

Disinfection cold fog device for agriculture, breeding and food industry



The choice of perfection

Application areas:

- disinfection
- humidification / cooling
- odor neutralization
- pest control
- dust deposition and mold removal

for agriculture, breeding and animal husbandry, greenhouses, food industry, defense sector, construction site interiors etc.



Disinfection cold fogging device ST-83 for versatile indoor use

- Material: **Stainless steel / plastic**
- **Inexpensive** and safe application for disinfection, humidification or insect control of interiors, stables or greenhouses
- Also for use on construction sites for dust deposition or mold removal
- **No inhalation of disinfectant, pesticide or other active ingredient solutions since rooms do not have to be entered**
- The finest nebulization of active ingredients comes into the smallest gaps and into the last corner
- A compressed air connection is required: Inlet pressure 3 bar, 180-220 l / min.
- Uniform spray pattern with the finest droplets under 30 µm.
- **Extremely productive use:**
e.g. 1 liter for rooms with 60 m³, room size of approx. 25 m²
- Easy dosing of the disinfectant by ml scale, (100 ml each.)
- **Accessories available:**
adapter for 5 - 30 liter canister, further dosing nozzles from our range



new

Corrosion resistant:
stainless steel



Compressed air connection with shut-off valve

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Disinfection cold fog air device ST-83.
For compressed air connection 3 bar,
180-220 l / min.
Stainless steel / plastic

R+M Nr.	D	l
200 083 500	0.7	1 l



ST-83 adapter for 5 - 30 liter canisters.
Incl. 0.5 m clear PVC hose for suction
of chemicals, DN 4

R+M Nr.
200 083 200



Exchangeable nozzle inserts.
Plastic.
10 nozzle inserts (0.5 - 2.0 mm).
Incl. o-rings

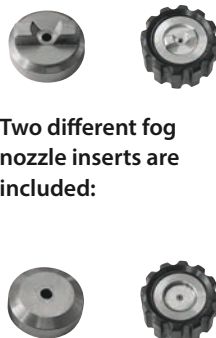
R+M Nr.
200 163 340

ST-83 is supplied with a 0.7 mm dosing insert.



Partial use: Even as a handheld device, even the smallest cracks and crevices can be reached with the cold mist.






Two different fog nozzle inserts are included:

Better swirling:
Particularly suitable in smaller rooms such as passenger compartments.

Larger throw range:
For the treatment of entire rooms or for targeted treatment at the air intake of ventilation systems.



Operating principle

Disinfection cold fog device ST-83:

The cold fogging device ST-83 is perfect for disinfection, humidification, cooling, odor neutralization, pest control, mold treatment and dust deposition for all small applications.

Preparation: The scale on the bottle allows the agent to be mixed directly in the bottle.

Connection: compressed air with an effective air flow of approx. 200 l / min. Air pressure of 3 bar is required.

Application: The cold disinfection device is placed in the room after the compressed air has been supplied. When using hazardous substances, the room should then be left quickly and largely locked. Without inhaling the solution, the cold mist spreads throughout the room and penetrates even the smallest cracks for optimal use.



Ventilation systems: For the targeted disinfection of the air inlet you will find the nozzle for the larger throw range in the scope of delivery.



Nozzle selection: The hand screw stop-nut makes changing it easy, depending on the area of application.