

# Disinfection cold fog device for hotels and restaurants



The choice of perfection

## Application areas:

- Disinfection
- Decontamination

of hotel rooms, accommodations, B + B, guest houses, inns, guest rooms, holiday apartments, restaurants, bars, pubs, restaurants, etc.



## Disinfection device ST-83, 1 liter, for cold mist disinfection of interiors

- Material: stainless steel / plastic
- **Inexpensive** and safe application for hygienically germ-free cleaning of interiors to remove microorganisms, viruses and bacteria
- **No inhalation of the disinfectant solution as 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 m<sup>3</sup>, room size of approx. 25 m<sup>2</sup>
- 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

Two different mist nozzle inserts with different spray patterns included in the scope of delivery



1 liter PE bottle with dosing scale

Handle

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	U
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



**Partial cleaning:** Also used as a handheld device, contaminated surfaces can be easily reached with the cold mist.



**Did you know that...**

**the droplet size is significantly dependent on the type and surface tension of the disinfectant?**

In general, the droplet sizes of the ST-83 are below 30 µm, even when the valve is fully open. Higher air pressures create smaller droplets.

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

**Operating principle**

**Disinfection cold fog device ST-83:**

**The cold fog device ST-83 is perfect for disinfection and odor neutralization for all small applications.**

**Preparation:** The specific dosage and selection of the disinfectant enables the removal of contaminants, viruses and bacteria without leaving any residue. 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 disinfection cold fog air device is installed in the room and connected to the compressed air. The room should then be left and largely closed. Without inhaling the disinfectant solution, the cold mist spreads throughout the room and penetrates even the smallest gaps for optimal disinfection. Odors can also be neutralized sustainably.

**Exchangeable nozzle inserts**

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

R+M Nr.
200 163 340



**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.

**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.