

## DUCT ECO / DUCT A ECO ISOLATING FRESH AIR RESPIRATORS

**DUCT** is a range of Isolating Fresh Air Respirators with full facemask designed to be used in **confined spaces** such as tanks, silo, wells, sewer systems, etc., restricted spaces where the air ventilation can suddenly change modifying the concentration of the toxics present in the atmosphere. Areas where it is possible to take uncontaminated air from the surrounding environment without addition of compressed air.

**DUCT** is available in two versions:

- **DUCT ECO, unassisted** fresh air respirator, it uses for breathing the lung power only.
- **DUCT ECO A, assisted** fresh air respirator, the respiration is facilitated by an electric fan. It can be used by two operators simultaneously.

The operating principle is the same for both versions: the operator breathes air coming from outside the polluted area through a corrugated hose.

**DUCT** is a device of extremely simple use, easy and intuitive, ideal for unskilled workers and requires a basic training only.

The hose, in position over the shoulders, grants easy movements. Its reduced weight and the case with handles make the set easily transportable.

**DUCT** requires low level of maintenance operations.

### TECHNICAL DESCRIPTION

**DUCT ECO (unassisted)** and **DUCT A ECO (assisted)** are composed by a **supporting harness** with adjustable waist-belt and shoulder-belt provided with velcro clasp to fix the breathing hose on shoulders allowing the operator to easily move in narrow spaces.

The **manifold**, placed at the waist-belt, joins the breathing hose and the feeding hose. In the assisted version the manifold comes complete with an overflow valve.

