, 5/8" FLARE	72"

**Note:** Liquid cylinder hoses may be ordered in increments of 1 foot. Specify length in inches at time of order. National pipe thread ends can be ordered special.

## Gas Cylinder Valves

ProRack stocks a wide variety of gas cylinder valves for aluminum and steel cylinders. Whether you need valves for new cylinders, recently refurbished cylinders or to replace a valve damaged in the field – ProRack will have you covered.

### Medical Post Valves (Pin Index Valves)

Part Number	Description	Inlet	CGA Outlet	Safety Device
P870-3-4-3360	Post Valve	.750-16UNF2A	CGA870	3360PSI
P870-3-4-3360T	Toggle	.750-16UNF2A	CGA870	3360PSI
P870-4-4-3360	Post Valve	½" NGT	CGA870	3360PSI

### Brass Oxygen Valves (Steel Cylinders)

Part Number	Description	Inlet	CGA Outlet	Safety Device
V540-4-1-3360	Brass Valve	½"NGT	CGA540	3360PSI
V540-6-1-3360	Brass Valve	3/4"NGT	CGA540	3360PSI
V540-6-1-3775	Brass Valve	3/4"NGT	CGA540	3775PSI
V540-6-1-4000	Brass Valve	3/4"NGT	CGA540	4000PSI
VC540-6-1-3360	Chrome Valve	3/4"NGT	CGA540	3360PSI
VC540-6-1-3775	Chrome Valve	3/4"NGT	CGA540	3775PSI
VC540-6-1-4000	Chrome Valve	3/4"NGT	CGA540	4000PSI

### Brass Oxygen Valves (Aluminum Cylinders)

Part Number	Description	Inlet	CGA Outlet	Safety Device
V540-3-1-3360	Brass Valve	.750-16UNF2A	CGA540	3360PSI
V540-5-1-3360	Brass Valve	1.125-12UNF2A	CGA540	3360PSI
VC540-5-1-3360	Chrome Valve	1.125-12UNF2A	CGA540	3360PSI



# Medical Aluminum Oxygen Cylinders

Aluminum cylinders have become the cylinder of choice in the medical industry due to their clean finish, lightweight and easy to handle characteristics. ProRack Gas Control Products offers many sizes with various valves depending on the customers preference. When you are in the market for cylinders, CALL ProRack TODAY!

- Large Inventory
- Quick Delivery
- Great Prices
- Fast Shipping Nationwide!

## Cylinder Notes

- All cylinders sized from M2 to E are designed with a .750-16UNF2A inlet thread.
- All cylinders sized from M60 to MM are designed with a 1.125-12UNF2A inlet thread.
- All cylinders are supplied standard with a protective clear coat with a green shoulder.
- All cylinders are DOT/TC compliant and stamped accordingly for the intended service.

