

FOLLIN FLO ▶ CONTROLS
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Propane Catalog

Regulators
Meters
Accessories

2012



FIRST STAGE REGULATORS

Compact First Stage Residential Regulator



R1424

Applications

- First – stage regulator in two stage systems for domestic applications
- Reduce tank pressure to 10 PSIG (with adjustable range 9-10.5 PSIG)
- R1424's compact size is ideal for domestic size ASME or DOT propane containers delivering up to 2,000,000 BTU/hr

Features and Benefits

- UL 144 listed
- Painted red to denote first stage
- High capacity relief provides double failure overpressure protection when used with Marshall second stage regulator
- Large 3/4" vent connection with easily removed threaded vent screen that can be reused on vent piping
- 1/8" inlet/outlet gauge taps
- Security loop on cap and body for tamper detection
- Reinforced diaphragm for superior performance
- Made in the USA with 12 year warranty

Part #	Inlet	Outlet	Adjust. Range	Outlet Pressure Setting	Vent Location	Internal Relief Valve	Capacity BTU/Hr	Price
R1424	1/4" NPT	1/2" NPT	9-10.5 PSIG	10 PSIG	Over Inlet	Yes	2,000,000	

Cross reference: Fisher R122H, Rego LV3403TR, LV3403TRV9

High Pressure First Stage Residential / Light Commercial Regulators



R1700 Series

Applications:

- Designed for first-stage regulation in two-stage bulk tank systems
- Used in commercial and domestic & light commercial applications, as well as high pressure burners
- Reduces tank pressure to 10 PSIG (adjustable range 9-10.5 PSIG)
- For tanks up to 1200 gallons.

Features and Benefits:

- UL 144 listed
- Tamper-proof riveted body assembly
- High capacity relief provides double failure overpressure protection when used with Marshall second stage regulator
- Large 3/4" vent connection with easily removed threaded vent screen that can be reused on vent piping
- 1/8" inlet/outlet gauge taps
- Security loop on cap and body for tamper detection
- Reinforced diaphragm for superior performance
- Made in the USA with 12 year warranty

Part #	Inlet	Outlet	Adjust. Range	Outlet Pressure Setting	Vent Location	Internal Relief Valve	Capacity BTU/Hr	Price
R1744	1/2" NPT	1/2" NPT	9-10.5 PSIG	10 PSIG	Over Inlet	Yes	2,600,000	
R1794	FPOL	1/2" NPT					2,600,000	
R1796	FPOL	3/4" NPT					2,800,000	
R1766	3/4" NPT	3/4" NPT					2,800,000	

Cross reference: Fisher R622H, Rego LV4403SR & LV4403TR

SECOND STAGE REGULATORS

Compact Second Stage Low Pressure Residential Regulators



R2444

Applications:

- Second stage regulator designed for domestic applications
- Reduces the pressure from the first stage regulator to 11" WC (outlet pressure setting), with an adjustable range of 10-14" WC.
- Compact regulator, ideal for tight installations

Features and Benefits:

- UL 144 listed
- Painted palm green to denote second stage
- R2444B has a back mount design that can be mounted directly to house line piping, eliminating the need for union joints, elbows and mounting brackets
- Large 3/4" vent connection with easily removed threaded vent screen that can be reused on vent piping
- 1/8" inlet/outlet gauge taps
- Security loop on cap and body for tamper detection
- Reinforced diaphragm for superior performance
- Made in the USA with 12 year warranty

Part #	Inlet	Outlet	Adjust. Range	Outlet Pressure Setting	Vent Location	Internal Relief Valve	Capacity BTU/Hr	Price
R2444	1/2" NPT	1/2" NPT	10-14" WC	11" WC	Over Inlet	Yes	950,000	
R2444B (Back Mount)	1/2" NPT	1/2" NPT					650,000	

Cross reference: Fisher R222, Rego LV3403B4

Second Stage Low Pressure Residential & Light Commercial Regulators



R2700 Series

Applications:

- Second stage regulator for domestic applications
- Reduces pressure from first stage regulator to appliance or burner pressure, usually 11" WC (outlet pressure setting), with adjustable range of 10-14" WC

Features and Benefits:

- UL 144 listed
- Painted palm green to denote second stage
- R2766B and R2746B have back mount design that can be mounted directly to house line piping, eliminating the need for union joints, elbows and mounting brackets
- Large 3/4" vent connection with easily removed threaded vent screen that can be reused on vent away piping
- 1/8" inlet/outlet gauge taps
- Security loop on cap and body for tamper detection
- Reinforced diaphragm for superior performance
- Made in the USA with 12 year warranty

