

The fresh produce humidifier GOL-1 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 and its finest dispersion above fresh produce using an aerosol distribution system.

Specification

- Housing (shiny surface) with aerosol exhaust pipe made of demineralised water-resistant stainless steel
- Filtering of the intake air by washable coarse filter
- Radial fan for high air flow rate
- With integrated ozone generator for cyclical disinfection of the humidifier and the aerosol distribution system
- Ultrasonic oscillating circuit with 1.7 MHz exciter frequency with integrated fuse and temperature monitoring of the power transistors
- Power control according to PWM (pulse width modulation)
- Electric and water-technical functional components
- Electrical power connection 230 V to the IEC connector
- Operating display with potentiometer for power control of the mist output, potentiometer to control the air volume and 2-channel weekly timer for ozonisation and humidification
- Indicator for AquaDrain and humidification
- 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, mains filter
- **AquaDrain:** Hygiene management for cyclical flushing of the water inlet pipe and drainage of the water tank

Technical data

max. humidification output	0.5	kg/h
Number of transducers:	1	
Power consumption	110	VA
max. fan output	61.2	m ³ /h (adjustable)
AquaDrain cycle	90	min (adjustable at the factory)
Capacity of ozone generator	20	mg/h

Dimensions

Installation dimensions of humidifier –		
height x width x depth	255 x 470 x 270	mm
Aerosol exhaust pipe	Ø 40	mm
Weight	10.9	kg

Conditions of use

Power supply	230 / 50	V / Hz
Conductivity of demineralised water	5...20	µS/cm
Ambient temperature	5...5	°C
Ambient humidity	0...90	% RH
Water temperature	5...40	°C
Water pressure	1...6	bar

Scope of delivery

- GOL-1 fresh produce humidifier with potentiometers and control LEDs
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm (incl. 100 mm hose)
- Drain pipe GOL (external hose connection with separate gasket)
- Hose PVC D/d 21/16 mm, 1.5 m =, transparent, for water drainage
- Hose clamp 12-20 mm
- Three-pin power cable IEC, 2 m
- Stop cock Ø 6 mm

Product specification

Brand	AIRWIN®
Model	GOL-1
Item No.	7900171



Rev 11/2016



The fresh produce humidifier GOL-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 and its finest dispersion above fresh produce using an aerosol distribution system.

Specification

- Housing (shiny surface) with aerosol exhaust pipes made of demineralised water-resistant stainless steel
- Filtering of the intake air by washable coarse filter
- Radial fan for high air flow rate
- With integrated ozone generator for cyclical disinfection of the humidifier and the aerosol distribution system
- Ultrasonic oscillating circuit with 1.7 MHz exciter frequency with integrated fuse and temperature monitoring of the power transistors
- Power control according to PWM (pulse width modulation)
- Electric and water-technical functional components
- Electrical power connection 230 V to the IEC connector
- Operating display with potentiometers for separate power control of the mist outputs, potentiometer to control the air volume and 2-channel weekly timer for ozonisation and humidification
- Indicator for AquaDrain and humidification
- 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, mains filter
- **AquaDrain:** Hygiene management for cyclical flushing of the water inlet pipe and drainage of the water tank

Technical data

max. humidification output	1	kg/h
Number of transducers:	2	
Power consumption	135	VA
max. fan output	61.2	m ³ /h (adjustable)
AquaDrain cycle	90	min (adjustable at the factory)
Capacity of ozone generator	20	mg/h

Dimensions

Installation dimensions of humidifier – height x width x depth	255 x 470 x 270	mm
Aerosol exhaust pipe	Ø 40	mm
Weight	11.1	kg

Conditions of use

Power supply	230 / 50	V / Hz
Conductivity of demineralised water	5...20	µS/cm
Ambient temperature	5...5	°C
Ambient humidity	0...90	% RH
Water temperature	5...40	°C
Water pressure	1...6	bar

Scope of delivery

- GOL-2 fresh produce humidifier with potentiometers and control LEDs
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm (incl. 100 mm hose)
- Drain pipe GOL (external hose connection with separate gasket)
- Hose PVC D/d 21/16 mm, 1.5 m =, transparent, for water drainage
- Hose clamp 12-20 mm
- Three-pin power cable IEC, 2 m
- Stop cock Ø 6 mm

Product specification

Brand	AIRWIN®
Model	GOL-2
Item No.	7900172



Rev 11/2016



The fresh produce humidifier GOL-3 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 and its finest dispersion above fresh produce using an aerosol distribution system.

