

The control cabinet SUR/P is a product of the AIRWIN® brand of BOGA GmbH. The integrated continuous controller BO CT1 takes over the control of the connected ultrasonic air humidifiers with the reference variable of relative humidity. The control is freely adjustable as is the dynamic response with auto-optimisation, the type of control output, the transmitter, the control range and the nature and functions of the alarm contacts. Humidity sensors to determine the reference variables are available in the BOGA product range for any application.

Specification

- Housing made of sheet steel, powder-coated in the colour pebble grey, similar to RAL 7032
- Fully wired and ready for connection
- Integrated continuous controller BO CT1 for proportional control of the AIRWIN® ultrasonic air humidifiers
- High-contrast multi-colour LCD display for actual value, setpoint and operator guidance
- Control signal 0-10 V, optional 4 - 20 mA
- On/off switch
- Signal lamps for operation and power supply
- Possibility of connecting max. 5 ultrasonic air humidifiers
- Control of up to 30 ultrasonic air humidifiers when using BO-CSA-6 isolation amplifiers

Technical data

Power consumption	15	VA
Power supply	230 / 50	V / Hz
Voltage output sensor	17 / 20	V/mA
Input measuring signal voltage	0 (2)...10	V
Resistance	< 100	Ω

Dimensions

Dimensions - height x width x depth	400 x 310 x 240	mm
Weight	12	kg

Conditions of use

Ambient temperature	0...55	°C
Ambient humidity	0...90	% RH

Scope of delivery

- SUR/P control cabinet
- Installation and operating instructions

Product specification

Brand	AIRWIN®
Model	SUR/P
Item no.	6002200



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AIRWIN
Die Kunst der Luftbefeuchtung
The art of humidification

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The control cabinet SUR/PT is a product of the AIRWIN® brand of BOGA GmbH. The integrated power transformer is available in power classes 500 VA, 1000 VA or 1600 VA. The integrated continuous controller BO CT1 takes over the control of the connected ultrasonic air humidifier with the reference variable relative humidity. The control is freely adjustable as is the dynamic response with auto-optimisation, the type of control output, the transmitter, the control range and the nature and functions of the alarm contacts. Humidity sensors to determine the reference variables are available in the BOGA product range for any application.

Specification

- Housing made of sheet steel, powder-coated in the colour pebble grey, similar to RAL 7032
- Fully wired and ready for connection, prepared with two control signal outputs
- Integrated continuous controller BO CT1 for proportional control of the AIRWIN® ultrasonic air humidifiers
- High-contrast multi-colour LCD display for actual value, setpoint and operator guidance
- Control signal 0-10 V, optional 4 - 20 mA
- On/off switch
- Signal lamps for operation and power supply
- Fused output safety chain
- External set-point switching via binary input
- Possibility of connecting max. 5 ultrasonic air humidifiers
- Control of up to 30 ultrasonic air humidifiers when using BO-CSA-6 isolation amplifiers

Technical data

Power consumption		
SUR/PT 500	515	VA
SUR/PT 1000	1025	VA
SUR/PT 1600	1625	VA
Power supply	230 / 50	V / Hz
Voltage output sensor	17 / 20	V/mA
Input measuring signal voltage	0 (2)...10	V
Resistance	< 100	Ω

Dimensions

Installation dimensions height x width x depth	see chart
Weight	see chart

Conditions of use

Ambient temperature	0...55	°C
Ambient humidity	0...90	% RH

Model	Item no.	Power transformer	Weight	Dimensions	Units
		VA	kg	mm (HWD)	
SUR/PT	6012205	500	19.0	400-300-200	pc
SUR/PT	6012210	1000	32.5	600-400-260	pc
SUR/PT	6012216	1600	42.0	600-400-260	pc

Scope of delivery

- SUR/PT control cabinet
- Installation and operating instructions

Product specification

Brand	AIRWIN®
Model	SUR/PT
Item no.	see chart



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