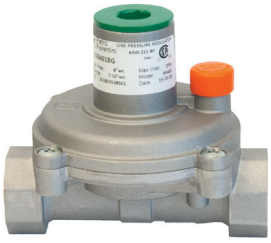
Pietro Fiorentini

PF 400

Pietro Fiorentini's **PF400** 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 **PF400** 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 PF 400 is **Hydrogen Ready** for NG-H2 blending.



Gas engines | Commercial users | Residential users

Features	Values
Design pressure*	up to 0.45 MPa up to 65 psig
Ambient temperature*	from -40 °C to +60 °C from -40 °F to +140 °F
Inlet gas temperature range*	from -20 °C to +60 °C from -4 °F to +140 °F
Inlet pressure range bpu (MAOP)	• from 3.4 KPa to 13.8 KPa STD version for CSA certified applications, otherwise up to 68.9 KPa from 0.5 psig to 2 psig STD version for CSA certified applications, otherwise up to 10 psig • from 13.8 KPa to 68.9 KPa Dual Cut (DC) version for CSA certified applications, otherwise up to 103,4 KPa from 2 psig to 10 psig Dual Cut (DC) version for CSA certified applications, otherwise up to 15 psig
Range of downstream pressure Wd	• from 0.6 KPa to 3.5 KPa for CSA Class I. from 3.5 KPa to 13.8 KPa for non CSA versions. • from 2.5" w.c. to 0.5 PSIG for CSA Class I. from 0.5 PSIG to 2 PSIG for non CSA versions.
Available Accessories	In-built strainer, vent limiter
Minimum differential pressure	from 0.75 KPa for STD version and from 1.25 KPa for DC version from 3"w.c. for STD version and from 5"w.c for DC version
Accuracy class AC	up to 15
Lock-up pressure class SG	up to 30
Nominal dimensions DN	DN 10 | 3/8" ; DN 15 | 1/2"
Connections*	NPT according to ANSI B1.20.1

(*) 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

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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 **PF 400** regulator is designed and certified according to ANSI Z21.80 / CSA 6.22 and ANSI Z21.18 / CSA 6.3B standards.
The regulator reacts 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

PF 400 competitive advantages

- High accuracy
- Fail Open plug and seat regulator
- In-built strainer
- Easy maintenance
- Vent limiter option
- Biomethane compatible and 20% Hydrogen blending compatible. Higher blending available on request

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