

Turbo ULV Safety Instructions

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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 this type of application insofar as there are no risks for the environment, human beings and animals involved. Failure to comply with these may result in fire or accidents. Observe the EU Directive **89/391/EC** (i.e. Article 6) and **1999/92/EC** (ATEX 137, i. e. 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 respect instruction manual of the unit and of the pesticide. However, without restricting the unit manufacturer's operating instructions in any way.
- Observe the applicable regulations of the local public utility.
- Only use extension cables for a power consumption of min. 1,0 kW.
- Fogging tap must be closed every time if engine is not running.
- Check the functional safety of the unit (e.g. by trial fogging with water). Repair any loose or leaking lines. If functional safety is not ensured, do not put the unit into operation.
- Observe the material safety data sheet of the fogging product.
- The pesticide must be officially approved for the intended application
- Wear suitable protective clothing during the preparatory work and when fogging (full-face mask with filter A₂ B₂-P₃, protective suit, gloves, rubber boots) .
- Any formation of aerosols or fogs from flammable substances or acids releasing oxygen and chlorine in a mixture with air and/or dust always involves the risk of fire or explosion if there is a source of ignition.
- Observe the explosion limit of a pesticide and avoid over dosage accordingly. Only use non-inflammable liquids (without a flash point) for treatments in rooms where a dust explosion hazard exists. Unit is not explosion proof.
- Use Oxygen and chlorine releasing chemicals (e.g. peroxides) and other acids only with acid resistant equipment. Ph-value limited from 4,5-8,5
- Do not fog towards hot surfaces or electric cables.
- Do not fog in rooms with a temperature exceeding 35°C.
- Only treat well closed rooms
- Arrange the unit in a safe and upright position with the hand piece hooked or carry it with the strap over your shoulder. In case of stationary use, do not leave the unit unattended. Carry out automatic or stationary room fogging **with highly inflammable liquids only from the outside in** (the turbine must take in fog-free cooling air).
- Open or close the fogging valve only with the motor running. If the motor stops unintentionally, close the fogging valve immediately and depressurise the tank (**When the motor stops and the fogging valve is open, after-dripping of fogging liquid may occur**)
- Make sure to distribute the fog evenly in the room. In 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.

Store in a safe place, use the original cardboard box if possible; store in a dry and dust-free room, protected against tilting and only with the rinsed chemical tank empty.