It might be a small world, but there is a lot of room for thinking big. We are a company based in 84 countries with 11 production plants.
Gas Pressure Regulators
Control Valves
Safety Devices
Valves and Actuators
Gas Treatment
Gas Metering
Smart Gas Grid
Stations
Services
Gas Pressure Regulators

Pilot Operated Pressure Regulators

**Reflux 819**

Pilot-operated “fail close” regulator

- Design pressure: up to 102 bar (1479 Psig)
- Inlet pressure range: 0,8 to 102 bar (11,6 to 1479 Psig)
- Outlet pressure range: 0,3 to 74 bar (5 to 1073 Psig)
- Design temperature range: -20°C to + 60°C (-4° to + 140°F)
- Ambient temperature range: -40°C to + 60°C (-40° to + 140°F)
- Accuracy class AC: up to 1
- Lock-up pressure class SG: up to 5
- Available sizes DN: 1" - 2" - 3" - 4" - 6" - 8" - 10"
- Flanging: class 150-300-600 RF or RTJ and PN16

**Modular Accessories:**
- Incorporated slam shut valve (SB/82 or HB/97).
- Incorporated silencer (DB/819).
- In line monitor function (PM/819).

**Reflux 819/FO**

Pilot-operated “fail open” regulator

- Design pressure: up to 102 bar (1479 Psig)
- Inlet pressure range: 3 to 102 bar (43 to 1479 Psig)
- Outlet pressure range: 1 to 74 bar (14,5 to 1073 Psig)
- Design temperature range: -20°C to + 60°C (-4° to + 140°F)
- Ambient temperature range: -40°C to + 60°C (-40° to + 140°F)
- Accuracy class AC: up to 1
- Lock-up pressure class SG: up to 5
- Available sizes DN: 1" - 2" - 3" - 4" - 6" - 8" - 10"
- Flanging: class 150-300-600 RF or RTJ and PN16

**Modular Accessories:**
- Incorporated slam shut valve (SB/82 or HB/97).
- Incorporated silencer (DB/819).
- In line monitor function (PM/819).
Aperflux 851 / 101
Pilot-operated “fail open” regulator

Design pressure: up to 102 bar (1479 Psig)
Inlet pressure range: 1.3 to 85 bar (18.8 to 1230 Psig)
Outlet pressure range: 0.8 to 74 bar (12 to 1073 Psig)
Design temperature range: -20°C to + 60°C (-4° to + 140°F)
Ambient temperature range: -40°C to + 60°C (-40° to + 140°F)
Accuracy class AC: up to 1
Lock-up pressure class SG: up to 5
Available sizes DN: 1”, 2”, 3”, 4”, 6”, 8”, 10”
Flanging: class 150-300-600 RF or RTJ and PN16

Modular Accessories:
- Incorporated slam shut valve (SB/82 or HB/97).
- Incorporated silencer (DB/851).
- In line monitor function (PM/819).

Dixi/AP
Pilot-operated “fail close” regulator

Design pressure: up to 85 bar (1232 Psig)
Inlet pressure range: 1.5 to 85 bar (21.75 to 841 Psig)
Outlet pressure range: 0.5 to 25 bar (7.25 to 362 Psig)
Design temperature range: -20°C to + 60°C (-4° to + 140°F)
Ambient temperature range: -40°C to + 60°C (-40° to + 140°F)
Accuracy class: AC: up to 1
Lock-up pressure class SG: up to 5
Available size DN: 1”
Flanging: class 300-600 RF or RTJ and PN 16-25-40

Modular Accessories:
- Incorporated slam shut valve (SB/87).
Pilot Operated Pressure Regulators

**DIXI**

Pilot-operated “fail close” regulator

Design pressure: up to 18.9 bar (275 Psig)

Inlet pressure range: 0.5 to 18.9 bar (7.25 to 275 Psig)

Outlet pressure range: 6 to 6000 mbar (2.4" w.c. to 87 Psig)

Design temperature range: -20 °C to + 60 °C (-4° to + 140 °F)

Ambient temperature range: -40 °C to + 60 °C (-40° to + 140°F)

Accuracy class AC: up to 2.5

Lock-up pressure class SG: 10

Available sizes DN: 1" - 1"1/2 - 1"1/4

Flanging: class 150 RF and PN16

Modular Accessories:
- Incorporated slam shut valve (LA).

