

The universal humidifier UB/P-8 is a product of the brand AIRWIN® of BOGA GmbH. It serves for fully automatic generation of aerosol mist from demineralised water according to the ultrasonic principle. The humidifier's output is controlled by an external hygrostat (ON – OFF) or by a user's external continuous control signal. The spot or area fine distribution of the aerosol mist is made by an aerosol distribution system.

Description

- Housing (glossy surface) with aerosol outlet pipe made of stainless steel resistant to demineralised water
- Filtration of the intake air via washable grit filter
- Cross flow fan for cooling the electronics and the transport of the aerosol mist out of the outlet pipes
- Central electrical control at the 10 poles plug
- Ultrasonic resonance circuit unit with 1.7 MHz excitation frequency with integrated fuse and temperature control of the power transistors
- Output control via pulse width modulation (PWM)
- Electrical power connection 48 VAC at built-in socket
- Connection possibility for usual control signal e.g. 0-10 VDC, 0-20 mA, 4-20 mA
- Connection possibility for a hygrostat – also 2 steps
- Connection possibility for a safety chain
- Solenoid valve for water supply
- Water supply without any tools via tube connectors for metric tubes/pipes
- Automatic water level control, dry-running protection, overheating protection, overvoltage peak protection, overflow protection, disconnect protection, mains filter

Technical Data

Max. humidification output	4	kg/h
Number of transducers	8	units
Power consumption	310	VA

Dimensions

Installation dimensions humidifier HxWxD	219 x 735 x 290	mm
Aerosol outlet pipe	Ø 40	mm
Water supply tube	Ø 6	mm
Water overflow/ drainage tube	Ø 12	mm
Weight	14.6	kg

Operation Conditions

Power supply	48 / 50	V / Hz
Pure water conductivity	5...20	µS/cm
Ambient temperature	5...45	°C
Ambient humidity	0...90	% rH
Water temperature	5...40	°C
Water pressure	1...4	bar

Scope of delivery

- UB/P-8 universal humidifier
- Installation and operation instructions
- Water filter for tube D/d = 6/4 mm (incl. 100 mm tube)
- 3 poles part plug, 16 A
- 10-poles plug straight
- Stop cock Ø 6 mm

Product specification

Brand	AIRWIN®
Type	UB/P-8
Article-no.	7900508



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The universal humidifier UB/P-8-FB is a product of the brand AIRWIN® of BOGA GmbH. It serves for fully automatic generation of aerosol mist from demineralised water according to the ultrasonic principle. The humidifier's output is adjusted separately by knobs for 2 aerosol outputs each on the wired remote control. The spot or area fine distribution of the aerosol mist is made by an aerosol distribution system.

Beschreibung

- Housing (glossy surface) with aerosol outlet pipe made of stainless steel resistant to demineralised water
- Filtration of the intake air via washable grit filter
- Cross flow fan for cooling the electronics and the transport of the aerosol mist out of the outlet pipes
- Electrical power connection 48 VAC at built-in socket
- Central electrical control at the 10 poles plug
- Wired remote control with potentiometers for adjusting the humidifier's output from 0 to 100% for 2 aerosol outputs each, cable length 2 m
- Ultrasonic resonance circuit unit with 1.7 MHz excitation frequency with integrated fuse and temperature control of the power transistors
- Output control via pulse width modulation (PWM)
- Connection possibility for a limit hygostat
- Connection possibility for a safety chain
- Solenoid valve for water supply
- Water supply without any tools via tube connectors for metric tubes/pipes
- Automatic water level control, dry-running protection, overheating protection, overvoltage peak protection, overflow protection, disconnect protection, mains filter

Technical Data

Max. humidification output	4	kg/h
Number of transducers	8	units
Power consumption	310	VA

Dimensions

Installation dimensions humidifier HxWxD	219 x 735 x 290	mm
Installation dimensions remote control HxWxD	63 x 202 x 104	mm
Aerosol outlet pipe	Ø 40	mm
Water supply tube	Ø 6	mm
Water overflow/ drainage tube	Ø 12	mm
Weight humidifier	14.6	kg
Weight remote control	0.4	kg

Operation Conditions

Power supply	48 / 50	V / Hz
Pure water conductivity	5...20	µS/cm
Ambient temperature	5...45	°C
Ambient humidity	0...90	% rH
Water temperature	5...40	°C
Water pressure	1...4	bar

Scope of delivery

- UB/P-8-FB universal humidifier
- Wired 4 channels remote control with potentiometers
- Installation and operation instructions
- Water filter for tube D/d = 6/4 mm (incl. 100 mm tube)
- 3 poles part plug, 16 A
- 10-poles plug straight
- Stop cock Ø 6 mm

Product specification

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Type	UB/P-8-FB
Article-no.	7901508



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AIRWIN
Die Kunst der Luftbefeuchtung
The art of humidification

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The universal humidifier UB/P-D8 is a product of the brand AIRWIN® of BOGA GmbH. It serves for fully automatic generation of aerosol mist from demineralised water according to the ultrasonic principle. The humidifier's output is controlled by an external hygrostat (ON – OFF) or by a user's external continuous control signal. The spot or area fine distribution of the aerosol mist is made by an aerosol distribution system.

