

REGFLOW™



OXYGEN-THERAPY
PRESSURE REGULATORS
WITH FLOWMETER
WITH FLOATING BALL



**TECHNOLOGIE
MÉDICALE**

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 a 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.
- **Manufactured 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 a RTM3 flowmeter with floating ball, the REGFLOW™ pressure regulator must be connected vertically.

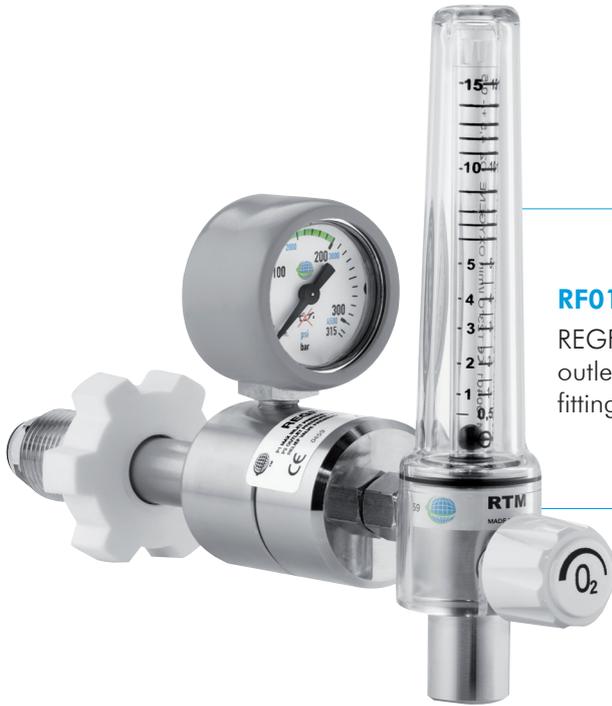
Then just open the knob of the flowmeter and adjust the position of the floating ball according to the required flowrate (reading in the middle of the ball).

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

Accessories:

- Tubing nipple (1 part or 2 parts) **1**
- Switch or Flow-Switch **2**
- Humidifier CCO model (250ml) **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 DIN bullnose fitting for large cylinder and with DIN quick-release connector.



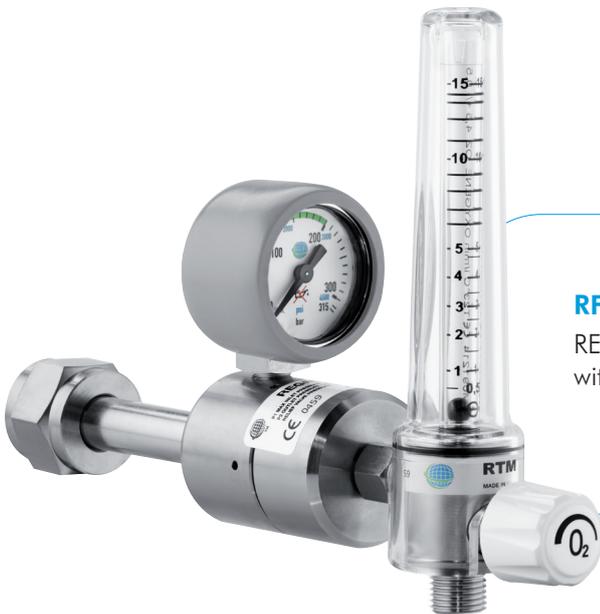
RF04-E

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

RF07-E

REGFLOW TM O₂, 15 l/min, 12x125 outlet with universal pin-index fitting for small cylinder



Universal system	REGFLOW TM O ₂ PRESSURE REGULATORS WITH PIN-INDEX FITTING FOR SMALL CYLINDER				
	Flowrates l/min	1.5	05	15	30
	Outlet thread: 12x125 M	17585	17217	17224	17230
	Outlet thread: 9/16" M	-	17219	17226	17232
	Outlet thread: 1/4G M	-	17216	17223	17229
	Outlet thread: 1/2"BS F	-	17214	17221	-
	Outlet thread: 12x125 M + AFNOR quick-release connector	-	17218	17225	17231
	Outlet thread: 1/2"BS F + BS quick-release connector	-	17215	17222	17228
	Outlet thread: 9/16" M + DIN quick-release connector	-	17220	17227	17233

- Available upon request only.
Please contact us for other configurations.
Outlet tubing nipples to be ordered separately (refer to "oxygen-therapy accessories" leaflet).

AFNOR French Standard		REGFLOW™ PRESSURE REGULATORS WITH BULLNOSE FITTING FOR LARGE CYLINDER			
OXYGEN (O ₂)	Flowrates l/min	1.5	05	15	30
MEDICAL AIR					
	Outlet thread: 12x125 M	17584	17196	17202	17207
		-	17188	17190	-
	Outlet thread: 9/16" M	17590	17198	17205	17209
		-	17189	17191	-
	Outlet thread: 12x125 M + quick-release connector	-	17197	17203	17208
	Outlet thread: 9/16" M + quick-release connector	-	17199	17206	17210
	Outlet thread: 12x125 M + quick-release connector + Venturi (OXAP)	-	-	17260	-
	Outlet thread: 9/16" M + quick-release connector + Venturi (OXAP)	-	-	17262	-

BS British Standard		REGFLOW™ O ₂ PRESSURE REGULATORS WITH BULLNOSE FITTING FOR LARGE CYLINDER		
		Flowrates l/min	05	15
	Horizontal	Outlet thread: 1/2"BS F Outlet thread: 9/16" M	17245 -	17246 17248
		Outlet thread: 1/2"BS F + quick-release connector	-	17247
		Outlet thread: 1/2"BS F + quick-release connector + Venturi (OXAP)	-	17264
		Outlet thread: 9/16" M + quick-release connector + Venturi (OXAP)	-	17266
	Vertical with 6 cm long adaptor	Outlet thread: 1/2"BS F Outlet thread: 9/16" M	17250 -	17252 17254
	Vertical with 10 cm long adaptor	Outlet thread: 1/2"BS F Outlet thread: 9/16" M	17249 -	17251 17253

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DIN German Standard	REGFLOW TM O₂ PRESSURE REGULATORS WITH BULLNOSE FITTING FOR LARGE CYLINDER		
	Flowrates l/min	05	15
	Outlet thread: 1/4G M Outlet thread: 9/16" M	17234 17236	17238 17240
	Outlet thread: 1/4G M + quick-release connector	17235	17239
	Outlet thread: 9/16" M + quick-release connector	17237	17241
	Outlet thread: 1/4G M + quick-release connector + Venturi (OXAP)	-	17268
	Outlet thread: 9/16" M + quick-release connector + Venturi (OXAP)	-	17271

US OHMEDA American Standard	REGFLOW TM O₂ PRESSURE REGULATORS WITH BULLNOSE FITTING FOR LARGE CYLINDER		
	Flowrates l/min	05	15
	Outlet thread: 9/16" M	17242	17243

UNI Italian Standard	REGFLOW TM O₂ PRESSURE REGULATORS WITH BULLNOSE FITTING FOR LARGE CYLINDER		
	Flowrates l/min	05	15
	Outlet thread: 1/4G M Outlet thread: 9/16" M	- -	17257 17541

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Also available



Distributed by

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