110 YEARS OF QUALITY, INNOVATION, AND SERVICE.

And we're just getting started.

REGO 10 YEAR WARRANTY

REGO 25 YEAR SILVER SERVICE LIFE

MADE IN THE USA

RegO Regulators

COMPACT REGULATORS

1ST STAGE REGULATORS

2ND STAGE REGULATORS

TWINSTAGE REGULATORS

The Tradition Continues

History

From the company that pioneered propane regulators, you expect nothing less than products that lead the industry. For over 100 years, we have been manufacturing gas regulating equipment to the highest standards of precision and durability—standards that we set.

Quality Design & Manufacturing

Our regulators have stood the test of time. The basic design is ingenious. The materials are top quality. The robot-assisted manufacturing is precise. RegO values the relationships we have with our customers, and we stand behind our products.

Industries Best Partners to Help Support You

Our distributors are the best in the industry. Distributors are indispensable contributors to our success and we treat them as the valuable partners they are. We support our distributors and OEMs with training, inventory and technical support around the world.

10 Year Warranty on All Products

Quality materials, innovations and long lasting design are built into every product we manufacture. Thats how we can offer the RegO 10 Year Warranty, double that offered by most manufacturers.

Made in the USA

All RegO manufactured LPG regulators are designed, assembled and tested in North Carolina. Products Made in the USA allow us to maintain our strict quality control standards that are unmatched by any other company. Every single unit is rigorously tested before it goes out the door.

The RegO Advantage

Better Support Saves You Money

- **10-year warranty** is twice the industry average giving you peace of mind.
- **25-year service life** is proven by Rego's 110-year history.
- **Largest distributor network** with locations near you and experts to support you.

Reliable Product Saves You Money

- **Better design** with features that provide products you can count on.
- **Manufacturing excellence** in our US factories means every product has consistent quality.
- **100% testing of all products at multiple steps in the process from incoming component quality to final assembly testing for leakage, lock up and set pressure.**
- **Meet or exceed UL 144 and NFPA 58 standards.**

Ease of Installation and Service Saves You Money AND Time

- **Two adhesive regulator product labels included** for easy record keeping purposes.
- **Seat discs are repairable or replaceable** easily by service personnel.
- **Quality products** mean less service calls from your customers.

Nozzle Orifice
Replaceable and precision machined to prevent scoring of the seat disc.

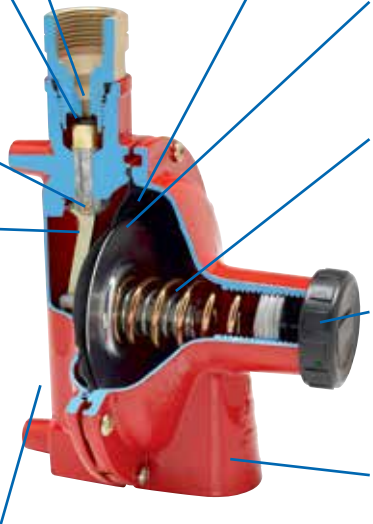
Seat Disc
Replaceable, resilient construction gives sure closing at lock up pressure. Straight line seat disc to nozzle operation provides even seat disc wear and positive lock up.

Pivot Pin
Fully enclosed in regulator body.

Control Linkage
Provides quick response to diaphragm movement; moves directly perpendicular to nozzle orifice to meter gas flow, gives positive closure and reduces seat disc wear.

Built-In Pressure Tap
Provides a convenient way to check downstream pressure on both high and low pressure models.

Body & Bonnet
Painted, heavy-duty zinc resists corrosion and gives long-life protection, even under "salty air" conditions.



Molded Diaphragm Assembly
Molded synthetic rubber with a tough, flexible fabric gives a super sensitive response in a temperature range of -40° to +165°F. Molded diaphragm seals in a groove between the body and bonnet.

Diaphragm Plate
Rigid diaphragm plate transmits pressure variations to control linkage.

Relief Valve
It is built in and tamper resistant. Large bonnet vent allows high capacity relief on second stage regulators.

Bonnet Cap
Bonnet cap incorporates travel stop to help control downstream pressure in the unlikely event of a regulator malfunction.

Large Bonnet Vent
Large vent is equipped with protective screen and threaded for ¾" F. NPT vent piping. Large vent helps prevent ice from building up and blocking the vent during inclement weather. The regulator should be installed with vent down and the vent protected against blockage.

See the Difference.

Standard Tools
Bonnet cap requires only hand tightening to ensure a tight seal - no wrench required.

Gas Check Labels
2 Gas Check stickers with product information are included for ease of record keeping.

Double the Warranty
The RegO 10 Year Warranty is double what most manufacturers offer.

Easy to Buy
Supported by the largest network of distributors worldwide.

Easy to Identify
Our bonnet design features patented laser engraved information (part number, date code of manufacture, outlet pressure and serial number) that is easy to see and matches stickers provided for gas check and record keeping.

Easy to Install
Service tech friendly wrench flats for use with an adjustable wrench. Mounting screws included.

Superior Design
Superior vent design has a flathead screwdriver slot for easy removal & minimizes water entering the regulator bonnet.

REGO 100 RegO Dr. Elon, NC 27244 USA www.regoproducts.com

See the Difference.

We listened to service technicians. Their feedback inspired an improved design.

Our team listened carefully to the service technicians who work with RegO regulators out in the field. The result is an improved design that makes our regulators* easier to use — and easier to choose.

Easier to Find

Our new bonnet design features laser-engraved information that is easy to see and matches available stickers for gas check and record keeping. *Patent Pending

No Special Tools Required

Our pressure plug ports conform to a standard 7/16" wrench.

Easier to Adjust

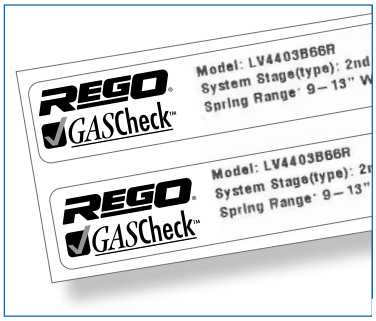
We redesigned our adjusting screw to be easily turned by hand.

Easier to Secure

Our bonnet cap features a loop for a lanyard to help keep it secured, making it more tamper resistant.

Improved Packaging

A sturdy box with a stabilizing insert keeps the regulator in perfect shape.



