

NBC Survivor 40

- The **NBC Survivor 40** is a combined ventilation unit for NBC protection. It is installed in a safe room or in a shelter. The **NBC Survivor 40** provides for breathable air to the shelter occupants (oxygen amount) and the evacuation of exhaust air (CO₂ amount, odours).
- A small overpressure avoids the entering of contaminated air. The **NBC Survivor 40** removes all known war gases and biological war agents from the sucked in outside air (see page 1.15.109).
- The air intake as well as the air outlet are equipped with an explosion protection valve, provided that the room is statically strong enough, the **NBC survivor 40** will also resist to the pressure effects of nuclear or conventional weapons.
- The **NBC Survivor 40** consists of:
 - explosion protection valve with pre-filter
 - high efficiency filter
 - gas absorption filter
 - blower with electrical motor
 - silencer
 - air rate meter
 - emergency drive
- The **NBC Survivor 40** is a very robust design. It is shock tested with 16 g. The gastight casing guarantees a long life time of the gas absorption filter, (min. 20 years, seals unbroken)
Electrical motor, blower & accessories (min. 5 years)
- The surface treatment of the complete steel casing is made with a war gas resistant approved powder coat.
- The centrifugal blower with the installed silencer guarantees a very low noise level (below 50 dbA).
- In case of power failure, the double acting hand bellow (emergency drive) supplies an even air volume without efforts.
The hand bellow is attached with a quick fastening device.
- For protection in case of a nuclear power plant accident, the gas absorption filter can be exchanged with an appropriate special filter.
- The **NBC Survivor 40** is sufficient for 10 persons.
- With the blower variable speed control, the air volume can be adjusted from 20 to 40 m³/h.

- The **NBC Survivor 40** is available with two different voltages
 - 1 x 220V - 60 Hz
 - 1 x 100-120V - 50-60 Hzpower consumption max. 80 Watt
- The **NBC Survivor 40** is easy to install. For the air in and outlet a hole of diameter 75-80 mm is drilled in the wall. With screw rods, the splinter plate PP 40 is mounted with the air intake explosion protection valve and at the exhaust air side with the overpressure explosion protection valve.
- The **NBC Survivor 40** is fastened to the wall with 4 anchor bolts.
- In peace time the air intake opening is closed with a quick closing tight cap, the overpressure explosion protection valve without overpressure is also closed.
- In crisis situation, the air intake is connected to the **NBC Survivor 40** with a war gas resistant flexible hose.
- The **NBC Survivor 40** is a high class quality product, manufactured with the knowledge and expertise of 35 years activity in the shelter technology.