Part #	Inlet	Outlet	Adjust. Range	Outlet Pressure Setting	Vent Location	Internal Relief Valve	Capacity BTU/Hr	Price
R2744	1/2" NPT	1/2" NPT	10"-14" WC	11" WC	Over Inlet	Yes	1,300,000	
R2746	1/2" NPT	3/4" NPT					1,400,000	
R2746B	1/2" NPT	3/4" NPT					1,000,000	
R2766	3/4" NPT	3/4" NPT					1,500,000	
R2766B	3/4" NPT	3/4" NPT					1,000,000	

Cross reference: Fisher R622 (Backmount version R652), Rego LV4403B (Backmount version LV4403BXXR)

INTEGRAL TWO-STAGE REGULATORS

Compact Integral Two-Stage Regulators



R3424 & R3494



Applications:

- Combines first and second stage regulators into one compact unit
- Designed for small domestic applications
- Recommended where piping distance from tank to appliance is short
- Compact unit, ideal for tight installations
- Reduces tank pressure (30-100 PSIG) down to 11" w.c.

Features and Benefits:

- Painted grey to denote integral two-stage regulator
- UL 144 listed
- Large 3/4" vent connection with easily removed threaded vent screen that can be reused on vent away piping
- 1/8" inlet/outlet gauge taps
- Security loop on cap and body for tamper detection
- Reinforced diaphragm for superior performance
- Made in the USA with 12 year warranty

Part #	Inlet	Outlet	Adjust. Range	Outlet Pressure Setting	Vent Location	Internal Relief Valve	Capacity BTU/Hr	Price
R3424	1/4" NPT	1/2" NPT	10-14" WC	11" WC	Over Inlet	Yes	650,000	
R3494	POL	1/2" NPT					650,000	

Cross reference: Fisher R232, Rego R3424 & R3949

Integral Two-Stage Regulators



R3700 Series



Applications:

- Combines first and second stage regulators into one compact unit
- Typical applications include: domestic service, mobile homes, and on-site cylinders
- Recommended where piping distance from tank to appliance is short
- Reduces tank pressure (30-100 PSIG) down to 11" w.c.

Features and Benefits:

- Painted grey to denote integral two-stage regulator
- UL 144 listed
- Large 3/4" vent connection with easily removed threaded vent screen that can be reused on vent away piping
- 1/8" inlet/outlet gauge taps
- Security loop on cap and body for tamper detection
- Reinforced diaphragm for superior performance
- Made in the USA with 12 year warranty

Part #	Inlet	Outlet	Adjust. Range	Outlet Pressure Setting	Vent Location	Internal Relief Valve	Capacity BTU/Hr	Price
R3724	1/4" NPT	1/2" NPT	10-14" WC	11" WC	Over Inlet	Yes	900,000	
R3726	1/4" NPT	1/2" NPT					950,000	
R3794	POL	1/2" NPT					900,000	
R3796	POL	3/4" NPT					950,000	

Cross reference: Fisher R632, Rego LV404B4

AUTO CHANGEOVER, RV, GRILL & PORTABLE APPLIANCE REGULATORS

Automatic Changeover Regulator



254


Applications:

- Combination automatic changeover two-stage regulator
- Designed for mobile homes, Recreational Vehicles and small domestic applications
- Enables replacement of empty containers without interruption of gas service

Features and Benefits:

- UL 144 Listed
- Meets RVIA requirements for use on RV's
- Zinc die cast
- Molded rubber diaphragms
- Fabric reinforced first stage diaphragm
- Mounting holds 3 1/2" on center

Part #	Inlet	Outlet	Adjust. Range	Outlet Pr. Setting	Vent Location	Int. Relief Valve	Capacity BTU/Hr	Price
254-00	1/4" Female Inverted Flare	3/8" NPT	9 – 13" w.c.	11" w.c.	Over outlet	Yes	210,000 (Service Cylinder) 130,000 (Reserve)	
254-00P (Carded)					Over outlet			

Cross reference: Fisher R966-31, Rego 7525B

Twin Stage Regulator for RVs



290


Applications:

- Integral two-stage regulator for RVs
- Compact unit

Features and Benefits:

- UL Listed
- Zinc die cast
- Molded rubber diaphragms
- Fabric reinforced first stage diaphragm
- Mounting holds 3 1/2" on center

Part #	Inlet	Outlet	Adjust. Range	Outlet Pr. Setting	Vent Location	Int. Relief Valve	Capacity BTU/Hr	Price
290-00	1/4" NPT	3/8" NPT	9" – 13" w.c.	11" w.c.	Over Outlet	Yes	160,000	
299-00					9 O'clock Vent			

Cross reference: Rego LV404B23

Single Stage Regulators – for Grills & Outdoor Appliances



230


Applications:

