

Governors

Pietro Fiorentini's **Governors** line of gas regulators are designed to comply with the latest CSA and international standards. They are suitable for indoor and outdoor installations with no modifications. The **Governors** family of regulators are ideal for a wide range of residential through large industrial applications. The materials and soft parts make them suitable for use with natural gas, LPG, Propane air and other non-corrosive gases. The Governors are **Hydrogen Ready** for NG-H2 blending.



Medium/small industry



Commercial users



Residential users

Features	Values
Design pressure*	up to 0.1 MPa up to 14.5 psig
Ambient temperature*	from -40 °C to +60 °C from -40 °F to +140 °F
Inlet pressure range bpu (MAOP)	<ul style="list-style-type: none"> from Wd+0.75 KPa to 14 KPa STD version for CSA certified applications, otherwise up to 50 KPa from Wd+3"w.c. to 2 psig STD version for CSA certified applications, otherwise up to 7.25 psig from Wd+1.7 KPa to 68.9 KPa Dual Cut (DC) version or OPD from Wd+7"w.c. to 10 psig Dual Cut (DC) version or OPD
Range of downstream pressure Wd	from 1.7 KPa to 3.5 KPa and up to 29.3 KPa non-CSA application from 2"w.c. to 14"w.c. and up to 4.25 psig non-CSA application
Available Accessories	In-built filter, vent limiter
Minimum differential pressure	from 0.75 KPa for STD version and 17.2 KPa for DC/OPD version from 3"w.c. for STD version and 2.5 psig for DC/OPD version
Accuracy class AC	up to 15
Lock-up pressure class SG	up to 30, minimum 0.75 KPa 3 "w.c.
Nominal dimensions DN	DN 15 1/2"; DN 20 3/4"; DN 25 1"; DN 32 1-1/4"; DN 40 1-1/2"; DN 50 2"; DN 65 2-1/2"; DN 80 3"; DN 100 4"
Connections*	from 1/2" to 2" NPT according to ANSI B1.20.1 from 2-1/2" to 4" flanged class 150 RF according to ASME B16.5

(* Note: Different functional features and/or extended temperature ranges available on request. Stated temperature ranges are the maximum for which the equipment's full performance, including accuracy, are fulfilled. Standard product may have a narrower range.

Table 1 Features

Materials and Approvals

Part	Material
Body	Aluminum
Cover	Aluminum
Diaphragm	Nitrile rubber
Sealing ring	Nitrile

NOTE: The materials indicated above refer to the standard models. Different materials can be provided according to specific needs.

Table 2 Materials

The **Governors** regulators are designed and certified according to ANSI Z21.80 / CSA 6.22 and ANSI Z21.18 / CSA 6.3B standards.

The regulators react in opening (Fail Open) according to EN 334.

Leakage class: bubble tight, better than VIII according to ANSI/FCI 70-3.



ANSI Z21.80



CSA 6.22



ANSI Z21.18



CSA 6.3B

Governors competitive advantages



Balanced type



1:500 High turn-down ratio



Operates with low differential pressure



Easy maintenance



High accuracy



2.5 scfh Vent limiter option



Fail Open plug and seat regulator



Biomethane compatible and 20% Hydrogen blending compatible. Higher blending available on request



In-built filter