

# REGFLOW™



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 m<sup>3</sup>).
- **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: 2006 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 - 0.5l/min - 1.5l/min - 3.0l/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).

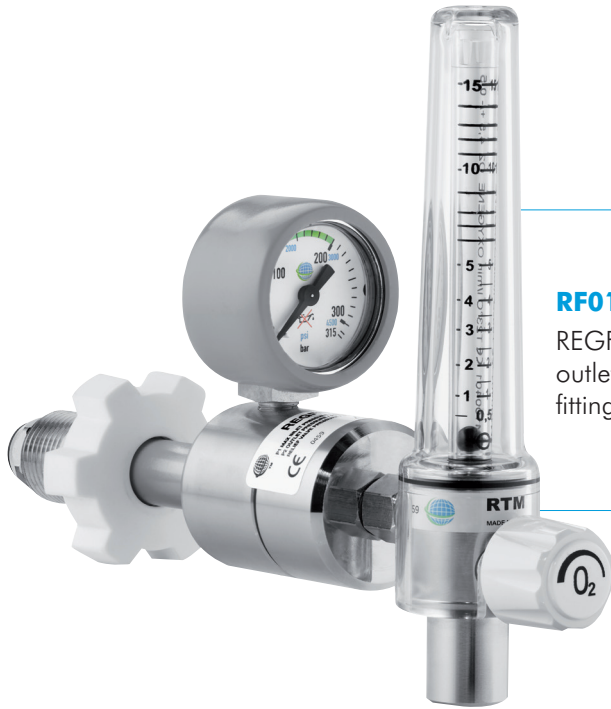
Clean the exterior of the device with water and soap. Rinse and dry. If using disinfecting products please check their compatibility with plastics. Do not lay under water.

**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



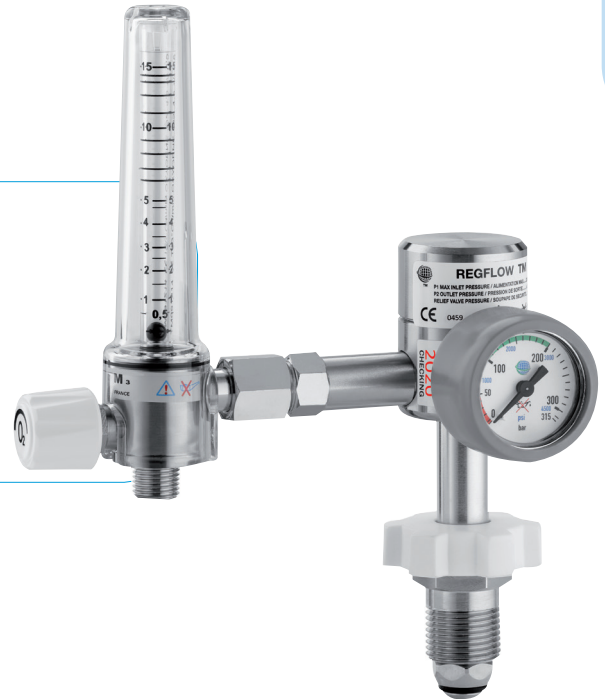


**RF01-E**

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

**RF02-E**

REGFLOW TM O<sub>2</sub> 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 O<sub>2</sub>, 15 l/min, 9/16" outlet, with DN bullnose fitting for large cylinder and with DIN quick-release connector.



