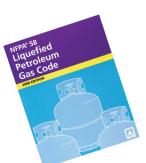
LP-Gas Cylinder and Service Valves

Safety Warnings



Purpose

In its continuing quest for safety, RegO publishes a series of bulletins explaining the hazards associated with the use, misuse, and aging of LP-Gas valves and regulators. It is hoped that these factual bulletins will make clear to LP-Gas dealer managers and service personnel, that the utmost care and attention must be used in the installation, inspection, and maintenance of these products, or problems could occur which would result in injuries and property damage.

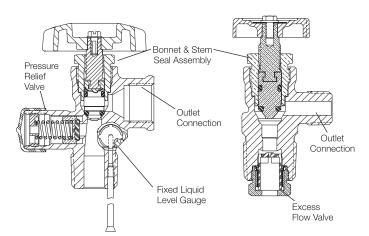
The National Fire Protection Association NFPA 58 Liquified Petroleum Gas Code - 2017 Edition states in Section 4.4 Qualification of Personnel; "Persons whose duties fall within the scope of this code shall be provided with training that is consistent with the scope of their job activities and that includes proper handling and emergency response procedures... Refresher training shall be provided at least every 3 years, initial and subsequent training shall be documented". These "RegO Safety Warnings" may be useful in training new employees and reminding older employees of hazards that can occur. It is recommended that all employees complete the Propane Education Research Council's Certified Employee Training Program.

Nature of Warnings

It is recognized that warnings should be as brief as possible, but the factors involved in cylinder valve failure are many because of the multiple functions the valve serves. If there is any simple warning, it would be:

Check cylinder valves for leaking components every time cylinders are filled.

The bulletin is not intended to be an exhaustive treatment of the subject of cylinder valves and certainly does not cover all safety practices that should be followed in installation, operation and maintenance of LP-Gas systems which include cylinder valves.



LP-Gas Cylinder Valves

These valves are mounted in DOT cylinders, and are intended to provide one or more of the following functions:

- 1. Vapor service shut-off
- 2. Liquid service shut-off (with excess flow valve)
- 3. Liquid filling
- 4. Pressure relief
- 5. Fixed liquid level gauge

These functions, although simple, are extremely critical in the safe operation of an LP-Gas cylinder system.

Abuse of these valves, failure to follow a good installation and maintenance program and attempting to use cylinder valves beyond their normal service life can result in extremely hazardous conditions.

Important Factors:

- 1. Installation: It should not be necessary to remind the readers that cylinder valves must be installed and used in strict conformance with NFPA Pamphlet 58, and all other applicable codes and regulations. Codes, regulations and manufacturers' recommendations have been developed by experts with many years of experience in the LP-Gas industry in the interest of safety for users of LP-Gas and all personnel servicing LP-Gas systems. Failure to fully follow these codes, regulations and recommendations could result in hazardous installations.
- 2. The bonnet and stem seal assembly of a cylinder valve are extremely critical, since any malfunction could cause external leakage and spillage. Check bonnet to see that it is in proper position. If there is any doubt about tightness of threaded connection between bonnet and body, valve must be repaired in accordance with manufacturers' repair instructions before cylinder is filled. Handwheel must be in good condition, stem threads must not be worn or damaged and bonnet must be properly assembled. This area should be examined each time the cylinder if filled. A leakage test should be conducted while the shut-off valve is in the open position during filling.
- 3. The cylinder outlet connection is usually a female POL. Threads must be free of dents, gouges and any indication of excessive wear. Seating surface inside this connection must be smooth and free of nicks and scratches to ensure a gas tight seal when connected to a male POL cylinder adapter. Cylinder adapter must spin on freely all the way, without indication of drag, roughness or excessive looseness, and must then be tightened with a wrench. Connection must be checked for leakage.
- 4. The pressure relief valve is of critical importance: Its proper operation is vital in avoiding excessive pressures during emergencies, such as overfilling or exposure to excessive heat. No repair of this device is allowable. Relief valve should be visually inspected and checked for leaks each time the cylinder is returned for filling. All flow passages must be clean and free of foreign material.

