



GOVERNOR

Line Pressure Regulators



**Pietro
Fiorentini®**

GOVERNOR

Line Pressure Regulators

Introduction

Pietro Fiorentini's GOVERNOR 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.

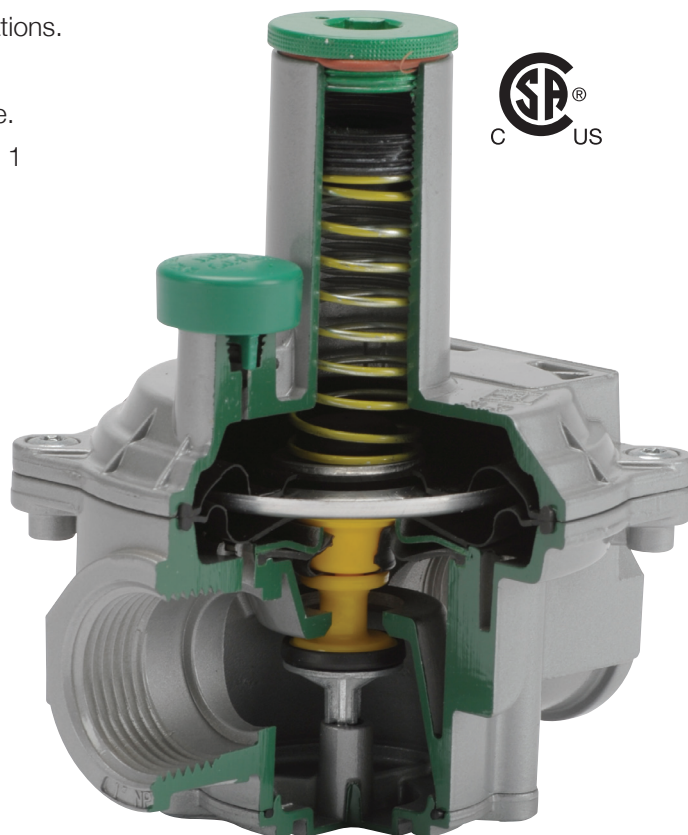
The GOVERNOR family of regulators are ideal for a wide range of residential through large industrial applications. The materials and soft parts used in the construction of the GOVERNOR regulators make them suitable for use with natural gas, LPG, Propane air and all other non-corrosive gases.

All the GOVERNOR regulators are equipped with balanced valve design for high outlet pressure accuracy regardless of any Inlet pressure variation. The double diaphragm and integral vent limiter provides added security in case of primary diaphragm failure. The external vent limiter eliminates the need for costly piping for indoor installations and complies with CSA guidelines.* The number of regulator options sometimes eliminates the need for separate units and significantly reduces installation costs.

Safe, Reliable and High Performance

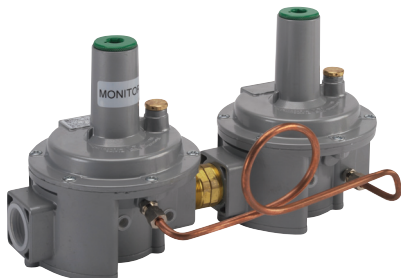
- Internal vent limiter: non removable, for indoor and outdoor installations.
- External vent limiter for indoor installations.*
- Double diaphragm for added safety and greater reliability of service.
- Balanced valve design gives you for increase capacity, high 500 to 1 turndown and stable regulation from low to high flow.
- Complete lockup in absence of gas flow, bubble tight shutoff.