## Cylinder Options

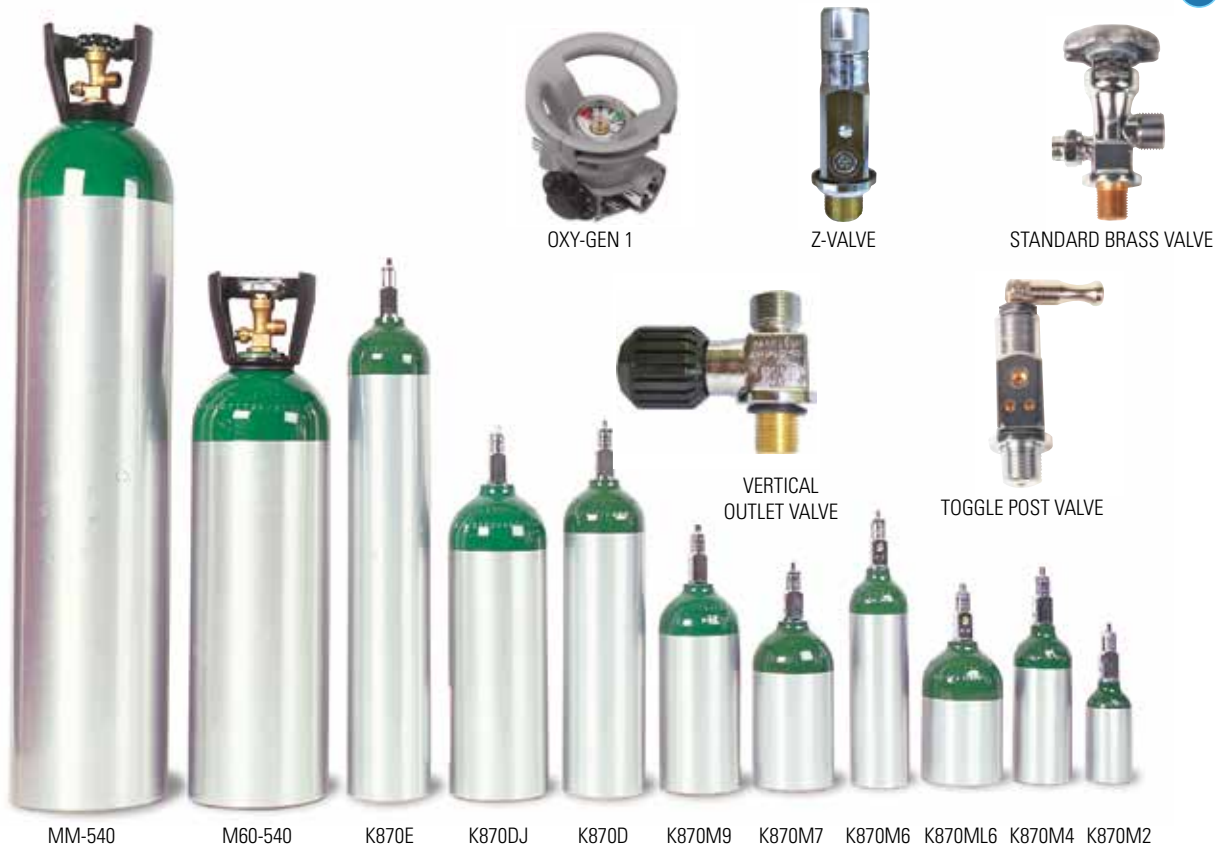
- Custom powder coat painting is available.
- Stamping is available.
- Label under the clear coat is available.
- Customizing available.

## Valve Options

- Standard brass valves are available from common manufacturers.
- RPV valves, brass diaphragm valves and stainless steel diaphragm valves are available.







## Aluminum Oxygen Cylinder Ordering Information\*

CGA870 Post Valve Options				CGA540 Valve Options	
Cylinder	Wrenchtight	Toggle	Z-VALVE	Low Profile w/gauge	Standard
M2	M2CYLP-W	M2CYLT-W	M2CYLZ-W	Y540M2G	T540M2
M4	M4CYLP-W	M4CYLT-W	M4CYLZ-W	Y540M4G	T540M4
M6	M6CYLP-W	M6CYLT-W	M6CYLZ-W	Y540M6G	T540M6
ML6	ML6CYLP-W	ML6CYLT-W	ML6CYLZ-W	Y540ML6G	T540ML6
M9	M6CYLP-W	M6CYLT-W	M9CYLZ-W	Y540M9G	T540M9
D	MDCYLP-W	MDCYLT-W	MDCYLZ-W	Y540DG	T540D
Jumbo D	MJDCYLP-W	MJDCYLT-W	MJDCYLZ-W	Y540DJ	T540DJ
E	MECYLP-W	MECYLT-W	--	Y540EG	T540E
M60	--	--	--	--	M60CYLG-W
M90	--	--	--	--	M90CYLG-W
MM	--	--	--	--	MMCYLG

\* All part numbers shown are cylinders with oxygen valves installed.

## Aluminum Oxygen Cylinder Specifications without Valves

Cylinder	Skid Qty	Oxygen Capacity		Service PSI		Cylinder Length		Cylinder O.D.		Cylinder Weight	
		CU.FT.	LITER	PSI	BAR	IN.	MM	IN.	MM	LBS	KG
M2	20 per box	1.5	42	2216	153	5.6	143	2.5	63.5	.74	.34
M4	144	4	113	2216	153	8.4	213	3.2	81	1.6	7.4
M6	144	6	170	2216	153	11.59	294	3.2	81	2.2	1
ML6	81	6	170	2015	139	7.68	195	4.38	111	2.9	1.29
M9	81	9	255	2015	139	11.88	276	4.38	111	3.7	1.69
D	81	15	425	2015	139	16.51	419	4.38	111	5.3	2.41
Jumbo D	72	22.6	623	2015	139	16.3	414	5.25	133	8.1	3.68
E	81	24	680	2015	153	25.63	651	4.38	111	7.9	3.58
M60	25	60	1699	2216	153	23	584	7.25	184	21.7	9.86
M90	25	90	2549	2216	153	32.7	184.2	7.25	184	30.4	13.7
MM	25	122	3455	2216	153	35.75	908	8	203	38.6	17.55

\* All capacity specifications are based on oxygen service.



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