LP-Gas Cylinder and Service Valves

Entire assembly must be free of dents, distortion or other indications of damage. If relief valve appears too contaminated or damaged, the cylinder valve must be replaced. (Caution: Eye protection must be used when examining relief valves under pressure.)

- 5. The liquid service shut-off valve, with excess flow valve provided on some cylinder valves, is also of critical importance. The excess flow valve must be periodically tested for proper performance, in addition to the inspection of the shut-off valve.
- 6. The fixed liquid level gauge on a cylinder valve is, when present, essential to prevent overfilling the cylinder. The gauging valve must operate freely, venting vapor when loosened, and sealing gas-tight easily when tightened with the fingers. Gauge valves meant for use with a socket key or screwdriver must also seal easily without excessive torque. The fixed liquid level gauge diptube must be of the proper length, and be in proper position. Periodic test should be conducted by weighing the cylinder after filling, to determine that it does not contain more than the allowable amount of LP-Gas. This check should be done periodically, and any time there is suspicion that the gauge diptube may be damaged or broken.



Do not fill a cylinder without first repairing or replacing the cylinder valve, as required, if any defect is noted.

While not required by codes, it is recommended that a plug or suitable protection be inserted in the POL outlet of the cylinder valve at all times except during filling and while connected for use. This will guard against discharge of gas should the handwheel be inadvertently opened while the cylinder is in storage or transit. This is highly advisable for small cylinders that could be transported inside an automobile or trunk. It is important that proper wrenches and adapters be used when filling, servicing and installing cylinder valves in order to avoid damage to the valve or associated piping.

Since cylinders are often used by consumers without previous knowledge of the hazards of LP-Gases and the LP-Gas dealers are the only ones who have direct contact with the consumers, it is the dealers' responsibility to make sure that his customers are properly instructed in safety matters relating to their installation.



At the very minimum, it is desirable that these customers:

- 1. Know the odor of LP-Gas and what to do in case they smell gas. Use of the NPGA "Scratch in Sniff" leaflet could be productive.
- 2. Are instructed never to tamper with the system.
- 3. Know that when protective hoods are used to enclose regulators and/or valves, that these hoods must be closed, but not locked.
- 4. Know the location of the cylinder shut-off valve in emergencies.

General Warning

All RegO Products are mechanical devices that will eventually become inoperative due to wear, contaminants, corrosion and aging of components made of materials such as metal and rubber.

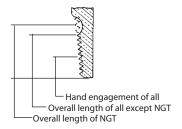
The environment and conditions of use will determine the safe service life of these products. Periodic inspection and maintenance are essential. Because RegO Products have a long and proven record of quality and service, LP-Gas dealers may forget the hazards that can occur because a cylinder valve is used beyond its safe service life. Life of a cylinder valve is determined by the environment in which it "lives". The LP-Gas dealers know better than anyone what this environment is. NOTE: There is a developing trend in state legislation and in proposed national legislation to make the owners of products responsible for replacing products before they reach the end of their safe useful life. LP-Gas dealers should be aware of legislation which could affect them.

Thread Specifications

Cylinder Valve Threads

Because of the many thread forms available on equipment used in the LP-Gas industry today, the maze of letters, numbers and symbols which make up various thread specifications becomes confusing. To help eliminate some of this confusion, a brief explanation of some of the more widely used thread specifications is shown below.

Inlet Connections



NGT and NPT Threads

The NGT (National Gas Taper) thread is the commonly used valve-to-cylinder connection. The male thread on the valve has about two more threads at the large end than the NPT in order to provide additional fresh threads if further tightening is necessary. Additionally, the standard 3/4" NGT valve inlet provides the greater tightness at the bottom of the valve by making the valve threads slightly straighter than the standard taper of 3/4" per foot in NPT connections. In all other respects NPT and NGT threads are similar.

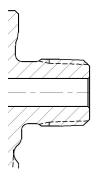
Outlet Connections

CGA Outlets

The CGA (Compressed Gas Association) outlets are standard for use with various compressed gases. The relation of one of these outlets to another is fixed so as to minimize undesirable connections. They have been designed to prevent the interchange of connections which may result in a hazard.