- Low pressure regulator
 - Ideal for grills, small stoves and camping appliances when installed in compliance with N.F.P.A. standards
- Note: Single stage regs not approved for RV use or domestic, hard pipe systems

Features and Benefits:

- UL 144 Listed
- Zinc die cast
- Molded rubber diaphragms
- Fabric reinforced first stage diaphragm
- Mounting holes 3 1/2" on center

Part #	Inlet	Outlet	Adjust. Range	Outlet Pr. Setting	Vent Location	Int. Relief Valve	Capacity BTU/Hr	Price
230-00	1/4" NPT	3/8" NPT	9" – 13" w.c.	11" w.c.	Over Outlet	Yes	140,000	
230-90	1/4" NPT	3/8" NPT			90°, Side			
230-QC11	QCC1	3/8" NPT			Over Outlet			

Cross reference: Rego 302V

2 PSI REGULATORS

2 PSIG Service Regulators – Residential and Light Commercial



R5444/R5744/R5766



Applications:

- Designed for 2 PSI LP regulator systems in residential/ light-medium commercial applications
- Used after a First Stage regulator, reducing pressure from 10 PSI to 2 PSI
- Feed 3rd stage line regulator(s), which cut pressure to approximately 11 " WC for appliances
- R544B, 5764B & R 5766B are backmount design
- R5444 and R5744 are compact regulators for tight installations and lower flow

Features and Benefits:

- UL 144 listed
- Large 3/4" vent connection with easily removed threaded vent screen that can be reused on vent away piping
- 1/8" inlet/outlet gauge taps
- Security loop on cap and body for tamper detection
- Reinforced diaphragm for superior performance
- Made in the USA with 12 year warranty
- Painted Blue to denote 2 PSIG service

Part #	Inlet	Outlet	Adjust. Range	Outlet Pressure Setting	Vent Location	Internal Relief Valve	Capacity BTU/Hr	Price
R5444	1/2" NPT	1/2" NPT	1-2.5 PSIG	2 PSIG	Over Inlet	Yes	950,000	
R5444B	1/2" NPT	1/2" NPT					650,000	
R5744	1/2" NPT	1/2" NPT					1,500,000	
R5744B	1/2" NPT	3/4" NPT					1,400,000	
R5766	3/4" NPT	3/4" NPT					2,000,000	
R5766B	3/4" NPT	3/4" NPT					1,500,000	

Cross reference: Fisher R222E and R652E, Rego LV4403Y/5503Y and LV4403Y46R

2 PSIG Service Regulator - Commercial



Models B42R. B34SR. B34

Applications:

- Designed for 2 PSI LP regulator systems in light/medium commercial applications, example: box stores, large restaurants, hotels
- Used after a First Stage regulator, reducing pressure from 10 PSI to 2 PSI
- Feed 3rd stage line regulator(s), which cut pressure to approximately 11 " WC for appliances

Features and Benefits:

- Rugged cast iron body, Aluminum spring case
- Large diaphragm for superior pressure control
- Internal Relief for over-pressure protection
- Diaphragm case can be rotated to re-orient vent
- Removable stainless steel bug screen
- Variety of orifices available for added capacity

Part #	Inlet	Outlet	Orifice	Adj Range	Outlet Pressure Setting	Internal Relief Valve*	Capacity BTU/Hr**	Price
B42R	3/4	3/4	3/8"	1-2 PSIG	2 PSIG	Yes – 3/4"	1,980,000	
B42R	1"	1"	3/8"	1-2 PSIG	2 PSIG	Yes – 3/4"	1,980,000	
B34SR-HP	1-1/4"	1-1/4"	3/8" x 1/2"	1.75-2.5 PSIG	2 PSIG	Yes – 3/4"	3,096,000	
B34SR-HP	1-1/2"	1-1/2"	1/2" x 5/8"	1.75-2.5 PSIG	2 PSIG	Yes – 3/4"	3,700,000	
B34R	1-1/2"	1-1/2"	1/2"	1.2-2.1 PSIG	2 PSIG	Yes – 1"	4,315,000	
B34R	2"	2"	1/2" x 5/8"	1.2-2.1 PSIG	2 PSIG	Yes – 1"	4,797,000	
B38R	2"	2"	1"	1.4-2.4 PSIG	2 PSIG	Yes – 2.5"	12,790,000	
B38R	2"	2"	1-1/4"	1.4-2.4 PSIG	2 PSIG	Yes – 2.5"	16,310,000	

Cross reference: Fisher: HSR, S302, S202, Rego: LV5503Y6, LV5503Y8

* All regulators have internal relief valve to provide over-pressure protection and limit build up to below 5 PSIG with 2 PSIG set point. Supplemental relief valve may be required if local code requires less build up. Consult detailed capacity and relief charts.