Gas Check Labels

2 Gas Check stickers with product information are included for ease of record keeping.

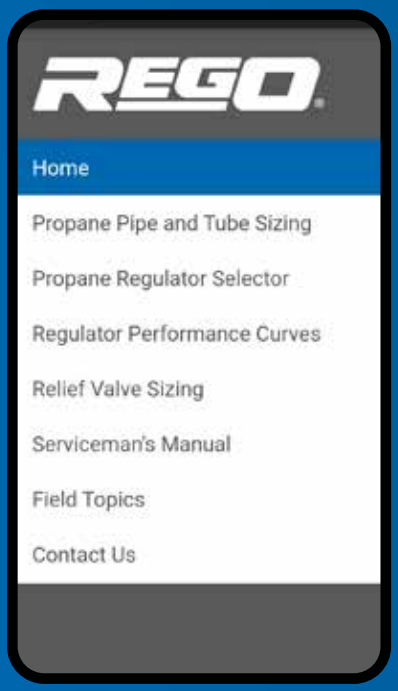
REGO 25 YEAR SILVER SERVICE LIFE

REGO 10 YEAR WARRANTY

Download the new version of the RegO App

Now with Relief Valve Sizing! What else is New?

- New pipe sizing calculator
- Maximum BTU load added in calculator
- RegO Regulator selector sheet
- Regulator performance curves.
- Relief valve calculator for LPG & NH3
- Link to RegO's field topics



Convenient and easy to use...

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RegO Regulator Selection

Type of System		BTU/hr.	kg/hr.	Suggested Regulator
	First Stage in a Two Stage System	1,500,000	32	**LV3403TR Series**
		2,500,000	54	**LV4403SR Series** **LV4403TR Series**
	Second Stage in a Two Stage System	450,000	10	**LV3403B Series**
				LV3403BR Series
		935,000	20	**LV4403B Series**
				LV4403BD Series
		1,600,000	34	**LV5503B4/B6**
				LV4403B4D/B6D
		2,300,000	49	**LV5503B8**
				LV5503B8D
	Second Stage in a 2 PSIG System	1,000,000	21	**LV4403Y4/Y46R**
		2,200,000	47	**LV5503Y6/Y8**
	Integral Twin Stage	450,000	9	**LV404B34/39 Series**
		525,000	11	**LV404B4/B9 Series**
	Integral Twin Stage 2 PSIG Delivery	800,000	17	**LV404Y9**
		650,000	14	**LV404Y39**
	Automatic Changeover	400,000	8	**7525B34 Series**
		450,000	9	**7525B4 Series**

Compact First Stage Regulators LV3403TR

Ideal for use as a first stage regulator on any domestic size ASME or DOT container in propane gas installations requiring up to 1,500,000 BTU's per hour. The regulator is factory set to reduce container pressure to an intermediate pressure of approximately 10 PSIG (0.69 BARG).

UL LISTED

LV3403TR

Ordering Information

Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure (PSIG)	Factory Delivery Pressure (BARG)	Bonnet Vent Position	Vapor Capacity BTU/ hr Propane*
LV3403TR	¼" F.NPT	½" F.NPT	7/32"	10	0.69	Over Outlet	1,500,000
LV3403TRV9						9:00	

* Maximum flow based on inlet pressure 20 PSIG (1.38 BARG) higher than the regulator setting and delivery pressure 20% lower than the regulator setting and delivery pressure 20% lower than the setting.

High Pressure First Stage Regulators LV4403SR & LV4403TR

Provides accurate first stage regulation in two-stage bulk tank systems. Reduce tank pressure to an intermediate pressure of 5 to 10 PSIG (0.34 to 0.69 BARG). Also used to supply high pressure burners for applications like industrial furnaces or boilers. Also incorporated in multiple cylinder installations.

UL LISTED

LV4403 Series

Ordering Information

Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range* (PSIG)	Adjustment Range* (BARG)	Integral Relief Included	Vapor Capacity BTU/hr Propane**
LV4403SR4	½" F. NPT	½" F. NPT	¼"	5	1-5	0.07-0.34	Yes	2,500,000
LV4403TR4				10	5-10	0.34-0.69		
LV4403SR9	F. POL			5	1-5	0.07-0.34		
LV4403TR9				10	5-10	0.34-0.69		
LV4403SR96		¾" F.NPT		5	1-5	0.07-0.34		
LV4403TR96				10	5-10	0.34-0.69		

* When used for final stage pressure control, must either incorporate integral relief valve or separate relief valve should be specified in accordance with NFPA Pamphlet 58.

** Maximum flow based on inlet pressure 20 PSIG (1.38 BARG) higher than the regulator setting and delivery pressure 20% lower than the setting.

Low Pressure Second Stage Regulators - Standard Settings LV4403B Series

Designed to reduce first stage pressure of 5 to 20 PSIG (0.34 to 1.38 BARG) down to burner pressure, normally 11" w.c. Ideal for medium commercial installations, multiple cylinder installations and normal domestic loads.

UL LISTED

LV4403B Series

Ordering Information

Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure (PSIG)	Factory Delivery Pressure (BARG)	Adjustment Range	Bonnet Vent Position	Vapor Capacity BTU/ hr. Propane**
LV4403B4	½" F. NPT	½"	#28 Drill	11" w.c. at 10 PSIG Inlet	11" w.c. at .69 BARG Inlet	9" to 13" w.c.	Over Inlet	935,000
LV4403B46		¾" F. NPT						
LV4403B46R*								
LV4403B66	¾" F. NPT							
LV4403B66R*								

* Backmount design

** Maximum flow based on 10 PSIG (0.69 BARG) inlet and 9" w.c. delivery pressure.

Low Pressure Second Stage Regulators - Standard Settings LV4403B Series

Designed to reduce first stage pressure of 5 to 20 PSIG (0.34 to 1.38 BARG) down to burner pressure, normally 11" w.c. Ideal for medium commercial installations, multiple cylinder installations and normal domestic loads.