**Reval 182**

Pilot-operated “fail close” regulator

Design pressure: up to 25 bar (362.5 Psig)

Inlet pressure range: 0.15 to 25 bar (2.2 to 362.5 Psig)

Outlet pressure range: 7 mbar to 12 bar (2.8"w.c. to 174 Psig)

Design temperature range: -20°C to + 60°C (-4° to + 140°F)

Ambient temperature range: -40°C to + 60°C (-40° to + 140°F)

Accuracy class AC: up to 2.5

Lock-up pressure class SG: 10

Available sizes DN: 1" - 2" - 2"1/2 - 3" - 4" - 6" - 8" - 10"

Flanging: class 150 RF or RTJ and PN16/25/40

Modular Accessories:
- Incorporated slam shut valve (SB/82 or SA type).
- Incorporated silencer (DB/182).
- In line monitor function (PM/819).

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The following symbols indicate the application area suggested for each product.
Terval
Pilot-operated regulator with three in one functions: main regulator, monitor, slam-shut

TERVAL/A “fail open” main regulator Aperval + Reval monitor “fail close”
TERVAL/R “fail close” main regulator Reval + Reval monitor “fail close”

Design pressure: up to 25 bar (362 Psig)
Inlet pressure range: 0,5 to 25 bar (7.25 to 362 Psig)
Outlet pressure range: 5 mbar to 9500 mbar (2”w.c. to 137.5 Psig)
Design temperature range: -20°C to + 60°C (+4° to + 140°F)
Ambient temperature range: -40 °C to +60 °C (-40° to + 140°F)
Accuracy class AC: up to 2,5
Lock-up pressure class SG: up to 5
Available sizes DN: 1” -2” -2”1/2 -3” -4”
Flanging: class 150 RF and PN16

Modular Accessories:
- Incorporated silencer (DB)

Aperval
Pilot-operated “fail open” regulator

Design pressure: up to 25 bar (362 Psig)
Inlet pressure range: 0,5 to 25 bar (7.25 to 362 Psig)
Outlet pressure range: 5 mbar to 9500 mbar (2”w.c. to 137.5 Psig)
Design temperature range: -20°C to + 60°C (+4° to + 140°F)
Ambient temperature range: -40 °C to +60 °C (-40° to + 140°F)
Accuracy class AC: up to 2,5
Lock-up pressure class SG: up to 5
Available sizes DN: 1” -2” -2”1/2 -3” -4”
Flanging: class 150 RF or RTJ and PN25/40

Modular Accessories:
- Incorporated slam shut valve (SA).
- Incorporated silencer (DB/182).
- In line monitor function (PM/182).
**Norval**

**Spring loaded regulator**

- Design pressure: up to 18.9 bar (275 Psig)
- Outlet pressure range: 8 to 4400 mbar (3” w.c. to 63.8 Psig)
- Design temperature range: -20 °C to +60 °C (-4° to +140 °F)
- Ambient temperature range: -40 °C to +60 °C (-40° to +140 °F)
- Accuracy class AC: up to 5
- Lock-up pressure class SG: up to 10
- Available sizes DN: 1" - 1 1/2" - 2" - 2 1/2" - 3" - 4" - 6" - 8"
- Flanging: class 150 RF and PN16

**Modular Accessories:**
- Incorporated slam-shut valve (SN).
- In-line monitor function.

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**Dival 160/AP**

**Spring loaded regulator**

- Design pressure: up to 85 bar (1232 Psig)
- Outlet pressure range: 0.85 to 4.5 bar (12.32 to 62.85 Psig)
- Design temperature range: -10 °C to +60 °C (14° to +140 °F)
- Ambient temperature range: -20 °C to +60 °C (-4° to +140 °F)
- Accuracy class AC: up to 10
- Lock-up pressure class SG: up to 10
- Available sizes DN: 1"
- Flanges: class 300-600 RF

**Modular Accessories:**
- Incorporated slam-shut valve (SB/87).
### Staflux 185

**Direct-acting regulator with pressurized chamber**

- **Design pressure:** up to 102 bar (1479 Psig)
- **Inlet pressure range:** 1,3 to 85 bar (18,85 to 1233 Psig)
- **Outlet pressure range:** 1 to 75 bar (14,5 to 1087 Psig)
- **Design temperature range:** -20 °C to +60 °C (-4° to + 140 °F)
- **Ambient temperature range:** -40 °C to +60 °C (-40° to + 140 °F)
- **Accuracy class AC:** up to 5
- **Lock-up pressure class SG:** up to 10

