

The direct room humidifier RB/P-2 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. Performance of the humidifier is controlled by an external ON/OFF signal or by a continuously proportional control signal.

### Specification

- Housing made of demineralised water-resistant stainless steel (shiny surface) with detachable cover
- Exhaust ducts made of plastic with integrated drip catchers
- Filtering of the intake air by washable coarse filter
- Cross flow fan for large air flow rate
- Electrical connection via connectors for power and control, included in the scope of delivery
- 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 standard control signals, e.g. 0-10 VDC, 0-10 mA, 4-10 mA
- Possibility to connect a hygrostat - also 2-stage
- Possibility to connect a safety chain
- 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	1	kg/h
Number of transducers:	2	
Power consumption	110	VA

### Dimensions

Installation dimensions of humidifier – height x width x depth	176 x 358 x 290	mm
Hose water inlet	Ø 6	mm
Hose water overflow/discharge	Ø 12	mm
Weight	6	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...4	bar

### Scope of delivery

- RB/P-2 direct room humidifier
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm (incl. 100 mm hose)
- Plug 3-pole, 16 A
- 10-pole plug, straight

### Product specification

Brand	AIRWIN®
Model	RB/P-2
Item No.	7901102



Rev 11/2016



The direct room humidifier RB/P-4 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. Performance of the humidifier is controlled by an external ON/OFF signal or by a continuously proportional control signal.

### Specification

- Housing made of demineralised water-resistant stainless steel (shiny surface) with detachable cover
- Exhaust ducts made of plastic with integrated drip catchers
- Filtering of the intake air by washable coarse filter
- Cross flow fan for large air flow rate
- Electrical connection via connectors for power and control, included in the scope of delivery
- 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 standard control signals, e.g. 0-10 VDC, 0-10 mA, 4-10 mA
- Possibility to connect a hygrostat - also 2-stage
- Possibility to connect a safety chain
- 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	2	kg/h
Number of transducers:	4	
Power consumption	180	VA

### Dimensions

Installation dimensions of humidifier – height x width x depth	176 x 467 x 290	mm
Hose water inlet	Ø 6	mm
Hose water overflow/discharge	Ø 12	mm
Weight	6	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...4	bar

### Scope of delivery

- RB/P-4 direct room humidifier
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm (incl. 100 mm hose)
- Plug 3-pole, 16 A
- 10-pole plug, straight

### Product specification

Brand	AIRWIN®
Model	RB/P-4
Item No.	7901104



Rev 11/2016



The direct room humidifier RB/P-6 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. Performance of the humidifier is controlled by an external ON/OFF signal or by a continuously proportional control signal.

### Specification

- Housing made of demineralised water-resistant stainless steel (shiny surface) with detachable cover
- Exhaust ducts made of plastic with integrated drip catchers
- Filtering of the intake air by washable coarse filter
- Cross flow fan for large air flow rate
- Electrical connection via connectors for power and control, included in the scope of delivery
- 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 standard control signals, e.g. 0-10 VDC, 0-10 mA, 4-10 mA
- Possibility to connect a hygrostat - also 2-stage
- Possibility to connect a safety chain
- 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	3	kg/h
Number of transducers:	6	
Power consumption	240	VA

### Dimensions

Installation dimensions of humidifier – height x width x depth	176 x 557 x 290	mm
Hose water inlet	Ø 6	mm
Hose water overflow/discharge	Ø 12	mm
Weight	10	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...4	bar

### Scope of delivery

- RB/P-6 direct room humidifier
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm (incl. 100 mm hose)
- Plug 3-pole, 16 A
- 10-pole plug, straight

### Product specification

Brand	AIRWIN®
Model	RB/P-6
Item No.	7901106



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The direct room humidifier RB/P-8 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. Performance of the humidifier is controlled by an external ON/OFF signal or by a continuously proportional control signal.

### Specification

- Housing made of demineralised water-resistant stainless steel (shiny surface) with detachable cover
- Exhaust ducts made of plastic with integrated drip catchers
- Filtering of the intake air by washable coarse filter
- Cross flow fan for large air flow rate
- Electrical connection via connectors for power and control, included in the scope of delivery
- 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 standard control signals, e.g. 0-10 VDC, 0-10 mA, 4-10 mA
- Possibility to connect a hygrostat - also 2-stage
- Possibility to connect a safety chain
- 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	4	kg/h
Number of transducers:	8	
Power consumption	310	VA

### Dimensions

Installation dimensions of humidifier – height x width x depth	176 x 647 x 290	mm
Hose water inlet	Ø 6	mm
Hose water overflow/discharge	Ø 12	mm
Weight	12	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...4	bar

### Scope of delivery

- RB/P-8 direct room humidifier
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm (incl. 100 mm hose)
- Plug 3-pole, 16 A
- 10-pole plug, straight

### Product specification

Brand	AIRWIN®
Model	RB/P-8
Item No.	7901108



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The direct room humidifier RB/P-10 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. Performance of the humidifier is controlled by an external ON/OFF signal or by a continuously proportional control signal.

### Specification

- Housing made of demineralised water-resistant stainless steel (shiny surface) with detachable cover
- Exhaust ducts made of plastic with integrated drip catchers
- Filtering of the intake air by washable coarse filter
- Cross flow fan for large air flow rate
- Electrical connection via connectors for power and control, included in the scope of delivery
- 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 standard control signals, e.g. 0-10 VDC, 0-10 mA, 4-10 mA
- Possibility to connect a hygrostat - also 2-stage
- Possibility to connect a safety chain
- 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	5	kg/h
Number of transducers:	10	
Power consumption	370	VA

### Dimensions

Installation dimensions of humidifier – height x width x depth	176 x 737 x 290	mm
Hose water inlet	Ø 6	mm
Hose water overflow/discharge	Ø 12	mm
Weight	14	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...4	bar

### Scope of delivery

- RB/P-10 direct room humidifier
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm (incl. 100 mm hose)
- Plug 3-pole, 16 A
- 10-pole plug, straight

### Product specification

Brand	AIRWIN®
Model	RB/P-10
Item No.	7901110



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The direct room humidifier RB/P-16 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. Performance of the humidifier is controlled by an external ON/OFF signal or by a continuously proportional control signal.

### Specification

- Housing made of demineralised water-resistant stainless steel (shiny surface) with detachable cover
- Exhaust ducts made of plastic with integrated drip catchers
- Filtering of the intake air by washable coarse filter
- Cross flow fan for large air flow rate
- Electrical connection via connectors for power and control, included in the scope of delivery
- 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 standard control signals, e.g. 0-10 VDC, 0-10 mA, 4-10 mA
- Possibility to connect a hygrostat - also 2-stage
- Possibility to connect a safety chain
- 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	8	kg/h
Number of transducers:	16	
Power consumption	650	VA

### Dimensions

Installation dimensions of humidifier – height x width x depth	176 x 1069 x 290	mm
Hose water inlet	Ø 6	mm
Hose water overflow/discharge	Ø 12	mm
Weight	21	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...4	bar

### Scope of delivery

- RB/P-16 direct room humidifier
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm (incl. 100 mm hose)
- Plug 3-pole, 16 A
- 10-pole plug, straight

### Product specification

Brand	AIRWIN®
Model	RB/P-16
Item No.	7901116



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