

Tube PE D/d=6/4 mm, blue

Item no. 0001144
Purpose Fluid flow



Tube PE D/d=8/6 mm, natural coloured

Item no. 0001198
Purpose Fluid flow



Aerosol tube Ø 32 mm

Item no. 0003509
Purpose Aerosol transport



Hose bracket for aerosol tube Ø 32 mm

Item no. 0002200
Purpose Mounting aerosol tube



Fan module KMB

Item no. 2002003
Purpose Airflow



AquaDrain module

Item no. 2002001
Purpose Hygiene management AquaDrain KMB



Rotary potentiometer

Item no. 2002002
Purpose Power control



Rev 11/2016



ST power transformer for control cabinet

Item no. see product data sheet
Performance 75 - 1600 VA, one secondary output with fuse
Purpose Power supply 48 VAC



STH power transformer in a housing

Item no. see product data sheet
Performance 75 - 1600 VA, one secondary output with fuse
Purpose Power supply 48 VAC



The fan module is a product of the AIRWIN® brand of BOGA GmbH. It belongs to the optional accessories of the humidifier for minimum quantities KMB. If the KMB cannot be operated with an available air flow, the supporting air flow that transports the aerosols out of the KMB is missing. The fan module KMB is ready to plug-in and can be placed on the KMB. The integrated fan generates the supporting air flow. The humidification output can also be controlled either via the potentiometer in the fan module or via control signal 0-10 V.

Specification

- Housing made of demineralised water-resistant stainless steel
- Easy connection of the fan module to the KMB
- Easy replacement of the air filter mat
- The humidification output is set via potentiometer

Technical data

Max. air volume flow	13	m ³ /h
Power consumption	0.8	VA

Dimensions

Dimensions – height x width x depth	73 x 107 x 50	mm
Weight	0.34	kg

Conditions of use

Power supply	24	VDC
Ambient temperature	5...45	°C
Ambient humidity	0...90	% RH

Scope of delivery

- Fan module KMB
- Installation and operating instructions
- Connection cable for fan module KMB
- Spacers for mounting

Product specification

Brand	AIRWIN®
Model	Fan module KMB
Item No.	2002003



Rev 11/2016



AIRWIN
Die Kunst der Luftbefeuchtung
The art of humidification

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Product data sheet AIRWIN® AquaDrain Module

Humidifier for minimum quantities

The AquaDrain Module is a product of the AIRWIN® brand of BOGA GmbH. It is used as an accessory for the humidifier for minimum quantities KMB with the hygiene management AquaDrain. Via the built-in week timer, the drainage cycle can be freely preset.

Specification

- Splash-proof plastic housing incl. weekly timer with LCD display
- Connected magnetic valve with 2 m of cable length
- Easy connection to the discharge system with hose Ø 8 mm
- Smallest adjustable time interval 2 s
- Connection cable AquaDrain Module 0.5 m

Technical data

Power consumption	55	VA
Protection class housing	IP54	

Dimensions

Dimensions of housing - height x width x depth	175 x 105 x 110	mm
Hose connections	Ø 8	mm
Weight	1	kg

Conditions of use

Power supply	230 / 50	V / Hz
Ambient temperature	5...45	°C
Ambient humidity	0...90	% RH

Scope of delivery

- AquaDrain Module
- Installation and operating instructions
- Hose D/d = 8/6 mm (2 m)

Product specification

Brand	AIRWIN®
Model	AquaDrain Module
Item No.	2002001



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Many ultrasonic humidifiers of the AIRWIN® brand of BOGA GmbH operate with 48 VAC supply voltage. For this purpose, the power transformer of the series ST and STH can be used. To select the appropriate power transformers for the corresponding ultrasonic humidifiers, please see the table below.

Series	Model	Voltage	75	160	200	250	320	400	500	800	1000	1300	1600
UB	8	48 V						x					
	12	48 V							x				
	18	48 V								x			
	24	48 V									x		
NKBD	6	48 V				x							
	12	48 V							x				
	18	48 V								x			
	24	48 V									x		
	30	48 V										x	
RB/P RB/P-D	42	48 V											x
	2	48 V		x									
	4	48 V			x								
	6	48 V				x							
	8	48 V					x						
	10	48 V						x					
KMB	16	48 V								x			
	2	48 V	x										
KB	4	48 V	x										
	6	48 V		x									
	8	48 V			x								
	10	48 V					x						
	12	48 V						x					
	14	48 V							x				
	16	48 V								x			



The power transformers of the ST range are designed for the power supply of AIRWIN® ultrasonic air humidifiers. The mains voltage 230 V 50 Hz is transformed to a secondary voltage of 48/53 V. The ST power transformer is installed in a control cabinet.

