

## RN FR BIBO Self Contained Breathing Apparatus - Type 2

**RN FR Twin Cylinders** is a type 2 Self Contained Breathing Apparatus specifically designed for inspection purposes during fire fighting.

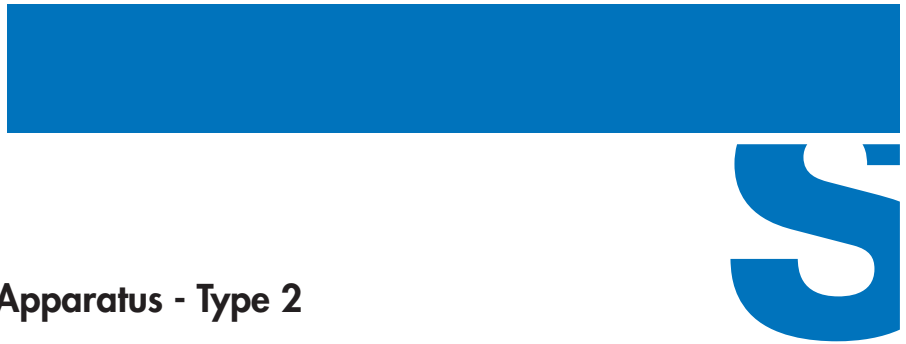
**RN FR Twin Cylinders** is fitted with an automatic demand valve which keeps a positive pressure in the mask thus avoiding any possible inward leakage of contaminated air from the outside. Should it become necessary the positive pressure mode can be activated by acting on the special button that acts as a supplementary air command, too. The demand valve is connected to the medium pressure hose by means of a quick coupling which allows it to be disconnected very easily for maintenance. The medium pressure hoses of the reducer and of the demand valve are covered by a special Kevlar sleeve to protect them from flames.

The back plate is made of blow molded polypropylene, it is extremely robust and anatomically shaped to allow a comfortable distribution of weight and remains steady on the wearer's back even when crouching or crawling. The supporting harness is provided with special padding to increase comfort and with a soft belt in the hips area which increases portability of the equipment. All harnesses and padding are in aramidic and para-aramidic material and self-extinguishing foams. Special handles integral with the backplate are provided for carrying the set along.

The pressure reducer keeps the outlet pressure constant throughout the emptying of the cylinder and is connected to an easy to read phosphorescent gauge.

The reducer is equipped with a twin cylinder connection for attaching two cylinders with a pressure of 300 bar and is fitted with a valve according to EN 144.





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### FULLFACE MASK

**RN FR TWIN CYLINDERS** can be equipped with three different type of masks in EPDM:

**TR2002 CL3+**, modern design

**TR82 CL3+**, classic design

**TR 82 E** with a special system of metal brackets to fit to the slots of Fire Brigades and Police helmets.

All these models are available with threaded or bayonet connector.

### DEMAND VALVE

**RN FR TWIN CYLINDERS** can be supplied with demand valve type A or BN.

Both activate automatically with a button to stop airflow.

Reducer	Characteristic	P/N
DV RN A	M45x3 threaded connector	1588500CJ
DV RN BN	DIN 58600 bayonet connector	1579100CJ

### CYLINDERS

**RN FR TWIN CYLINDERS** can be equipped with steel or composite cylinders:

Volume l	Capacity bar	Materials	P/N
6,8	300	Composite	92446000C
9	300	Composite	92449000C

### EXTRA WHISTLE KIT

The accessory "additional alarm" (Cod. 151530000) available on request gives the possibility to add a continuous whistle to the alarm signal provided already in the demand valve.

### RN CONNECTION

The medium pressure hose, which connects the reducer to the demand valve, can be equipped with quick Euro-Coupling couplings or Spasciani couplings.



YOUR SAFETY MAKER



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### TECHNICAL DATA

**Pressure Reducer:** piston with compensator

**Automatic Demand Valve:** with integral alarm device and supplementary supply button

**Setting of the Alarm:**  $55 \pm 5$  bar

**Cylinder Capacity:** 300 bar

### CLASSIFICATION

Certified **Type 2** to **EN137:2006** and meeting with directives **89/686/EEC (PPE)**, **97/23/EC (PED)** and **96/98/CE (MED)\* e ATEX\*\***.

\* For all models equipped with cylinder with volume higher than 1200 l.

\*\*on request

### MARKING



### MATERIALS

Backplate:

Thermoplastic polypropylene

Harness with padding:

Self-extinguishing webbing and elastomeric foam

Pressure reducer:

Brass alloy nickel plated

### STORAGE

Store at temperatures between -20 and +50 °C and with RH <80%

### WEIGHT

15 Kg approx., set complete with mask and fully charged steel cylinder

### DIMENSIONS/PACKAGING

310x660x220 mm, measured with set laying down on a flat surface.

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For more information please check the notes along with the products or the ones published on the website: [www.spasciani.com](http://www.spasciani.com)

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