3/8"-18 NPT Thread Connection

This connection is also used for vapor or liquid withdrawal. It has a 3/8" diameter thread, and 18 threads per inch, National Pipe Taper Outlet form.



CGA 182, or SAE Flare

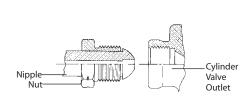
Copper Tubing

This connection ensures a leak-tight joining of copper tubing to brass parts without the need for brazing or silver soldering. The common size used on LP-Gas valves and fittings is 3/8" SAE (Society of Automotive Engineers) flare. Although this connection is referred to as a 3/8", because 3/8" OD tubing is used, the thread actually measures 5/8". The specifications are .625 – 18 UNF – 2A – RH – EXT, which means .625" diameter thread, 18 threads per inch, Unified Fine Series Class 2 Tolerances, right-hand, external thread.

Cylinde

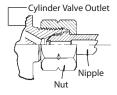
Valve

Outlet



CGA 555

CGA 555 is the standard cylinder valve outlet connection for liquid withdrawal of butane and/or propane. Thread specification is .903" – 14 NGO – LH – EXT, which means .903" diameter thread, 14 threads per inch, National Gas Outlet form, left-hand external thread.



CGA 510 or POL

Most widely used in this industry, POL is the common name for the standard CGA 510 connection. Thread specification is .885" - 14 NGO - LH - INT, meaning .885" diameter thread, 14 threads per inch, National Gas Outlet form, left-hand internal thread. RegO POL outlet connections for LP-Gases conform to this standard.

LP-Gas Cylinder and Service Valves

General Information

The wide acceptance of RegO Cylinder Valves is based on their reliable performance as well as their reputation for engineering and manufacturing excellence.

Together with thorough testing, these efforts result in years of trouble-free service. RegO Cylinder Valves are listed by Underwriters' Laboratories and approved by the Bureau of Explosives for pressure relief valve operation, wherever applicable. See section on relief valves for important information.

Reliability

RegO Cylinder Valves are built with attention to each detail: Beginning with comprehensive inspection of forgings and machined parts, and ending with intense quality testing on each individual valve prior to shipment.

Every valve must pass a stringent and comprehensive underwater leakage test. Additionally, valves with pressure reliefs are tested for proper pressure and operation, including reseating to ensure proper opening and closing at required pressures. Those equipped with excess flow checks are tested for compliance with published closing specifications, and tested to ensure minimum leakage after closing.

Instructions for the Proper Use and Applications of RegO Cylinder Valves

1. Containers and pipe line should be cleaned thoroughly before valves are installed. Large particles of solid foreign matter can cut the seating surface of any resilient seat disc, causing the valve to leak. Care must be exercised in inserting valves into lines or containers to avoid damaging or exerting pressure against pressure relief valves and outlet connections. Use a minimum amount of a suitable luting compound on the cylinder valve threads only. Excess amounts of luting compound can foul the operating parts of the valves.

Heavy-Duty Valve Stem Seals

RegO Cylinder Valves utilize seat discs and stem seals which resist deterioration and provide the kind of reliable service required for

LP-Gas utilization. Diaphragm or O-Ring stem seals are available. Valves with diaphragm stem seals are recognized for their heavy-duty body design and are suitable for use in cylinders up to 200 lbs. propane capacity.

O-Ring type stem seals are the most widely accepted in the industry. The simple, economical and long life design features a tapered and confined nylon seat disc which provides positive, hand-tight closings, and a faster filling cylinder valve.

Pressure Relief

RegO Valves have full-capacity "pop action" pressure reliefs with start to discharge settings starting at 375 PSIG.

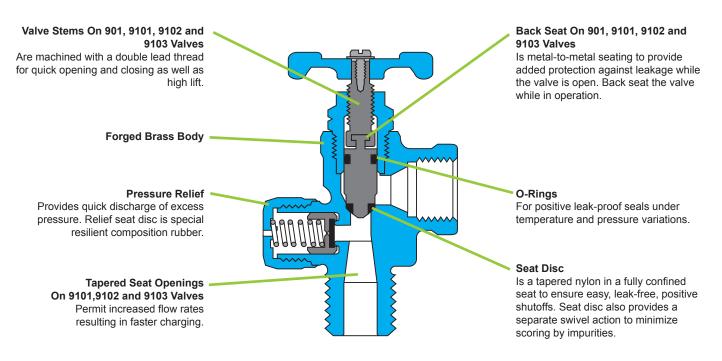
A Valve for Every Need

RegO Cylinder Valves are available for all LP-Gas services; a wide choice for domestic, commercial, industrial, RV, motor fuel, and lift truck applications.

