



## **USER INSTRUCTION MANUAL FOR THE PARTICULATE FILTER**

Please read the user instruction manual before using the respiratory system and be aware of the following points:

- The person using the respiratory system must have read the user manual and fully understood the functions and settings on the Air fed system.
- The Oxygen level in the working area must be minimum 17% Volume.
- Areas lacking in ventilation, such as man-holes, containers, working inside pipe lines should not be entered with our Air fed system carrying the filter or areas where contaminants are above 20 times the relevant exposure level.
- The composition of the fumes generated during the welding process must be known.
- Particle filters can't be used to filter organic fumes and vapours.
- If work is required in areas with particles, fumes and vapours you will need a combination filter with the adequate Air fed system.
- The respiratory system must be used according to the concentration of fumes and vapours in the ambient air.
- The filter must be used in combination with a tested blower unit.
- Do not use the respiratory systems in areas where explosions might occur
- If the blower unit acoustic alarm sounds please leave immediately the working area and get into a non-contaminated environment.
- Use the respiratory system in conditions where the temperature is not below 0°C and minimum of +40°C.

All products returned for warranty replacement will be accepted only if the unit has been sealed, inspected and the filter replaced with regularity.

### **Warning**

- It should first be ascertained by consulting an occupational hygienist or by calling the manufacturers help line as to whether or not the filter will offer suitable protection from the hazard.
- Please use Filters packed in original packaging only, unsealed products should not be used.
- Filters with damaged sealing gasket or any visible damage to the casing should not be used.

### **Removing the filter**

Opening the filter cover and pull the filter off with a slight twisting action.

### **Fitting the filters**

After first having checked the filter for any damage, place the filter over the air inlet cover and with a slight twisting action push the filter onto the seal of the blower unit. Push the filter cover closed.

### **Fault Finding**

- Should the alarm sound on the blower unit please leave the working area and inspect the unit in a non-contaminated working place.
- With the Air fed powered remove the filter to establish if the blockage of the filter is causing the alarm to sound; if the alarm still sounds after removing the filter it might be that the unit needs re-charging.
- The blower unit will ring for 4 seconds once powered; if the alarm still sounds after 4 seconds please check if the hose has no blockage; otherwise the battery needs re-placing or re-charging.
- Inspect the blower unit and reassure the filter is sealed; only then assemble the new filter into the blower with a snap action.

**Filter markings • Filter**

Colour marking: White

EN certification: EN12941:1998

Notified body number: 0158

Product label: see filter label

**Applications**

The filter can be used against the majority of particles (hard particles, fluid-aerosols, bacteria, viruses and enzymes); against radioactive dust, microorganisms and enzymes the PSL filter should be used only once.

**Storage**

The filters should be stored in a dry, clean area, in the temperature range of 0°C to +40°C and relative humidity less than 75% RH. The filters must be protected from dust, particles and other contamination when stored.

**Product Life**

The filter life-time depends on the conditions and the concentration of particles where this product is being used as well as the length of time the system is being used by the operator.

**NEVER USE SECOND HAND FILTERS**