UL LISTED

LV4403B Series

Ordering Information

Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position	Vapor Capacity BTU/hr Propane****
LV4403B4*	½" F. NPT	½" F. NPT	#28 Drill (3.57mm)	"11" w.c. at 10 PSIG Inlet (27.4 mbar at 0.69 bar)"	"9" to 13" w.c. (22.4 to 32.3 mbar)"	Over Inlet	"935,000 BTU/hr (20 KG/hr)"
LV4403B46**		¾" F. NPT					
LV4403B46R***							
LV4403B66**	¾" F. NPT	¾" F. NPT					
LV4403B66R***							

*Available in vent over outlet (VO) and vent at 9 O'clock(V9)
**Available in vent over outlet (VO), vent at 3 O'clock(V3) and vent at 9 O'clock(V9)
***Backmount design
****Maximum flow based on 10 PSIG(0.69 bar) inlet and 9" w.c.(22.4 mbar) delivery pressure.

Dielectric Second Stage Regulators LV4403BD Series

RegO's Dielectric second stage regulators are designed to reduce first stage pressure normally 10 PSIG (0.69 BARG) down to burner pressure, normally 11" w.c. and are ideal for medium commercial installations, multiple cylinders installations and normal domestic loads.

RegO Dielectric second stage regulators are engineered to isolate potential electrical current from metallic piping before entering a building. The use of a separate dielectric union is not necessary because the regulator contains a dielectric union as part of the inlet assembly. Available in both SAE Flare and F.NPT inlet connection.

LV4403BD Series

Ordering Information

Part Number	Inlet Connection	Outlet Connection	Inlet Material	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position	Vapor Capacity BTU/hr Propane
⅜" M. Flare = 3								
LV4403B3D	⅜" M Flare	½" F. NPT		# 28 Drill	11" w.c. at 10 PSIG(0.69 BARG) Inlet	9" to 13" w.c.	Over Inlet	935,000
LV4403B36D		¾" F. NPT						
LV4403B3RD*		½" F. NPT						
LV4403B36RAD**		¾" F. NPT		3/16"				1,000,000
LV4403B36RABD***								
½" M. Flare = 1								
LV4403B1D	½" M Flare	½" F. NPT	Brass	# 28 Drill	11" w.c. at 10 PSIG(0.69 BARG) Inlet	9" to 13" w.c.	Over Inlet	935,000
LV4403B16D		¾" F. NPT						
LV4403B16RD*								
LV4403B16RAD**				3/16"				
LV4403B16RABD***								1,000,000
⅝" M.Flare = 5								
LV4403B5D	⅝" M Flare	½" F. NPT	Brass	# 28 Drill	11" w.c. at 10 PSIG(0.69 BARG) Inlet	9" to 13" w.c.	Over Inlet	935,000
LV4403B56D		¾" F. NPT						
LV4403B56RD*								
LV4403B56RAD**				3/16"				
LV4403B56RABD***								1,000,000
½"- ¾" F. NPT	**Female Union**							
LV4403B4D	½" F.NPT	½" F.NPT	Brass & Plated Steel	# 28 Drill	11" w.c. at 10 PSIG(0.69 BARG) Inlet	9" to 13" w.c.	Over Inlet	935,000
LV4403B46D		¾" F. NPT						
LV4403B66D	¾" F. NPT							
LV4403B46RD*	½" F. NPT							
LV4403B66RD*	¾" F. NPT							
LV4403B66RAD**				3/16"				
LV4403B66RABD***								1,000,000

* Backmount Design.
** Right Angle Design
***Right Angle with Bracket
Maximum flow based on 10 PSIG (0.69 BARG) inlet and 9" w.c. delivery pressure.

Low Pressure Second Stage Regulators - Special Settings LV4403H Series

Designed to reduce first stage pressure of 5 to 10 PSIG (0.34 to 0.69 BARG) down to pressure higher than 11" water column, the actual pressure setting is specified in the table below. These regulators are designed for installations where the appliances require pressures greater than 11 inches w.c.

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LV4403H Series

Ordering Information

Part Number	Inlet Connection	Outlet Connection	Orifice Size	Delivery Pressure at 10 PSIG (0.69 BARG) Inlet	Adjustment Range Inches w.c.	Bonnet Vent Position	Vapor Capacity BTU/hr. Propane**
LV4403H222	¼" F.NPT	½" F.NPT	7/32"	22" w.c.	15-35	Inlet	700,000
LV4403H414	½" F.NPT		#28	14" w.c.	12.5-19		
LV4403H420				20" w.c.	15-35		
LV4403H4614		¾" F.NPT		14" w.c.	12.5-19		
LV4403H4620				20" w.c.	15-35		
LV4403H6614	¾" F.NPT			14" w.c.	12.5-19		

* Maximum flow based on 10 PSIG (0.69 BARG) inlet 20% drop in delivery pressure (5/1/08)

Compact "Back-Mount" Regulator LV3403BR Series

The LV3403BR Back Mount Regulator is designed to reduce first stage pressure of 5-10 PSIG (0.34 to 0.69 BARG) down to burner pressure normally 11" w.c. Designed as a second stage regulator for smaller applications with flow requirements up to 450,000 BTU/hr. and are ideal for homes, mobile homes, and cottages.

UL LISTED

LV3403BR Series

Ordering Information

Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure (PSIG)	Factory Delivery Pressure (BARG)	Adjustment Range	Bonnet Vent Position	Vapor Capacity BTU/hr *
LV3403B44R	½" F.NPT	½" F.NPT	7/32"	11" w.c. At 10 PSIG Inlet	11" w.c. At 0.69 BARG Inlet	9" to 13" w.c.	Over Inlet	450,000
LV3403B46R		¾" F.NPT						

* Maximum flow based on 10 PSIG (0.69 BARG) inlet and 9" w.c. delivery pressure.

Compact Second Stage Regulator for LP-Gas LV3403B4

The LV3403B4 is designed to reduce first stage pressure of 5-20 PSIG (0.34 to 1.38 BARG) down to burner pressure normally 11" w.c. Designed as a second stage regulator for smaller applications with flow requirements up to 450,000 BTU's/hr, they are ideal for homes, mobile homes, and cottages.

UL LISTED

LV3403B4 Series

Ordering Information

Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position	Vapor Capacity BTU/hr *
LV3403B4	½" F.NPT	½" F.NPT	7/32"	11" w.c. At 10 PSIG Inlet	11" w.c. At 0.69 BARG Inlet	9" to 13" w.c.	Inlet	450,000
LV3403B4V3							3:00	
LV3403B4V0							Outlet	
LV3403B4V9							9:00	

* Maximum flow based on 10 PSIG (0.69 BARG) Inlet 9" w.c. delivery pressure

Low Pressure Second Stage Regulators
LV4403B66RA Series

Designed to reduce first stage pressure of 5 to 20 PSIG (0.34 to 1.38 BARG) down to burner pressure, normally 11" w.c. Ideal for medium commercial installations, vapor meter installations and normal domestic loads.

