



09

INSTALLATION PARTS

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Barely visible, but of crucial importance - built-in parts play a key role in your pool. They are the invisible heroes behind the pool wall, ensuring optimum flow and water movement. Whether they are floor drains, swivel inlet nozzles in accordance with DIN EN 16582-1/4.5.2.2 or wall ducts - these products are indispensable for the smooth functioning of any pool.

With MIDAS installation parts, you are making the right choice for sustainable quality. Our products are made from high-quality materials such as gunmetal, stainless steel, bronze or plastic to provide you with a durable and reliable solution. Rely on the invisible but indispensable components from MIDAS and give your pool optimum performance and quality that you can always rely on.

OVERVIEW

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SKIMMER & ACCESSORIES

- P. 236 Slim Line Skimmer stainless steel
- P. 237 Automatic water level control Badu BNR 402
- P. 237 Automatic water level control Badu BNR 300
- P. 244 Skimmer gunmetal/bronze with 240 mm installation depth
- P. 238 MIDA.Slim Skimmer
- P. 240 ABS Skimmer



INLET NOZZLES & FLOOR DRAINS

- P. 241 Inlet nozzles
- P. 242 Floor drains



SKIMMER



SLIM LINE SKIMMER

MATERIAL: MADE ENTIRELY OF STAINLESS STEEL V4A/ AISI 316L

ELEGANCE IN STAINLESS STEEL

This Slim Line skimmer has an exclusive design and enables a high water level.

Good circulation of the pool and efficient suction of the water surface is possible with this model.

The material is also very robust, durable and resistant to chemicals. The polished front gives it a special shine.

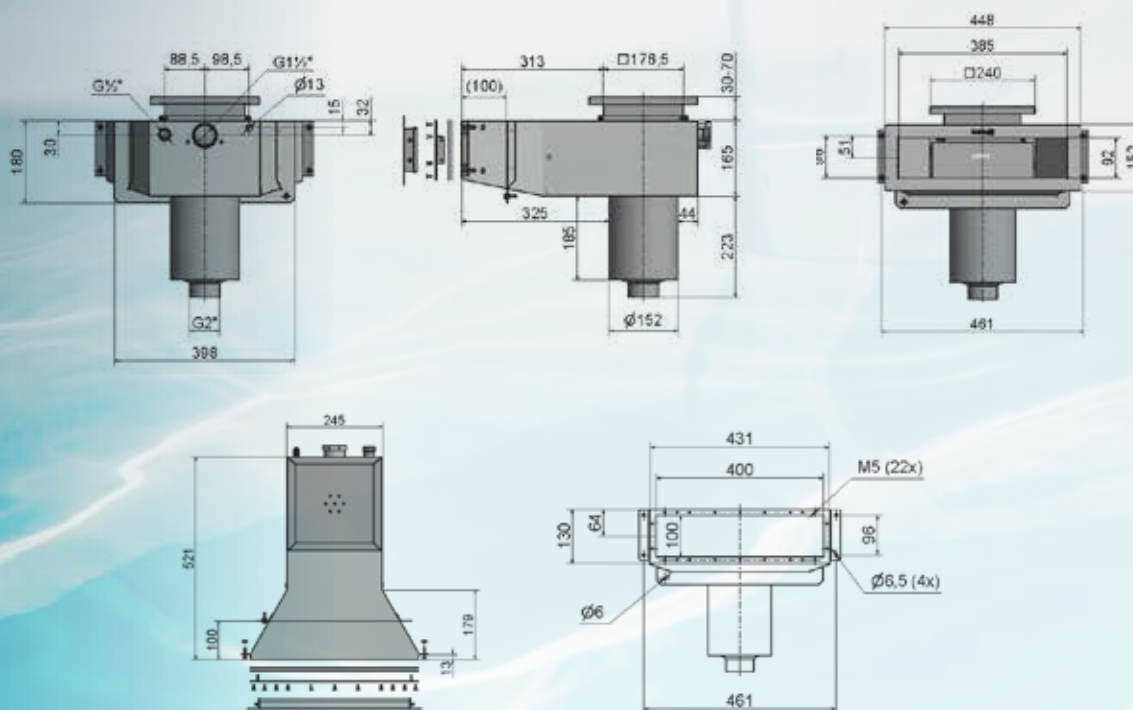
No screws are visible in the top view of the front panel, which ensures an elegant appearance.

