March 2021

RegO ® Field Topics

Identifying Regulator Model

Field Topics are intended to provide useful information to the network of authorized LP-Gas and Anhydrous Ammonia distributors regarding the proper use of RegO® products. **Warning Bulletins** covering many of the hazards involved are available from RegO for more detailed information. These bulletins can be found in our **L-500, L-102 and NH3-102** catalogs. Neither the Field Topic or the Warning Bulletins are intended to conflict with federal, state, or local ordinances and/or regulations, which should be observed at all times. This information also is not intended to be a substitute for or to supplement any training in the safe handling and use of propane and related equipment, as required by any applicable law. By providing this material, ECI assumes no responsibility for providing any such training. Only individuals properly trained in the safe handling and use of propane and related equipment should be permitted to do so, and by providing this information, ECI does not assume responsibility for providing such training.

For more information on LP Gas system requirements, refer to Liquefied Petroleum Gas Code (NFPA 58), National Fuel Gas Code (NFPA 54), National Propane Gas Association Safety Handbook, the RegO LP-Gas Serviceman's Manual L-545, RegO catalogs L-500/L-102/NH3-102, ANSI K61.1 Safety Requirements for Storage and Handling of Anhydrous Ammonia, as well as any applicable local codes and ordinances.

Identifying Regulator Model

This field topic is designed to help aide in identifying RegO® regulators, whether current or past models. It is important to identify the regulator for various reasons including replacement, recordkeeping, and installation changes. When adding a new appliance to an existing installation the regulators capacity should always be checked.

Over the years with continued improvement RegO® has continued to create clearer visibility on product numbers and date codes. During our 2017 and 2018 regulator refresh program, RegO® has established our laser engraved bonnet on the LV4403™, LV3403™ and LV404™ series. The laser engraved bonnet provides clear visibility to all pertinent information including the model number.

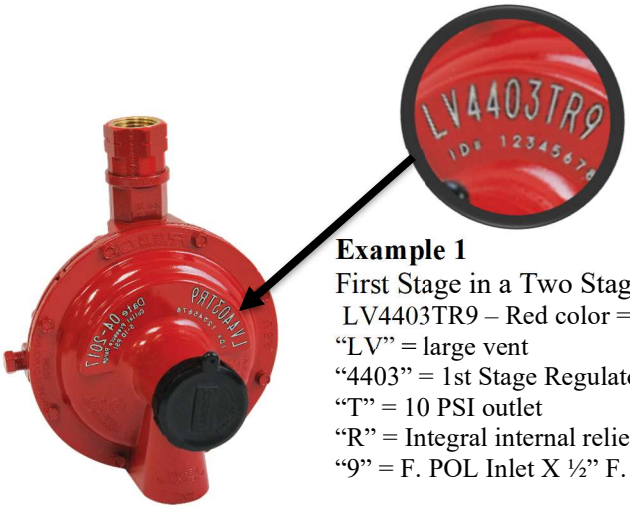
Never assume that the regulator and system installed previously was sized accordingly. When replacing a regulator due to age always confirm that the regulator being installed will keep up with system demand, application, and ratings. Pipe sizing should always be checked to ensure the regulator will perform properly. When installing a new first stage or twin-stage regulator replace your pigtails.

Phone: +1 336.449.7707 Fax: +1 336.449.6594 100 RegO Drive, Elon, NC 27244 USA regoproducts.com

With Laser engraved regulators the model number can be clearly displayed on the bonnet.

Please follow the coding below to determine abbreviations:

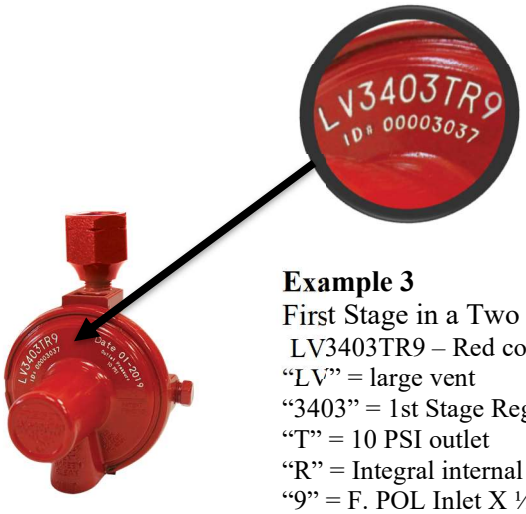
Regulator Coding Guide	
Body Description	
LV	Large Vent
404	Twin Stage Regulator body
3403	Second Stage Regulator body
4403	1st or Second Stage Regulator body
5503	Second Stage Regulator body
7525	Twin Stage Automatic Changeover body
D*	Dielectric inlet
R	Integral Relief Valve (1st Stage Only)
R*	Rear Outlet
RA*	Right Angle
RAB*	Right Angle with Bracket
Outlet Pressure	
B	11' w.c. Outlet Pressure
L	Lower than 11' w.c. Special Setting
H	Higher than 11' w.c. Special Setting
G	15" w.c. Outlet Pressure Agriculture Setting
Y	2 PSIG Outlet Pressure
S	5 PSIG Outlet Pressure
T	10 PSI Outlet Pressure
Vent Positions**	
VI	Vent Over Inlet
VO	Vent Over Outlet
V3	Vent at 3:00 O'clock Position
V9	Vent at 9:00 O'clock Position
Inlet/Outlet Connection Sizing	
1	½" M. Flare inlet
2	¼" F. NPT
3	3/8" M. Flare inlet
34	¼" F. NPT inlet X ½" F. NPT Outlet
39	F. POL Inlet X ½" F. NPT Outlet
4	½" F. NPT
5	5/8" M. Flare inlet
6	¾" F. NPT
8	1" F. NPT
9	F. POL Inlet X ½" F. NPT Outlet
96	F. POL Inlet X ¾" F. NPT Outlet



