



Liquid nebulizer with binary nozzle and cyclone (cut-off: 10  $\mu\text{m}$ ) as per VDI 3491-6

## Benefits

- Generation of high mass flows of up to approx. 25 g/h
- Exact adjustment of the operating parameters
- Number concentration ( $C_N$ ) can be varied by the factor 10
- Particle size distribution remains virtually constant, if  $C_N$  is modified
- Number distribution maximum is within the MPPS range
- Virtually no power losses
- Optimal concentration, no coagulation losses
- Resistant to numerous acids, bases, and solvents
- Robust design, stainless steel housing
- Easy to operate
- Long dosing time

## Applications

- **Clean room technology**
  - Acceptance tests and leak tests as per ISO 14644 and VDI 2083
  - Leak tests, fit testing
  - Recovery tests
- **Filter testing, quality control**
  - Filter cartridges
  - Car interior filters
  - Filter media, particulate air filters, HEPA/ULPA filters
  - Compressed air filters
- **Tracer particles**

## Model Variations



**AGF 10.0 D**  
Pressure-resistant version of the AGF 10.0 series

<https://www.palas.de/product/agf10d>

<https://www.palas.de/product/agf10>

## Datasheet

Parameter	Description
Volume flow	14 – 35 l/min
Dimensions	240 • 385 mm (Ø • L)
Weight	Approx. 4 kg
Particle material	DEHS, DOP, Emery 3004, paraffin oil, other non-resinous oils
Dosing time	> 24 h
Mass flow (particles)	< 25 g/h (DEHS)
Compressed air connection	Quick coupling
Aerosol outlet connection	Ø <sub>inside</sub> = 20 mm, Ø <sub>outside</sub> = 30 mm
Mean particle diameter (number)	0.5 µm
Biggest particle diameter	10 µm
Filling quantity	300 ml

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