UL LISTED

LV4403B66RA Series

Ordering Information

Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure(PSIG)	Factory Delivery Pressure(BARG)	Adjustment Range	Bonnet Vent Position	Vapor Capacity BTU/ hr. Propane*
LV4403B66RA	¾" F. NPT	¾" F. NPT	3/16"	11" w.c. at 10 PSIG Inlet	11" w.c. at 0.69 BARG Inlet	9" to 13" w.c.	Over Inlet	1,000,000
LV4403B66RAB**								

* Maximum flow is based on 10 PSIG (0.69 BARG) inlet and 9" w.c. delivery pressure.
**** Mounting Bracket Included.**

Low Pressure Second Stage Regulators - Standard Settings
LV5503B Series

Designed to reduce first stage pressure of 5 to 20 PSIG (0.34 to 1.38 BARG) down to burner pressure,normally 11" w.c. Ideal for larger commercial and industrial applications, multiple cylinder installations and large domestic systems.

UL LISTED

LV5503B Series

Ordering Information

Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position	Vapor Capacity BTU/hr. Propane
LV5503B4	½" F. NPT	¾" F. NPT	¼"	11" w.c. at 10 PSIG Inlet	11" w.c. at 0.69 BARG Inlet	9" - 13" w.c.	Over Inlet	1,600,000
LV5503B6	¾" F. NPT							
LV5503B8		1" F. NPT	9/32"					2,300,000

Maximum flow is based on 10 PSIG (0.69 BARG) inlet and 9" w.c. delivery pressure.

Low Pressure Second Stage Regulators - Special Settings
LV5503H Series

Designed to reduce first stage pressure of 5 to 20 PSIG (0.34 to 1.38 BARG) down to burner pressure,normally 11" w.c. Ideal for larger commercial and industrial applications, multiple cylinder installations and large domestic systems.

UL LISTED

LV5503H Series

Ordering Information

Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure @ 10 PSIG(0.69 BARG) Inlet	Adjustment Range Inches w.c.	Bonnet Vent Position	Vapor Capacity BTU/ hr.* Propane
LV5503H414	½" F. NPT	¾" F. NPT	¼"	14" w.c.	7-16	Inlet	1,600,000
LV5503H614	¾" F. NPT						
LV5503H620				20" w.c.	11-28		
LV5503H620V						Outlet	
LV5503H640				40"w.c.	28-84	Inlet	
LV5503H640V						Outlet	
LV5503H814		1" F. NPT	9/32"	14" w.c.	7-16	Inlet	2,300,000
LV5503H820				20" w.c.	11-28		
LV5503H840				40" w.c.	28-84		

Maximum flow is based on 10 PSIG (0.69 BARG) inlet 20% drop in delivery pressure (5/1/08)

Second Stage Regulators for 2 PSI Systems LV4403Y and LV5503Y Series

Designed to reduce first stage pressure of 10 PSIG (0.69 BARG) down to 2 PSIG (0.14 BARG). A line pressure regulator is required downstream to reduce the 2 PSIG (0.14 BARG) to a nominal 11" w.c.

UL LISTED

Ordering Information

Part Number	Inlet Connection	Outlet Connection	Orifice Size	Adjustment Range (PGIG)	Adjustment Range (BARG)	Bonnet Vent Position	Vapor Capacity BTU/hr. Propane***
LV4403Y4	½" F. NPT	½" F. NPT	¼"	2 PSIG @ 10 PSIG Inlet	0.14 BARG @ 0.69 BARG Inlet	Over Inlet	1,000,000
LV4403Y46R*	½" F. NPT	¾" F. NPT	¼"	2 PSIG @ 10 PSIG Inlet	0.14 BARG @ 0.69 BARG Inlet	Over Inlet	1,000,000
LV5503Y6	¾" F. NPT	¾" F. NPT	¼"	2 PSIG @ 10 PSIG Inlet	0.14 BARG @ 0.69 BARG Inlet	Over Inlet	2,200,000
LV5503Y8	¾" F. NPT	1" F. NPT	9/32"	2 PSIG @ 10 PSIG Inlet	0.14 BARG @ 0.69 BARG Inlet	Over Inlet	2,200,000

Maximum flow is based on 10 PSIG (0.69 BARG) inlet pressure and 1.5 PSIG (0.10 BARG delivery pressure.

LV5503Y Series

LV4403Y Series

Low Pressure Second Stage Tobacco Barn Regulator LV5503G4 Series

Especially developed for drying barns in the tobacco industry. The LV5503G4 regulator will supply a steady and constant flow of fuel to as many as 12 to 20 burners throughout the barn.

UL LISTED

Ordering Information

Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position	Vapor Capacity BTU/hr. Propane*
LV5503G4	½" F. NPT	¾" F. NPT	¼"	15" w.c. at 15 PSIG Inlet	15" w.c. at 1.03 BARG Inlet	8" - 18" w.c.	Above Inlet	1,750,000

Maximum flow is based on 15 PSIG (1.03 BARG) inlet pressure and 13" w.c. delivery pressure.

LV5503G4 Series

New Compact Twin Stage Regulators for LP-Gas LV404B34 & LV404B39 Series

The compact twin-stage regulator is designed to reduce container pressure down to 11" w.c. delivery pressure. It is ideal for "on site" container applications such as homes, mobile homes and cottages for average domestic service; including small ASME tanks and 100-420 pound DOT cylinders.

UL LISTED

Ordering Information

Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure (PSIG)	Factory Delivery Pressure (BARG)	Adjustment Range 2nd Stage	Bonnet Vent Position 1st stage **	Bonnet Vent Position 2nd stage**	Vapor Capacity BTU/hr *
LV404B34	¼" F.NPT	½" F.NPT	7/32"	11" w.c. @ 100 PSIG Inlet	11" w.c. @ 6.89 BARG Inlet	9" to 13"w..c.	Rear	Outlet	450,000
LV404B39	F.POL								
LV404B34V9	¼" F.NPT						Left	9:00	
LV404B39V9	F.POL								

* Maximum flow based on 10 PSIG (0.69 BARG) Inlet 9" w.c. delivery pressure

** Other vent positions available upon request

LV404B39

LV404B34

Compact Twin Stage Regulators LV404B4 and LV404B9 Series

This compact two-stage regulator is designed to reduce container pressure down to 11" w.c. delivery pressure. It is ideal for "on-site" cylinder applications, mobile homes and average domestic service including small ASME and 100 to 420 pound DOT cylinders.