Valves are available with a combination of options such as pressure reliefs, liquid level gauges, and liquid withdrawal tubes. Also available for special applications are plumber's pot valves, tamper resistant valves for field service, and dual valves for simultaneous liquid and vapor service.

- Do not use excessive force in opening or closing the valves. The seat disc and diaphragm materials permit the valves to be opened and closed easily by hand. Never use a wrench on wheel handle valves.
- 3. When the design of the piping installation allows liquid to be locked between two valves, a hydrostatic relief valve must be installed in the line between the two valves. The pressures which can develop due to temperature increase in a liquid full line are tremendous and can cause rupture of the line or damage to the valves.
- 4. The valves are designed to withstand normal atmospheric temperatures. They should not, however, be subjected to abnormally high temperatures.

Design Features of RegO Cylinder Valves



9103D

RegO® Cylinder & Service Valves

Heavy-Duty Cylinder Valves for Vapor Withdrawal

9103 Series

This heavy duty cylinder valve is designed for vapor withdrawal of DOT cylinders up to 100 lbs. propane capacity. It is used in domestic hookups and industrial commercial installations.



Ordering Information

		Fixed		Pressure	For Use in Cylinders	Approximate Filling Rate Liquid Flow, GPM				Accessories		
Part #	Container Connection	Service Connection	Liquid Level Vent	d Dip Tube I Length w/ Deflector	w/ Relief	Relief w/ Valve Propa	lief w/ Ive Propane		Pressure Drop Across Valves			POL Plug
			Valve			Up To:	10 PSIG	25 PSIG	50 PSIG	100 PSIG	. 0 = 1 18 9	
*9103D10.6	3/4" M NGT	F. POL	Yes	10.6"	375 PSIG	100 lbs.	12.7	20.3	29.0	41.3	N970P	
*9103D11.6	3/4 WINGT	(CGA 510)	165	11.6"	3/3/3/316	TOU IDS.	12.7	20.3	29.0	41.3	N970P	

^{* 72} Orifice low emission version is also available.

Tamper-Resistant Cylinder Valve with Outlet Check for Vapor Withdrawal 9103T9F

This valve is designed for vapor withdrawal from and protection of DOT cylinders up to 100 lbs. propane capacity. Ideal for cylinders used in the field by construction crews, utility repair men and plumbers.



Ordering Information

Part #	Container Connection	Service Connection	Fixed Liquid Level Vent	Liquid Pressure	w/Propane	Approximate Filling Rate Liquid Flow, GPM Pressure Drop Across Valves					
						10 PSIG	25 PSIG	50 PSIG	100 PSIG		
9103T9F	3/4" M. NGT	F. POL (CGA 510)	None	375 PSIG	100 lbs.	5.0	7.6	10.7	14.9		

NOTE: These valves incorporate an excess flow valve.

Refer to L-500/Section F, for complete information regarding selection, operation and testing of excess flow valves.

Cylinder Valve for RV and Small ASME System Vapor Withdrawal 9106CO

Designed especially for vapor withdrawal service in small ASME containers with surface area up to 23.8 square feet. UL flow capacity is 645 SCFM/air.



Ordering Information

Part #	Container Connection	Service Connection	Fixed Liquid Level Vent Valve Style	Pressure Relief Valve Setting	For Use In Cylinders w/ Propane Capacity Up To	
9106CO	3/4" M. NGT	F. POL (CGA 510)	none	312 PSIG	ASME Tanks*	645

^{*} Surface area up to 23.8 square feet.



9103T9F

9106CO

Cylinder Valve for Liquid Withdrawal

9107K8A

Equipped with excess flow valves and liquid withdrawal tubes, they are designed for liquid withdrawal of DOT cylinders up to 100 lbs. propane capacity. They are most often used with heavy BTU loads found in industrial uses.