**Capacity based on 10 PSIG Inlet, 2 PSIG outlet, 2% ABS droop (0.34 PSIG droop). Higher capacities available w/ larger orifice, may require extra relief valve.

APPLIANCE & LINE PRESSURE REGULATORS

Line Pressure Regulators



R6444



Applications:

- Designed for 2 PSI LP regulator systems in domestic applications
- Usually used downstream of a 2 PSI service regulator, reducing pressure for use by appliances, most often to 11" WC
- Can be installed inside without vent line (as per NFPA 54/58, if permitted by local authority)

Features and Benefits:

- CSA Certified, ANSI Z21.80 Class I Listed
- Tamper proof riveted body assembly
- Higher capacity
- Reinforced diaphragm
- Substantial wrench flats
- 1/8" inlet and outlet pressure gauge tap
- Made in the USA with 12 year warranty
- Vent limiter as standard

Part #	Inlet	Outlet	Adjust. Range	Outlet Pressure Setting	Vent Location	Internal Relief Valve	Capacity BTU/Hr	Price
R6444	1/2" NPT	1/2" NPT	10-14" WC	11" WC	Over Inlet	Yes	500,000	
R6766	3/4" NPT	3/4" NPT					1,000,000	

Cross reference: Maxitrol 325-3L, 325-5AL and 325-7L

Appliance & Line Pressure Regulators (Governors)



F30151, F30152, F30153



Applications:

- Ventless appliance or line pressure regulator
- For 2 PSIG systems requiring bubble tight lock-up and accurate final stage pressure control.
- Typically used on RTU's, Unit Heaters, Boilers, Furnaces, and any other gas appliances.
- Can be installed inside without vent line (as per NFPA 54/58, if permitted by local authority)

Features and Benefits:

- ANSI Z21.80A-2005/CSA 6.22a-2005 Class II
- Integral vent limiter
- True "Bubble Tight" lock-up
- Can be mounted in any position
- Double (safety diaphragm) with balanced valve
- Dual Cut (DC) versions (CSA listed over pressure protection device) for 5 PSIG systems
- 7 PSIG MAOP, 2 PSIG CSA max for single cut, 5 PSIG CSA max for Dual Cut versions with OPD

Part #	Inlet	Outlet	Adjust. Range	Outlet Pressure Setting	Vent Location	Capacity BTU/Hr 14" w.c. Inlet 11" w.c. outlet	Capacity BTU/Hr 2 PSIG Inlet 11" w.c. outlet	Price
F30051-B	1/2"	1/2"	6-14" w.c.	11" w.c.	On Top of Diaph. case	473,000	1,479,000	
F30052-B	3/4"	3/4"				473,000	1,840,000	
F30053-B	1"	1"				473,000	2,390,000	
F30151-B	3/4"	3/4"				1,320,000	4,454,000	
F30152-B	1"	1"				1,568,000	5,289,000	
F30153-B	1-1/4"	1-1/4"				3,743,000	12,620,000	
F30154-B	1-1/2"	1-1/2"				3,908,000	13,176,000	
F30155-B	2"	2"				7,155,000	24,126,000	

Cross reference: Maxitrol 325-3L, 325-5AL, 325-7L, 210D - 1", 210D-1 1/4" & 1 1/2", 210E-1 1/2" & 2"

Alternate spring ranges available: Green Spring (-G) for 2-5" w.c. when using in place of Maxitrol RV series for Burner/Gas Train Applications

HIGH PRESSURE COMMERCIAL REGULATORS (POUNDS TO POUNDS)

High Pressure Non-Relieving Adjustable Regulators



P32 & P36



Applications:

- Pounds to pounds regulator
- Suitable for liquid or vapor service
- Used for torches, tar heaters, flame cultivators and other industrial type services

Features and Benefits:

- UL Listed
- NACE available (non-UL)
- 60-mesh particulate screen
- Non Relieving
- Adjustment screw (P32) or fixed/non adjustable (P36)
- Mult. outlet taps (for optional gauge and relief valve)
- 0-10, 30, 60, 120 PSIG Spring Ranges
- 250 PSIG MAOP

Part #	Inlet	Outlet	Adjust. Range	Outlet Pr. Setting	Vent Location	Int.Relief Valve	Capacity BTU/Hr	Price
P32-10	1/4" NPT	1/4" NPT	0-10 PSIG	10 PSIG	Over inlet	No		
P32-20	1/4" NPT	1/4" NPT	0-30 PSIG	20 PSIG	Over inlet	No		
P32-30	1/4" NPT	1/4" NPT	0-60 PSIG	30 PSIG	Over inlet	No		
P32-50	1/4" NPT	1/4" NPT	0-60 PSIG	50 PSIG	Over inlet	No		
P36-10	1/4" NPT	1/4" NPT	Fixed	10 PSIG	Over inlet	No		
P36-15	1/4" NPT	1/4" NPT	Fixed	15 PSIG	Over inlet	No		
P36-20	1/4" NPT	1/4" NPT	Fixed	20 PSIG	Over inlet	No		

