The duct humidifier KB-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 in air treatment systems and air ducts. The humidifier is controlled by an external ON/OFF signal by means of a hygrostat.

**Specification**

- Housing with exhaust ducts made of ABS with integrated drip catchers
- Ultrasonic oscillating circuit with 1.7 MHz exciter frequency with integrated fuse and temperature monitoring of the power transistors
- Electrical power connection 48 VAC with cable gland M12 at the rear of the control box
- Possibility to connect a hygrostat
- Possibility to connect a safety chain above the hygrostat inlet
- Solenoid valve for water inlet
- Water-technical connection 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>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>max. humidification output</td>
<td>1.2 kg/h</td>
</tr>
<tr>
<td>Number of transducers</td>
<td>2</td>
</tr>
<tr>
<td>Power consumption</td>
<td>65 VA</td>
</tr>
</tbody>
</table>

**Dimensions**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation dimensions of humidifier – height x width x depth</td>
<td>158 x 201 x 220 mm</td>
</tr>
<tr>
<td>Hose water inlet Øexternal</td>
<td>6 mm</td>
</tr>
<tr>
<td>Hose water overflow/discharge Øinternal</td>
<td>10 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>1.4 kg</td>
</tr>
</tbody>
</table>

**Conditions of use**

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

**Scope of delivery**

- KB-2 duct humidifier
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm
- Stop cock Ø 6 mm
- Stop cock Ø 8 mm

**Product specification**

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brand</td>
<td>AIRWIN®</td>
</tr>
<tr>
<td>Model</td>
<td>KB-2</td>
</tr>
<tr>
<td>Item No.</td>
<td>7900002</td>
</tr>
</tbody>
</table>
The duct humidifier KB-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 in air treatment systems and air ducts. The humidifier is controlled by an external ON/OFF signal by means of a hygrostat.

**Specification**
- Housing with exhaust ducts made of ABS with integrated drip catchers
- Ultrasonic oscillating circuit with 1.7 MHz exciter frequency with integrated fuse and temperature monitoring of the power transistors
- Electrical power connection 48 VAC with cable gland M12 at the rear of the control box
- Possibility to connect a hygrostat
- Possibility to connect a safety chain above the hygrostat inlet
- Solenoid valve for water inlet
- Water-technical connection 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: 2.4 kg/h
- Number of transducers: 4
- Power consumption: 160 VA

**Dimensions**
- Installation dimensions of humidifier – height x width x depth: 158 x 301 x 220 mm
- Hose water inlet: Øexternal 6 mm
- Hose water overflow/discharge: Øinternal 10 mm
- Weight: 2.1 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**
- KB-4 duct humidifier
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm
- Stop cock Ø 6 mm
- Stop cock Ø 8 mm

**Product specification**
- Brand: AIRWIN®
- Model: KB-4
- Item No.: 7900004
The duct humidifier KB-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 in air treatment systems and air ducts. The humidifier is controlled by an external ON/OFF signal by means of a hygrostat.

**Specification**
- Housing with exhaust ducts made of ABS with integrated drip catchers
- Ultrasonic oscillating circuit with 1.7 MHz exciter frequency with integrated fuse and temperature monitoring of the power transistors
- Electrical power connection 48 VAC with cable gland M12 at the rear of the control box
- Possibility to connect a hygrostat
- Possibility to connect a safety chain above the hygrostat inlet
- Solenoid valve for water inlet
- Water-technical connection 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 3.6 kg/h
- Number of transducers: 6
- Power consumption 185 VA

**Dimensions**
- Installation dimensions of humidifier – height x width x depth 158 x 401 x 220 mm
- Hose water inlet \( \varnothing_{\text{external}} \) 6 mm
- Hose water overflow/discharge \( \varnothing_{\text{internal}} \) 10 mm
- Weight 2.8 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**
- KB-6 duct humidifier
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm
- Stop cock \( \varnothing \) 6 mm
- Stop cock \( \varnothing \) 8 mm

**Product specification**
- Brand AIRWIN®
- Model KB-6
- Item No. 7900006
The duct humidifier KB-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 in air treatment systems and air ducts. The humidifier is controlled by an external ON/OFF signal by means of a hygrostat.

**Specification**
- Housing with exhaust ducts made of ABS with integrated drip catchers
- Ultrasonic oscillating circuit with 1.7 MHz exciter frequency with integrated fuse and temperature monitoring of the power transistors
- Electrical power connection 48 VAC with cable gland M12 at the rear of the control box
- Possibility to connect a hygrostat
- Possibility to connect a safety chain above the hygrostat inlet
- Solenoid valve for water inlet
- Water-technical connection 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>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. humidification output</td>
<td>4.8 kg/h</td>
</tr>
<tr>
<td>Number of transducers</td>
<td>8</td>
</tr>
<tr>
<td>Power consumption</td>
<td>250 VA</td>
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</table>

**Dimensions**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation dimensions</td>
<td>158 x 501 x 220 mm</td>
</tr>
<tr>
<td>Hose water inlet Ø</td>
<td>6 mm</td>
</tr>
<tr>
<td>Hose water overflow/discharge Ø</td>
<td>10 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>3.4 kg</td>
</tr>
</tbody>
</table>

**Conditions of use**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</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**

- KB-8 duct humidifier
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm
- Stop cock Ø 6 mm
- Stop cock Ø 8 mm

**Product specification**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brand</td>
<td>AIRWIN®</td>
</tr>
<tr>
<td>Model</td>
<td>KB-8</td>
</tr>
<tr>
<td>Item No.</td>
<td>7900008</td>
</tr>
</tbody>
</table>
The duct humidifier KB-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 in air treatment systems and air ducts. The humidifier is controlled by an external ON/OFF signal by means of a hygrostat.

