

# Staflux Mini pressure regulators

The **STAFUX Mini** is a direct action device for high pressure, controlled by a diaphragm and contrasting regulated counter pressure action.

This regulator is also suitable for using with previously filtered, non corrosive gases. It is a truly “top entry design” which allows an easy maintenance of parts directly on the field.

Set point adjustment of the regulator is operated via a three way – two valve unit used to load and unload the pressure on the top of the chamber.

A small capacity relief valve prevents to set pressure at values beyond limits and, at the same time, protects the pressurised chamber from overpressure subsequent to high ambient temperatures.

Pressure in the top chamber is creating the counter action similar to the one of a spring in more conventional regulators.



## MODULAR ACCESSORIES:

- Internal Filter
- Relief valve

## MAIN FEATURES:

- **direct acting** regulator
- Available Size DN : **1”**
- Connections: **flanged ANSI 1500 RF** or **threaded NPT**
- Maximum **inlet pressure Pu: 250 bar**
- **Outlet** pressure range: **4 – 75 bar**
- Working **Temperature** range: **-20°C to + 60°C**
- **flow rate max: 2.000Nm<sup>3</sup>/h** with Pu=220bar and Pd=50bar
- Dimensions: **265 x 126 mm** (without flanges)
- Weight: **12 kg** (18kg flanged version)

## Materials:

- **Body:** A350LF2
- **Cover:** A350LF2
- **Diaphragm:** NBR/PVC compound
- **Seat:** AISI 416
- **Filter:** AISI 304
- **Obturator:** AISI 416

**DESIGNED  
WITH YOUR  
NEEDS IN MIND**

COMPACT & SIMPLE DESIGN  
EASY MAINTENANCE  
TOP ENTRY  
HIGHT TURN DOWN RATIO

HIGHT  $\Delta P$  HANDLING  
RUDGED CONSTRUCTION  
EASY TO OPERATE

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