**Available sizes DN:** 1" - 2" - 3"

**Flanging class:** ANSI 150 RF; PN 16

**Modular Accessories:**
- Incorporated slam-shut valve (SB/185).

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### Staflux 187

**Direct-acting regulator with pressurized chamber**

- **Design pressure:** up to 250 bar (3626 Psig)
- **Inlet pressure range:** 2 to 250 bar (29 to 3626 Psig)
- **Outlet pressure range:** 1 to 75 bar (14,5 to 1087 Psig)
- **Design temperature range:** -20 °C to +60 °C (-4° to + 140 °F)
- **Ambient temperature range:** -30 °C to +60 °C (-22° to + 140 °F)
- **Accuracy class AC:** up to 5
- **Lock-up pressure class SG:** up to 10

**Available size DN:** 1" - 2" - 3"

**Flanging class:** ANSI 1500 RF

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### Trias

**Multifunction spring loaded regulator**

- **TRIAS/BB** - Main regulator + 2 slam-shut valves
  - **Inlet pressure range:** 0,2 - up to 17 bar (2,9 to 246 Psig)
  - **Outlet pressure range:** 15 to 4000 mbar (6,02" w.c. to 58 Psig)
  - **Design temperature range:** -20 °C to +60 °C (-4° to + 140 °F)
  - **Ambient temperature range:** -30 °C to +60 °C (-22° to + 140 °F)
  - **Accuracy class AC:** up to 5
  - **Lock-up pressure class SG:** up to 10

- **TRIAS/BM** - Main regulator + monitor + slam-shut valve
  - **Inlet pressure range:** 0,2 - up to 8 bar (2,9 to 116 Psig)
  - **Outlet pressure range:** 15 to 4000 mbar (6,02" w.c. to 58 Psig)
  - **Design temperature range:** -20 °C to +60 °C (-4° to + 140 °F)
  - **Ambient temperature range:** -30 °C to +60 °C (-22° to + 140 °F)
  - **Accuracy class AC:** up to 5
  - **Lock-up pressure class SG:** up to 10

**Available sizes DN:** 1" - 2" - 3"

**Flanging class:** ANSI 150 RF; PN 16
**ATF Anti-freeze**

One-stage pressure reducing valve

- Design pressure: 250 bar (3626 Psig)
- Inlet pressure range: 2 to 250 bar (29 to 3626 Psig)
- Outlet pressure range: 1.5 to 60 bar (21.75 to 870 Psig)
- Design and ambient temperature range: -20 °C to +60 °C (-4° to +140 °F)
- Accuracy class: up to 5
- Lock-up pressure class SG: up to 10

Threaded connections:
- Piping connection: Dn 1" ANSI B 2.1 NPT
- Outlet connection: Rp 1/4" ISO 7/1.


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**Dival 600**

Spring loaded regulator

- Inlet pressure range: 0.1 to 20 bar (40" w.c. - 290 Psig)
- Outlet pressure range: 12 to 4200 mbar (5" - 125 Psig)
- Design temperature range: -20 °C to +60 °C (-4° to +140 °F)
- Ambient temperature range: -40 °C to +60 °C (-40° to +140 °F)
- Accuracy class AC: up to 5
- Lock-up pressure class SG: up to 10

Available sizes: DN 1" (25) - 1"1/2 (40) - 2" (50)

Flanging class: PN 16/25; ANSI 150 RF , ANSI 125 FF

Threaded connections: DN 2" Rp ISO 7/1 or DN 2" NPTF

**Modular Accessories:**
- Incorporated slam shut valve for over and under pressure (LA).
- In line monitor function.
- Incorporated silencer.
- Relief valve.

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**Dival 700**

Burner regulator

- Inlet pressure range: 0.1 to 8.63 bar (40" w.c. - 125 Psig)
- Outlet pressure range: 5 to 1454 mbar (2" - 21 Psig)
- Design temperature range: -20 °C to +60 °C (-4° to +140 °F)
- Ambient temperature range: -40 °C to +60 °C (-40° to +140 °F)
- Accuracy class AC: up to 5
- Lock-up pressure class SG: up to 5

Available sizes: DN 1" (25) - 1"1/2 (40) - 2" (50)