- Suction opening 385 x 92 mm (448 x 152 mm outside)
- Polished visible surface without screws
- Skimmer weir also in V4A stainless steel
- Integrated wall collar
- For concrete and tiled pools (# 0258), including flange, seals and M5x12 screws for liner pools
- For prefabricated pools with 6° slope (# 0259)
- 2" female thread connection, vertical
- 1 1/2" IG connection as overflow
- 1/2" IG connection for refilling
- d=13mm connection for level controller
- Installation depth complete: 521 mm
- Depth of skimmer neck: 313 mm
- Max. flow rate: 12 m³/h
- Large-volume and powerful filter basket
- Height-adjustable collar 30-70 mm



#0258 + #0259

We recommend #M-068 or #M-065 as a water level control (catalog page 237)



Article	Code
Slim Line Skimmer V4A for concrete and liner pools	0258*
Slim Line Skimmer V4A for prefabricated pools with 6° slope	0259*

SPECK BADU BNR 402

AUTOMATIC WATER LEVEL CONTROL WITH TWO CONDUCTIVE SENSORS

The BNR 402 replaces the previous BNR 400, but the range of functions has been extended. A large number of new functions have been introduced in the BNR 402 to make pool operation easier. This enables a much wider range of applications compared to the BNR 300 or BNR 400.

Up to 3 pools or splash water tanks can be controlled and it can be used for splash water control. In addition, there is a water consumption meter, a pump-out function in the event of too much rain, the control of our BADU Green pumps, the use with flat skimmers, the connection of a water detector for the technical room and a function for convenient initial filling of the pool. +There is also a random control for fountains, for example. The BNR 402 can also work together with an external control unit. With this control unit, the conductive sensor can be installed up to 80 m away from the control unit.

Technical data	
Temperature range	0°C - 40°C
Nominal voltage	1~ 230 V, 50/60 Hz
Relay switching capacity	4,0 A bei 1~ 230 V
On/off delay	ca. 1-4 min.
Cable length	10 m
Cable cross-section	2 x 1,5 mm²
Level voltage	ca. 12 V

Article	Code
Speck BADU BNR 402	M-068



SPECK BADU BNR 300

AUTOMATIC WATER LEVEL CONTROL WITH FLOAT SWITCH

This device is used to control the water level in swimming pools and whirlpools. For this purpose, a desired water level is set as the target value by adjusting the sensor to the corresponding height or moving it along the rail. A float detects when the water level falls below the set target level. If the water level falls below this value for a certain period of time, e.g. after filter backwashing, a solenoid valve, which is included in the scope of delivery, is activated. This causes fresh water to flow into the pool until the desired fill level is reached again. In contrast to previous level controls, the BNR 300 can also activate a safety cut-out. After an adjustable maximum switch-on time (30-120 min.), the activation of the solenoid valve is automatically interrupted. In the event of a jammed level switch, this prevents the solenoid valve from remaining permanently switched on.