Cross reference: Fisher 67CW, 67CH, 67CD, 67CN, Rego 597F

High Pressure Non-Relieving Adjustable Regulator – Medium Capacity



P37



Applications:

- Pounds to pounds regulator
- Suitable for liquid or vapor service
- Used for torches, tar heaters, flame cultivators and other industrial type services

Features and Benefits:

- UL Listed
- Minimal supply pressure effect
- Non Relieving
- T-handle adjustment
- High Capacity
- 400 PSIG MAOP

Part #	Inlet	Outlet	Adjust. Range	Outlet Pr. Setting	Vent Location	Int.Relief Valve	Capacity BTU/Hr	Price
P37-010	1/2" NPT	1/2" NPT	0-10 PSIG	10 PSIG	Over inlet	No	7,000,000	
P37-020	1/2" NPT	1/2" NPT	0-30 PSIG	20 PSIG	Over inlet	No	7,500,000	
P37-030	1/2" NPT	1/2" NPT	0-60 PSIG	30 PSIG	Over inlet	No	8,000,000	
P37-050	1/2" NPT	1/2" NPT	0-60 PSIG	50 PSIG	Over inlet	No	8,000,000	
P37-010	3/4" NPT	3/4" NPT	0-10 PSIG	10 PSIG	Over inlet	No	8,000,000	
P37-020	3/4" NPT	3/4" NPT	0-30 PSIG	20 PSIG	Over inlet	No	8,000,000	
P37-030	3/4" NPT	3/4" NPT	0-60 PSIG	30 PSIG	Over inlet	No	8,000,000	
P37-050	3/4" NPT	3/4" NPT	0-60 PSIG	50 PSIG	Over inlet	No	8,000,000	

Cross reference: Fisher 64, Rego 1584M & 1586M. Capacity based on 20% droop from set point, inlet pressure 20 PSIG above set point.

High Pressure Non-Relieving Adjustable Regulator – High Capacity



Applications:

- Pounds to pounds regulator
- Ideal for multiple tank manifold installations
- Suitable for liquid or vapor service
- Used for multi tank installs feeding torches, tar heaters, flame cultivators and other industrial type services

Features and Benefits:

- UL Listed
- Balanced pintle design
- Minimal supply pressure effect
- Non relieving
- T-handle adjustment
- High Capacity
- 400 PSIG MAOP

Part #	Inlet	Outlet	Adjust. Range	Outlet Pr. Setting	Vent Location	Int. Relief Valve	Capacity BTU/Hr	Price
P38	1" NPT	1" NPT	0-10 PSIG	10 PSIG	Over inlet	No	9,000,000	
P38	1" NPT	1" NPT	0-30 PSIG	20 PSIG	Over inlet	No	9,000,000	
P38	1" NPT	1" NPT	0-60 PSIG	30 PSIG	Over inlet	No	9,000,000	
P38	1" NPT	1" NPT	0-120 PSIG	60 PSIG	Over inlet	No	9,000,000	

Cross reference: Rego 1588M

Single Stage Regulators for Portable Appliances



P912



Applications:

- Used on small portable appliances and outdoor cooking appliances like grills, portable cooking stoves, and portable heating appliances.

Features and Benefits:

- UL Listed
- 250 PSIG MAOP Rating
- Multiple springs for adjustable outlet pressures from 3" w.c. to 5 PSIG
- Internal relief with 1/8" NPT vent, SS Screen

Part #	Inlet	Outlet	Adjust. Range	Outlet Pr. Setting	Vent Location	Int. Relief Valve	Capacity BTU/Hr	Price
P912	1/4" NPT	1/4" NPT	9.25-13" w.c.	11" w.c.	Over outlet	Yes – 1/8"	220,000*	
P912	1/4" NPT	3/8" NPT	9.25-13" w.c.	11" w.c.	Over outlet	Yes – 1/8"	220,000*	

Cross reference: Fisher 912/101 & 912/122, REGO 302, LV2302A2. *Note: per section 6.8.2 (c) of NFPA-58: Single Stage Regulators shall be permitted on small portable appliances and outdoor cooking appliances with input ratings of 100,000 BTU/hr or less.