Specification

- Primary and secondary side individually fused
- Output voltage between 48 and 53 V selectable to ensure the correct voltage level even for longer distances between transformer and ultrasonic air humidifier
- Performance classes from 75 VA to 1600 VA
- Standing on pedestal, resin impregnation
- according to VDE 0550 parts 1 + 3, VDE 0113, insulation class T40E, protection type IP00, protection class 1, 50 / 60 Hz, ED 100%
- Fuses (5 x 20 mm / 6.3 x 32 mm)

Technical data

Input voltage	230 ± 5%	V
Output voltage	48 / 53	V

Delivery volume

- Power transformer ST

Product specification

Brand	AIRWIN®
Model	see chart
Item no.	see chart



Model	Item no.	Performance	Secondary voltage	Primary voltage	Primary-secondary fuse	Weight	Dimensions
		VA	V	V / Hz		kg	mm (HWD)
ST 75	7700102	75	48/53	230 / 50	Yes	1.5	105-84-90
ST 160	7700104	160	48/53	230 / 50	Yes	3.0	120-105-100
ST 200	7700106	200	48/53	230 / 50	Yes	3.5	120-105-110
ST 250	7700108	250	48/53	230 / 50	Yes	4.5	120-105-125
ST 320	7700110	320	48/53	230 / 50	Yes	4.5	130-120-105
ST 400	7700112	400	48/53	230 / 50	Yes	5.8	130-120-115
ST 500	7700114	500	48/53	230 / 50	Yes	6.8	130-120-135
ST 800	7700115	800	48/53	230 / 50	Yes	10.2	220-150-135
ST 1000	7701000	1000	48/53	230 / 50	Yes	13.4	220-150-160
ST 1300	7700116	1300	48/53	230 / 50	Yes	15.7	230-174-150
ST 1600	7700117	1600	48/53	230 / 50	Yes	21.0	230-174-180

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The power transformers of the STH series are designed for the power supply of AIRWIN® ultrasonic air humidifiers. The mains voltage of 230 V 50 Hz is transformed to a secondary voltage of 48/53 V. The STH power transformer is supplied in a housing with illuminated on/off switch.

Specification

- Power transformer in the housing with ventilation slots in pebble grey similar to RAL 7035
- Primary and secondary side individually fused
- On/off switch
- Output voltage between 48 and 53 V adjustable to ensure of the correct voltage level even for longer distances between transformer and ultrasonic air humidifier
- Performance classes ranging from 75 VA up to 1600 VA
- Standing on pedestals made of PVC, resin impregnation, cable gland
- according to VDE 0550 parts 1 + 3, VDE 0113, insulation class T40E, protection type IP23, protection class 1, 50 / 60 Hz, ED 100%
- Fuses (5 x 20 mm / 6.3 x 32 mm)

Technical data

Input voltage	230 ± 5%	V
Output voltage	48 / 53	V

Scope of delivery

- Power transformer STH

Product specification

Brand	AIRWIN®
Model	see chart
Item no.	see chart



Model	Item no.	Performance	Secondary voltage	Primary voltage	Primary-secondary fuse	Weight	Dimensions
		VA	V	V / Hz		kg	mm (HWD)
STH 75	7700202	75	48/53	230 / 50	Yes	4.3	213-178-220
STH 160	7700204	160	48/53	230 / 50	Yes	5.8	213-178-220
STH 200	7700206	200	48/53	230 / 50	Yes	6.3	213-178-220
STH 250	7700208	250	48/53	230 / 50	Yes	7.3	213-178-220
STH 320	7700210	320	48/53	230 / 50	Yes	7.3	213-178-220
STH 400	7700212	400	48/53	230 / 50	Yes	8.6	213-178-220
STH 500	7700214	500	48/53	230 / 50	Yes	9.6	213-178-220
STH 800	7700215	800	48/53	230 / 50	Yes	17.2	313-271-383
STH 1000	7701001	1000	48/53	230 / 50	Yes	20.4	313-271-383
STH 1300	7700216	1300	48/53	230 / 50	Yes	22.7	313-271-383
STH 1600	7700217	1600	48/53	230 / 50	Yes	28.0	313-271-383

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