Example 1
First Stage in a Two Stage System
LV4403TR9 – Red color = first stage Regulator
"LV" = large vent
"4403" = 1st Stage Regulator body
"T" = 10 PSI outlet
"R" = Integral internal relief valve
"9" = F. POL Inlet X ½" F. NPT Outlet

LV4403SR9 has a 5 PSI outlet pressure

Example 2
Integral Twin Stage 2 PSIG
LV40Y9 – Blue color = Integral Twin stage 2 PSIG
"LV" = large vent
404" = twin stage regulator body
"Y" = 2 psig outlet pressure
"9" = F. POL Inlet X ½" F. NPT Outlet



Example 3
First Stage in a Two Stage System
LV3403TR9 – Red color = first stage Regulator
"LV" = large vent
"3403" = 1st Stage Regulator body
"T" = 10 PSI outlet
"R" = Integral internal relief valve
"9" = F. POL Inlet X ½" F. NPT Outlet

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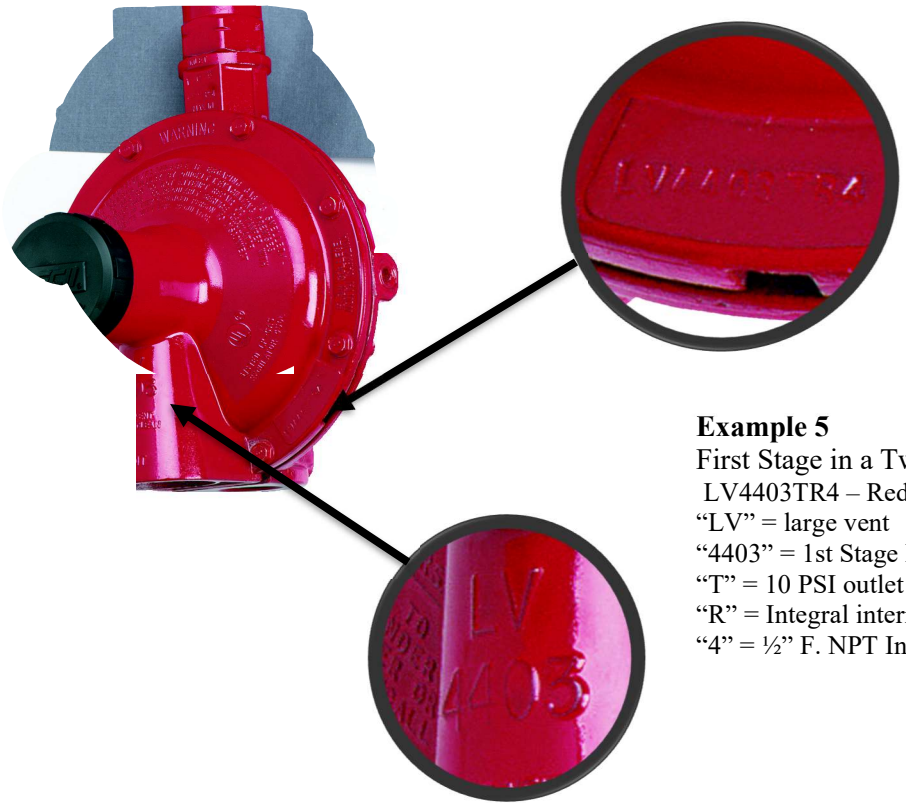
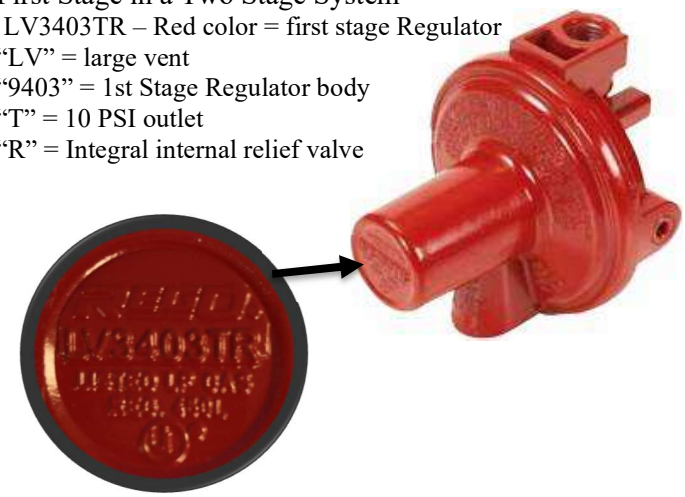
Prior to laser engraving the model on the LV3403 and LV4403 series model number can be determined by the series body and part abbreviation found on the bonnet. The abbreviations can also be found on the current LV5503 series.