High Pressure Commercial / Industrial Regulator



P39



Applications:

- A versatile regulator designed for a range of high-pressure drop applications
- The P39 regulator is ideal for high pressure reduction, pilot gas regulation or utilized as a pressure loading regulator
- Can be used as a first cut regulator and in distribution systems

Features and Benefits:

- Brass, Stainless or Nickel Plated
- Tapped Bonnet Vent available
- Nylon, Teflon and PTFE Seats
- 30 to 500 PSIG in 6 Ranges

Part #	Inlet	Outlet	Adjust. Range	Outlet Pressure	Vent Location	Internal Relief	Capacity BTU/Hr	Price
P039-02-120-0-X-0-1-0-0	1/4"	1/4"	0-120	75	Upper Diaph. Case	No	3,800,000	

Cross reference: Fisher 1301F. Capacity based on 2000 PSIG, 10% droop

COMMERCIAL / INDUSTRIAL HIGH PRESSURE REGULATORS (POUNDS TO POUNDS)

Direct-Operated High Pressure Regulator



P627 & R627



Applications:

- Direct-operated regulator with high capacity
- Designed for high pressure commercial / industrial applications like restaurants, office buildings, factories, laundromats, etc.
- Used for first stage (tank) and second stage
- Can be used to manifold multiple tanks together

Features and Benefits:

- Available with internal relief valve and control line connections for operator/monitor
- Available with threaded bodies, flanged end connections and socket weld end connections
- Available as NACE construction
- Can be rotated in four positions for easy installation
- 250 PSIG MAOP for Non Relief, 200 PSIG for R version

Part #	Inlet	Outlet	Orifice Size	Adjust. Range	Outlet Pressure Setting	Vent Location	Int. Relief Valve	Capacity BTU/Hr	Price
P627	3/4"	3/4"	1/4"	5-20 PSIG	10 PSIG	Upper Diaph. Case	No	3,940,000	
P627	3/4"	3/4"	3/8"				No	6,133,000	
P627	3/4"	3/4"	1/2"				No	10,851,000	
R627	3/4"	3/4"	3/8"				Yes	6,133,000	
R627	1"	1"	1/2"				Yes	10,851,000	
P627	2"	2"	1/2"				No	10,851,000	
R627	2"	2"	1/2"		Yes	10,851,000			
P627	3/4"	3/4"	3/8"		20 PSIG	No	9,715,000		
P627	3/4"	3/4"	1/2"			No	11,750,000		
R627	3/4"	3/4"	3/8"			Yes	9,715,000		
R627	1"	1"	1/2"			Yes	16,197,000		

Cross reference: Fisher 627. Capacity based on Inlet Pressure 20 PSIG greater than set pressure, 20% droop.

Direct-Operated High Pressure Regulator



P630



Applications:

- Direct-operated regulator with capacity up to 14,000,000 BTU
- Designed for high pressure commercial / industrial applications like restaurants, office buildings, factories, laundromats, etc.
- Available in low pressure models
- Other orifice size and pressure ranges available

Features and Benefits:

- Available as NACE construction
- Available with 1" and 2" flanged end connections

Part #	Inlet	Outlet	Orifice Size	Adjust. Range	Outlet Pressure Setting	Vent Location	Internal Relief Valve	Capacity BTU/Hr	Price
P630	2"	2"	3/8"	8-20 PSIG	10 PSIG	Upper diaph case	N	7,250,000	
P630	2"	2"	1/2"					14,000,000	

Cross reference: Fisher 630-104/78. Capacity based on Inlet pressure 20 PSIG greater than set pressure, 20% droop.

COMMERCIAL / INDUSTRIAL HIGH PRESSURE REGULATORS (POUNDS TO POUNDS)

High Flow & High Pressure Precision Regulator



DIVAL-600-275

Applications:

- High pressure, high capacity regulator
- Designed for industrial service regulation, and all applications where accurate pressure control, ease of adjustment, and fast response are required such as for burners, industrial ovens, boilers, etc.
- Capable of operating up to 247 PSIG inlet pressure, with an outlet pressure range of 6" WC to 60 PSIG

Features and Benefits:

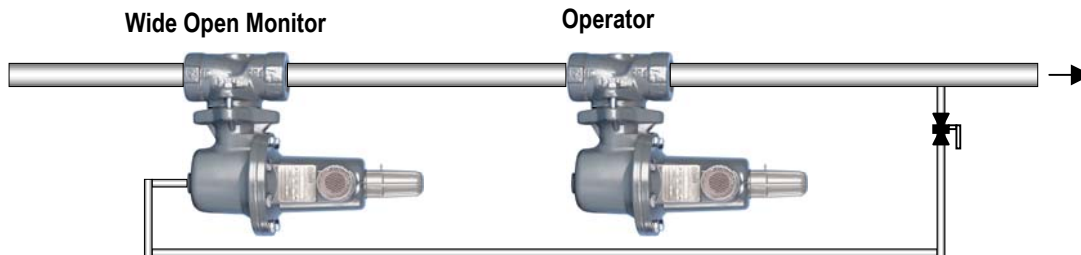
- Unique built-in pulsation dampener allows for nearly infinite flow rate turn-down
- Direct acting spring-loaded pressure regulator
- Simple spring loaded, Balanced valve design
- External sensing line
- Available in Operator/Monitor configuration or with integrated high pressure Slam Shut
- Light weight

