

## Breathing Apparatus RN for Industries



**RN** is a type 1 Self Contained Breathing Apparatus designed for maintenance interventions in chemical plants and industrial areas, for use in contaminated surrounding, 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 reducer by means of a 120 cm long medium pressure hose.

The **back plate** is made of blow moulded 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. Special handles integral with the backplate are provided for carrying the set along

**RN** takes advantage from the unique MK2 System warning built into the demand valve. This is activated when the pressure left in the cylinder drops below 55 bar. The signal originates from a sounding vibration caused by every inhalation. In this way the full capacity of cylinder is made available to the user for breathing. The acoustic warning is related to the respiratory frequency of the user and allows the user to distinguish his own signal from that emitted by nearby fellows or noise (Self Test Function). The location of the warning device protects it from frost or dirt.

### FULLFACE MASKS

RN T1 can be equipped with two different type of masks:

- TR2002, modern design (in TPE)
- TR82, classic design (in EPDM).
- Both masks 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.

- DV RN A - M45x3 threaded connector
- DV RN BN - DIN 58600 bayonet connector

## CYLINDERS

The SCBA RN T1 can be equipped with steel or composite cylinders, of different capacities and volumes:

- 3 l - 300 bar - Steel, Composite
- 7 l - 200 bar - Steel
- 6 l - 300 bar - Steel
- 6,8 or 9 l - 300 bar - Composite

## FISCHIETTO SUPPLEMENTARE

Is available an additional alarm device which allows a continuous alarm signal, in addition to the alarm device already provided in the demand valve.

## CONNECTION RN

The connection RN is available with quick couplings and with Eurocoupling.

## TECHNICAL FEATURES

**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 of **Type 1** to **EN 137:2006** and meeting with the provisions of Regulation(EU) 2016/425, 2014/68/UE (PED), ATEX\*

\*for all the models equipped with cylinders with volume higher than 1200 l.

\*\*available on demand

## MATERIALS

Backplate: Thermoplastic polypropylene

Harness with padding: Self-extinguishing webbing

Pressure reducer: Brass alloy chrome plated

Erogatore automatico a domanda: Involucro in nylon rinforzato con fibre di vetro

## STORAGE

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

## WEIGHT

Set complete with mask and fully charged cylinder in steel ± 13,5 Kg / in composite ± 10 Kg.

**Code 80.0506.006**