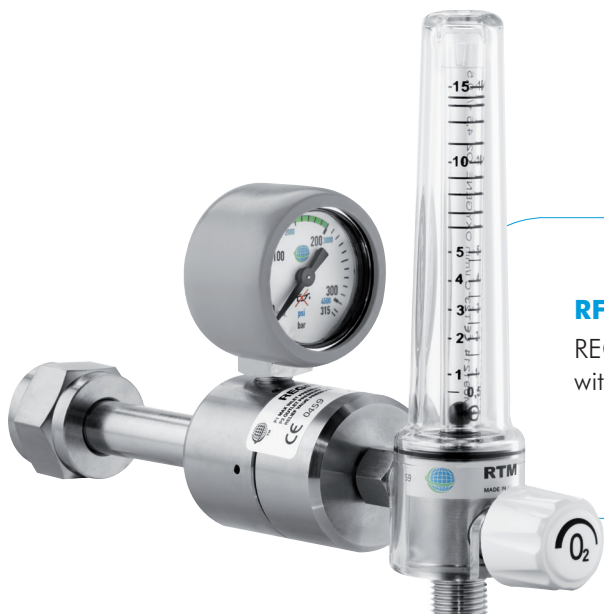
**RF04-E**

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 O<sub>2</sub>, 15 l/min, 9/16" outlet, with AFNOR bullnose fitting for large cylinder and with Venturi TM2 ejector and with AFNOR quick-release connector.

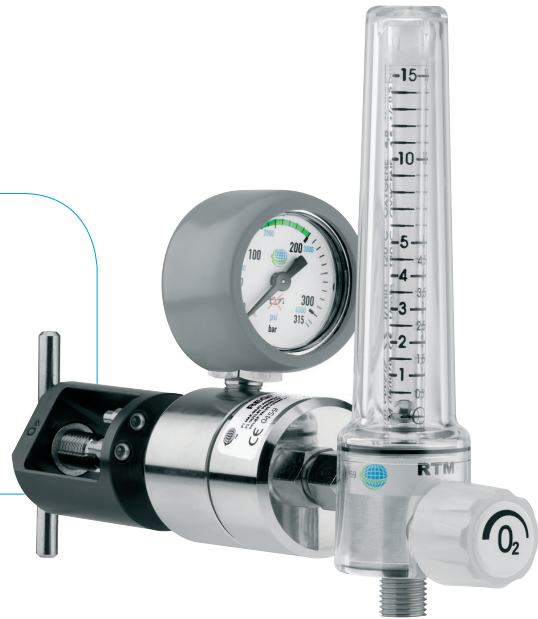



**RF06-E**

REGFLOW TM O<sub>2</sub>, 15 l/min, 1/4 G outlet, with UNI bullnose fitting for large cylinder




**RF07-E**



REGFLOW TM O<sub>2</sub>, 15 l/min, 12x125 outlet with universal pin-index fitting for small cylinder






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


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


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

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

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<b>DIN</b> German Standard	<b>REGFLOW TM O<sub>2</sub> PRESSURE REGULATORS WITH BULLNOSE FITTING FOR LARGE CYLINDER</b>		
	Flowrates l/min	05	15
	Outlet thread: 1/4G M Outlet thread: 9/16" M	<b>17234</b> <b>17236</b>	<b>17238</b> <b>17240</b>
	Outlet thread: 1/4G M + quick-release connector	<b>17235</b>	<b>17239</b>
	Outlet thread: 9/16" M + quick-release connector	<b>17237</b>	<b>17241</b>
	Outlet thread: 1/4G M + quick-release connector + Venturi (OXAP)	-	<b>17268</b>
	Outlet thread: 9/16" M + quick-release connector + Venturi (OXAP)	-	<b>17271</b>

<b>US OHMEDA</b> American Standard	<b>REGFLOW TM O<sub>2</sub> PRESSURE REGULATORS WITH BULLNOSE FITTING FOR LARGE CYLINDER</b>		
	Flowrates l/min	05	15
	Outlet thread: 9/16" M	<b>17242</b>	<b>17243</b>

<b>UNI</b> Italian Standard	<b>REGFLOW TM O<sub>2</sub> PRESSURE REGULATORS WITH BULLNOSE FITTING FOR LARGE CYLINDER</b>		
	Flowrates l/min	05	15
	Outlet thread: 1/4G M Outlet thread: 9/16" M	- -	<b>17257</b> <b>17541</b>

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**Also available**



**Distributed by**

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