Part #	Inlet	Outlet	Adjust. Range	Outlet Pressure Setting	Vent Location	Internal Relief Valve	Capacity* BTU/Hr	Price
DIVAL-600-275	2" ANSI 150 RF	2" ANSI 150 RF	8.5 – 14.5 PSIG	10 PSIG	Upper Diaphragm	Optional	68,000,000	
DIVAL-600-275	2" ANSI 150 RF	2" ANSI 150 RF	15.2 - 33 PSIG	20 PSIG	Upper Diaphragm	Optional	64,000,000	

Cross reference: Fisher 99. *Capacity based on inlet pressure 20 PSIG above set pressure

Operator / Monitor Regulator Sets

Operator Monitor Regulator sets provide overpressure protection for jurisdictional systems and large commercial applications. These systems consist of two regulators in series. The upstream regulator must always be of a closed-throat design with an external sensing line. The external sensing line must be connected in the downstream piping after the operator regulator. The upstream wide open "Monitor" takes control only in the event of the failure of the downstream "Operator" regulator. The advantage to this method of regulation is that it provides superior overpressure protection while still providing continuous supply of gas to the end customer.



Monitor	Connection	Orifice	Set Pressure
P627M	3/4" NPT	1/2"	15
P627M	1" NPT	1/2"	15
P627M	2" NPT	1/2"	15
DIVAL 600	2" FL	2"	12

Operator	Connection	Orifice	Set Pressure
P627	3/4" NPT	3/8"	10
P627	1" NPT	1/2"	10
P627	2" NPT	1/2"	10
DIVAL 600	2" FL	2"	12

Capacity in BTU/Hr
4,290,000
7,595,000
7,595,000
47,600,000

Capacity based on 30 PSIG Inlet, 10 PSIG outlet with 20% droop.

COMMERCIAL / INDUSTRIAL LOW PRESSURE / SECOND STAGE REGULATORS

Low Pressure Second Stage Regulator – Light Commercial



Applications:

- Second stage direct-operated regulator for low pressure and high capacity
 - Typically used in light commercial and industrial applications like restaurants and laundromats, and for small to medium size furnaces and boilers
- A wider range of spring ranges and orifices are available; please contact us for further assistance

Features and Benefits:

- Rugged Cast iron Body with Aluminum Diaphragm Case
- Large Vent with Stainless Steel Bug Screen
- Rotateable Diaphragm Case
- Large Internal Relief Valve
- Removable orifice
- True Bubble Tight Lock-up

B42-R, B31-R

Part #	Inlet	Outlet	Orifice Size	Adjust. Range	Outlet Pressure Setting	Vent Location	Internal Relief Valve	Capacity BTU/Hr	Price
B42-R	1/2"	1/2"	1/4"	8 – 14" w.c.	11" w.c.	Over Inlet	Yes – 3/4"	1,331,000	
B42-R	3/4"	3/4"	5/16"	8 – 14" w.c.	11" w.c.	Over Inlet	Yes – 3/4"	1,713,000	
B42-R	1"	1"	3/8"	8 – 14" w.c.	11" w.c.	Over Inlet	Yes – 3/4"	1,923,000	
B42-R	1-1/4"	1-1/4"	3/8"	8 – 14" w.c.	11" w.c.	Over Inlet	Yes – 3/4"	1,923,000	
B31-R	3/4"	3/4"	3/8"	8 - 12" w.c.	11" w.c.	Over Inlet	Yes – 3/4"	3,305,000	
B31-R	1"	1"	3/8"	8 - 12" w.c.	11" w.c.	Over Inlet	Yes – 3/4"	3,305,000	
B31-R	1-1/4"	1-1/4"	3/8"	8 - 12" w.c.	11" w.c.	Over Inlet	Yes – 3/4"	3,305,000	

Cross reference: B42R = Fisher HSR / REGO , B31R = Fisher S102. Capacity based on 10 PSIG inlet, 11" w.c. outlet, 2" w.c. droop