Flanging class: PN 16/25; ANSI 150 RF , ANSI 125 FF

Threaded connections: DN 2" Rp ISO 7/1 or DN 2" NPTF

**Modular Accessories:**
- Incorporated slam shut valve for over and under pressure (LA).
- In line monitor function.
- Relief valve.
For more information please visit our website at: www.fiorentini.com
Governors
Pressure regulator, with or without integral filter

Inlet pressure range: 2,5 mbar to 500 mbar (1" to 200" w.c.)
Max allowable pressure PS: 1 Bar (14,5 Psig)
Outlet pressure range: 5 to 300 mbar (2" to120" w.c.)
Accuracy class AC: up to 15 (EN 88-2)
Lock up pressure class SG: +7.5 mbar (3 w.c.) / up to +30% of the Pd (EN 88-2)
Design and Ambient temperature range: -15°C + 60°C (5° to 140°F)

GR6
Double stage low pressure regulators
Inlet pressure range: 150-400 mbar (60,3" - 160,7" w.c.)
Max allowable pressure PS: 5bar (72,5 Psig)
Max outlet pressure: 20 mbar (8" w.c.)
Max outlet pressure during reset: 50 mbar
Accuracy class AC: 10
Lock up pressure class SG: 25
Design temperature range: - 5°+ 40° C (+25° +104°F)
Ambient temperature range: - 25° + 60° C (-13° +140°F)

FE - FB
Double Stage Pressure Regulators

FE-FB 6-10-25-50 stmc/h N.G.
Inlet pressure range: 0,15-7 bar (60"w.c. - 102 Psig)
Max allowable pressure PS: 8.6 Bar (125 Psig)
Outlet pressure range: 13 to 500 mbar (5,2" ÷ 201" w.c.)
Accuracy class AC: up to 5
Lock up pressure class SG: up to 20
Design temperature range - 25° + 60° C ( -13° +140° F)
Ambient temperature range: - 40° to + 60° C (-40° +140° F)

Modular Accessories:
- Safety shut-off device for over and under pressure.
- Relief valve.
- Inlet filter.
- Excess flow valve
FEX
Double Stage Pressure Regulators

FEX 50-75-100 stmc/h N.G.
Inlet pressure range: 0.3 - 8.6 bar (120" w.c. - 125 Psig)
Max allowable pressure PS: 8.6 Bar (125 Psig)
Outlet pressure range: 13 - 350 mbar (5.2" - 140.6" w.c.)
Accuracy class AC: up to 5
Lock up pressure class SG: up to 20
Design temperature range - 25° + 60°C (-13° +140° F)
Ambient temperature range -40° to +60°C (-40° to +140° F)

Modular Accessories:
- Safety shut-off device for over and under pressure.
- Relief valve.
- Inlet filter.

B6-B10
Natural Gas pressure regulator

Inlet connection: Nut 3/4” Spherical Cone Joint
Outlet connection: B6: Nut 6/20 Flat Gas Meter Joint
B10: Nut 10/32 Flat Gas Meter Joint
Design temperature range -20° to + 60° - (-4° +140°F)
Flow B6: 6 m3/h to 300 mbar (120" w.c.) -7.2 m³/h guarantee at 500 mbar (200" w.c.)
B10 10 m³/h to 300 mbar (120" w.c.) -12 m³/h guarantee at 500 mbar (200" w.c.)
Set security flow B6-B10: Between 110 and 150% of nominal flow
B6 UNN - B10 UN Between 120 and 150% of nominal flow
Standard: Authorized by GDF

HP 100
Single stage high pressure spring loaded regulator

Inlet pressure range: 1÷20 bar (14.5÷290 Psig)
Max allowable pressure PS: 20 bar (290 Psig)
Outlet pressure range:
AP: 200÷800 mbar (80.4" - 321.5" w.c.)
TR: 800÷4500 mbar (321.5" - 1808.4" w.c.)
Accuracy class: AC up to 5
Lock up pressure class SG: up to 30
Design and temperature range: -20°C +60°C (-4° +140°F)

Modular Accessories:
- Safety shut-off device for lack of feeding.
- In Line monitor function.
- Relief valve.
- Inlet filter.
Reflux 919
Pneumatic control valve

- Design pressure PS: up to 102 bar (1479 Psig)
- Maximum inlet pressure: 85 bar (1232 Psig)
- Maximum pressure drop: 83 bar (1203 Psig)
- Rangeability: 500:1
- Direct or reverse action
- Design temperature range: -20°C to +60°C (-4°F to +140°F)
- Ambient temperature range: -40°C to +60°C (-40°F to +140°F)
- Available sizes DN: 1" to 10"
- Flanges: ANSI 150/300/600 RF or RTJ