404PE LV404B4 LV404B4V9 LV404B9

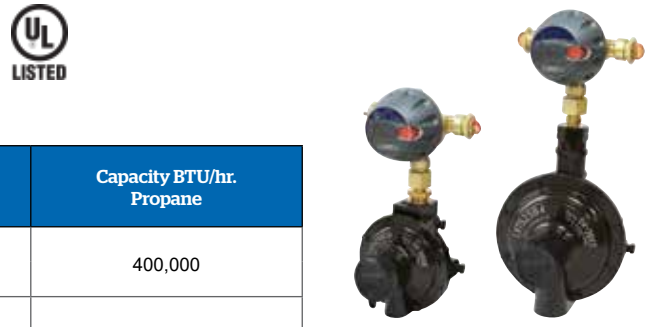
Ordering Information

Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure (PSIG)	Factory Delivery Pressure (BARG)	Adjustment Range 2nd Stage	Bonnet Vent Position 1st Stage	Bonnet Vent Position 2nd Stage	Capacity BTU/hr. Propane*	Accessories: 1st Stage Vent Pipe-Away
LV404B4	¼" F. NPT	½" F. NPT	3/16"	11" w.c. at 100 PSIG Inlet	11" w.c. at 6.89 BARG Inlet	9" - 13" w.c.	Down	Over Outlet	525,000	404PE
LV404B4V9							9 o'clock	9 o'clock		
LV404B46		¾" F. NPT					Down	Over Outlet		
LV404B46V9							9 o'clock	9 o'clock		
LV404B9	F. POL	½" F. NPT					Down	Over Outlet		
LV404B9V9							9 o'clock	9 o'clock		
LV404B96		¾" F. NPT					Down	Over Outlet		
LV404B96V9							9 o'clock	9 o'clock		

Maximum flow is based on 25 PSIG (1.72 BARG) inlet pressure and 9" w.c. delivery pressure.

Twin Stage Automatic Changeover Regulators 7525B Series

These combination automatic changeover, two stage regulators are especially suitable for homes, mobile homes, cottages, construction and other portable two cylinder installations. Empty containers may be replaced without interrupting customer's gas service.



7525B34 7525B4

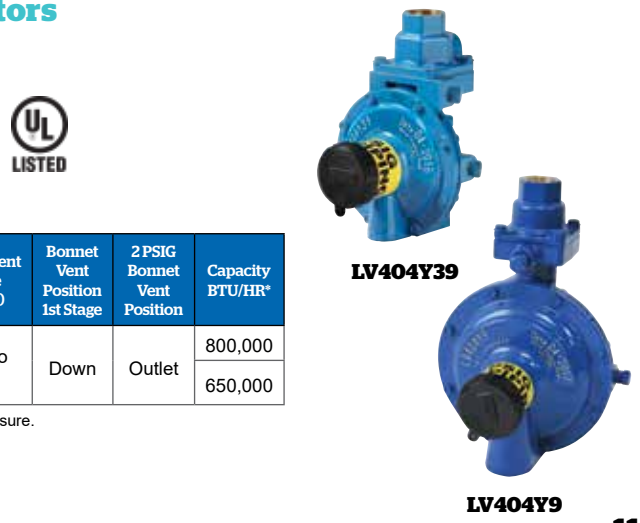
Ordering Information

Automatic Changeover Regulator	Inlet	Outlet	Pigtails	Bracket	Capacity BTU/hr. Propane
7525B34	¼" Inverted Flare	½" F. NPT	912FA20	2302-31	400,000
7525B34			912FS20		
7525B4			912FA20	2503-22	450,000
7525B4			912FS20		

Maximum flow is based on 25 PSIG (1.72 BARG) inlet pressure and 9" w.c. delivery pressure.

Two PSIG Delivery Pressure Twin-Stage Regulators LV404Y9 & Compact LV404Y39

SPECIAL 2 PSIG (0.14 BARG) DELIVERY pressure twin stage regulator is designed to reduce container pressure down to 2 PSIG (0.14 BARG). A line pressure regulator is required downstream to reduce the 2 PSIG (0.14 BARG) to a nominal 11" w.c.



LV404Y39 LV404Y9

Ordering Information

Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure (PSIG)	Factory Delivery Pressure (BARG)	Adjustment Range (PSIG)	Adjustment Range (BARG)	Bonnet Vent Position 1st Stage	2 PSIG Bonnet Vent Position	Capacity BTU/HR*
LV404Y9	F.POL (CGA 510)	½" F.NPT	7/32"	2	0.14	1.8 to 2.5	0.12 to 0.17	Down	Outlet	800,000
LV404Y39										650,000

Maximum flow is based on 25 PSIG (1.72 BARG) inlet pressure and 1.5 PSIG (0.10 BARG) delivery pressure.

Two Stage Regulator Outfits 5807, 5808, 5820 Series

These outfits contain the equipment required to provide two-stage regulation.

UL LISTED

Ordering Information

Kit Number	1st Stage Regulator Included		2nd Stage Regulator Included		Bracket Included	Pigtail Included	Capacity BTU/hr. Propane
	Part Number	Inlet x Outlet Female	Part Number	Inlet x Outlet F. NPT			
5807	LV4403TR9	POL x ½" NPT	LV4403B4	½" x ½"	2503-22	913PS12	935,000
5808			LV4403B46R	½" x ¾"	Not Required		
5820	LV4403TR96	POL x ¾" NPT	LV4403B66R	¾" x ¾"			

913PS12

2503-22

LV4403TR9

LV4403B Series

Twin Stage Regulator Outfits 5828 and 5832

This outfit contains the equipment required to provide twin-stage regulation.