Specification

- Housing (shiny surface) with aerosol exhaust pipes made of demineralised water-resistant stainless steel
- Filtering of the intake air by washable coarse filter
- Radial fan for high air flow rate
- With integrated ozone generator for cyclical disinfection of the humidifier and the aerosol distribution system
- Ultrasonic oscillating circuit with 1.7 MHz exciter frequency with integrated fuse and temperature monitoring of the power transistors
- Power control according to PWM (pulse width modulation)
- Electric and water-technical functional components
- Electrical power connection 230 V to the IEC connector
- Operating display with potentiometers for separate power control of the mist outputs, potentiometer to control the air volume and 2-channel weekly timer for ozonisation and humidification
- Indicator for AquaDrain and humidification
- 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, mains filter
- **AquaDrain:** Hygiene management for cyclical flushing of the water inlet pipe and drainage of the water tank

Technical data

max. humidification output	1.5	kg/h
Number of transducers:	3	
Power consumption	160	VA
max. fan output	61.2	m ³ /h (adjustable)
AquaDrain cycle	90	min (adjustable at the factory)
Capacity of ozone generator	20	mg/h

Dimensions

Installation dimensions of humidifier –		
height x width x depth	255 x 470 x 270	mm
Aerosol exhaust pipe	Ø 40	mm
Weight	11.3	kg

Conditions of use

Power supply	230 / 50	V / Hz
Conductivity of demineralised water	5...20	µS/cm
Ambient temperature	5...5	°C
Ambient humidity	0...90	% RH
Water temperature	5...40	°C
Water pressure	1...6	bar

Scope of delivery

- GOL-3 fresh produce humidifier with potentiometers and control LEDs
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm (incl. 100 mm hose)
- Drain pipe GOL (external hose connection with separate gasket)
- Hose PVC D/d 21/16 mm, 1.5 m =, transparent, for water drainage
- Hose clamp 12-20 mm
- Three-pin power cable IEC, 2 m
- Stop cock Ø 6 mm

Product specification

Brand	AIRWIN®
Model	GOL-3
Item No.	7900173



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AIRWIN
Die Kunst der Luftbefeuchtung
The art of humidification

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



The fresh produce humidifier GOL-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 and its finest dispersion above fresh produce using an aerosol distribution system.

Specification

- Housing (shiny surface) with aerosol exhaust pipes made of demineralised water-resistant stainless steel
- Filtering of the intake air by washable coarse filter
- Radial fan for high air flow rate
- With integrated ozone generator for cyclical disinfection of the humidifier and the aerosol distribution system
- Ultrasonic oscillating circuit with 1.7 MHz exciter frequency with integrated fuse and temperature monitoring of the power transistors
- Power control according to PWM (pulse width modulation)
- Electric and water-technical functional components
- Electrical power connection 230 V to the IEC connector
- Operating display with potentiometers for separate power control of the mist outputs, potentiometer to control the air volume and 2-channel weekly timer for ozonisation and humidification
- Indicator for AquaDrain and humidification
- 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, mains filter
- **AquaDrain:** Hygiene management for cyclical flushing of the water inlet pipe and drainage of the water tank

Technical data

max. humidification output	2	kg/h
Number of transducers:	4	
Power consumption	185	VA
max. fan output	61.2	m ³ /h (adjustable)
AquaDrain cycle	90	min (adjustable at the factory)
Capacity of ozone generator	20	mg/h

Dimensions

Installation dimensions of humidifier –		
height x width x depth	255 x 470 x 270	mm
Aerosol exhaust pipe	Ø 40	mm
Weight	11.5	kg

Conditions of use

Power supply	230 / 50	V / Hz
Conductivity of demineralised water	5...20	µS/cm
Ambient temperature	5...5	°C
Ambient humidity	0...90	% RH
Water temperature	5...40	°C
Water pressure	1...6	bar

Scope of delivery

- GOL-4 fresh produce humidifier with potentiometers and control LEDs
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm (incl. 100 mm hose)
- Drain pipe GOL (external hose connection with separate gasket)
- Hose PVC D/d 21/16 mm, 1.5 m =, transparent, for water drainage
- Hose clamp 12-20 mm
- Three-pin power cable IEC, 2 m
- Stop cock Ø 6 mm

Product specification

Brand	AIRWIN®
Model	GOL-4
Item No.	7900174



Rev 11/2016



The fresh produce humidifier GOL-5 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 and its finest dispersion above fresh produce using an aerosol distribution system.