**Specification**
- Housing with exhaust ducts made of ABS with integrated drip catchers
- Ultrasonic oscillating circuit with 1.7 MHz exciter frequency with integrated fuse and temperature monitoring of the power transistors
- Electrical power connection 48 VAC with cable gland M12 at the rear of the control box
- Possibility to connect a hygrostat
- Possibility to connect a safety chain above the hygrostat inlet
- Solenoid valve for water inlet
- Water-technical connection 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: 6.0 kg/h
- Number of transducers: 10
- Power consumption: 310 VA

**Dimensions**
- Installation dimensions of humidifier – height x width x depth: 158 x 601 x 220 mm
- Hose water inlet: Ø external 6 mm
- Hose water overflow/discharge: Ø internal 10 mm
- Weight: 4.1 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**
- KB-10 duct humidifier
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm
- Stop cock Ø 6 mm
- Stop cock Ø 8 mm

**Product specification**
- Brand: AIRWIN®
- Model: KB-10
- Item No.: 7900010
The duct humidifier KB-12 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 in air treatment systems and air ducts. The humidifier is controlled by an external ON/OFF signal by means of a hygrostat.

**Specification**
- Housing with exhaust ducts made of ABS with integrated drip catchers
- Ultrasonic oscillating circuit with 1.7 MHz exciter frequency with integrated fuse and temperature monitoring of the power transistors
- Electrical power connection 48 VAC with cable gland M12 at the rear of the control box
- Possibility to connect a hygrostat
- Possibility to connect a safety chain above the hygrostat inlet
- Solenoid valve for water inlet
- Water-technical connection 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: 7.2 kg/h
- Number of transducers: 12
- Power consumption: 375 VA

**Dimensions**
- Installation dimensions of humidifier – height x width x depth: 158 x 701 x 220 mm
- Hose water inlet Ø external: 6 mm
- Hose water overflow/discharge Ø internal: 10 mm
- Weight: 4.9 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**
- KB-12 duct humidifier
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm
- Stop cock Ø 6 mm
- Stop cock Ø 8 mm

**Product specification**
- Brand: AIRWIN®
- Model: KB-12
- Item No.: 7900012
The duct humidifier KB-14 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 in air treatment systems and air ducts. The humidifier is controlled by an external ON/OFF signal by means of a hygrostat.

**Specification**
- Housing with exhaust ducts made of ABS with integrated drip catchers
- Ultrasonic oscillating circuit with 1.7 MHz exciter frequency with integrated fuse and temperature monitoring of the power transistors
- Electrical power connection 48 VAC with cable gland M12 at the rear of the control box
- Possibility to connect a hygrostat
- Possibility to connect a safety chain above the hygrostat inlet
- Solenoid valve for water inlet
- Water-technical connection 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**: 8.4 kg/h
- **Number of transducers**: 14
- **Power consumption**: 435 VA

**Dimensions**
- **Installation dimensions of humidifier – height x width x depth**: 158 x 801 x 220 mm
- **Hose water inlet**: Ø external 6 mm
- **Hose water overflow/discharge**: Ø internal 10 mm
- **Weight**: 5.8 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**
- KB-14 duct humidifier
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm
- Stop cock Ø 6 mm
- Stop cock Ø 8 mm

**Product specification**
- **Brand**: AIRWIN®
- **Model**: KB-14
- **Item No.**: 7900014
The duct humidifier KB-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 in air treatment systems and air ducts. The humidifier is controlled by an external ON/OFF signal by means of a hygrostat.

**Specification**
- Housing with exhaust ducts made of ABS with integrated drip catchers
- Ultrasonic oscillating circuit with 1.7 MHz exciter frequency with integrated fuse and temperature monitoring of the power transistors
- Electrical power connection 48 VAC with cable gland M12 at the rear of the control box
- Possibility to connect a hygrostat
- Possibility to connect a safety chain above the hygrostat inlet
- Solenoid valve for water inlet
- Water-technical connection 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: 9.6 kg/h
- Number of transducers: 16
- Power consumption: 495 VA

**Dimensions**
- Installation dimensions of humidifier – height x width x depth: 158 x 901 x 220 mm
- Hose water inlet Øexternal 6 mm
- Hose water overflow/discharge Øinternal 10 mm
- Weight: 6.5 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**
- KB-16 duct humidifier
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm
- Stop cock Ø 6 mm
- Stop cock Ø 8 mm

**Product specification**
- Brand: AIRWIN®
- Model: KB-16
- Item No.: 7900016