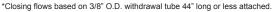


Ordering Information

Part #	Container Connection	Service Connection	Fixed Liquid Level Vent Valve	Dip Tube Length	Liquid Withdrawal Tube Length
*9107K8A	3/4" M. NGT	CGA 555	Included	11.6"	44"

^{* 72} Orifice low emission version is also available.

Pressure	For Use in	Approxin	nate Filling	Rate Liqui	d Flow, GPM	Clos	ing Flow (LP-Gas)	*
Relief Valve	Cylinders w/ Propane	Pr	essure Dro	p Across V	alves	Va	Liquid	
Setting	Capacity Up To:	10 PSIG	10 PSIG 25 PSIG 50 PSIG 100 PSIG				100 PSIG Inlet	Liquid
375 PSIG	100 lbs.	3.3	5.4	7.7	11.1	525 SCFH	1,000 SCFH	1.7 GPM



IMPORTANT: 1/4" O.D. pigtails or POL connections for 1/4" O.D. pigtails should not be used with these valves.

NOTES: To ensure proper functioning and maximum protection from excess flow valves, the cylinder valve should be fully opened and backseated when in use. These valves incorporate an excess flow valve. Refer to L-500 / Section F, for complete information regarding selection, operation and testing of excess flow valves.



Service Valves for ASME and DOT Containers or Vapor Fuel Line Applications 901C1, 9101C, 9101D, 9101R and PT9102 Series

Designed for vapor withdrawal service on ASME and DOT containers or in fuel line applications. Since none of these valves have an integral pressure relief valve, they may only be used as an accessory valve on containers that have an independent pressure relief valve sufficient for that container's capacity.



Ordering Information

					Appro	oximate Filling F	Rate Liquid Flow	, GPM	
				Fixed Liquid		Pressure Drop	Across Valve		
Part #	Bonnet Style	Container Connection	Service Connection	Service Level Vent		25 PSIG	50 PSIG	100 PSIG	Ready To Go™
901C1				No	5.3	8.2	10.8	14.2	
9101C1	Standard			INO	8.8	12.4	15.8	21.7	
*9101D11.1	Standard			Yes	8.6	12.7	16.3	22.2	NA NA
*9101D11.7				res	0.0	12.7	10.3	22.3	INA
9101R1				No					
*9101R11.1			F. POL						
*9101R11.7		3/4" M. NGT	CGA 510	Voc					No
9102D11.1				Yes					Dhisand
9102R11.7	MultiBonnet				7.6	11.7	15.2	20.6	Plugged
*PT9102R1				No					
*PT9102R11.1				Yes					Yes
*PT9102R11.7									

^{* 72} Orifice low emission version is also available.

Note: Since these valves have no integral pressure relief valve, they can be used on any container with an independant relief device sufficient for that tank's capacity.









PT9102

9101D

Service Valves for ASME Motor Fuel Containers

901C, 9101H, and 9101Y Series

Designed specifically for vapor or liquid withdrawal service on ASME motor fuel containers. Since none of these valves have an integral pressure relief valve, they may only be used as an accessory valve on containers that have an independent pressure relief valve sufficient for that container's capacity.

The integral excess flow valve found in all these service valves helps prevent excessive product loss in the event of fuel line rupture.

When installed for liquid withdrawal, the 9101H6 has provisions for attachment of a liquid withdrawal tube. All other valves must be installed in containers that have provisions for a separate liquid withdrawal.

To ensure proper functioning and maximum protection from integral excess flow valves, these service valves should be fully opened and backseated when in use.



