

## ▶ DUCT A ECO

### Supplied air respirator - Fresh air supply system



#### Technical specifications

##### ▶ Powered ventilation

**Power supply:** 230 Vac

##### Fresh air supply pipe hose:

- For 1 user: 60 meters (6 hoses of 10 meters)
- For 2 users : 30 meters for each user (with the 2nd kit option)

**Sound intensity:** from 55 dB(A) to 85 dB(A) depending on the variator

##### Operating conditions:

- Temperature: from - 20 ° C to + 40 ° C
- Atmospheric pressure: between 0,8 bar and 1,1 bar

##### Certifications:

- EN 138 :1994
- UE regulation 2016/425.

##### ▶ Full mask

- Class 2 full face mask with negative pressure
- Polycarbonate lens with large visual field
- Standard threaded connection Rd 40x1/7" according to EN 148-1
- Ergonomic outer skirt with double sealing lip
- Set of 5-point EPDM flange
- P Weight: approx 580 grams

#### Codification

Description	Reference
DUCT A ECO complete kit with its case (without mask)	14001ECO0
Second user kit (without mask)	14016ECO0
10 meters fresh air supply hose	14017ECO
Class 2 full face mask	113020000

#### Product description

The **DUCT A ECO** is a full facepiece fresh air supplied air respirator designed for use in oxygen deficient environments or confined spaces such as tanks, reservoirs, silos, wells, sewers, etc. The operating principle is very simple: clean air is provided using an electric motor outside the work area.

It is an intuitive and very easy to use device - ideal for inexperienced operators - requiring only basic training. It is equipped with an electric blower attached to the end of the supply hose (maximum 60 meters) which pumps fresh air to the operator.

The **DUCT A ECO** is respiratory protective equipment in compliance with the EN 138: 1994 standard. The breathing effort is reduced or even null thanks to a powered ventilator supplying air directly to the facepiece via the corrugated tube. The main advantage of this type of device is the breathing effort reduction, so it is particularly suitable and preferred for long-term or strenuous work such as tanks or reservoirs cleaning, for example.

The **DUCT A ECO** is composed of a support harness including an adjustable belt and a shoulder pad with Velcro to keep the fresh air supply hose on the operator's shoulder and give him freedom of movement in limited spaces . The manifold, placed on the belt, makes the junction between the hose connected to the mask and the external air supply hose. The manifold comes with an excess air relief valve.

As standard, the device is equipped with a replaceable (dust) air filter. If the powered ventilation is cut off, the operator can continue to breathe, although with extra effort, and can leave the work area safely.

The **DUCT A ECO** can be used by one or two operators at the same time. The fresh air supply hose has a 10 meters length and it is possible to connect up to 6 hoses for one user (ie a distance up to 60 meters) or 3 hoses for 2 users. A bayonet connector allows the hoses to be joined to achieve the desired final length.

The kit is delivered in a storage box and includes the powered fan, the support harness, the manifold with valve, a 10 meter long hose (fresh air) and the connecting hose with the mask (without mask).

▶ Please note that the **DUCT A ECO** is compatible with all RD DIN40 negative pressure respiratory protective masks, 40mm universal connection compliant with the EN148-1 standard.