

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_

Job Location \_\_\_\_\_

Approval \_\_\_\_\_

Engineer \_\_\_\_\_

Contactor's P.O. No. \_\_\_\_\_

Approval \_\_\_\_\_

Representative \_\_\_\_\_

# PF400 2 PSIG

## Line Gas Pressure Regulators Sizes 3/8" — 1/2" NPT

Pietro Fiorentini's **PF400** line of gas regulators are designed to comply with the latest CSA and international standards for regulators suitable for indoor and outdoor installations with no modifications.

The PF400 family of regulators are ideal for a wide range of applications. The materials and soft parts used in the construction of the PF400 regulators make them suitable for use with natural gas, LPG, propane, air and other non-corrosive gases.

All PF400 regulators can achieve high outlet pressure accuracy regardless of Inlet pressure variation. The external vent limiter reduces piping costs and the need for costly vent piping for indoor installations and complies with CSA guidelines.\*\*

**The following features and specifications give you safe, reliable and high performance.**

### SPECIFICATIONS

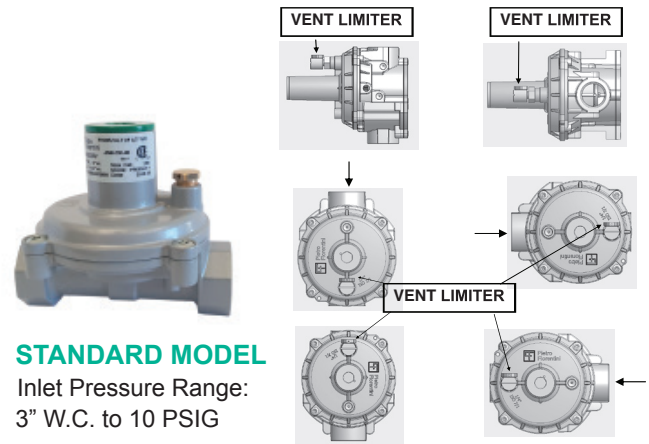
- Internal vent limiter: non removable, for indoor and outdoor installations in any position.
- The PF400 is CSA Certified external vent limiter option for indoor installations.\*\* Can be installed in multiple positions.
- The PF400 incorporates a Nitrile molded diaphragm for added safety and greater reliability of service.
- The PF400 incorporates a lever operated valve design gives you for increase capacity, high turndown and stable regulation from low to high flows.
- The PF400 incorporates a Nitrile valve and a machined orifice that provides complete lockup in absence of gas low, 100% bubble tight shutoff.
- Approved ANSI Z21.80A-2012 / CSA 6.22A-2012 (R2016) Class I for outlet pressures from 2" W.C. to 14" W.C. certified.
- ANSI Z21.18B-2012 / CSA 6.3B-2012 (R2017) for inlet pressure up to 5 PSIG certified.
- PF 400 has a built-in inlet filter
- Temperature Range: -40°F to 150°F
- Max. Inlet Pressure: CSA rated — 2 PSIG  
Non-CSA — 10 PSIG
- Maximum Emergency Inlet Exposure Pressure: 80 PSIG
- Suitable for Indoor or Outdoor Installation\*\*\*
- Connections: 3/8" & 1/2"
- Suitable for use with natural gas, LPG, propane, air and other non-corrosive gases
- 1/8" NPT Vent connection

### MATERIALS

- Body & Cover: Aluminum Alloy
- External Coatings: Polyurethane paint upon request
- Diaphragm, O Rings & Valve: Nitrile Rubber
- Diaphragm Pan: Aluminized Steel

### OUTLET SPRING RANGE

- Red 2.5" W.C. to 7" W.C.\*
- Black 7" W.C. to 10" W.C.\*
- Yellow 10" W.C. to 14" W.C.\*
- Violet 1.65 PSIG to 2 PSIG