Low Pressure Second Stage Regulator – Intermediate Commercial



B34-SR, B34-R

Part #	Inlet	Outlet	Orifice Size	Adjust. Range	Outlet Pressure Setting	Vent Location	Internal Relief Valve	Capacity BTU/Hr	Price
B34-SR	1-1/4"	1-1/4"	3/8" x 1/2"	8 – 12" w.c.	11" w.c.	Over Inlet	Yes – 3/4"	5,019,000	
B34-SR	1-1/2"	1-1/2"	3/8" x 1/2"	8 – 12" w.c.	11" w.c.	Over Inlet	Yes – 3/4"	5,019,000	
B34-SR	2"	2"	3/8" x 1/2"	8 – 12" w.c.	11" w.c.	Over Inlet	Yes – 3/4"	5,019,000	
B34-R	1-1/4"	1-1/4"	1/2"	6.5 – 13.5" w.c.	11" w.c.	Over Inlet	Yes – 1"	6,683,000	
B34-R	1-1/2"	1-1/2"	1/2"	6.5 – 13.5" w.c.	11" w.c.	Over Inlet	Yes – 1"	6,683,000	
B34-R	2"	2"	1/2"	6.5 – 13.5" w.c.	11" w.c.	Over Inlet	Yes – 1"	6,683,000	
B-38R	2"	2"	3/4"	6.5 – 13.5" w.c.	11" w.c.	Over Inlet	Yes – 2.5"	9,937,000	
B-38R	2"	2"	1"	6.5 – 13.5" w.c.	11" w.c.	Over Inlet	Yes – 2.5"	14,706,000	

Cross Ref: B34SR = Fisher S302, B34R = Fisher S202, B38R = Fisher CB800 or REGO LV6503, Capacity based on 10 PSIG inlet, 11" w.c. outlet, 2" w.c. droop

COMMERCIAL / INDUSTRIAL LOW PRESSURE / SECOND STAGE REGULATORS

Large Commercial and Industrial Regulator



Applications:

- Appropriate for commercial and industrial applications such as burner and large appliance regulation where fast response is required
- Large sized Commercial Applications

Features and Benefits:

- Unique built-in pulsation dampener allows for nearly infinite flow rate turn-down
- Direct acting spring-loaded pressure regulator
- Simple spring loaded balanced valve Design
- External sensing Line
- Available in Operator/Monitor Configuration or with integrated high pressure Slam Shut

DIVAL 600-275

Part #	Inlet	Outlet	Adjust. Range	Outlet Pressure Setting	Vent Location	Internal Relief Valve	Capacity BTU/Hr	Price
DIVAL 600-275-Orange	2" ANSI 150 RF	2" ANSI 150 RF	6-12" w.c.	11" w.c.	Upper Diaphragm	Optional		
DIVAL 600-275-Red	2" ANSI 150 RF	2" ANSI 150 RF	10-19.5" w.c.	14" w.c.	Upper Diaphragm	Optional		
DIVAL 600-275-Green	2" ANSI 150 RF	2" ANSI 150 RF	0.9 – 1.7 PSIG	1 PSIG	Upper Diaphragm	Optional		
DIVAL 600-275-Blue	2" ANSI 150 RF	2" ANSI 150 RF	1.4 – 2.4 PSIG	2 PSIG	Upper Diaphragm	Optional		
DIVAL 600-275-Brown	2" ANSI 150 RF	2" ANSI 150 RF	3.3 – 5.1 PSIG	5 PSIG	Upper Diaphragm	Optional		

Cross reference: Fisher 133H or 133L, Fisher 99 for some select applications

RELIEF VALVES

Vapor Relief Valves



Applications:

- Designed for installation after second stage regulators to add relief for over-pressure protection
- Protects downstream piping by relieving gas to atmosphere in case of regulator failure

Features and Benefits:

- Variety of adjustment ranges
- Stainless steel vent protector
- Test port
- Made in U.S.A.

P289



Part #	Inlet	Outlet	Adjust. Range	Point of Relief	Propane Relief Capacity		Price
					Capacity SCFH Propane	PSIG build up above set point	
P289-08-004-000-0-0-0	1"	1"	1-4.5 PSIG	1.5 PSIG	6,280	0.5	
P289-08-015-000-0-0-0	1"	1"	4 – 15 PSIG	10 PSIG	18,840	5	
P289-08-020-000-0-0-0	1"	1"	10 - 20 PSIG	15 PSIG	20,400	5	
P289-08-050-000-0-0-0	1"	1"	15 - 50 PSIG	30 PSIG	28,000	10	
P289-16-002-00-1-0-0-1	2"	2"	0.5 – 2.25 PSIG	1 PSIG	12,500	1 PSIG	

Cross reference: Fisher 289H/2, 289H/43, 289H/49, Capacity based on build up above point of relief.