

## Tube PA D/d=10/8 mm, blue

Item no 0001196  
Purpose Fluid flow



## Tube PA D/d=14/11 mm, transparent

Item no. 0001847  
Purpose Fluid flow



## Vertical frame (duct height 500-2000 mm)

Item no. 2001401	500-699 mm	(1 set= 2 pcs)
Item no. 2001402	700-1199 mm	(1 set= 2 pcs)
Item no. 2001403	1200-2000 mm	(1 set= 2 pcs)
Purpose	mounting frame	



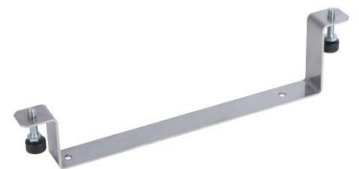
## Telescopic struts (duct width 500-2000 mm)

Item no. 2001411	500-799 mm	(1 set= 2 pcs)
Item no. 2001412	800-1399 mm	(1 set= 2 pcs)
Item no. 2001413	1400-2000 mm	(1 set= 2 pcs)
Purpose	mounting frame	



## Mounting brackets for NKBD incl. adjustable feet

Item no	2000105	
NKBD-6...24	needs: 2 mounting brackets	
NKBD-30...42	needs: 3 mounting brackets	
Purpose	mounting NKBD in the mounting frame	



## ST power transformer for control cabinet

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



## STH power transformer in a housing

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



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## **SDS power transformer for control cabinet**

Item no. see product data sheet  
Performance 2.0 – 10.0 kVA, up to 6 individually fused secondary outputs  
Purpose Power supply 48 VAC



## **SLSH power transformer in a housing**

Item no. see product data sheet  
Performance 2.0 – 10.0 kVA, up to 6 individually fused secondary outputs  
Purpose Power supply 48 VAC



# Product data sheet AIRWIN® NKBD Mounting frame

Accessories AIRWIN®

The NKBD mounting frame is a product of the AIRWIN® brand of BOGA GmbH. It belongs to the optional accessories of the NKBD duct humidifier. For easy installation, the mounting frame is installed directly in the airconditioning duct and the humidifiers are placed on it. The mounting frame consists of vertical frames, telescopic struts and mounting brackets to hold the humidifiers. The vertical frames are selected according to the duct height. The adjustable telescopic struts should be in the range of the duct width to ensure that the mounting frame can be clamped in the airconditioning duct.

## Specification

- Vertical frame, telescopic struts and mounting brackets made of stainless steel V2A
- Quick and easy installation of duct humidifiers in the airconditioning duct

Article	Item. no.	Description	Weight	for duct height	PU
<b>Vertical frame 500-699</b>	2001401	height adjustable from 500 to 699 mm, made of V2A stainless steel, incl. clamping screws and adjustable feet	5.0 kg	500-699 mm	Set
<b>Vertical frame 700-1199</b>	2001402	height adjustable from 700 to 1199 mm, made of V2A stainless steel, incl. clamping screws and adjustable feet	7.0 kg	700-1199 mm	Set
<b>Vertical frame 1200-2000</b>	2001403	height adjustable from 1200 to 2000 mm, made of V2A stainless steel, incl. clamping screws and adjustable feet	11.0 kg	1200-2000 mm	Set

Article	Item. no.	Description	Weight	for duct width	PU
<b>Telescopic strut 500-799</b>	2001411	length adjustable from 500 to 799 mm, made of V2A stainless steel, incl. clamping screws	2.2 kg	500-799 mm	Set
<b>Telescopic strut 800-1399</b>	2001412	length adjustable from 800 to 1399 mm, made of V2A stainless steel, incl. clamping screws	3.4 kg	800-1399 mm	Set
<b>Telescopic strut 1400-2000</b>	2001413	length adjustable from 1400 to 2000 mm, made of V2A stainless steel, incl. clamping screws	5.0 kg	1400-2000 mm	Set

Article	Item. no.	Description	Weight	Dimensions	PU
<b>Mounting bracket</b>	2000105	for NKBD duct mounting, made of V2A stainless steel, incl. adjustable feet. Requirements: NKBD 6...24 = 2 mounting brackets NKBD-30...42 = 3 mounting brackets	0.35 kg	354 x 30 x 76 mm	pc

## Order example (image)

- 1 set of vertical frames according to the duct height
- 2 sets of telescopic struts according to the duct width
- 4 mounting brackets according to the NKBD model (here: 2 x NKBD-18)