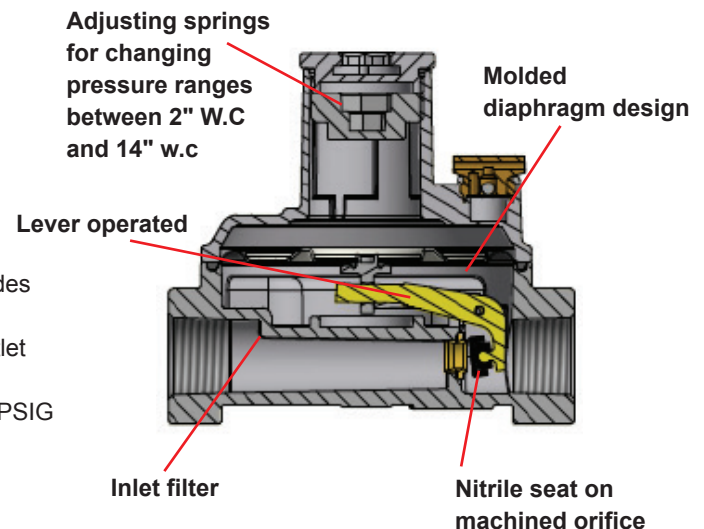


#### STANDARD MODEL

Inlet Pressure Range:  
3" W.C. to 10 PSIG

**Note: Multi-vent limiter position approved but flat top must face up.**

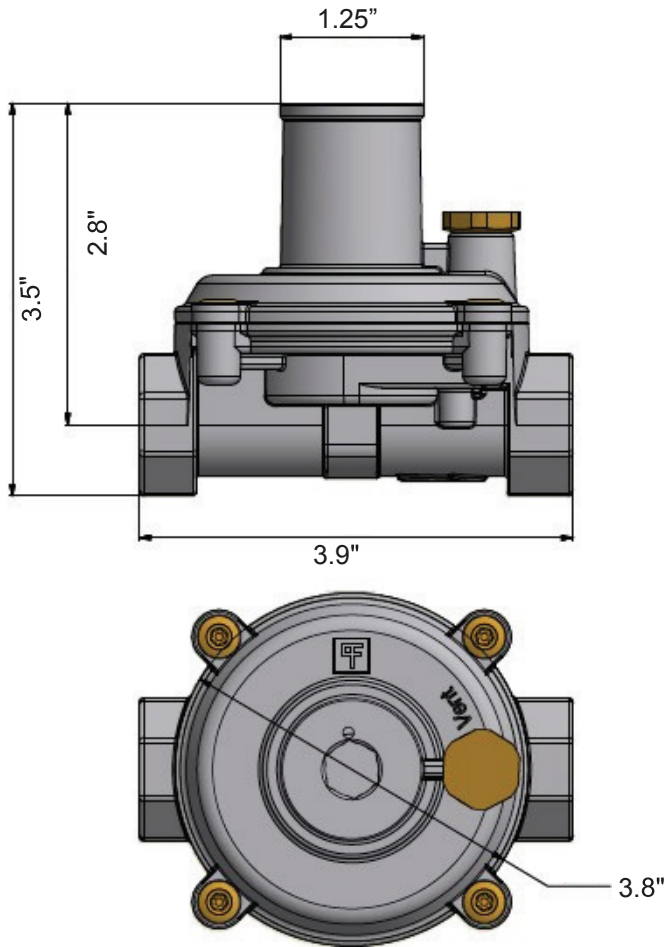
### BASIC DESIGN FEATURE



# GOVERNOR STANDARD MODEL

CAPACITY FOR MULTI-APPLIANCE SERVICE (SCF/H)							
Model #	Outlet Pressure Set Point	Operating Inlet Pressure					
		1/2 PSIG	3/4 PSIG	1 PSIG	1 1/2 PSIG	2 PSIG	10 PSIG
PF400 1/2"	2.5" W.C.	160	225	300	350	400	400
	7" W.C.	145	200	275	350	400	400
	10" W.C.	110	200	275	350	400	400
	14" W.C.	/	175	250	325	400	400
PF400 3/8"	2.5" W.C.	160	180	200	225	250	250
	7" W.C.	145	180	200	225	250	250
	10" W.C.	110	180	250	275	300	300
	14" W.C.	/	160	200	250	300	300

Note: Single appliance max capacity 140 SCF/H. The flow rate is the same, with or without the filter.



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