UL LISTED

Ordering Information

Kit Number	Twin Stage Regulator Included	Inlet F. NPT	Outlet F. NPT	Pigtails Included	Capacity BTU / hr. Propane
5828	LV404B4	¼"	½"	912JS12	525,000
5832	LV404B34V9				400,000

912JS12

2503-22

LV404B4

LV404B34V9

Automatic Changeover Regulator Outfits 5726B34, 5727B34, 5754B4, 5755B4

This outfit contains the equipment required to provide twin-stage regulation.

UL LISTED

Ordering Information

Kit Number	Automatic Changeover Regulator Included	Inlet	Outlet	Pigtails Included-2	Bracket Included	Capacity BTU/hr. Propane
5726B34	7525B34	¼" Inverted Flare	½" F. NPT	912FA20	2302-31	400,000
5727B34	7525B34			912FS20		
5754B4	7525B4			912FA20	2503-22	450,000
5755B4	7525B4			912FS20		

912FA20

7525B4

Compact Regulators
302 Series

These compact regulators are designed for smaller outdoor grills and fish cookers. It is intended for use on small portable appliances that use 100,000 BTU's/hr. or less. It may not be used on fixed pipe systems per NFPA 58, 1995 edition.

UL LISTED

302

Ordering Information

Part Number	Type	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure (PSIG)	Factory Delivery Pressure (BARG)	Adjustment Range	Bonnet Vent Position	Vapor Capacity BTU/hr. Propane*
302	Single Stage	¼" F. NPT	3/8" F. NPT	No. 50 Drill	11" w.c. at 100 PSIG inlet	11" w.c. at 6.89 BARG inlet	9-13" w.c.	Small Vent Above Inlet	125,000
302V		¼" F. NPT						Drip Lip Above Inlet	
302V9		¼" F. NPT						Drip Lip at 9 o'clock	
302V9LS		Soft POL w/o orifice							

Maximum flow is based on 25 PSIG (1.72 BARG) inlet pressure and 9" w.c. delivery pressure.

302V

High Pressure Industrial / Commercial Pounds-to-Pounds Regulators
597F Series

Designed to reduce propane gas container pressure down to between 3 and 100 PSIG (0.21 and 6.89 BARG). Ideal for liquid or vapor service, they can be used in a variety of applications including salamander heaters, weed burning torches, fish cookers, tar pot heaters, and other industrial type services.

UL LISTED

597F

Ordering Information

Part Number	Adjustment Method	Inlet Connection	Outlet Connection	Recommended Delivery Pressure Range (PSIG)	Recommended Delivery Pressure Range (BARG)	Capacity Determined at Set Pressure of PSIG*	Capacity BTU/hr. Propane**
597FA	Tee Handle	¼" NPT	¼" NPT	1-15	0.07-1.03	10	1,750,000
597FB				10-30	0.69-2.07	20	3,000,000
597FC				20-45	1.38-3.10	30	3,500,000
597FD				40-100	2.76-6.89	40	4,500,000

* Set pressure established at 100 PSIG (6.89 BARG) inlet and a flow of 250,000 BTU/hr.
** Capacity determined at actual delivery pressure 20% less than set pressure with inlet pressure 20 PSIG (1.38 BARG) higher than the set pressure.

High Pressure Industrial / Commercial Pounds-to-Pounds Regulators 1580V and AA1580V Series

Designed to reduce LP-Gas and anhydrous ammonia container pressures to between 3 and 125 PSIG (0.21 and 8.62 BARG). Precision-built with a multi-million BTU capacity, the 1580V series is perfect for such big, tough jobs as crop dryers, asphalt batch mixing plants, road building "tar wagons", heat treating and other large industrial and commercial loads. It's also ideal as a first stage regulator in large multiple operations. The AA1580V series is ideal for use in anhydrous ammonia applications such as blue print machines and heat treating.

UL LISTED

1580V

Ordering Information

Part Number	Service	Adjustment Method	Inlet & Outlet Connections	Recommended Delivery Pressure Range (PSIG)	Recommended Delivery Pressure Range (BARG)	A Width	B Height (max.)	Capacity Determined at Set Pressure of PSIG*	Capacity**
1584VN	LP-Gas	Tee Handle	½" F. NPT	3-30	0.21-2.07	2 15/16"	4 7/8"	20	7,000,000 BTU/hr. LPG
1584VL				25-50	1.72-3.45			30	10,000,000 BTU/hr. LPG
1584VH				45-125	3.10-8.62			60	10,000,000 BTU/hr. LPG
AA1584VW	NH3			3-25	0.21-1.72			20	4,500 CFH NH_3
AA1584VL				20-50	1.38-3.45			30	4,800 CFH NH_3
AA1584VH				45-125	3.10-8.62			60	5,100 CFH NH_3
1586VN	LP-Gas		¾" F. NPT	3-30	0.21-2.07	3 ½"	7"	20	7,500,000 BTU/hr. LPG
1586VL				25-50	1.72-3.45			30	14,000,000 BTU/hr. LPG
1586VH				45-125	3.10-8.62			60	14,000,000 BTU/hr. LPG
AA1586VW	NH3			3-25	0.21-1.72			20	7,700 CFH NH_3
AA1586VL				20-50	1.38-3.45			30	
AA1586VH				45-125	3.10-8.62			60	8,900 CFH NH_3
1588VN	LP-Gas		1" F. NPT	3-30	0.21-2.07			20	7,500,000 BTU/hr. LPG
1588VL				25-50	1.72-3.45			30	14,000,000 BTU/hr. LPG
1588VH				45-125	3.10-8.62			60	14,000,000 BTU/hr. LPG

* Set pressure is established with 100 PSIG (6.89 BARG) inlet pressure and a flow of 500,000 BTU/hr. propane for 1580V Series, and 180 CFH/hr. NH_3 for AA1584V and AA1586V Series.

** Capacity determined at 100 PSIG (6.89 BARG) inlet, set pressure noted on chart at 20% drop.

NOTE: Care must be taken to prevent re-liquification of propane at normal temperatures by heat tracing or other effective means. Use of a relief valve upstream or downstream of these regulators is recommended in accordance with NFPA 58.

High Pressure / High Temperature Industrial / Commercial Pounds-to-Pounds Regulators X1584V, X1586V, and X1588V Series

Designed to reduce LP-Gas container pressures to between 3 and 50 PSIG (0.21 and 3.45 BARG). Ideal for crop drying, heat treating, asphalt batch mixing and other large industrial and commercial load application utilizing high temperature LP-Gas or high temperature atmosphere under conditions up to 300ºF. Also ideal as a first stage regulator in large multiple operations.

