The direct room humidifier RB/P-2/A 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 with detachable cover
- Exhaust ducts made of plastic with drip catchers
- Filtering of the intake air by washable coarse filter
- Cross flow fan for large air flow rate
- Central electrical control connection to 10-pole plug
- Ultrasonic oscillating circuit with integrated fuse and temperature monitoring of the power transistors
- Electrical power connection 48 V-AC at the built-in socket
- Possibility to connect standard control signals, e.g. 0-10 V-DC, 4-20 mA
- Possibility to connect a hygrostat - also 2-steps
- Possibility to connect a safety chain
- Solenoid valve for water supply
- Water-technical connection without tools by means of hose connectors for metric hoses/pipes
- Automatic level control of the water level, dry-running protection, overheating 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/A direct room humidifier
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm (incl. 100 mm hose)
- Stop cock Ø 6 mm
- Plug 3-pole, 16 A
- 10-pole plug, straight

**Product specification**
- Brand: AIRWIN®
- Model: RB/P-2/A
- Item No.: 7901112

**Product data sheet AIRWIN® RB/P-2/A**

Direct room humidifier

BOGA GmbH
Werkstraße 16
D-59494 Soest
www.boga.de
+49 2921 96943-0
The direct room humidifier RB/P-4/A 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 with detachable cover
- Exhaust ducts made of plastic with drip catchers
- Filtering of the intake air by washable coarse filter
- Cross flow fan for large air flow rate
- Central electrical control connection to 10-pole plug
- Ultrasonic oscillating circuit with integrated fuse and temperature monitoring of the power transistors
- Electrical power connection 48 V-AC at the built-in socket
- Possibility to connect standard control signals, e.g. 0-10 V-DC, 4-20 mA
- Possibility to connect a hygrostat - also 2-steps
- Possibility to connect a safety chain
- Solenoid valve for water supply
- 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**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. humidification output</td>
<td>2 kg/h</td>
</tr>
<tr>
<td>Number of transducers:</td>
<td>4</td>
</tr>
<tr>
<td>Power consumption</td>
<td>180 VA</td>
</tr>
</tbody>
</table>

**Dimensions**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation dimensions of humidifier –</td>
<td></td>
</tr>
<tr>
<td>height x width x depth</td>
<td>176 x 467 x 290 mm</td>
</tr>
<tr>
<td>Hose water inlet</td>
<td>Ø 6 mm</td>
</tr>
<tr>
<td>Hose water overflow/discharge</td>
<td>Ø 12 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>6 kg</td>
</tr>
</tbody>
</table>

**Conditions of use**

<table>
<thead>
<tr>
<th>Conditions</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply</td>
<td>48 / 50 V / Hz</td>
</tr>
<tr>
<td>Conductivity of demineralised water</td>
<td>5...20 µS/cm</td>
</tr>
<tr>
<td>Ambient temperature</td>
<td>5...45°C</td>
</tr>
<tr>
<td>Ambient humidity</td>
<td>0...90 % RH</td>
</tr>
<tr>
<td>Water temperature</td>
<td>5...40°C</td>
</tr>
<tr>
<td>Water pressure</td>
<td>1...4 bar</td>
</tr>
</tbody>
</table>

**Scope of delivery**

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

**Product specification**

<table>
<thead>
<tr>
<th>Brand</th>
<th>AIRWIN®</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>RB/P-4/A</td>
</tr>
<tr>
<td>Item No.</td>
<td>7901114</td>
</tr>
</tbody>
</table>
The direct room humidifier RB/P-6/A 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 with detachable cover
- Exhaust ducts made of plastic with drip catchers
- Filtering of the intake air by washable coarse filter
- Cross flow fan for large air flow rate
- Central electrical control connection to 10-pole plug
- Ultrasonic oscillating circuit with integrated fuse and temperature monitoring of the power transistors
- Electrical power connection 48 V-AC at the built-in socket
- Possibility to connect standard control signals, e.g. 0-10 V-DC, 4-20 mA
- Possibility to connect a hygrostat - also 2-steps
- Possibility to connect a safety chain
- Solenoid valve for water supply
- 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/A 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/A
- Item No.: 7901115

