

Fisher® LP-Gas Equipment

Global Technology Leadership

Our commitment to providing customers with customized solutions, dependable products, along with uncompromising quality standards and exceptional service is a tradition dating back to our beginnings in 1880, when William Fisher invented the first regulator. Today, Fisher LP-Gas Equipment is a part of Emerson Process Management's Regulator Technologies Division, the World Leader in valve and regulator design and manufacturing. Emerson, a \$20.9 billion company, invests over \$400 million in research and development annually. Being a part of Emerson provides Fisher LP-Gas Equipment with the resources of a Global Technology Leader.



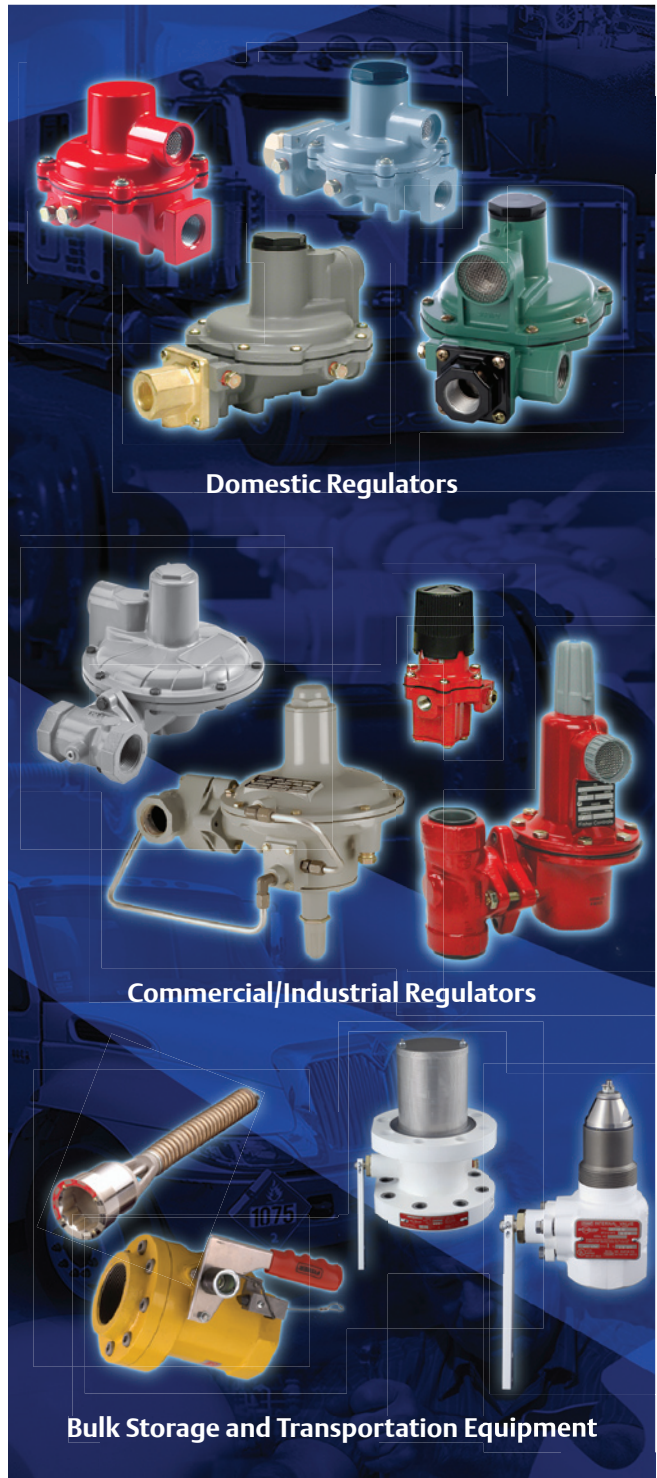
Laboratory Tests Simulate Field Conditions

Commitment to the LP-Gas Industry

With a focus on Safety and Reliability, Fisher LP-Gas Equipment continues a tradition of delivering innovative, high performance products utilizing the latest technologies. From the development of the first rubber diaphragm for regulators by Fisher in 1928 to the development of the first true internal valve in 1959, we proudly continue this tradition by introducing our new line of Jet Bleed Internal™ Valves, as well as our expanded line of commercial service regulators, providing the broadest line of regulator products offered in the LP-Gas industry today.

Commitment to our Customers

In addition to continually developing improved products for our customers, we are active in promoting and supporting the industry. Through our role in world and national organizations, we continue to promote increased safety throughout the entire industry.



Domestic Regulators

Commercial/Industrial Regulators

Bulk Storage and Transportation Equipment



COMMERCIAL/INDUSTRIAL HIGH PRESSURE REGULATORS



64 SERIES

64 Series

High pressure (pounds to pounds) regulators usually reduce tank pressure to an intermediate pressure for use by another regulator. They may be used as high pressure regulators on distribution systems when used in conjunction with a First-Stage downstream regulator. The Type 64SR may be used for First-Stage when set at 10 psig / 0,69 bar. They are also used for Final-Stage service on high pressure burners in crop dryers and tobacco curers, as well as other medium sized commercial/industrial applications.

The 1/4-inch FNPT side outlet, which is normally plugged, provides an opening for an outlet pressure gauge. Standard 64's Series are capable of handling liquid or vapor at temperatures under 150°F / 66°C. A cover or auxiliary vent assembly should be used to protect the 1/4-inch FNPT regulator vent opening on outdoor installations.

64 Series – is an adjustable high pressure regulator with a wide range of available outlet pressure ranges. It does not contain a relief valve. It should always be used in conjunction with a downstream

regulator and/or separate relief devices in compliance with NFPA 58 overpressure protection requirements.

Type 64SR – is a high pressure regulator, which has an internal relief valve. As such it may be used as a Final-Stage regulator on high pressure systems. It may also be used as a First-Stage regulator when set at 10 psig / 0,69 bar or less.

Note: 64 Series regulators do not have an internal relief and should be installed with additional/external overpressure protection. These units should not be installed in fixed piping serving 14-inches w.c. / 35 mbar appliance systems. Please consult with your LP-Gas Equipment Distributor for more information.

Note: If the installation location makes the ignition of vented gas a possibility, then a vent line should be installed from the Type 64SR vent to a safe location.

High Pressure Regulators					
TYPE NUMBER	DESCRIPTION	CAPACITIES IN BTU per hour / SCMH PROPANE ⁽¹⁾	OUTLET PRESSURE SETTING, psig / bar	OUTLET ADJUSTMENT RANGE, psig / bar	INLET AND OUTLET CONNECTIONS, INCHES
64-33	Basic Regulator	2 625 000 / 29,6	10 / 0,69	3 to 15 / 0,21 to 1,0	1/2 FNPT
64-35		3 600 000 / 40,5	20 / 1,4	5 to 35 / 0,34 to 2,4	
64-36		4 150 000 / 46,7	40 / 2,8	30 to 60 / 2,1 to 4,1	
64-222		5 250 000 / 59,1	50 / 3,4	35 to 100 / 2,4 to 6,9	
64SR-21	With Internal Relief Valve	2 625 000 / 29,6	10 / 0,69	3 to 15 / 0,21 to 1,0	
64SR-22		3 000 000 / 33,8	15 / 1,0	5 to 20 / 0,34 to 1,4	
64SR-23		3 600 000 / 40,5	20 / 1,4	5 to 35 / 0,34 to 2,4	

1. Based on inlet pressure 20 psig / 1,4 bar greater than outlet with 20% droop; Liquid capacity = 160 GPH / 606 l/hr.