

Regulators

Pilot Operated

- Pressure regulators are designed to be used with non-corrosive and filtered natural gas.
- The modular design suits the most demanding applications in gas transmission, gas supply to the industrial power plant, city gates, distribution utility systems, industrial installations, etc.
- DFO FC SSV 3 in 1 combination is of an active regulator (fail open), monitor regulator (fail closed), and safety shut-off valve in a single body that can accept multiple and separate functions that operate independently with different sensing lines, pilots' actuators, and seats.

Specifications

Accuracy	±1%
Temperature	-4°F to 140°F
Pressure	0.2175 to 63.23psi
Line Size	1" to 8"
Connection	150# to 600# ANSI Flanges, 900#*
Approvals	CE, ATEX

PILOT OPERATED

TA-935

TA-956



DIRECT ACTING

TA-992

TA-950

TA-957

TA-PR-334

TA-PRF-07



Regulators

Direct Acting/Self Operated

- Devices are used in all applications where high-pressure compressed gas (up to 105 bar) is reduced to a lower pressure.
- Series of pressure regulators are designed to reduce and accurately control the downstream system pressure in natural gas and LPG gases.
- Is a direct-action single function Fail to Open gas pressure regulator suitable for high, medium, and low-pressure applications.
- Pressure Regulator provides clean and stable instrument gas from a high-pressure source to any equipment and may be used with Natural Gas, LPG, or Other Gases.

Specifications

Accuracy	±1%
Temperature	-4°F to 140°F
Pressure	0.0725 to 1073.68psi
Line Sizes	1" to 12"
Connection	150# to 600# ANSI Flanges, 900#*
Approvals	CE, ATEX

Safety Shutoff Valves (SSV)

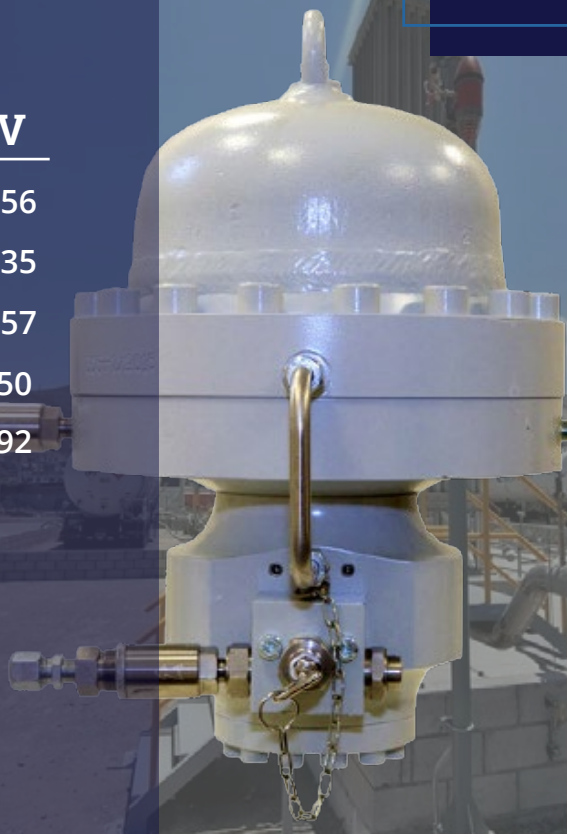
- Series of gas pressure regulators for high and medium pressure is a fully modular range of gas pressure regulators and SSV.
- SSV is used as a safety measure to shut off the gas flow if the downstream pressure is higher than the MAX set point or lower than the MIN set point.
- Pressure regulators and SSV are designed to be used with non-corrosive and filtered natural gas.
- The SSV version incorporates a safety shut-off device (SSV or Upso-Opso) against over and under outlet pressure.
- SSV is used for over-pressure and/or under-pressure detection in the system to be protected.

Specifications

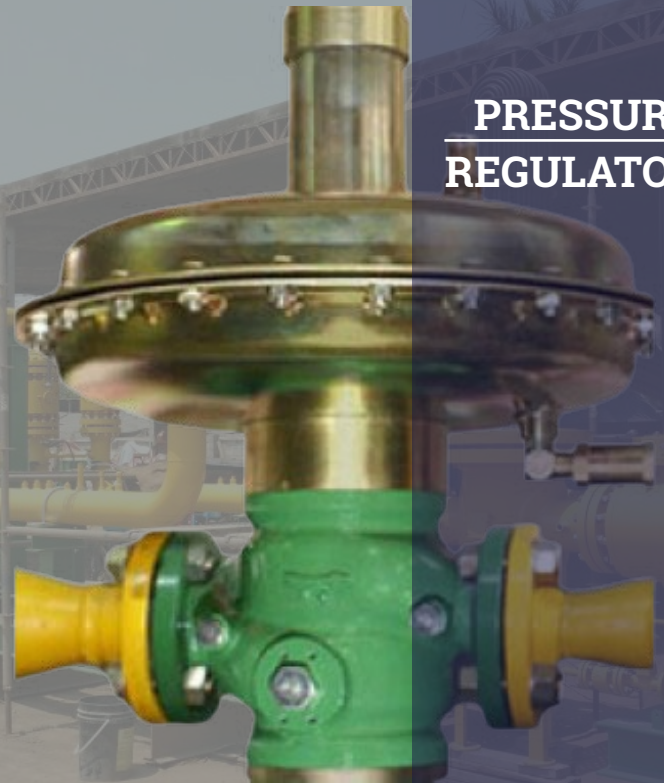
Accuracy	±1%
Temperature	-4°F to 140°F
Pressure	0.0725 to 1073.68psi
Line Sizes	1" to 12"
Connection	150# to 600# ANSI Flanges
Approvals	CE, ATEX

SSV

- TA-956
- TA-935
- TA-957
- TA950
- TA992



PRESSURE REGULATORS



Pressure Regulators

- The fully balanced control valve and extremely high rangeability regulators are specifically designed for high capacity with low noise generation.
- Completely self-operated pressure regulators using the inlet gas pressure energy to operate regulators as they are suitable for high-pressure reduction applications.
- Local position indicator with magnetic drive, no possibility of leakage to the atmosphere and available with internal silencer and open/close limit switch.
- Suitable for inlet pressures of up to 350 bar and different outlet pressure ranges.

Specifications

Accuracy	±1%
Temperature	-4°F to 140°F
Pressure	0.0725 to 1073.68psi
Line Sizes	1" to 12"
Connection	150# to 600# ANSI Flanges, 900#*
Approvals	CE, ATEX