Ordering Information

				Closing Flow (LP-Gas)				
				Va	por			
Part #	Container Connection	Service Connection	Liquid Withdrawal Connection	25 PSIG Inlet (SCFH)	100 PSIG Inlet (SCFH)	Liquid GPM		
901C3		F. POL CGA 510		350***	605***	1.5***		
901C5		F. POL CGA 510	Nama	550***	1050***	2.6***		
9101H3		2/0" CAE El	- None	430**	800**	1.5**		
9101H5*	3/4" M. NGT	3/8" SAE Flare		765**	1300**	3.6**		
9101H6*	7		1/4" NPT	550****	1050****	2.6***		
9101Y5H*		60° Angle 3/8" SAE Flare	None	765**	1300**	3.6**		

- * Heavy-duty models
 ** Based on 3/8" O.D. pigtail, 20" long or less, connected to valve outlet. For greater lengths, the pigtail must have a larger O.D.
 *** Same as (**). In addition, 1/4" O.D. pigtails or POL connections for 1/4" O.D. should not be used with this valve.
 **** Based on 3/8" O.D. pigtail; 20" long or less, connected to valve outlet. Also based on 1/4" pipe size dip tube, 42" long or less, attached to special inlet connection. For longer pigtail lengths, the diameter of the pigtail must be increased.
 ****NOTE: These valves incorporate an excess flow valve. Refer to 1.500/Section E. for complete information greating selection, operation and testing of excess flow valves.

diameter of the pigtall must be increased.

NOTE: These valves incorporate an excess flow valve. Refer to L-500/Section F, for complete information regarding selection, operation and testing of excess flow valves.

"Dual" Cylinder Valve for Simultaneous Liquid and Vapor Withdrawal 8556

This dual cylinder valve was designed especially for industrial uses. It increases the cylinder's flexibility by permitting DOT cylinders up to 100 lbs. propane capacity to be used interchangeably or simultaneously for either liquid or vapor withdrawal.





Ordering Information

Part #	Part # Container Connection Vapor		tion	Fixed Liquid Level Vent Valve Style	Liquid Withdrawal Tube
r art #			Liquid	Tixed Elquid Level Velit Valve Style	Length
8556	3/4" M. NGT	F. POL (CGA 510)	CGA 555	None	44"

			ximate Filling R			
Pressure Relief Valve Setting	For Use in Cylinders w/ Propane Capacity Up To:		Pressure Drop	Liquid Closing Flow* (LP-Gas)		
		10 PSIG	25 PSIG	50 PSIG	100 PSIG	
375 PSIG	100 lbs.	6.6	10.0	14.5	21.0	2.3 GPM

^{*} To ensure proper functioning and maximum protection from integral excess flow valves, the cylinder valve should be fully opened and backseated when in use. NOTE: These valves incorporate an excess flow valve. Refer to L-500/Section F, for complete information regarding selection, operation and testing of excess flow valves.

Service Valves for DOT Fork Lift Containers

9101P5 and 9101P6 Series

Designed specifically for vapor or liquid withdrawal service on DOT fork lift containers. Valves with 1.5 GPM closing flow are for use in small and medium size lift truck applications, while those with 2.6 GPM closing flow are for large lift trucks. Since none of these valves have an integral pressure relief valve, they may only be used as an accessory valve on containers that have an independent pressure relief valve sufficient for that cylinder's capacity.

The integral excess flow valve found in all these service valves helps prevent excessive product loss in the event of fuel line rupture.

When installed for liquid withdrawal, the 9101P6 Series has provisions for attachment of a liquid withdrawal tube. The 9101P5 Series must be installed in containers that have provisions for a separate liquid withdrawal.

To ensure proper functioning and maximum protection for integral excess flow valves, these service valves should be fully opened and backseated when in use



Ordering Information

				Closin	g Flow (LP-G	as)	Approx		ling Rate GPM	Liquid		Accessor	ies						
				Va _l	oor		Press	ure Drop	Across	Valve	ACME	Check Co	onnectors						
Part #	Container Connection	Service Connection	Liquid Withdrawal Connection	25 PSIG Inlet (SCFH)	100 PSIG Inlet (SCFH)	Liquid (GPM)	10 PSIG	25 PSIG	50 PSIG	100 PSIG	Male	Female	Сар						
9101P5				430	900	1.5													
9101P5T*			None	None	None	None	None	None	None	430	900	1.5	5.0	7.6	10.7	14.9			
9101P5H	3/4" M. NGT	3/8" M. NPT		550	1050	2.6	3.0	7.0	10.7	14.5	7141M	7141F	7141M-40						
9101P5HT*	3/4 W. NG1	3/0 W. NF I		330	1030	2.0					7 14 1101	/ 1411	or 7141FP						
9101P6			1/4" NDT	430	900	1.5	4.5		10.2	14.0									
9101P6H		1/4" NPT	550	1050	2.6	4.5	7.2	10.3	14.8										

^{*}With thread sealant.