BOGA GmbH
Werkstraße 16
D-59494 Soest
www.boga.de
+49 2921 96943-0
The direct room humidifier RB/P-8/A 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 with detachable cover
- Exhaust ducts made of plastic with drip catchers
- Filtering of the intake air by washable coarse filter
- Cross flow fan for large air flow rate
- Central electrical control connection to 10-pole plug
- Ultrasonic oscillating circuit with integrated fuse and temperature monitoring of the power transistors
- Electrical power connection 48 V-AC at the built-in socket
- Possibility to connect standard control signals, e.g. 0-10 V-DC, 4-20 mA
- Possibility to connect a hygrostat - also 2-steps
- Possibility to connect a safety chain
- Solenoid valve for water supply
- 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/A direct room humidifier
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm (incl. 100 mm hose)
- Stop cock Ø 6 mm
- Plug 3-pole, 16 A
- 10-pole plug, straight

**Product specification**
- **Brand**: AIRWIN®
- **Model**: RB/P-8/A
- **Item No.**: 7901118
The direct room humidifier RB/P-10/A 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 with detachable cover
- Exhaust ducts made of plastic with drip catchers
- Filtering of the intake air by washable coarse filter
- Cross flow fan for large air flow rate
- Central electrical control connection to 10-pole plug
- Ultrasonic oscillating circuit with with integrated fuse and temperature monitoring of the power transistors
- Electrical power connection 48 V-AC at the built-in socket
- Possibility to connect standard control signals, e.g. 0-10 V-DC, 4-20 mA
- Possibility to connect a hygrostat - also 2-steps
- Possibility to connect a safety chain
- Solenoid valve for water supply
- 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**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. humidification output</td>
<td>5 kg/h</td>
</tr>
<tr>
<td>Number of transducers</td>
<td>10</td>
</tr>
<tr>
<td>Power consumption</td>
<td>370 VA</td>
</tr>
</tbody>
</table>

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

**Product specification**

<table>
<thead>
<tr>
<th>Brand</th>
<th>AIRWIN®</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>RB/P-10/A</td>
</tr>
<tr>
<td>Item No.</td>
<td>7901120</td>
</tr>
</tbody>
</table>
The direct room humidifier RB/P-16/A 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 with detachable cover
- Exhaust ducts made of plastic with drip catchers
- Filtering of the intake air by washable coarse filter
- Cross flow fan for large air flow rate
- Central electrical control connection to 10-pole plug
- Ultrasonic oscillating circuit with integrated fuse and temperature monitoring of the power transistors
- Electrical power connection 48 V-AC at the built-in socket
- Possibility to connect standard control signals, e.g. 0-10 V-DC, 4-20 mA
- Possibility to connect a hygrostat - also 2-steps
- Possibility to connect a safety chain
- Solenoid valve for water supply
- 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**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. humidification output</td>
<td>8 kg/h</td>
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<tr>
<td>Number of transducers:</td>
<td>16</td>
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<tr>
<td>Power consumption</td>
<td>650 VA</td>
</tr>
<tr>
<td>Dimensions</td>
<td></td>
</tr>
<tr>
<td>Installation dimensions of humidifier –</td>
<td></td>
</tr>
<tr>
<td>height x width x depth</td>
<td>176 x 1069 x 290 mm</td>
</tr>
<tr>
<td>Hose water inlet</td>
<td>Ø 6 mm</td>
</tr>
<tr>
<td>Hose water overflow/discharge</td>
<td>Ø 12 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>21 kg</td>
</tr>
<tr>
<td>Conditions of use</td>
<td></td>
</tr>
<tr>
<td>Power supply</td>
<td>48 / 50 V / Hz</td>
</tr>
<tr>
<td>Conductivity of demineralised water</td>
<td>5...20 µS/cm</td>
</tr>
<tr>
<td>Ambient temperature</td>
<td>5...45 °C</td>
</tr>
<tr>
<td>Ambient humidity</td>
<td>0...90 % RH</td>
</tr>
<tr>
<td>Water temperature</td>
<td>5...40 °C</td>
</tr>
<tr>
<td>Water pressure</td>
<td>1...4 bar</td>
</tr>
</tbody>
</table>

**Scope of delivery**

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

**Product specification**

<table>
<thead>
<tr>
<th>Brand</th>
<th>AIRWIN®</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>RB/P-16/A</td>
</tr>
<tr>
<td>Item No.</td>
<td>7901126</td>
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</tbody>
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