

Products overview



DN 40 / 22



DN 17 / 10



DN 80 / 70-Mobil



DN 80 / 70



DN 100 Mobil-Turbo

Your advantages at a glance

Flexible technology

- Robust and durable
- Easy to use
- Only minimal maintenance
- Stainless steel nozzles
- Small mobile units or fixed installations
- Automation with external control possible

High quality

- Finest fog
- Drop size 10 - 50 micron and bigger
- Dense fog reaches all niches
- At least 1 hour stable and effective *)
- High agent concentration possible

Great time savings

- Short application times
- No man power needed during application
- Fine fog in shortest time
- Maximum success by perfect fog distribution
- Ideal for prevention and repeat treatment sessions

For nebulization of different liquids

- Water, solutions, (etherial) oils
- Microorganisms
- Various liquids and flows without changing the nozzle (DN 40, DN 80 and DN 100)
- Liquid saving compared to foam and spraying applications *)

Improvement of working conditions

- No stay in treated areas
- Almost no contact with active substances
- Great improvement of working conditions

Our service for you

- Comprehensive information and advice
- Special devices according customer request
- Control according customer request
- Delivery of additional components
- Delivery of compressors

*) depending on the nebulized liquid

	DN 17 / 5 DN 17 / 10	DN 40 / 22	DN 80 / 22-DK	DN 80 / 60-DK	DN 80 / 60- Mobil-DK	DN 80 / 100- Mobil-DK	DN 100-DK Mobil-Turbo
Stainless steel nozzle	DN 17	DN 40	2x DN 40	2x DN 40	2x DN 40	2x DN 40	2x DN 40
Air flow at 3 bar	ca. 100 l/min	ca. 200 l/min	ca. 400 l/min	ca. 400 l/min	ca. 400 l/min	ca. 400 l/min	400 l/min
Air flow at 6 bar	ca. 200 l/min	ca. 400 l/min	ca. 800 l/min	ca. 800 l/min	ca. 800 l/min	ca. 800 l/min	800 l/min
Maximum reach	ca. 17 m	ca. 40 m	ca. 80 m	ca. 80 m	ca. 80 m	ca. 80 m	100 m
Maximum space volume	ca. 300 m³	ca. 3.000 m³	ca. 6.000 m³	ca. 6.000 m³	ca. 6.000 m³	ca. 6.000 m³	6.000 m³
Tank capacity	5 liter / 10 liter	22 liter	22 liter	60 liter	60 liter	100 liter	100 liter
Stop valve for air	•	•	•	•	•	•	•
Integrated float valve	optional						

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... by professionals for professionals.

Disinfection by application of fog

The fog generators of the DN series are used for effective application of disinfectants or pesticides for plant protection.

Operation of the fog generators is very simple. Only a high performance piston compressor is required for operation. The DN 100 Mobil-Turbo also requires a power connection for operation of pump and fan. The agent to be nebulized is premixed according to the manufacturer's instructions and filled into the reservoir. After that the fog generator is placed into the room to be treated and connected to the supply of compressed air. The agent will be applied.

After a defined time (depending on viscosity of the liquid, used dosing nozzle, air flow and air pressure) the room is completely filled with fog. Due to the extremely fine atomization of the agent it reaches every part of the room. The fog gets also in fine cracks, thus ensuring effective and consistent disinfection.

Depending on the dimensions of the room which has to be treated, different unit sizes are available. The operating distance of the standard units is between 17 m (56 ft) and 100 m (328 ft).

Most cases of application can be covered with the fog generators shown in this brochure. For larger rooms special fog generators are available, also as stationary fog installations with automatic control.

The fog generators can be used for different applications:

- **Disinfection**
- **Plant protection**
- **Humidification**
- **Pest control**
- **Fly control**
- **Dust suppression**
- **Odor removal**
- **Mold removal**



3 minutes after starting...



... approx. 6 minutes later



... approx. 24 minutes later



... approx. 30 minutes later

Selection list and performance characteristics:

Type	Reservoir capacity	Required air pressure	Required air volume	Operating distance	Flow Volume		
					Dry fog	Fog	Wet fog
DN 17 / 10	10 Liter / 2.2 gal	3 bar / 43 psi	> 100 l/min / > 22 gpm	up to 17 m / 55 ft	3,4 l/h / 0.75 gph	up to 5,0 l/h / 1.10 gph	up to 5,6 l/h / 1.23 gph
		6 bar / 86 psi	> 200 l/min / > 44 gpm		5,0 l/h / 1.10 gph	up to 7,0 l/h / 1.54 gph	up to 7,5 l/h / 1.65 gph
DN 40 / 22	22 Liter / 4.8 gal	3 bar / 43 psi	> 200 l/min / > 44 gpm	up to 40 m / 130 ft	1,8 l/h / 0.40 gph	up to 6,0 l/h / 0.88 gph	up to 12 l/h / 2.64 gph
		6 bar / 86 psi	> 400 l/min / > 88 gpm		3,6 l/h / 0.79 gph	up to 12 l/h / 2.64 gph	up to 24 l/h / 5.28 gph
DN 80 / 70	80 Liter / 17.6 gal	3 bar / 43 psi	> 400 l/min / > 88 gpm	up to 80 m / 260 ft	3,6 l/h / 0.79 gph	up to 12 l/h / 2.64 gph	up to 24 l/h / 5.28 gph
		6 bar / 86 psi	> 800 l/min / > 176 gpm		7,2 l/h / 1.58 gph	up to 24 l/h / 5.28 gph	up to 48 l/h / 10.6 gph

Professional disinfection technology ...