Modular Accessories:
- Incorporated slam shut valve (SB/82 or HB/87).
- Incorporated silencer (DB/919).
- Pneumatic or electropneumatic positioner.
- Excess flow valve

VLM
Manual actuated control valve

- Design pressure PS: up to 102 bar (1479 Psig)
- Maximum pressure drop: 83 bar (1203 Psig)
- Rangeability: 200:1
- Design temperature range: -20°C to +60°C (-4°F to +140°F)
- Ambient temperature range: -40°C to +60°C (-40°F to +140°F)
- Available sizes DN: 1" to 10"
- Flanges: ANSI 150/300/600 RF - RTJ; PN 16/25/40

Modular Accessories:
- Incorporated slam shut valve (SB/82).
Syncroflux
Electrically actuated control valve

Design pressure PS: up to 102 bar (1479 Psig)
Maximum pressure drop 83 bar (1203 Psig)
Rangeability: 500:1
Design temperature range - 20° + 60° C (-4° +140° F)
Ambient temperature range - 40° to + 60° C (-40° to +140° F)
Size DN: 1"- 2"- 3"- 4"- 6"- 8"- 10"
Flanging: ANSI 150/300/600 RF-RTJ; PN16

Modular Accessories:
- Incorporated slam shut valve (SB/82 or HB/97).
- Incorporated silencer (DB/819).

Deltaflux
Pneumatic, electric or manually operated control valve

Design pressure PS: up to 220 bar (3190.83 Psig)
Design temperature range: -29°C to + 121°C (-20 to + 250 °F)
Rangeability: 200:1
Sizes DN: up to 24"
Flanges: ANSI 150/300/600/900/1500 according to ASME B 16.34
End to end dimension: according to API 6D
Options: gas flow control application, liquid flow control application.
Slam Shut Valves

**HBC 975**

Slam-shut valve

Design pressure PS: 102 bar (1479 Psig)
Design temperature range: - 20 °C to +60 °C (-4° to + 140 °F)
Ambient temperature range: - 40° to + 60° C (-40° to +140° F)
Over-pressure range: 0,02 to 100 bar (8” w.c. to 1450 Psig)
Under-pressure range: 0,01 to 88 bar (4” w.c. to 1276 Psig)
Accuracy class AG: up to 1
Available sizes DN: 1” - 2” - 2”1/2 - 3” - 4” - 6” - 8” - 10”
Flanges: ANSI 150 - 300 - 600 RF and PN 16/25/40

**SBC/782**

Slam-shut valve

Design pressure PS: up to 102 bar (1479 Psig)
Design temperature range: - 20 °C to +60 °C (-4° to + 140 °F)
Ambient temperature range: - 40° to + 60° C (-40° to +140° F)
Over-pressure range: 0,02 to 100 bar (8” w.c. to 1450 Psig)
Under-pressure range: 0,01 to 88 bar (4” w.c. to 1276 Psig)
Accuracy class AG: ±5% to 10% for over pressure,
10% to 20% for under pressure
Available sizes DN: 1” - 2” - 2”1/2 - 3” - 4” - 6” - 8” - 10”
Flanges: ANSI 150 RF; threaded NPT and PN 16

**SCN**

Slam-shut valve

Design pressure PS: 18,9 bar (274,5 Psig)
Design temperature range: - 20 °C to +60 °C (-4° to + 140 °F)
Ambient temperature range: - 40° to + 60° C (-40° to +140° F)
Over-pressure range: 0,025 to 5 bar (10” w.c. to 72,5 Psig)
Under-pressure range: 0,01 to 3 bar (4” w.c. to 43,5 Psig)
Accuracy class AG: ±5% to 10% for over pressure,
10% to 20% for under pressure
Available sizes DN: 1” - 1”1/2 - 2” - 2”1/2 - 3” - 4” - 6” - 8”
Flanges: ANSI 150 RF or FF and PN 16

**Dilock**

Slam-shut valve

Design pressure PS: up to 18,9 bar (275 Psig)
Design temperature range: - 20 °C to +60 °C (-4° to + 140 °F)
Ambient temperature range: - 40° to + 60° C (-40° to +140° F)
Over-pressure range: 0,03 to 5,5 bar (12” w.c. to 79 Psig)
Under-pressure range: 0,006 to 3,5 bar (2,4” w.c. to 50,76 Psig)
Accuracy class AG: ±5% to 10% for over pressure,
10% to 20% for under pressure
Available sizes DN: 1” - 1”1/2 - 2”
Flanges: ANSI 150 RF; threaded NPT and PN 16

The following symbols indicate the application area suggested for each product.