## Product specification

Brand

AIRWIN®



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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	
	36	48 V											x
	42	48 V											x
RB/P RB/P-D	2	48 V		x									
	4	48 V			x								
	6	48 V				x							
	8	48 V					x						
	10	48 V						x					
	16	48 V								x			
KMB		48 V	x										
KB	2	48 V	x										
	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)
<b>ST 75</b>	7700102	75	48/53	230 / 50	Yes	1.5	105-84-90
<b>ST 160</b>	7700104	160	48/53	230 / 50	Yes	3.0	120-105-100
<b>ST 200</b>	7700106	200	48/53	230 / 50	Yes	3.5	120-105-110
<b>ST 250</b>	7700108	250	48/53	230 / 50	Yes	4.5	120-105-125
<b>ST 320</b>	7700110	320	48/53	230 / 50	Yes	4.5	130-120-105
<b>ST 400</b>	7700112	400	48/53	230 / 50	Yes	5.8	130-120-115
<b>ST 500</b>	7700114	500	48/53	230 / 50	Yes	6.8	130-120-135
<b>ST 800</b>	7700115	800	48/53	230 / 50	Yes	10.2	220-150-135
<b>ST 1000</b>	7701000	1000	48/53	230 / 50	Yes	13.4	220-150-160
<b>ST 1300</b>	7700116	1300	48/53	230 / 50	Yes	15.7	230-174-150
<b>ST 1600</b>	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)
<b>STH 75</b>	7700202	75	48/53	230 / 50	Yes	4.3	213-178-220
<b>STH 160</b>	7700204	160	48/53	230 / 50	Yes	5.8	213-178-220
<b>STH 200</b>	7700206	200	48/53	230 / 50	Yes	6.3	213-178-220
<b>STH 250</b>	7700208	250	48/53	230 / 50	Yes	7.3	213-178-220
<b>STH 320</b>	7700210	320	48/53	230 / 50	Yes	7.3	213-178-220
<b>STH 400</b>	7700212	400	48/53	230 / 50	Yes	8.6	213-178-220
<b>STH 500</b>	7700214	500	48/53	230 / 50	Yes	9.6	213-178-220
<b>STH 800</b>	7700215	800	48/53	230 / 50	Yes	17.2	313-271-383
<b>STH 1000</b>	7701001	1000	48/53	230 / 50	Yes	20.4	313-271-383
<b>STH 1300</b>	7700216	1300	48/53	230 / 50	Yes	22.7	313-271-383
<b>STH 1600</b>	7700217	1600	48/53	230 / 50	Yes	28.0	313-271-383

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The power transformers of the SDS series 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 SDS power transformer is installed in a control cabinet.

### Specification

- Power transformer for 1...x ultrasonic air humidifiers with separate protection
- 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 2.0 kVA to 10.0 kVA
- 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%
- up to 6 individually fused secondary outputs with Neozed fuses

### Technical data

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

### Scope of delivery

- Power transformer SDS

### Product specification

Brand	AIRWIN®
Model	see chart
Item no.	see chart



Model	Performance	Secondary voltage	Primary voltage	Primary-secondary fuses	Weight	Dimensions
	kVA	V	V / Hz		kg	mm (hwd)
SDS 2.0	2	48/53	230 / 50	Yes	19.3	228-176-132
SDS 2.5	2.5	48/53	230 / 50	Yes	23.0	320-200-135
SDS 3.0	3	48/53	230 / 50	Yes	27.5	320-200-147
SDS 3.5	3.5	48/53	230 / 50	Yes	34.5	320-200-173
SDS 4.0	4	48/53	230 / 50	Yes	34.5	390-240-153
SDS 4.5	4.5	48/53	230 / 50	Yes	40.0	390-240-168
SDS 5.0	5	48/53	230 / 50	Yes	46.5	390-240-183
SDS 6.3	6.3	48/53	230 / 50	Yes	54.0	455-280-173
SDS 7.5	7.5	48/53	230 / 50	Yes	63.0	455-280-188
SDS 8.8	8.8	48/53	230 / 50	Yes	77.0	455-280-203
SDS 10.0	10	48/53	230 / 50	Yes	91.0	455-280-233