Including solenoid valve ½"

Including float switch with 10 m cable and

Height-adjustable mounting rail

230V, protection class IP40, dimensions: 163 x 110 x 52 mm

Technical data	
Temperature range	0°C - 40°C
Nominal voltage	1~ 230 V, 50/60 Hz
Relay switching capacity	4,0 A bei 1~ 230 V
On/off delay	ca. 1-4 min.
Cable length	10 m
Cable cross-section	2 x 0,25mm²
Float switch	waterproof

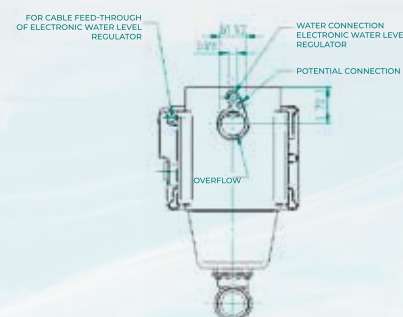
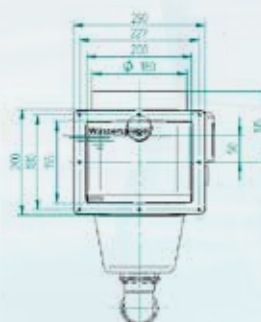
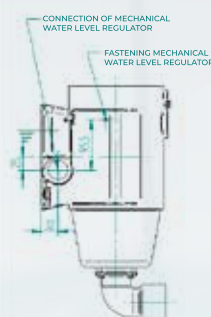
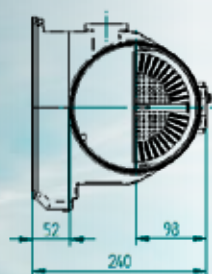
Article	Code
Speck BADU BNR 300	M-065





- Suction opening 200 x 155 mm (250 x 200 mm outside)
- Compact installation dimensions, for flush formwork installation
- Solid construction, therefore very robust and durable
- Integrated wall collar and threaded bushes for fastening the flange
- For concrete and tiled pools
- Flange set # 0257-E1 required for tiled pools, V4A cover 290 x 230 mm
- Flange set # 0257-E3 required for prefabricated pools, V4A cover 328 x 243 mm
- Installation depth: 240 mm
- Depth of skimmer neck: 52 mm
- Connection: 2" female thread (horizontal outlet)
- Flow rate: max. 10 m³/h
- Overflow connection: 1 ½" female thread

- Extensions to the front, also with larger suction opening (350 mm)
- Suction plate for connecting a floor cleaner
- Mechanical water level regulator (separate installation part) or electronic water level regulator



*Not suitable for salt electrolysis **max. salt concentration: 6 %



MIDA.SLIM SKIMMER

MATERIAL: ABS PLASTIC

EXKLUSIV
MIDAS

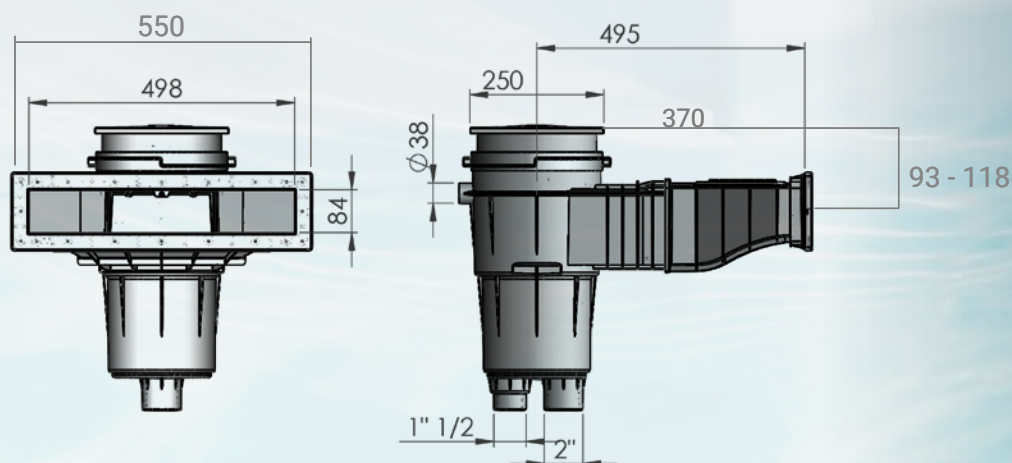
- Suction opening: 498 x 95 mm (550 x 135 mm outside)
- Impresses with its new design and modern functionality
- Particularly robust, made from high-quality ABS
- **Includes** ABS cover panel for concrete basins or with flange, seals, stainless steel V4A screw set and cover panel for installation in liner, GRP, PP and and segmented pools
- With integrated threaded bushes for fastening the flange (longer screws must be used for prefabricated pools depending on the wall thickness)
- Color: white
- Installation depth: 620 mm
- Depth of skimmer neck: 370 mm
- Connection: 2" and 1 1/2" internal thread (vertical outlet)
- Flow rate: 7 - 10 m³/h
- Device for overflow connection 32 mm
- 25 mm height-adjustable cover to adapt to the edge of the pool



