

RN Self Contained Breathing Apparatus - Type 1

RN is a Self Contained Breathing Apparatus designed for maintenance interventions in chemical plants and industrial areas, for rescue intervention and, generally, in all cases where there is, or may be, oxygen deficiency.

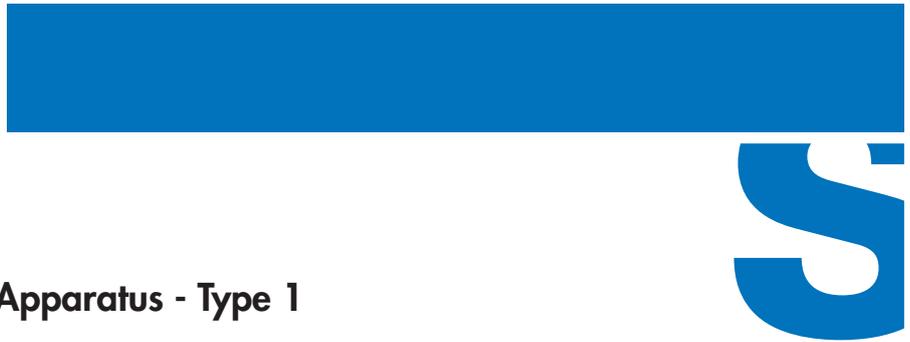
RN is fitted with an automatic demand valve which keeps a positive pressure in the mask thus avoiding any possible inward leakage of contaminated air from the outside. Should it become necessary the positive pressure mode can be activated by acting on the special button that acts as a supplementary air command, too. The demand valve is connected to the medium pressure hose by means of a quick coupling which allows to disconnect it very easily for maintenance.

The back plate is made of vacuum formed 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 a 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 cylinder has a pressure of 300 bar and is fitted with a valve according to EN 144.

RN can also be used in conjunction with a wheeled BA Spasciani RC or an air line feeding system by means of the optional 4-way valve.





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FULLFACE MASK

RN can be equipped with two different type of masks in EPDM and silicone:

TR82 modern design

TR2002 classic design

Both these models are available with threaded or bayonet connector.

DEMAND VALVE

RN 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 can be equipped with steel or composite cylinders:

Volume l	Capacity bar	Materials	P/N
3	300	Steel	923030000
6	300	Steel	924630000
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.



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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 ± 5 bar

CLASSIFICATION

Certified **Type 1** 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

10Kg approx., set complete with mask and fully charged composite cylinder

For more information please check the notes along with the products or the ones published on the website: www.spasciani.com

NOTE: SPASCIANI SpA does not take any responsibility for any possible and unintentional mistake and reserve the faculty of modify materials and technical characteristics of its products at any time and without any notice.