Note: These valves incorporate an excess flow valve. Refer to L-500/Section F, for complete information regarding selection, operation and testing of excess flow valves.

Cylinder Valve for Propylene Service

9104PT and 9104PPA

Designed for vapor withdrawal from and protection of DOT cylinders up to 100 lbs. propylene capacity with pressure ratings such as 4B-260, 4BA-260, and 4BW-260 cylinders.







9104PT

9104PPA

Ordering Information

Part #	Container Connection	Service Connection	Fixed Liquid Level Vent Valve Style	Dip Tube Length*	Pressure Relief Valve Setting	For use in Cylinders w/ Propylene Capacity up to:
9104PPA			N/A	N/A		
*9104PT10.1	3/4" M.NPT	F.POL - (CGA 510)	Kravela d	10.0"	435 PSIG	100lbs
*9104PT10.7			Knurled	10.7"		

^{*} Valve can be ordered with other dip tube lengths. Specify required length when ordering. X = diptube size

Adhesive Warning Labels

901-400 and 903-400

These adhesive warning labels are intended for application as close as possible to the cylinder valve and/or service valve.

The basic information contained on the label is intended for the bene the user of the valves and is not intended to be an "all-inclusive" pro-

These labels are printed on a heavy duty material with pressure sens adhesive backing. The ultra-violet ink stands up well when expose the enviroment.

	LP-GAS IS E	XTREMELY FLAMMABLE AND EXPLOSIVE
sitive ed to	903-500	Adhesive Label Primarily for Cylinder and Service Valves
oduci	903-400	Adhesive Label Primarily for Small DOT Cylinders
efit of oduct	901-400	Cylinders Cylinders

DANGER		FLAMMABLE AND EXPLOSIVE F THE REACH OF CHILDREN	WARNING	
AVOID SERIOUS INJURY AND PROPERTY DAMAGE. IF YOU SEE, SMELL, OR HEAR THIS HISS OF ESCAPING GAS. IMMEDIATELY GET AWAY FROM THIS CYLLIDER! CALL YOUR LOCAL FIRE DEPARTMENT: DO NOT ATTEMPT TO REPAIR, DO NOT USE OR STORE IN BULLDING OR ENCLOSED AREA. FOR OUTDOOR USE ONLY.				
This container is filled with highly flammable LP-Gas under pressure. A serious fire or explosion can result from leaks and misuse or mishanding of the container and its values. Do not move, hold or lift the container by any of its values. Do not expose to fine or temperature above 120°F (40°C), Do not over fit.		Do not allow any overfill. If the food liquid level gauge is used during filling, filling should stop the moment is white LP-Qas cloud is emitted from its blaid hole. Kings the vent close tightly at all other times. Each time the container is filled, it must be checked for laids (with a laid obtaction solutionlinelso cause bubbles to grow).		
This container incorporates a pressure relief valve. The pressure relief valve cen expel a large jet of LP-Gas into the air if the container is (1) exposed to high temperatures over 120°F (49°C) or (2) overfilled and exposed to a temperature higher than the temperatures at the time it was filled.		Do not disconnect or connect this container without first reading the instructions accompanying the vehicle or appliance with which this container is intended to be used. CAUTION No smoking while connecting or disconnecting this container.		
semparatures at the time it was made. The problems find valve is equipped with a protective cover. The protective cover must invariant in place at all times except when inspecting the valve. CAUTION.— Use eye protection. If dust, diff, invaluative or other rolegy material collect in the valve, it may not function properly to prevent container rupture or minimize prod- uct loss after coerino.		Make sure the service valve is shut of tightly before beginning to assemble for dissenseible the coupling. Liquid LP-Lea may flow or task from the coupling. This liquid can cause skin burre, frest bits and other sericus injury in addition to those caused by the sind explaince. CAUTION. Water proprie skin and eye production. Any galaxies or o-ring in the coupling must be routinely checked for weier and riplaced as required.		
Each time the container is filled, the that it is completely unobstructed a	e pressure relief valve must be checked to ensure and that it has no physical damage. If there is any alve, the container must be removed from service	After connecting the coupling, make sure the connection is task tight. Check for lasks with a lask detection solution (tasks cause bubbles to grow). If the connec- tion lasks after tightering, close the service valve, disconnect the coupling and service from service.		
	emitted to fill this container. Before the container	When not in use, keep the service shut-off valve closed. When in use, keep the service valve fully open. Keep this equipment out to the reach of children.		
is filled for the first time, it must be	purged of sir. The total liquid volume of LP-Gas signated by applicable filling density regulations	voice views tary open, when you engagement cuts or to train teach or creatmen. This container must be used only in complisions with all episicials less and regulations, including National Fire Protection Association Publication etc., which is the law in many stables. A copy of this publication may be obtained by writing 1699, Batteryment Plerk, Quincy, MA 02200.		
	lace on the ACME threaded filler valve at all times. I tool into the valve as it can damage the seel or sk.			
DO NOT REMOVE, DEFACE OR OBLITERATE THIS LABEL. DO NOT FILL THIS CONTAINER UNLESS THIS LABEL IS READABLE.				
ADDITIONAL SAFETY REFORMATION PER SECURITY SECURITY OF THE STATE OF TH				