#0254



#0254-E1



Article	Code
MIDA.Slim ABS plastic skimmer for liner pools (including flange set)	0254
Cover made of stainless steel V4A/AISI 316L for MIDA.Slim Skimmer ABS Suction opening: 495 x 78 mm, dimensions: 560 x 140 x 17 mm	0254-E1*

*Not suitable for salt electrolysis



INLET NOZZLES AND FLOOR DRAINS

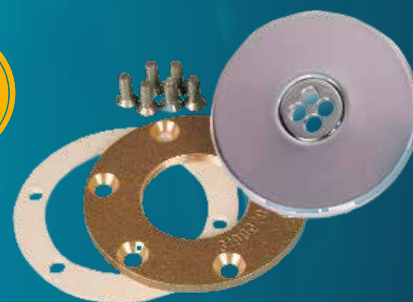


INLET NOZZLES FLANGE SET

With cover and ball 4 x 8 mm, material: stainless steel V4A/AISI 316L for wall ducts Article 03.32, 03.32-B, 03.33, 03.33-B, 03.00 and 03.00-B.

Suitable for	Material	Code
Foil basin (including flange set)	Bronze**	03.34-B

**max. salt concentration: 6 % max. 750 mg/l chloride content for V4A stainless steel



#03.34-B



INLET NOZZLES WITH FLANGE SET

2" external thread, with orifice and ball 4 x 8 mm

Material: Stainless steel V4A/AISI 316L

Suitable for	Material	Length	Code
Foil basin (including flange set)	Gunmetal*	40 mm	03.22
Foil basin (including flange set)	Bronze**	40 mm	03.22-B
Foil basin (including flange set)	Gunmetal*	70 mm	03.24
Foil basin (including flange set)	Bronze**	70 mm	03.24-B

* **not suitable** for salt electrolysis **max. salt concentration: 6 % max. 750 mg/l chloride content for V4A stainless steel



#03.22

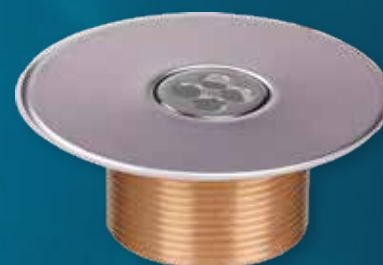


INLET NOZZLES WITHOUT FLANGE SET

2" external thread, with orifice and ball 4 x 8 mm, material: stainless steel V4A/AISI 316L

Suitable for	Material	Length	Code
Tile and prefabricated basins (without counter set)	Gunmetal*	40 mm	03.20
Tile and prefabricated basins (without counter set)	Bronze**	40 mm	03.20-B
Tile and prefabricated basins (without counter set)	Gunmetal*	70 mm	03.21
Tile and prefabricated basins (without counter set)	Bronze**	70 mm	03.21-B

* **not suitable** for salt electrolysis **max. salt concentration: 6 % max. 750 mg/l chloride content for V4A stainless steel



#03.20



COUNTER SET FOR FINISHED BASIN

2" internal thread, including seal

Article	Material	Code
Counter set for prefabricated basins	Gunmetal*	03.25

* **not suitable** for salt electrolysis max. 750 mg/l chloride content for V4A stainless steel



#03.25



FLOOR DRAIN 90° OUTLET

1 ½" and 2" internal thread, with anti-vortex cover Ø 168 mm,
Material: Stainless steel V4A/AISI 316L.