Description

- Housing (glossy surface) with aerosol outlet pipe made of stainless steel resistant to demineralised water
- Filtration of the intake air via washable grit filter
- Cross flow fan for cooling the electronics and the transport of the aerosol mist out of the outlet pipes
- Electrical power connection 48 VAC at built-in socket
- Central electrical control at the 10 poles plug
- Ultrasonic resonance circuit unit with 1.7 MHz excitation frequency with integrated fuse and temperature control of the power transistors
- Output control via pulse width modulation (PWM)
- Connection possibility for usual control signal e.g. 0-10 VDC, 0-20 mA, 4-20 mA
- Connection possibility for a safety chain
- Connection possibility for a hygrostat – also 2 steps
- Solenoid valve combination for water supply and water drainage
- Water supply without any tools via tube connectors for metric tubes/pipes
- Automatic water level control, dry-running protection, overheating protection, overvoltage peak protection, overflow protection, disconnect protection, mains filter
- **AquaDrain:** integrated hygiene management for cyclical flushing of the water inlet pipe and cyclical or permanent emptying of the fluid tank according to pre-set parameters

Technical Data

Max. humidification output	4	kg/h
Number of transducers	8	units
Power consumption	310	VA

Dimensions

Installation dimensions humidifier HxWxD	219 x 799 x 290	mm
Aerosol outlet pipe	Ø 40	mm
Water supply tube	Ø 6	mm
Water overflow/ drainage tube	Ø 12	mm
Weight	15	kg

Operation Conditions

Power supply	48 / 50	V / Hz
Pure water conductivity	5...20	µS/cm
Ambient temperature	5...45	°C
Ambient humidity	0...90	% rH
Water temperature	5...40	°C
Water pressure	1...4	bar

Scope of delivery

- UB/P-D8 universal humidifier
- Installation and operation instructions
- Water filter for tube D/d = 6/4 mm (incl. 100 mm tube)
- Drainage tube Ø 12 mm (consisting of: tube, elbow connection, T-piece, screw-on connector)
- 3 poles part plug, 16 A
- 10-poles plug straight
- Stop cock Ø 6 mm

Product specification

Brand	AIRWIN®
Type	UB/P-D8
Article-no.	7900608



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The universal humidifier UB/P-D8-FB is a product of the brand AIRWIN® of BOGA GmbH. It serves for fully automatic generation of aerosol mist from demineralised water according to the ultrasonic principle. Performance of the humidifier is controlled by turning knobs for two aerosol outputs each at the wired remote control. The spot or area fine distribution of the aerosol mist is made by an aerosol distribution system.

Description

- Housing (glossy surface) with aerosol outlet pipe made of stainless steel resistant to demineralised water
- Filtration of the intake air via washable grit filter
- Cross flow fan for cooling the electronics and the transport of the aerosol mist out of the outlet pipes
- Electrical power connection 48 VAC at built-in socket
- Central electrical control at the 10 poles plug
- Wired remote control with potentiometers for adjusting the humidifier's output from 0 to 100% for two aerosol outputs each, cable length 2 m
- Ultrasonic resonance circuit unit with 1.7 MHz excitation frequency with integrated fuse and temperature control of the power transistors
- Output control via pulse width modulation (PWM)
- Connection possibility for a limit hygrostat
- Connection possibility for a safety chain
- Solenoid valve combination for water supply and water drainage
- Water supply without any tools via tube connectors for metric tubes/pipes
- Automatic water level control, dry-running protection, overheating protection, overvoltage peak protection, overflow protection, disconnect protection, mains filter
- **AquaDrain**: integrated hygiene management for cyclical flushing of the water inlet pipe and cyclical or permanent emptying of the fluid tank according to pre-set parameters

Technical Data

Max. humidification output	4	kg/h
Number of transducers	8	units
Power consumption	310	VA

Dimensions

Installation dimensions humidifier HxWxD	219 x 799 x 290	mm
Installation dimensions of remote control - HxWxD	63 x 202 x 104	mm
Aerosol outlet pipe	Ø 40	mm
Water supply tube	Ø 6	mm
Water overflow/ drainage tube	Ø 12	mm
Weight of humidifier	13	kg
Weight of remote control	0,4	kg

Operation Conditions

Power supply	48 / 50	V / Hz
Pure water conductivity	5...20	µS/cm
Ambient temperature	5...45	°C
Ambient humidity	0...90	% rH
Water temperature	5...40	°C
Water pressure	1...4	bar

Scope of delivery

- UB/P-D8-FB universal humidifier
- Wired 4-channel remote control with potentiometers
- Installation and operation instructions
- Water filter for tube D/d = 6/4 mm (incl. 100 mm tube)
- Drainage tube Ø 12 mm (consisting of: tube, elbow connection, T-piece, screw-on connector)
- 3 poles part plug, 16 A
- 10-poles plug straight
- Stop cock Ø 6 mm

Product specification

Brand	AIRWIN®
Type	UB/P-D8-FB
Article-no.	7901608



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