

# 1.0 TURBO ULV SAFETY INSTRUCTIONS AND ACCIDENT PREVENTION

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## Intended Use

The pulsFOG foggers are designed for fogging all kinds of pesticides, disinfectants and pest control agents authorized and approved for application by fogging insofar as there are no risks for the environment, humans, animals and property involved. Failure to comply with these precautions may result in fire or accidents. Observe the EU Directive **89/391/EEC** (e.g. Article 6) and **1999/92/EC** (ATEX 137, e.g. Article 5)

## Contrary to intended use

Contrary to intended use and improper handling may cause hazards for people, objects and environment. With a not intended use of the unit the general permit of operation/use expires.

- The equipment is restricted to professional use by persons of age and qualified operators.
- Read and fully respect the instruction manuals of the unit and the fogging product.
- Observe the applicable regulations of the local regulatory laws.
- Only use extension cables suitable for a power consumption of at least 1.2 kW.
- The fogging tap must remain closed whenever the motor is not running.
- Check the functional safety of the unit (e.g. by trial fogging with water). Repair any loose or leaking lines as well as any other malfunctions before starting a fogging job. If functional safety is not ensured, do not put the unit into operation.
- Observe the material safety data sheet of the fogging product.
- The fogging product must be officially approved for the intended application by the manufacturer
- Before use, make sure that the fogging solution to be applied is compatible with the equipment materials. For example, solvents can cause damage to plastic components or adhesive joints.
- A risk analysis must be carried out before use in order to take appropriate measures and avoid or reduce risks, especially when using flammable agents. The respective explosion protection limit of the agent must be observed. Corresponding information must be obtained from the agent manufacturer.
- Whenever fogging chemical wear suitable protective clothing during the preparatory work and during fogging (full-face mask with filter A<sub>2</sub> B<sub>2</sub>-P<sub>3</sub>, protective suit, gloves and rubber boots).
- Aerosols, vapours or suspended dusts of flammable substances, as well as acids releasing oxygen and/or chlorine may ignite (explode). In order to avoid fire or explosion hazard do not run the fogger inside environments under such conditions. Find out from the manufacturer about the ingredients of the fog solution and their risks. The fogging unit is **not explosion proof** and could be an ignition source.
- Do not fog indoors if there is a risk of dust explosion (e.g. grain dust).
- For treatment of indoor spaces it must be ensured that the unit can only draw in clean cooling air without fogging solution. This applies in particular to flammable fog solutions, in which case the unit should be placed outside the room and the fog introduced, e.g. via a hatch.
- Use oxygen and chlorine releasing chemicals (e.g. peroxides) and other acids only with acid resistant models, and only for solutions with a pH value between 5 and 9.
- Do not fog towards hot surfaces or electric cables.

- For stationary applications place the unit in a safe and upright position with the hand piece hooked and do not leave the unit unattended. For portable applications carry the unit with the strap over your shoulder.
- If the motor stops unintentionally during the application, close the fogging tap immediately (**When the motor stops and the fogging tap is open, after-dripping of fogging liquid may occur**).
- Make sure to distribute the fog evenly in the room. On stationary applications provide for air circulation.
- Secure treated rooms against unauthorized access (i. e. provide warnings outside). Always keep treated rooms closed and eliminate leakages. Ventilate treated rooms sufficiently before re-using them.
- Do not operate the unit without the air filter and the air filter cover in place, as exposed moving parts may cause accidents and injury.
- Repairs must be performed by qualified personnel only, such as an authorized pulsFOG distributors or a qualified electrician.

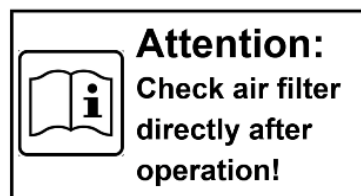
**Attention:**



No fire and  
No smoking



Read Operating  
Instruction



Check air filter directly  
after operation!