

The humidifier for minimum quantities KMB is a product of the AIRWIN® brand of BOGA GmbH. It is used for the fully automatic production of aerosol mist from demineralised water according to the ultrasonic principle and its finest or surface dispersion using an end-user or an optional aerosol distribution system. It can be operated in bypass mode or can provide a fresh air flow individually using an optional fan module.

Specification

- Housing (shiny surface) with aerosol exhaust pipe made of demineralised water-resistant stainless steel
- Central electrical connection to 10-pole plug
- Ultrasonic oscillating circuit with 1.7 MHz exciter frequency with integrated fuse and temperature monitoring of the power transistors
- Power control according to pulse width modulation (PWM)
- Possibility to connect a hygostat
- Possibility to connect a control signal 0-10 VDC
- Possibility to connect a potentiometer for the humidification performance
- Possibility to connect an optional fan module (item No. 2002003)
- Manual switching between control signal and potentiometer input
- Solenoid valve for water inlet
- Water-technical connection without tools by means of hose connectors for metric hoses/pipes
- Automatic level control of the water level, dry-running protection, overheat protection, protection against overvoltage peaks, overflow protection, disconnection protection

Technical data

Max. humidification output	0.5	kg/h
Number of transducers:	1	
Power consumption	55	VA

Dimensions

Installation dimensions of humidifier – height x width x depth	162 x 315 x 54	mm
Aerosol exhaust pipe	Ø 32	mm
Hose water inlet	Ø 6	mm
Hose water overflow/discharge	Ø 8	mm
Weight	2	kg

Conditions of use

Power supply	48 / 50	V / Hz
Conductivity of demineralised water	5...20	µS/cm
Ambient temperature	5...45	°C
Ambient humidity	0...90	% RH
Water temperature	5...40	°C
Water pressure	1...3	bar

Scope of delivery

- KMB humidifier for minimum quantities
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm (incl. 100 mm hose)
- 10-pole plug, straight
- Elbow connector Ø 8 mm (2 pieces)
- Stop cock Ø 6 mm
- Stop cock Ø 8 mm

Product specification

Brand	AIRWIN®
Model	KMB
Item No.	7902000



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