Specification

- Housing (shiny surface) with aerosol exhaust pipes made of demineralised water-resistant stainless steel
- Filtering of the intake air by washable coarse filter
- Two radial fans for high air flow rate
- With two integrated ozone generators for cyclical disinfection of the humidifier and the aerosol distribution system
- Ultrasonic oscillating circuit with 1.7 MHz exciter frequency with integrated fuse and temperature monitoring of the power transistors
- Power control according to PWM (pulse width modulation)
- Electric and water-technical functional components
- Electrical power connection 230 V to the IEC connector
- Operating display with potentiometers for separate power control of the mist outputs, potentiometer to control the air volume and 2-channel weekly timer for ozonisation and humidification
- Indicator for AquaDrain and humidification
- 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, mains filter
- **AquaDrain:** Hygiene management for cyclical flushing of the water inlet pipe and drainage of the water tank

Technical data

max. humidification output	2.5	kg/h
Number of transducers:	5	
Power consumption	245	VA
max. fan output	122.4	m ³ /h (adjustable)
AquaDrain cycle	90	min (adjustable at the factory)
Capacity of ozone generators	40	mg/h

Dimensions

Installation dimensions of humidifier –		
height x width x depth	255 x 590 x 275	mm
Aerosol exhaust pipe	Ø 40	mm
Weight	15.1	kg

Conditions of use

Power supply	230 / 50	V / Hz
Conductivity of demineralised water	5...20	µS/cm
Ambient temperature	5...5	°C
Ambient humidity	0...90	% RH
Water temperature	5...40	°C
Water pressure	1...6	bar

Scope of delivery

- GOL-5 fresh produce humidifier with potentiometers and control LEDs
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm (incl. 100 mm hose)
- Drain pipe GOL (external hose connection with separate gasket)
- Hose PVC D/d 21/16 mm, 1.5 m =, transparent, for water drainage
- Hose clamp 12-20 mm
- Three-pin power cable IEC, 2 m
- Stop cock Ø 6 mm

Product specification

Brand	AIRWIN®
Model	GOL-5
Item No.	7900175



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The fresh produce humidifier GOL-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 and its finest dispersion above fresh produce using an aerosol distribution system.

Specification

- Housing (shiny surface) with aerosol exhaust pipes made of demineralised water-resistant stainless steel
- Filtering of the intake air by washable coarse filter
- Two radial fans for high air flow rate
- With two integrated ozone generators for cyclical disinfection of the humidifier and the aerosol distribution system
- Ultrasonic oscillating circuit with 1.7 MHz exciter frequency with integrated fuse and temperature monitoring of the power transistors
- Power control according to PWM (pulse width modulation)
- Electric and water-technical functional components
- Electrical power connection 230 V to the IEC connector
- Operating display with potentiometers for separate power control of the mist outputs, potentiometer to control the air volume and 2-channel weekly timer for ozonisation and humidification
- Indicator for AquaDrain and humidification
- 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, mains filter
- **AquaDrain:** Hygiene management for cyclical flushing of the water inlet pipe and drainage of the water tank

Technical data

max. humidification output	3	kg/h
Number of transducers:	6	
Power consumption	270	VA
max. fan output	122.4	m ³ /h (adjustable)
AquaDrain cycle	90	min (adjustable at the factory)
Capacity of ozone generators	40	mg/h

Dimensions

Installation dimensions of humidifier –		
height x width x depth	255 x 590 x 275	mm
Aerosol exhaust pipe	Ø 40	mm
Weight	15.3	kg

Conditions of use

Power supply	230 / 50	V / Hz
Conductivity of demineralised water	5...20	µS/cm
Ambient temperature	5...5	°C
Ambient humidity	0...90	% RH
Water temperature	5...40	°C
Water pressure	1...6	bar

Scope of delivery

- GOL-6 fresh produce humidifier with potentiometers and control LEDs
- Installation and operating instructions
- Water filter for hose D/d = 6/4 mm (incl. 100 mm hose)
- Drain pipe GOL (external hose connection with separate gasket)
- Hose PVC D/d 21/16 mm, 1.5 m =, transparent, for water drainage
- Hose clamp 12-20 mm
- Three-pin power cable IEC, 2 m
- Stop cock Ø 6 mm

Product specification

Brand	AIRWIN®
Model	GOL-6
Item No.	7900176



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