*As Approved by Local Codes and Standards



SINGLE MODEL

Inlet Pressure Range: 3" W.C. to 2 PSIG

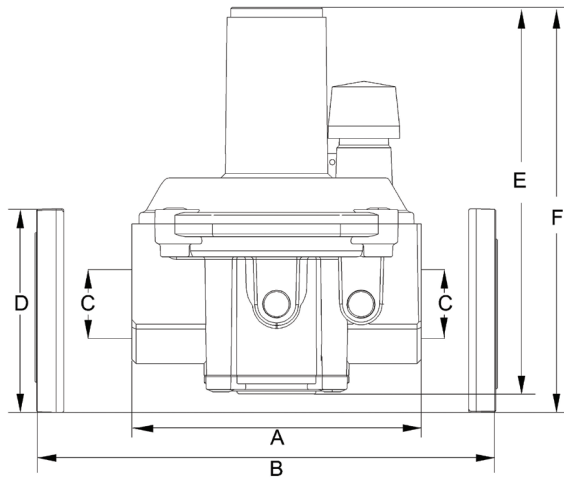


OVER PRESSURE DEVICE (OPD) MODEL

Inlet Pressure Range: 3" W.C. to 5 PSIG

GOVERNOR

Standard Model - Dimension

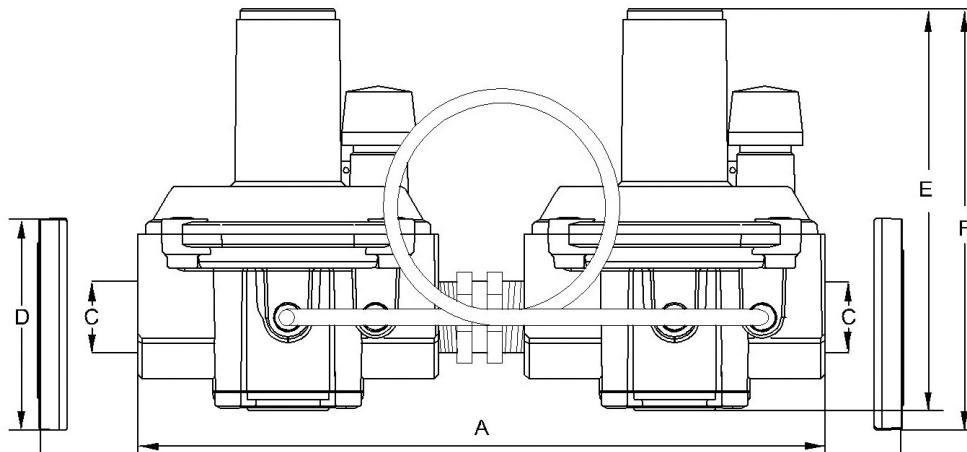


DIMENSIONS (IN INCHES)

Model #	Size	A	B	C	D	E	F	Weight (Lbs)
30051	1/2" NPT	4.12 4.45 w/Filter	-	1/2	-	5.59	-	1.54
30052	3/4" NPT	4 4.29 w/Filter	-	3/4	-	5.59	-	1.54
30053	1" NPT	4 4.29 w/Filter	-	1	-	5.59	-	1.54
30150	1/2" NPT	5.43	-	1/2	-	6.89	-	2.75
30151	3/4" NPT	5.28	-	3/4	-	6.89	-	2.75
30152	1" NPT	5.28	-	1	-	6.89	-	2.75
30153	1 1/4" NPT	7.64	-	1 1/4	-	10	-	7.5
30154	1 1/2" NPT	7.64	-	1 1/2	-	10	-	7.5
30155	2" NPT	9.29	-	2	-	12.44	13.74	12.34
30157/F	3" FLANGED	-	16.9	3	ANSI 150	-	17.09	27.56
30158/F	4" FLANGED	-	16.9	4	ANSI 150	-	19.76	27.56

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Over Pressure Device (OPD) Model - Dimension



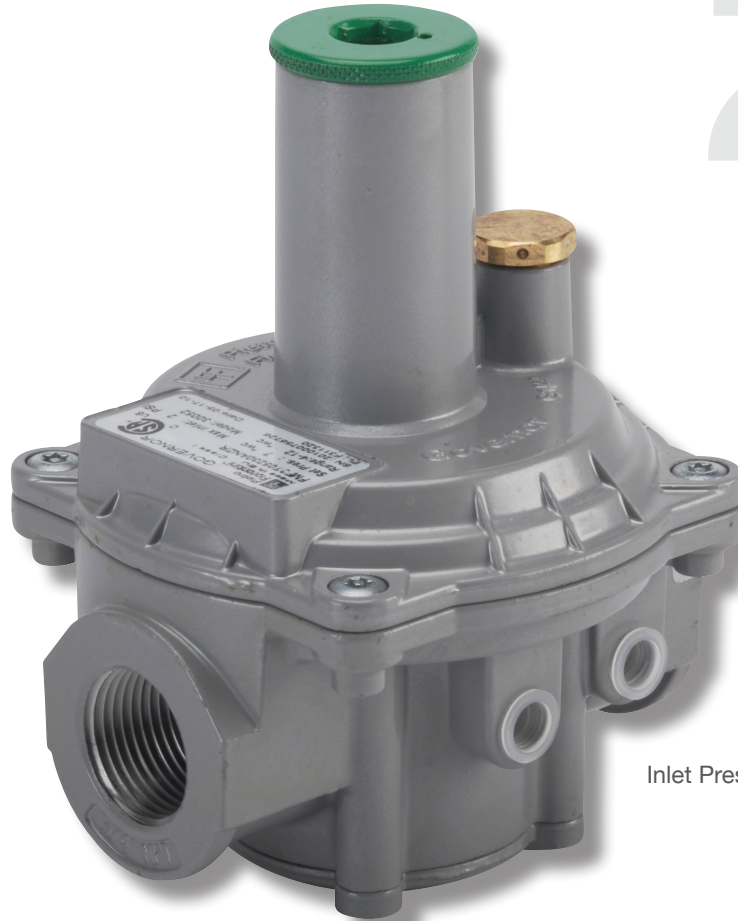
DIMENSIONS (IN INCHES)