For more information please visit our website at: www.fiorentini.com
**Solenoid Valves**

**PVS 782**

*Pilot-operated high-accuracy safety relief valve*

- Design pressure: up to 102 bar (1479 Psig)
- Design temperature range: -20°C to +60°C (-4 to 140°F)
- Ambient temperature range: -40°C to +60°C (-40°F to 140°F)
- Set range: 1.5 to 75 bar (21.75 to 1087 Psig)
- Accuracy class AG: ± 2%
- Available sizes DN: 1" - 2" - 3" - 4" - 6" - 8"
- Flanges: ANSI 150/300/600 RF or RTJ; and PN 16

**Relief Valves**

**VS/AM**

*Spring loaded safety relief valves*

- 65 Design pressure PS: 20 bar (290 Psig)
  - Set range: 20 mbar to 7 bar (8" w.c. to 101 Psig)
- 58 Design pressure PS: 102 bar (1479 Psig)
  - Set range: 2 to 44 bar (29 to 638 Psig)

**Accessories**

**Push**

*Three way switch valve*

- Body design pressure: 101 bar (1464 Psig)
- Design temperature range: -10 to +50°C (14 to 122°F)
- Max working pressure:
  - type BP 3.5 bar (50.76 Psig)
  - type AP 60 bar (870.22 Psig)
**Ball Valves**

**Full or reduced bore ball valves**

Rating in compliance with ANSI 150/300/600/900/1500

Sizes (DN): 1/4” ÷ 36” (15 ÷ 900 mm)

Connections: BSP threaded from DN 1/4” to DN 2”

Flanged from DN 1/2” to DN 36”

ANSI 150/300/600/900/1500 RF-RTJ; PN 16/40/64

Options: manual control; electric, pneumatic or hydraulic servo-controls.

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**Butterfly Valves**

**BF 31 - 32**

Butterfly valves with single or dual sealing rings

Design pressure PS: up to 19 bar (275,5 Psig)

Sizes DN: 40 ÷ 1000

Flanges: ANSI 150 RF; PN16

Options: manual control; electric, pneumatic or hydraulic servo-controls.

...BF32: dual sealing rings on the disk up to DN 250

...BF31: single sealing ring for DN 300 up to DN 1000

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The following symbols indicate the application area suggested for each product.
**Valves Actuators**

**PD**
**Double acting pneumatic actuators**
PD actuators are double acting pneumatic devices, suitable for the operation of quarter turn valves (ball valves, butterfly valves).

**PDM/PRM**
**Spring return pneumatic actuators**
PDM and PRM actuators are spring return devices, suitable for the operation of quarter turn valves (ball valves, butterfly valves).
**Multi-Cartridge Filters**

Cartridge filter for high pressure with quick closing head

- Design pressure: up to 150 bar (2175.51 Psig)
- Flanges: ANSI 150/300/600/900 RF - RTJ

**HFA/...TRC**

Cartridge filters for high pressure with quick closure.

- Design pressure: up to 100 bar
- Flanges: ANSI 300/600 RF - RTJ

**HF...**

Cartridge filters with high filtering power for medium pressure with bolted cover

- Max allowable pressure: 17.6 bar (255 Psig)
- Design temperature range: -15°C + 80°C (5°F to 176°F)
- Threaded series connections: UNI-ISO 7/1 1/2" to 2"
- Flanged series connections: EN 1092 DN25-32-40-50
- HFA/...: in-line inlet/outlet
- HFB/...: angle inlet/outlet

HF-AL: filter with threaded or flanged connections
- Max allowable pressure: 10 bar (145 Psig)
Series 10...
Gas filters suitable for all types of natural gas, LPG or non corrosive gases.