Model	Item no.	1st sec. output	2nd sec. output	3rd sec. output	4th sec. output	5th sec. output	6th sec. output
		"X" = 1	"X" = 2	"X" = 3	"X" = 4	"X" = 5	"X" = 6
SDS 2.0	770120 "X"	7701201	7701202	7701203	7701204	7701205	7701206
SDS 2.5	770121 "X"	7701211	7701212	7701213	7701214	7701215	7701216
SDS 3.0	770122 "X"	7701221	7701222	7701223	7701224	7701225	7701226
SDS 3.5	770123 "X"	--	7701232	7701233	7701234	7701235	7701236
SDS 4.0	770124 "X"	--	7701242	7701243	7701244	7701245	7701246
SDS 4.5	770125 "X"	--	7701252	7701253	7701254	7701255	7701256
SDS 5.0	770126 "X"	--	7701262	7701263	7701264	7701265	7701266
SDS 6.3	770127 "X"	--	7701272	7701273	7701274	7701275	7701276
SDS 7.5	770128 "X"	--	--	7701283	7701284	7701285	7701286
SDS 8.8	770129 "X"	--	--	7701293	7701294	7701295	7701296
SDS 10.0	770130 "X"	--	--	--	7701304	7701305	7701306

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**AIRWIN**  
Die Kunst der Luftbefeuchtung  
The art of humidification

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# Product data sheet AIRWIN® SLSH power transformer

Accessories AIRWIN®

The power transformers of the SLSH series 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 SLSH power transformer is supplied in a housing.

## Specification

- Power transformer in a housing with ventilation slots in pebble grey, similar to RAL 7032
- Power transformer for 1...x ultrasonic air humidifiers with separate protection
- 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 2 kVA to 10.0 VA
- Standing on pedestal, resin impregnation, cable gland in the housing
- according to VDE 0550 parts 1 + 3, VDE 0113, insulation class T40E, protection type IP23, protection class 1, 50 / 60 Hz, ED 100%
- up to 6 individually fused secondary outputs with Neozed fuses

## Technical data

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

## Scope of delivery

- Power transformer SLSH

## Product specification

Brand	AIRWIN®
Model	see chart
Item no.	see chart



Model	Performance	Secondary voltage	Primary voltage	Primary-secondary fuses	Weight	Dimensions
	kVA	V	V / Hz		kg	mm (hwd)
SLSH 2.0	2	48/53	230 / 50	Yes	27.7	275-500-350
SLSH 2.5	2.5	48/53	230 / 50	Yes	31.4	275-500-350
SLSH 3.0	3	48/53	230 / 50	Yes	35.9	275-500-350
SLSH 3.5	3.5	48/53	230 / 50	Yes	42.9	275-500-350
SLSH 4.0	4	48/53	230 / 50	Yes	42.9	275-500-350
SLSH 4.5	4.5	48/53	230 / 50	Yes	48.4	275-500-350
SLSH 5.0	5	48/53	230 / 50	Yes	54.9	275-500-350
SLSH 6.3	6.3	48/53	230 / 50	Yes	62.4	275-500-350
SLSH 7.5	7.5	48/53	230 / 50	Yes	71.4	285-650-450
SLSH 8.8	8.8	48/53	230 / 50	Yes	85.4	285-650-450
SLSH 10.0	10	48/53	230 / 50	Yes	103.2	285-650-450

Model	Item no.	1st sec. output	2nd sec. output	3rd sec. output	4th sec. output	5th sec. output	6th sec. output
		"X" = 1	"X" = 2	"X" = 3	"X" = 4	"X" = 5	"X" = 6
SLSH 2.0	770220 "X"	7702201	7702202	7702203	7702204	7702205	7702206
SLSH 2.5	770221 "X"	7702211	7702212	7702213	7702214	7702215	7702216
SLSH 3.0	770222 "X"	7702221	7702222	7702223	7702224	7702225	7702226
SLSH 3.5	770223 "X"	--	7702232	7702233	7702234	7702235	7702236
SLSH 4.0	770224 "X"	--	7702242	7702243	7702244	7702245	7702246
SLSH 4.5	770225 "X"	--	7702252	7702253	7702254	7702255	7702256
SLSH 5.0	770226 "X"	--	7702262	7702263	7702264	7702265	7702266
SLSH 6.3	770227 "X"	--	7702272	7702273	7702274	7702275	7702276
SLSH 7.5	770228 "X"	--	--	7702283	7702284	7702285	7702286
SLSH 8.8	770229 "X"	--	--	7702293	7702294	7702295	7702296
SLSH 10.0	770230 "X"	--	--	--	7702304	7702305	7702306

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