Model #	Size	A	B	C	D	E	F	Weight (Lbs)
30051	1/2" NPT	8.86	-	1/2	-	5.59	-	3.25
30052	3/4" NPT	8.86	-	3/4	-	5.59	-	3.25
30053	1" NPT	8.86	-	1	-	5.59	-	3.25
30150	1/2" NPT	11.22	-	1/2	-	6.89	-	5.75
30151	3/4" NPT	11.22	-	3/4	-	6.89	-	5.75
30152	1" NPT	11.22	-	1	-	6.89	-	5.75
30153	1 1/4" NPT	16.61	-	1 1/4	-	10	-	15.5
30154	1 1/2" NPT	16.61	-	1 1/2	-	10	-	15.5
30155	2" NPT	19.88	-	2	-	12.44	13.74	25
30157/F	3" FLANGED	-	33.93	3	ANSI 150	-	17.09	56
30158/F	4" FLANGED	-	33.93	4	ANSI 150	-	19.76	56

GOVERNOR Standard Model



2 PSIG



STANDARD MODEL
Inlet Pressure Range: 3" W.C. to 2 PSIG

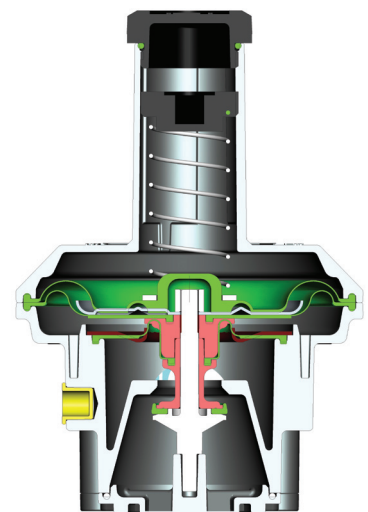
Main Features

- CSA 6.22a-2005 ANSI Z21.80A2005 Class I for outlet pressures up to 14" W.C. Certified
- Integral Vent Limiter
- External Vent Limiter — no vent line required*
- Positive dead-end lockup
- Inlet and Outlet test ports
- 500 to 1 Turndown
- Minimum ΔP – 1" W.C.

Specifications

- Suitable for use with Natural Gas, LPG, and any non corrosive clean gas
- Inlet Pressure: 3" W.C. to 2 PSIG
- Max. Inlet 7.25 PSIG for non-CSA applications
- Outlet pressure: 2" W.C. to 14" W.C.
- Temperature range: -40F to 150F
- Connections: 1/2" thru 4"
- Maximum Emergency Inlet Exposure Pressure: 80 PSIG
- Suitable for Indoor or Outdoor Installation

*As Approved by Local Codes and Standards



Standard Outlet Spring Range

- Green 2" W.C. to 5.1" W.C.
- Red 2.75" W.C. to 7.87" W.C.
- White 4" W.C. to 11.8" W.C.
- Black 6" W.C. to 14" W.C.