SERIES 10000
Threaded connections UNI-ISO 7/1 1/2"-3/4"
Max allowable pressure: PS 10 bar (145 Psig)
Design temperature range: -15°C + 80°C (5°F to 176°F)
Filtration capacity: 50 micron

SERIES 102... 106...
Flanged Mod. 10210/F DN150:
max allowable pres.: PS 2 bar (29 Psig)
Design temperature range: -15°C + 80°C (5°F to 176°F)
Filtration capacity: 50 micron
Threaded series connections: UNI-ISO 7/1 1/2" to 2"
Flanged series connections: EN 1092 Sliding flanges DN25-32-40-50
Integral flanges DN65-80-100
Threaded series 106... : max allowable pres.: PS 10 bar (145 Psig)
Flanged series 106.../F : max allowable pres.: PS 10 bar (145 Psig)

Accessories

DP
Differential Pressure Gauge
- DP 1 0 ÷ 150 mbar
- DP 3 0 ÷ 300 mbar
- DP 5 0 ÷ 600 mbar
- DP 10 0 ÷ 1000 mbar

For more information please visit our website at: www.fiorentini.com
**Separators**
Condensate separators for high pressure with quick closing head.

- Flanges: ANSI 150/300/600/900 RF - RTJ
- VSV...: Vertical construction
- VSH...: Horizontal construction

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**Multi Stage Separators**
Two-stage condensate separator for high pressures with quick-closing head.

- Design pressure: up to 150 bar
- Flanges: ANSI 150/300/600/900 RF - RTJ
- API 12J monogrammable
- FSY : Vertical construction
- FSH : Horizontal construction
Heat Exchangers

KSI
Heat exchanger with removable tube bundle
Design pressure: up to 102 bar (1479 Psig)
Flanges: ANSI 300/600 RF - RTJ

Heaters

GH...
Indirect bath heaters
Indirect bath heaters have a wide variety of successful applications in the oil and gas production, processing and transmission industry.
The duty of Pietro Fiorentini heaters can vary from 90Kw up to 10Mw.
API 12K monogrammable

Gas Odorizing Systems

Dosafit
Electronic odorizing system

OLF
Lapping odorizing system

ODOMATIC
Electronic dosing odorizing pump system
## Diaphragm Gas Meter

HyMeter is a hybrid technology commercial meter. It combines new generation electronic features with a diaphragm metering gear and a metal body. HyMeter mechanical register is now replaced by an electronic totalizer equipped with a data transmission device and a remote firmware upgrade function.

### Specifications

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<thead>
<tr>
<th>Model</th>
<th>RS 2,4</th>
<th>RS/2001 LA &amp; AL</th>
<th>RS/2001 LA Single connection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>G6 CEE</td>
<td>G4 MID</td>
<td>G6 MID</td>
</tr>
<tr>
<td>Cyclic volume [dm³]</td>
<td>2,4</td>
<td>2,4</td>
<td>2,4</td>
</tr>
<tr>
<td>Maximum flow rate [m³/h]</td>
<td>10</td>
<td>6</td>
<td>10</td>
</tr>
<tr>
<td>Minimum flow rate [m³/h]</td>
<td>0,06</td>
<td>0,04</td>
<td>0,06</td>
</tr>
<tr>
<td>Maximum working pressure [bar]</td>
<td>0,5</td>
<td>0,5</td>
<td>0,5</td>
</tr>
<tr>
<td>Working temperature range [°C]</td>
<td>-25 ÷ +55</td>
<td>-10 ÷ +40</td>
<td>-10 ÷ +40</td>
</tr>
<tr>
<td>Connections</td>
<td>Inches</td>
<td>1&quot; ¾</td>
<td>1&quot; ¾</td>
</tr>
<tr>
<td>Distance between connections mm</td>
<td>250</td>
<td>110 – (160 – 250) (steel)</td>
<td>110 (aluminium)</td>
</tr>
<tr>
<td>Version</td>
<td>steel plate, die-cast aluminium</td>
<td>steel plate</td>
<td>steel plate, die-cast aluminium</td>
</tr>
</tbody>
</table>

## Smart Gas Meter

HyMeter is a hybrid technology commercial meter. It combines new generation electronic features with a diaphragm metering gear and a metal body. HyMeter mechanical register is now replaced by an electronic totalizer equipped with a data transmission device and a remote firmware upgrade function.

### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>HM 2,5</th>
<th>HM 4</th>
<th>HM 6</th>
<th>HM 10 MID</th>
<th>HM 16 MID</th>
<th>HM 25 MID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyclic volume [dm³]</td>
<td>1,2</td>
<td>1,2</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>12</td>
</tr>
<tr>
<td>Maximum flow rate [m³/h]</td>
<td>4</td>
<td>6</td>
<td>10</td>
<td>16</td>
<td>25</td>
<td>40</td>
</tr>
<tr>
<td>Minimum flow rate [dm³/h]</td>
<td>25</td>
<td>40</td>
<td>60</td>
<td>100</td>
<td>160</td>
<td>250</td>
</tr>
<tr>
<td>Maximum working pressure [bar]</td>
<td>0,1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0,5</td>
</tr>
<tr>
<td>Working temperature range [°C]</td>
<td>-25 ÷ +55</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Connections</td>
<td>Inches</td>
<td>1&quot; ¼</td>
<td>1&quot; ¼</td>
<td>1&quot; ¼</td>
<td>1&quot; ¼ - 2&quot;</td>
<td>2&quot;</td>
</tr>
</tbody>
</table>

The following symbols indicate the application area suggested for each product.
Explorer FT

Volumetric flow Computer FT is a microcomputer gas flow corrector designed to measure the line pressure, temperature and the volumes of the gas. These are used to calculate the appropriate compressibility equations to compute the real gas flow.

Explorer Plus

Explorer Plus is designed to optimize installation and maintenance, it meets the most recent regulations and maintains compatibility with existing Explorer family product and accessories.

NanoPico is a battery operated remote communication device suitable to be connected with EVCD Explorer Plus series electronic volume converter. Its application is ideal when power supply for remote communication is not available on site.

Explorer Mini and Explorer Zero are the new volume correctors by Pietro Fiorentini designed with a built-in modem that allows the installation of a single device directly in a ATEX hazardous area.

Flowweb

Microprocessor based Flow Computer
Multistream configuration
Approved for custody tranfer service
Suitable for service in combination with orifice (Dp), volumetric or ultrasonic meters

For more information please visit our website at: www.fiorentini.com
Fiomaster
Dual chamber orifice fittings

The classic dual chamber orifice plate, for orifice removal under pressure now with the advantage of Electroless Nickel Plated body for a real rust free performance.

Rating: ANSI 150/300/600
Sizes DN: 2" to 24"

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Fiominor
Single chamber orifice fittings

Single chamber orifice fittings available in size range

Rating: up to Class 1500
Sizes DN: 2" to 24"
FIO - 2.0
Five-in-One system is a monitor managing and control unit for pressure regulators.

It can be equipped on both Pilot operated and spring loaded regulators to enable additional functionalities like:
- Indirect flow measurement
- Flow limitation
- Pressure profiling by time or real time demand based
- Process monitoring

Alarm Management & Data Aquisition

We monitor the plants continuously, automatically and promptly reporting any anomalies, being able to take care of on site emergencies.
From components to complete units

Creating a different approach in handling sophisticated projects is our target. We have the ambition of being a single interface covering all the different aspects of the projects, irrelevantly of the sophistication. An unique “single stop” concept resulting in a perfect and easy project monitoring in all phases.

Main components:
- SQD regulator with token relief valve and optional incorporated slam shut valve
- Inlet and Outlet Butterfly valve
- Cartridge G2 filter with connections on the cover suitable for monitoring pressure drop and inlet pressure

Fio Cube
NEW!
Ultra compact prefabricated reducing stations for capacities up to 1000 Sm3/h

Residential connections
Small commercial connections
Smart Stations
Gas Processing Plants

From the wellhead to the daily gas utilization.

Creating a different approach in handling sophisticated projects is our target. We have the ambition of being a single interface covering all the different aspects of the projects, regardless of the sophistication. An unique “single stop” concept resulting in a perfect and easy project monitoring in all phases.

Enclosed District Stations

Skid mounted units

HIPPS

Flowatch

Multiphase Flow Meter
A New perspective: 

Fiorentini Services

We offer the advantage of being a single reference for supporting you continuously long all phases involved by gas installations. From their conception, to their implementation and ultimately to their everyday use with a wide range of Service solutions:

- Installation and start up
- On site Surveys
- Maintenance and Emergency services
- Plants and components removal and disposal.
- Supplying and Handling of Odorisation Systems
- Metering devices: installations, commissioning, maintenance and disposal of metering devices
- Cathodic Protection Monitoring
- Spare Parts availability
Professional Training Courses

Pietro Fiorentini offers a training service for its customers. The course can be carried out both for technicians responsible for running/managing natural gas transport and distribution systems and for equipment maintenance engineers.

We offer customized trainings to be done directly to your premises or in Pietro Fiorentini S.p.A. headquarter, we adapt the training program to specific gas companies needs.
The data are not binding. We reserve the right to make changes without prior notice.