UL LISTED

X1584

Ordering Information

Part Number	Service	Adjustment Method	Width	Height	Inlet & Outlet Connections	Recommended Delivery Pressure Range (PSIG)	Recommended Delivery Pressure Range (BARG)	Capacity Determined at Set Pressure of PSIG*	Capacity BTU/hr. Propane**
X1584VN	LP-Gas	Tee Handle	2 7/8"	8 7/8"	½" F. NPT	3-30	0.21-2.07	20	7,000,000
X1584VL						25-50	1.72-3.45	30	10,000,000
X1586VN			3 5/16"	6 7/8"	¾" F. NPT	3-30	0.21-2.07	20	7,500,000
X1586VL						25-50	1.72-3.45	30	14,000,000
X1588VN					1" F. NPT	3-30	0.21-2.07	20	7,500,000
X1588VL						25-50	1.72-3.45	30	14,000,000

* Set pressure is established with 100 PSIG (6.89 BARG) inlet pressure and a flow of 500,000 BTU/hr. propane.
** Capacity determined at 100 PSIG (6.89 BARG) inlet, set pressure noted on chart at 20% drop.
NOTE: Care must be taken to prevent re-liquification of propane at normal temperatures by heat tracing or other effective means. Use of a relief valve upstream or downstream of these regulators is recommended in accordance with NFPA 58.

Vapor Relief Valves 3139 Series

Designed for use as a relief valve on high pressure regulators to comply with NFPA 58 5.1.1 “High-pressure regulators with a rated capacity of more than 500,000 BTU/hr where permitted to be used on two stage systems shall incorporate an integral relief valve or shall have a separate relief valve.”


3139-18 3139-26 3139-38

Part Number	Set Pressure	Set Pressure	Regulator Settings	Connection Size	Height	Width	Flow Capacity at 120% of Set Pressure (SCFH Propane)	Pipe Away Adapter
3139-18	18 PSIG	1.24 BARG	10 PSIG	¼” M. NPT	2 27/32”	1 1/16”	1357*	B-009412-2B
3139-26	26 PSIG	1.79 BARG	15 PSIG				1725**	
3139-38	38 PSIG	2.62 BARG	20 PSIG				2304***	

* Flow recorded at 21.6 PSIG (1.49 BARG) inlet pressure for this valve. ** Flow recorded at 31.2 PSIG (2.15 BARG) inlet pressure for this valve. *** Flow recorded at 45.6 PSIG (3.14) inlet pressure for this valve.

Copper Pigtails 912 and 913 Series

Straight Pigtails Ordering Information

Connections	Approximate Length	Part Number		
		¼” Tube		⅜” Tube
		⅞” Hex Short Nipple	1⅛” Hex Long Nipple	⅞” Hex Short Nipple
M.POL x M.POL	5”	-	½”	913JS05
	12”	912PS12	-	913PS12
	20”	912PS20	912PA20	913PS20
	30”	912PS30	-	913PS30
	36”	912PS36	912PA36	913PS36
	48”	912PS48	912PA48	913PS48
¼” Inverted Flare x M.POL	12”	912FS12	-	-
	20”	912FS20	912FA20	-
	30”	912FS30	-	-
	36”	912FS36	-	-
¼” M.NPT x M.POL	5”	-	-	913JS05
	12”	912JS12	-	-
	20”	912JS20	-	-
	36”	912JS36	-	-
½” M.NPT x M.Pol	12”	-	-	913LS12
½” M.NPT x ⅜” M.NPT	12”	-	-	913KL12

Bent Pigtails Ordering Information

Connections	Approximate Length	Part Number	Type/Degree of Bend
		⅜” Tube	
		⅞” Hex Short Nipple	
¼” M. NPT x M. POL	5”	913JS05A	90°
		913PS05A	
M. POL x M. POL	12”	913PS12G	270° Right Hand
		913PS12H	270° Left Hand
		913PS12S	360°

Pigtails are available in a variety of connections, sizes and styles. Care should always be taken in selecting the proper pigtail for a particular application.

Note: RegO recommends a new pigtail be installed with every new and replaced regulator.


913PS12

UL LISTED


D912

Part Number	Approximate Length	Tube	Connections
D912P12	12”	¼”	M.POL x M.POL
D912P20	20”		
D912P30	30”		
D912J12	12”		¼” M.NPT x M.POL
D912J20	20”		
D912J30	30”		
D913P12	12”	⅜”	M.POL x M.POL
D913P20	20”		
D913P30	30”		
D913J12	12”		¼” M.NPT x M.POL
D913J20	20”		
D913J20	30”		

Inlet Fittings

Part Number	Description
970	Hard nose POL with wrench nut.
970AX	Hard nose POL with wrench nut and excess flow.
970AXS	Soft nose POL with wrench nut and excess flow.
970WXS	
3199W	Heavy duty hard nose POL with wrench nut and excess flow.
970AW	Soft nose POL with Handwheel.
970HT	Soft nose POL with Handwheel and 60 DMS orifice.
970S	Soft nose POL with wrench nut and 60 DMS orifice.

These inlet fittings are available for assembly into either first stage of single stage regulators. All have ¼” M. NPT connections and are machined from brass.


3199W


970 970AX 970AXS 970AW 970HT 970S

Accessories

Brackets

RegO Brackets are especially designed for use in installing RegO Regulators in applications requiring the use of a bracket.

Part Number	Material	For Use With Regulator Model:
2302-31	Cadmium Plated Steel	LV3403, LV404B34, LV404B39
2503-22		LV404B4 LV404B9 Series,LV5503 Series LV4403 Series
2503-19	Aluminum	

2503-19 2503-22 2302-31

Tee Check Manifolds

1350R and 1450R

For use in systems that require uninterrupted gas service during cylinder exchange. Especially for summer cottages, mobile homes and single appliance loads.

Part Number	Inlet Connections	Outlet Connection
1350R	F. POL	M. POL
1450R	¼" Inverted Flare	¼" M. NPT

1350R 1450R

Multiple Cylinder Manifolds

1350E and 1450E

Use with suitable pigtails to connect multiple cylinders together. Ideal for loads that require more than one cylinder to be in service at a time.