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Line Pressure Regulators

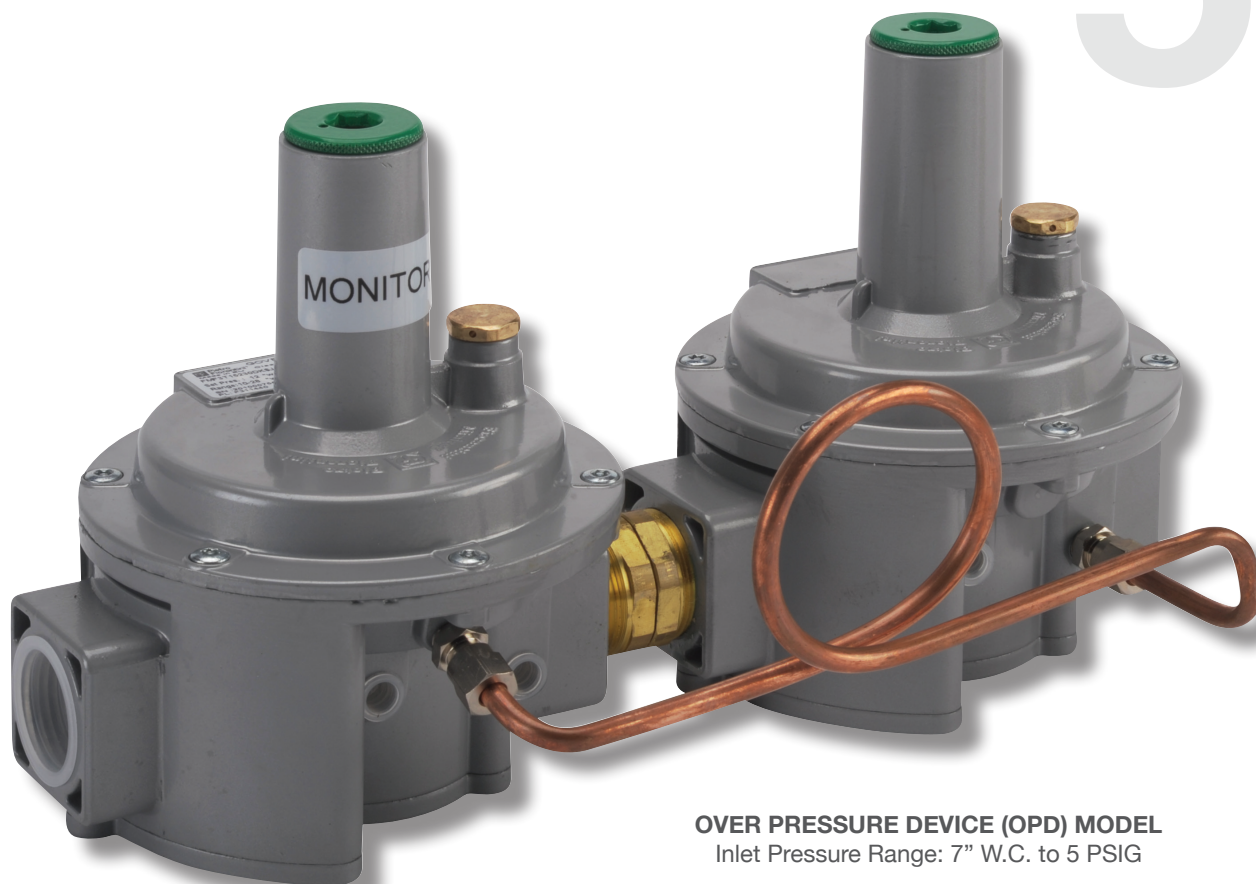
GOVERNOR CAPACITY IN CFH FOR .60 SPECIFIC GRAVITY GAS

	Outlet Pressure Set Point		Operating Inlet Pressure	
		14" W.C.	1 PSIG	2 PSIG
30051 1/2"	8" W.C.	386	635	928
	11" W.C.	297	628	928
30052 3/4"	8" W.C.	386	848	1,155
	11" W.C.	297	778	1,155
30053 1"	8" W.C.	386	1,059	1,501
	11" W.C.	297	974	1,501
30150 1/2" High Capacity	8" W.C.	891	1,695	2,205
	11" W.C.	656	1,471	2,205
30151 3/4" High Capacity	8" W.C.	1,125	2,084	2,785
	11" W.C.	829	1,858	2,785
30152 1" High Capacity	8" W.C.	1,337	2,437	3,308
	11" W.C.	985	2,206	3,308
30153 1 1/4"	8" W.C.	3,189	5,297	7,891
	11" W.C.	2,349	5,264	7,891
30154 1 1/2"	8" W.C.	3,330	5,650	8,240
	11" W.C.	2,453	5,496	8,240
30155 2"	8" W.C.	6,097	10,947	15,087
	11" W.C.	4,491	10,064	15,087
30157/F 3"	8" W.C.	9,676	16,810	23,202
	11" W.C.	7,451	15,715	23,202
30158/F 4"	8" W.C.	16,951	29,452	40,612
	11" W.C.	13,066	27,545	40,612

