

The direct room humidifier RB/P-D2 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 combination for water supply and water drainage
- 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
- **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	1	kg/h
Number of transducers	2	
Power consumption	110	VA

Dimensions

Installation dimensions of humidifier – height x width x depth	176 x 420 x 290	mm
Hose water inlet	Ø 6	mm
Hose water overflow/discharge	Ø 12	mm
Weight	7	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)
- Outlet tube Ø 12 mm (consisting of pipe, angle, T-piece, screw connector)
- Plug 3-pole, 16 A
- 10-pole plug, straight

Product specification

Brand	AIRWIN®
Model	RB/P-2
Item No.	7901202



Rev 11/2016



The direct room humidifier RB/P-D4 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 combination for water supply and water drainage
- 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
- **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	2	kg/h
Number of transducers	4	
Power consumption	180	VA

Dimensions

Installation dimensions of humidifier – height x width x depth	176 x 529 x 290	mm
Hose water inlet	Ø 6	mm
Hose water overflow/discharge	Ø 12	mm
Weight	9	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-D4 direct room humidifier
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm (incl. 100 mm hose)
- Outlet tube Ø 12 mm (consisting of pipe, angle, T-piece, screw connector)
- Plug 3-pole, 16 A
- 10-pole plug, straight

Product specification

Brand	AIRWIN®
Model	RB/P-D4
Item No.	7901204



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BOGA GmbH
Werkstraße 16
D-59494 Soest
www.boga.de
+49 2921 96943-0



The direct room humidifier RB/P-D6 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 combination for water supply and water drainage
- 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
- **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	3	kg/h
Number of transducers	6	
Power consumption	240	VA

Dimensions

Installation dimensions of humidifier – height x width x depth	176 x 619 x 290	mm
Hose water inlet	Ø 6	mm
Hose water overflow/discharge	Ø 12	mm
Weight	11	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-D6 direct room humidifier
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm (incl. 100 mm hose)
- Outlet tube Ø 12 mm (consisting of pipe, angle, T-piece, screw connector)
- Plug 3-pole, 16 A
- 10-pole plug, straight

Product specification

Brand	AIRWIN®
Model	RB/P-D6
Item No.	7901206



Rev 11/2016



The direct room humidifier RB/P-D8 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 combination for water supply and water drainage
- 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
- **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	
Power consumption	310	VA

Dimensions

Installation dimensions of humidifier – height x width x depth	176 x 709 x 290	mm
Hose water inlet	Ø 6	mm
Hose water overflow/discharge	Ø 12	mm
Weight	13	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-D8 direct room humidifier
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm (incl. 100 mm hose)
- Outlet tube Ø 12 mm (consisting of pipe, angle, T-piece, screw connector)
- Plug 3-pole, 16 A
- 10-pole plug, straight

Product specification

Brand	AIRWIN®
Model	RB/P-D8
Item No.	7901208



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BOGA GmbH
Werkstraße 16
D-59494 Soest
www.boga.de
+49 2921 96943-0



The direct room humidifier RB/P-D10 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 combination for water supply and water drainage
- 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
- **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	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-D10 direct room humidifier
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm (incl. 100 mm hose)
- Outlet tube Ø 12 mm (consisting of pipe, angle, T-piece, screw connector)
- Plug 3-pole, 16 A
- 10-pole plug, straight

Product specification

Brand	AIRWIN®
Model	RB/P-D10
Item No.	7901110



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BOGA GmbH
Werkstraße 16
D-59494 Soest
www.boga.de
+49 2921 96943-0



The direct room humidifier RB/P-D16 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 combination for water supply and water drainage
- 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
- **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	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-D16 direct room humidifier
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm (incl. 100 mm hose)
- Outlet tube Ø 12 mm (consisting of pipe, angle, T-piece, screw connector)
- Plug 3-pole, 16 A
- 10-pole plug, straight

Product specification

Brand	AIRWIN®
Model	RB/P-D16
Item No.	7901216



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