

Available globally



DRAABE Industrietechnik GmbH
Schnackenburgallee 18
D - 22525 Hamburg
Germany

Phone: + 49 40 - 85 32 77 - 0
Fax: + 49 40 - 85 32 77 - 44

e-mail: draabe@draabe.com
Internet: www.draabe.com

DRAABE
a WMH Company

DRAABE AirFog

DRAABE is one of the leading manufacturers of systems for industrial direct room humidification. DRAABE systems used in the most varied of application fields guarantee regulated air humidity and thus protect against processing problems and quality impairments.

The systematic character enables customers to enjoy flexible and customised solutions. As a company in the Axair Group, DRAABE is part of a powerful group, which is a global leader in the development, manufacture and sale of air humidification systems. Around the world, more than 50 dealerships partner us and serve as guarantors for proficient consulting, service and customer orientation on every continent.

DRAABE
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Air Humidification System
AirFog



Air Humidification System

All you'll ever need:
Variable, simple, compact...



AirFog Vario with control unit, supply unit and individually positionable AF-1 nozzles

The AirFog compressed-air nozzle system excels on account of its simple operation, flexible application options and the AF-1 self-cleaning vacuum nozzle. Proven, robust technology guarantees reliable and low-maintenance operation.

AirFog Vario – High flexibility through modular design

For each control loop the AirFog Vario variant can achieve outputs of 7 to 140 kg/h (1-20 AF-1 nozzles). The nozzles can be individually positioned to suit particular requirements in the area in question. Its modular design enables an ideal humidity distribution to be achieved, particularly in large rooms (or ones full of corners) and for the humidification of material tracks. The individual system components are designed for wall mounting.



AirFog Vario Easy with control unit, console and supply unit (vacuum / primary air valve)

AirFog Vario Easy – Low installation outlay

AirFog Vario Easy is delivered as a factory-assembled, complete unit for fast mounting to walls or ceilings. With a max. output of 140 kg/h (1 control loop with a maximum 20 AF-1 nozzles) the system is ideal, where high humidification outputs are required, but installation outlay is to be kept at a minimum. The consoles are available in different lengths with various numbers of nozzles.



AirFog Compact with two nozzles and control unit

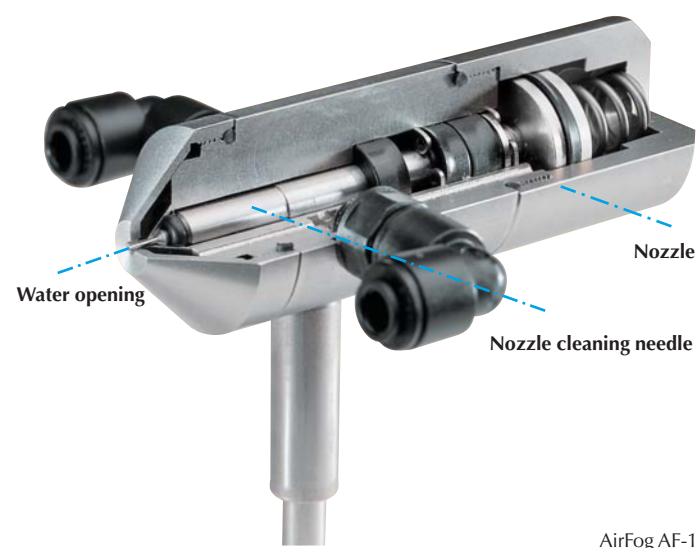
AirFog Compact – Fully factory assembled

The factory-assembled AirFog Compact variant excels on account of its quick, easy assembly and fast initial start-up. With 7 kg/h (1 nozzle) or 14 kg/h (2 nozzles) the system is particularly suited for smaller premises.

AirFog

Self-cleaning AF-1 nozzle:
Simply good

A single controller is all it takes to operate the AirFog humidification system. To counteract deposits on the nozzle outlet, the control unit performs automatic cleaning of the nozzles. Indicator lamps display the operating status at any given time.



AirFog AF-1

Clear advantages
at a glance

- No special water treatment**
In many cases the AirFog-system can be operated using normal tap water. It is advisable to use a primary filter 5 µm.
- Self-cleaning nozzle**
To counteract deposits at the nozzle outlet, the AF-1 vacuum nozzle is automatically cleaned. This in turn serves to guarantee an optimum spray pattern and uninterrupted operation.
- Low-maintenance operation**
Reliable control and long-standing tried-and-tested technology guarantee continuous, low-maintenance service.
- System variants**
Three individually adapted system variants are available to match different room sizes and humidification requirements.

Output and size

Technical data	AirFog		
	Compact	Vario Easy	Vario
Max. output	7 kg/h (14 kg/h)	140 kg/h	140 kg/h
Compressed-air requirement*	57 NI/min	57 NI/min	57 NI/min
Nozzle material	CrNi steel	CrNi steel	CrNi steel
Power consumption (max.)	20 VA	20 VA	20 VA
Electrical connection	24V/50-60 Hz	24V/50-60 Hz	24V/50-60 Hz

*at 5 bar, per nozzle