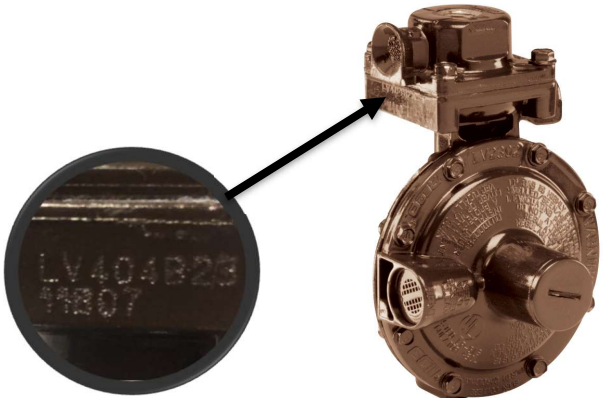
Example 4
Second Stage in a Two Stage System
LV5503B8 – Brown color = Second stage Regulator
"LV" = large vent
"5503" = 2nd Stage Regulator body
"B" = 11" Water column outlet pressure
"8" = 1" F. NPT Outlet



Example 5
First Stage in a Two Stage System
LV4403TR4 – Red color = first stage Regulator
"LV" = large vent
"4403" = 1st Stage Regulator body
"T" = 10 PSI outlet
"R" = Integral internal relief valve
"4" = ½" F. NPT Inlet X ½" F. NPT Outlet

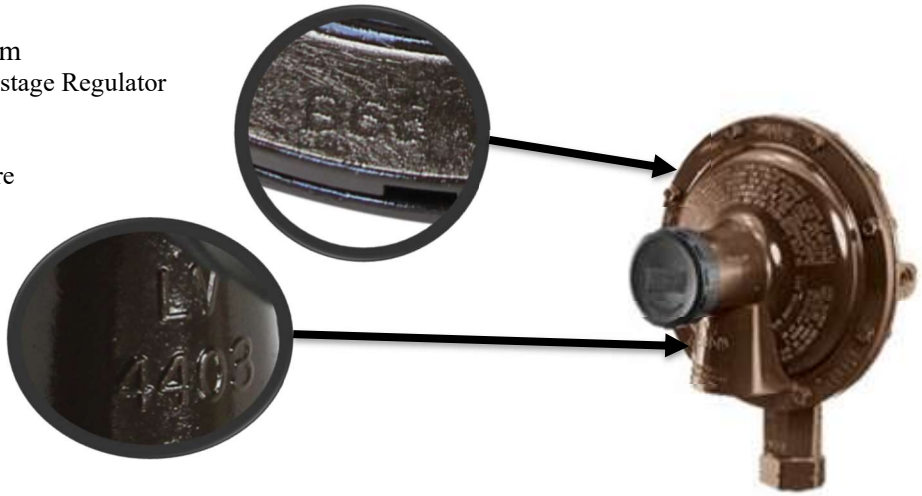
Example 6
First Stage in a Two Stage System
LV3403TR – Red color = first stage Regulator
"LV" = large vent
"9403" = 1st Stage Regulator body
"T" = 10 PSI outlet
"R" = Integral internal relief valve





Example 7
Integral Twin Stage
LV404B23 – Blue color = Integral Twin stage
"LV" = large vent
404" = twin stage regulator body
"B" = 11" Water column outlet pressure
"23" = Obsolete series

Example 8
Second Stage in a Two Stage System
LV4403B66 – Brown color = Second stage Regulator
"LV" = large vent
"4403" = 2nd Stage Regulator body
"B" = 11" Water column outlet pressure
"6" = ¾" F. NPT Inlet
"6" = ¾" F. NPT Outlet



Should you have any questions or concern, please contact me.

Cody Reeves
Technical Services Manager

O: +1 336.446.7292
creeves@regoproducts.com
100 RegO Drive, Elon, NC 27244 USA