

REGFLOW TM



OXYGEN-THERAPY
PRESSURE REGULATORS
WITH FLOWMETERS
WITH FLOATING BALL



TECHNOLOGIE
MEDICALE

REGFLOW™

The REGFLOW™ pressure regulator, connected to an Oxygen or medical Air cylinder, is used to regulate the gas pressure by supplying the operating outlet with a controlled and stable pressure below its supply pressure. The pressure of the compressed gas cylinder can be read on the pressure gauge of the device.

Combined with an RTM3 flowmeter with floating ball, the REGFLOW™ pressure regulator enables to adjust and measure the flow of a gas that is to be delivered to patients through the respiratory tract from a gas cylinder.

Fitted with a quick-release connector it also enables to supply a ventilator or any other medical device with gas.

Two connection systems to the gas cylinder are available:

- **The bullnose fitting**, for large cylinders (> 4 liters in water or 0.8 m³).
- **The yoke pin-index fitting**, for small cylinders (universal system).

Main technical features:

Active medical device of class IIb.

In compliance with the EN ISO 10524-1 standard.

Outlet pressure: 4.5 +/- 0.5 bar.

Inlet pressure: up to 200 bar.

- **Piston type** pressure regulator for a great reliability.
- **Single stage** pressure regulator.
- **Integrated relief valve** protected in the body of the pressure regulator thus ensuring its inviolability and its reliability.
- **Pressure gauge protected against shocks thanks to a plastic bumper.**
- **Filter at the inlet to prevent the risks linked to high pressure.**
- Body made of **nickel-plated brass**, very strong.
- **Delivered with an RTM3 flowmeter with floating ball** (refer to RTM3 leaflet).
- Nominative information (gas name, CE marking, signs related to the use of the device, overhaul date) are mentioned on self-adhesive stickers for a better reading.
- **A unit serial number is engraved on the body of each pressure regulator** ensuring its identification and traceability. 8 digits number indicating the manufacturing year and month as well as the unit serial number of the device.

Many versions available:

- Available gas: OXYGEN (also available for medical AIR but only for AFNOR, DIN and NORDIC bullnose fittings).
- Available flowrates: **1.5l/min - 05l/min - 15l/min - 30l/min.**
- Connection systems to the gas cylinder: **Universal Pin-index fitting and Bullnose fitting** according to various standards.
- Standards for bullnose fittings: AFNOR (French standard) - BS (British standard) - DIN (German standard) - US OHMEDA DIAMOND (American standard) - NORDIC (Scandinavian standard) - UNI (Italian standard).
- Outlets: 12x125 M - 9 /16" M - 1/2" BS F - 1/4G M.
- Available with or without quick-release connector.

- Available with or without Venturi ejector system (OXAP).
- Weight: 865 g.
- Dimensions: Height 100 mm x Width 50 mm x Depth 175 mm.

Use, cleaning and maintenance:

Being fitted with an RTM3 flowmeter with floating ball, the REGFLOW™ pressure regulator must be connected vertically.

Then just open the knob of the flowmeter and adjust the position of the floating ball according to the required flowrate (reading in the middle of the ball).

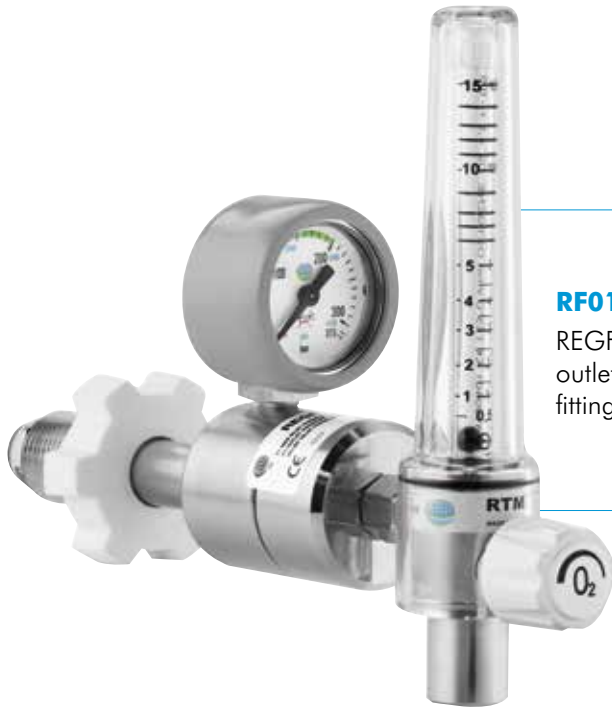
Clean the exterior of the device with water and soap. Rinse and dry. If using disinfecting products please check their compatibility with plastics. Do not lay under water.

Device to be serviced every 5 years in our workshop (see next overhaul date affixed to each product).

Accessories:

- Tubing nipple (1 part) or tubing nipple (2 parts) ①
- Switch or Flow-Switch ②
- Humidifier: CCO model (250 ml) or TMS model (500 ml) ③





RF01-E

REGFLOW TM O₂, 15 l/min, 1/2" BS outlet, with **horizontal** BS bullnose fitting for large cylinder

RF02-E

REGFLOW TM O₂ 15 l/min, 9/16" outlet with **vertical** BS bullnose fitting for large cylinder with a 6 cm long adaptor between the flowmeter and the regulator
(Also available with a 10 cm long adaptor upon request).



RF03-E

REGFLOW TM O₂, 15 l/min, 9/16" outlet, with DN bullnose fitting for large cylinder and with DIN quick-release connector.



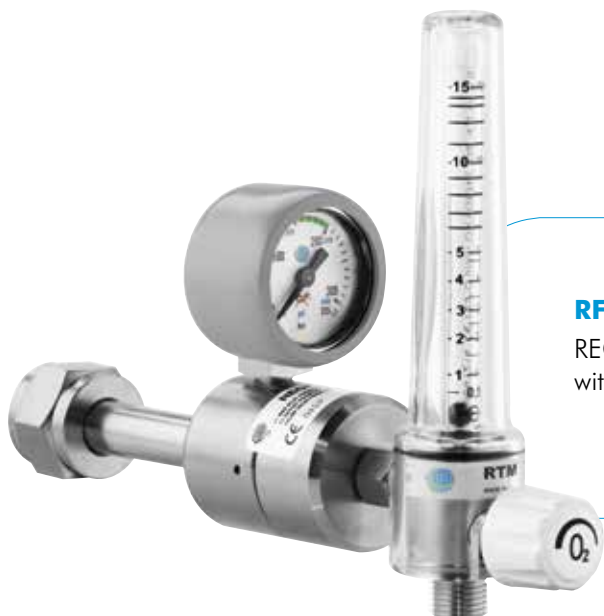
RF04-E

REGFLOW TM medical AIR 15 l/min, with AFNOR bullnose fitting for large cylinder and with 12x125 outlet tubing nipple



RF05-E

REGFLOW TM OXAP O₂, 15 l/min, 9/16" outlet, with AFNOR bullnose fitting for large cylinder and with Venturi TM2 ejector and with AFNOR quick-release connector.



RF06-E

REGFLOW TM O₂, 15 l/min, 1/4 G outlet, with UNI bullnose fitting for large cylinder