901-400

The following warning information, Part Number 903-500, is included with each shipment of cylinder valves and service valves to the first purchaser of the product from the factory.

This information is intended to be forwarded throughout the product distribution chain. Additional copies are available from RegO and Authorized Product Distributors.

	EEP CYLINDER OUT OF THE REACH OF CHILDR				
AVOID SERIOUS INJURY AND PROPERTY DAMAGE. IF YOU SEE, SMELL, OR HEAR THIS HISS OF ESCAPING GAS IMMEDIATELY GET AWAY FROM THIS CYLINDER!					
CALL YOUR LOCAL FIRE DEPARTMENT! DO NOT ATTEMPT TO REPAIR. DO NOT USE OR STORE IN BUILDING OR ENCLOSED AREA. FOR OUTDOOR USE ONLY.					
This cylinder contains highly flammable LP-Gas under pressure. A serious fire or		cylinder is intended to be used.			
explosion can result from leaks and misuse or mishandling of the cylinder and its		2. Before connecting the Cylinder Valve outlet connection to an appliano			
valve. Do not carry, hold or lift the cylinder by its valve. Do not expose to fire or temperatures above 120°F (49°C).	Total liquid volume must never exceed the amount designated by DOT for this cylinder.	sure the connection does not contain dirt or debris. These may ca connection to leak or may impair the functioning of the regulator, or			
The Cylinder Valve incorporates a Shut-Off Valve and Pressure Relief Valve. The		hazardous condition.			
Pressure Relief Valve can expel a large jet of LP-Gas into the air if the cylinder	a white I R-Gas cloud is emitted from it's blead hale. Keen the Next Valve	3. When connecting the Cylinder Valve outlet to an appliance (CAL			
is (1) exposed to high temperatures - over 120°F (49°C), or (2) overfilled and exposed to a temperature higher than the temperature at the time it was filled.	closed tightly at all other times.	counterclockwise thread), make sure the connection is tight. Check			
Never attempt to fill this cylinder yourself. Do not tamper with it or		with a high quality leak detection solution (leaks cause bubbles to g the connection leaks after tightening, close cylinder valve, disconnec the appliance, insert the P.O.L. plug and immediately return the cylind			
attempt repairs.					

Adhesive Lahel Primarily for Fork Lift

903-400



Purge container before filling with LP-Gas (refer to the RegO LP-Gas Serviceman's Manual for recommende procedure).

selecting a label for posting at the installation site, consider RegO part number 901-400 or 903-400 alon th your own, NPGA's and others.

REGO.

Elon, N.C. 27244 U.S.A. Phone (336) 449-7707 Fax (336) 449-6594 www.regoproducts.com

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