GOVERNOR Over Pressure Device (OPD) Model



5 PSIG



OVER PRESSURE DEVICE (OPD) MODEL
Inlet Pressure Range: 7" W.C. to 5 PSIG

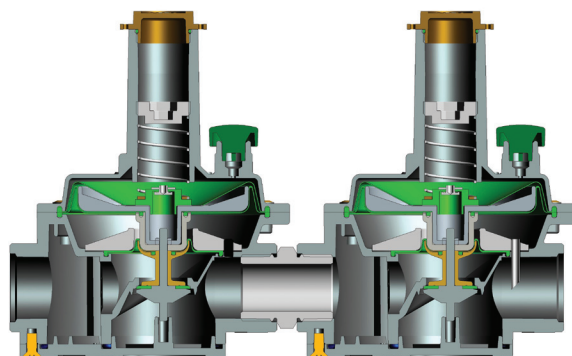
Main Features

- CSA Certified to ANSI Z21.80A2005
- CSA 6.22a-2005 Class I for outlet pressures up to 14" W.C.
- CSA 6.22a-2005 Class II for outlet pressures up to 1 PSIG
- Integral Vent Limiter
- External Vent Limiter – no vent line required*
- Positive dead-end lockup
- Inlet and Outlet test ports
- 500 to 1 Turndown

Specifications

- Suitable for use with Natural Gas, LPG, and any non corrosive clean gas
- Inlet Pressure: 7" W.C. to 5 PSIG
- Max. Inlet 7.25 PSIG for non-CSA applications
- Temperature range: -40F to 150F
- Connections: 1/2" thru 2"
- Maximum Emergency Inlet Exposure Pressure: 80 PSIG
- Suitable for Indoor or Outdoor Installation

*As Approved by Local Codes and Standards



OPD Outlet Spring Range

- Green 2" W.C. to 5.1" W.C.
- Red 2.75" W.C. to 7.87" W.C.
- White 4" W.C. to 11.8" W.C.
- Black 6" W.C. to 14" W.C.
- Yellow 9.8" W.C. to 1 PSIG

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Over Pressure Device (OPD) Model

GOVERNOR LINE PRESSURE REGULATOR WITH OVER PRESSURE DEVICE (OPD) CAPACITY IN CFH FOR .60 SPECIFIC GRAVITY GAS

	Outlet Pressure Set Point	Operating Inlet Pressure		
		1 PSIG	2 PSIG	5 PSIG
30051DC ½"	8" W.C.	635	928	928
	11" W.C.	628	928	928
	14" W.C.	558	928	928
	Outlet Pressure Set Point	Operating Inlet Pressure		
30052 DC ¾"	8" W.C.	848	1,115	1,115
	11" W.C.	778	1,115	1,115
	14" W.C.	698	1,115	1,115
	Outlet Pressure Set Point	Operating Inlet Pressure		
30053DC 1"	8" W.C.	1,059	1,501	1,501
	11" W.C.	974	1,501	1,501
	14" W.C.	906	1,501	1,501
	Outlet Pressure Set Point	Operating Inlet Pressure		
30150DC ½" High Capacity	8" W.C.	1,695	2,205	2,205
	11" W.C.	1,471	2,205	2,205
	14" W.C.	1,325	2,205	2,205
	Outlet Pressure Set Point	Operating Inlet Pressure		
30151DC ¾" High Capacity	8" W.C.	2,084	2,785	2,785
	11" W.C.	1,858	2,785	2,785
	14" W.C.	1,674	2,785	2,785
	Outlet Pressure Set Point	Operating Inlet Pressure		
30152DC 1" High Capacity	8" W.C.	2,437	3,308	3,308
	11" W.C.	2,206	3,308	3,308
	14" W.C.	1,988	3,308	3,308
	Outlet Pressure Set Point	Operating Inlet Pressure		
30153DC 1 ¼"	8" W.C.	5,297	7,891	7,891
	11" W.C.	5,264	7,891	7,891
	14" W.C.	4,743	7,891	7,891
	Outlet Pressure Set Point	Operating Inlet Pressure		
30154DC 1 ½"	8" W.C.	5,650	8,240	8,240
	11" W.C.	5,496	8,240	8,240
	14" W.C.	4,952	8,240	8,240
	Outlet Pressure Set Point	Operating Inlet Pressure		
30155DC 2"	8" W.C.	19,947	15,087	15,087
	11" W.C.	10,064	15,087	15,087
	14" W.C.	9,068	15,087	15,087
	Outlet Pressure Set Point	Operating Inlet Pressure		
30157DC 3"	8" W.C.	16,810	23,202	23,202
	11" W.C.	15,715	23,202	23,202
	14" W.C.	13,768	23,202	23,202
	Outlet Pressure Set Point	Operating Inlet Pressure		
30158DC 4"	8" W.C.	29, 452	40,612	40, 612
	11" W.C.	27, 545	40,612	40, 612
	14" W.C.	24, 094	40,612	40,612

Residential and Commercial Applications



DIVAL 500



DIVAL 600



NORVAL



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