Part Number	Inlet Connections	Outlet Connection
1350E	F. POL	M. POL
1450E	¼" Inverted Flare	¼" M. NPT

UL LISTED

1450E 1350E

Adjustable Flexible Vent Kit

Part Number	Flex Tubing Length	Reusable End Connectors	90° Elbow	Mounting Bracket
LV960-48	48" (4 feet)	2	1	3
LV960-72	72" (6 feet)			4
LV960-120	120" (10 feet)			5

LV960

Test Kits

Low Pressure Test Set

2434A Series

This kit provides the equipment necessary for checking regulator delivery pressure (low pressure) at the appliances. The basic set contains a 2424A-2 low pressure gauge and a 3 foot — 3/16" O.D. flexible synthetic rubber tube. Adapters are also available.

Part Number	Contents	Adapters	Adapter size
2434A	Test Kit	1328	⅜" OD
		1331	½" OD
		1332	⅝" OD

2434A

1328 Adapter

Water Manometer Kit

1212 Kit

The water manometer kit is especially suited for use with low pressure LP-Gas systems. It is ideal for pressure checks downstream of the low pressure regulator and at the appliances.

Part Number	Description
1212 KIT	Flexible Tube Water Manometer Kit

1212 KIT

High Pressure Gauge Adapter

2962

Designed for testing high pressure lines. Adapter has 0 to 300 PSIG (0 to 20.68 BARG) gauge. A bleeder valve allows you to bleed down to correct pressure during pressure tests.

Part Number	Inlet Connection	Outlet Connection	Pressure Gauge Range (PSIG)	Pressure Gauge Range (BARG)
2962	Soft Nose M. POL	F. POL	0 - 300	0 - 20.68

2962

Adhesive Warning Labels

These adhesive warning labels are intended for application as close as possible to the LP-Gas regulator once the regulator has been installed.

Part Number	Description
LV4403-400	Adhesive Warning Label

DANGER **WARNING**

LP-GAS IS EXTREMELY FLAMMABLE AND EXPLOSIVE

AVOID SERIOUS INJURY AND PROPERTY DAMAGE. IF YOU SEE, SMELL, OR HEAR ESCAPING GAS... EVACUATE AREA IMMEDIATELY! CALL YOUR LOCAL FIRE DEPARTMENT! DO NOT ATTEMPT TO REPAIR. DO NOT STORE IN BUILDING OR ENCLOSED AREA. DO NOT USE ON HOT AIR BALLOONS OR AIRCRAFT.

Insist that your LP-Gas dealer regularly inspect and maintain this installation and properly instruct you in safety matters.

Make sure ice, snow drifts, dirt, bugs and other foreign material do not obstruct vent passage-ways and openings. The vent opening must have a screen installed. If screen is missing, call your gas dealer for immediate examination and replacement.

DO NOT REMOVE, DEFACE OR OBLITERATE THIS LABEL.
DO NOT FILL CONTAINER UNLESS THIS LABEL IS READABLE.

ADDITIONAL SAFETY INFORMATION IS AVAILABLE FROM

ECII Engineered Controls International, Inc.

Printed in U.S.A. 04-0994-1189
Part Number LV4403-400

100 RegO Drive PO Box 247 Elon College, NC 27244 USA Phone (336) 449-7707 Fax (336) 449-6594 www.regoproducts.com

LV4403-400

DANGER **READ THIS FIRST** **WARNING**

LP-GAS IS EXTREMELY FLAMMABLE AND EXPLOSIVE

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Make sure you are thoroughly trained before you attempt any regulator installation or maintenance. Improper conditions or procedures can cause accidents resulting in property damage and personal injury.

Become thoroughly familiar with NPGA Safety Pamphlet 306 "LP-Gas Regulator and Valve Inspections & Maintenance" and RegO Safety Warning "LP-Gas Regulators" found in the regulator section of the L-500 & L-102 Catalogs. Follow its recommendations.

Know and understand NFPA Pamphlet 58 "Liquefied Petroleum Gas Code", which is the law in many states. This publication is available from NFPA, Batterymarch Park, Quincy, MA 02269. Following its requirements is essential in the safe use of LP-Gas. Section 4.4 states: "Persons who transfer liquid LP-Gas, who are employed to transport LP-Gas, or whose primary duties fall within the scope of this code shall be trained in proper handling procedures. Refresher training shall be provided at least every three years and shall be documented."

Pamphlet 58 also states that "All regulators for outdoor installations, except regulators used for portable industrial applications, shall be designed, installed or protected so their operation will not be affected by the elements (freezing rain, sleet, snow, ice, mud or debris). This protection may be integral with the regulator."

Vents must be clear and fully open at all times. An obstructed vent will prevent the regulator from functioning properly and may result in property damage and personal injury.

Regulators should be installed with the vent facing down or otherwise covered for protection.

Twin-Stage Regulators should be installed completely under cover and/or with screened vent pipe away adapters that position both vents in a down position without obstructing flow through the vents.

Make sure piping is clean and free from foreign material (such as dirt, corrosion, chips, pipe joint compound, etc.) Always replace the pigtail when replacing a regulator. Thread sealant used on piping must be compatible with LP-Gas.

Make sure the use and location of the regulator(s) as a component(s) of the LP-Gas system to be installed is proper. (Avoid misusing LP-Gas equipment.) See the following RegO publications: L-500 & L-102 Catalogs and the LP-Gas Serviceman's manual.

For underground installations, make sure that water, mud, dirt, and insects cannot get into the regulator, and that the regulator is easily accessible for regulator maintenance. Follow NPGA Bulletin 401. See RegO Safety Warning "LP-Gas Regulators" found in the regulator section of the L-500 & L-102 Catalogs.

Check regulator and installation for leaks following NFPA #54 and NPGA Bulletin 403 "Pressure Testing and Leak Checking LP-Gas Piping Systems".

In selecting a label for posting at the installation site, consider RegO part number 2403-400 along with your own, NPGA's and others.

Remember to instruct the owner/user/customer in safety matters concerning LP-Gas and this equipment. See RegO Safety Warning "LP-Gas Regulators" found in the regulator section of the L-500 & L-102 Catalogs.

RegO requests that this information be forwarded to your customers. Additional copies are available from RegO and your authorized RegO Distributor.

REGO

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Part number LV4403-500

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

LV4403-500

Warning Notice

The following warning information, Part Number LV4403-500, is included with each shipment of regulators 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.

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CATALOG REG-100

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