Suitable for	Material	Code
2" foil basin (including flange set)***	Gunmetal*	03.19-F
1 ½" foil basin (including flange set)	Gunmetal*	03.11-F
2" foil basin (including flange set)***	Bronze**	03.19-FB
1 ½" foil basin (including flange set)	Bronze**	03.11-FB

*not suitable for salt electrolysis

**max. salt concentration: 6 %

***not compliant with DIN EN

max. 750 mg/l chloride content for V4A stainless steel



#03.11-F



#03.19-F



FLOOR DRAIN VERTICAL OUTLET

1 ½" internal thread, with anti-vortex cover Ø 168 mm
Material: Stainless steel V4A/AISI 316L, Ø 168 mm

Suitable for	Material	Code
Prefabricated basin (including counter flange)	Gunmetal*	03.18-FE
Foil basin (including flange set)	Gunmetal*	03.18-F
Prefabricated basin (including counter flange)	Bronze**	03.18-FEB
Foil basin (including flange set)	Bronze**	03.18-FB

*not suitable for salt electrolysis

**max. salt concentration: 6 %

max. 750 mg/l chloride content for V4A stainless steel



#03.18-F



WALL DUCTS

2 x 1 ½" and 2 x 2" internal thread, for tile and liner basins

Material	Length	Code
2 x 1 ½" Gunmetal*	240 mm	03.00
2 x 2" Gunmetal*	240 mm	03.32
2 x 2" Gunmetal*	300 mm	03.33
2 x 1 ½" Bronze**	240 mm	03.00-B
2 x 2" Bronze**	240 mm	03.32-B
2 x 2" Bronze**	300 mm	03.33-B

*not suitable for salt electrolysis

**max. salt concentration: 6 %



#03.00



INLET NOZZLE

MULTIFLOW ADJUSTABLE

Adjustable inlet nozzle for prefabricated pools, for screwing in with 2" external thread
and 50 mm glue socket inside, size and flow rate are adjustable with ball cutter
adjustable, ball diameter 14-20-25 mm, flow rate 2.2 m³/h - 4.5 m³/h - 7.0 m³/h,
including seal and lock nut

Note: to comply with the DIN EN 16582-1/4.5.2.2 standard, the ball hole must be enlarged to
25 mm, material: ABS plastic, color: white, also available individually

Material: ABS plastic, color: white, also available individually



#0295F

Suitable for	Connections	PU	Code
Prefabricated basin	d 50 mm/2" AG	48	0295F



INLET NOZZLE

MULTIFLOW

Inlet nozzle for concrete and liner pools, for screwing in with 2" external thread and 50 mm glue joint inside, ball diameter 3x 7.95 mm, flow rate ~2.2 m³/h, **including** flange, seal and stainless steel screws as well as seal with lock nut with lock nut, complies with standard DIN EN 16582-1/4.5.2.2
Material: ABS plastic, color: white, also available individually

Suitable for	Connections	PU	Code
Concrete/foil basin	d 7,95 mm	48	0331



#0331

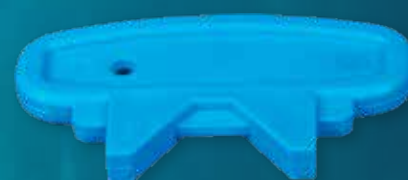


KEY FOR INLET NOZZLE

MULTIFLOW

Material: ABS plastic, only suitable for type Multiflow, & #0331, #0295-F

Article	Code
Key blue	0299



#0299



2" FLOOR INLET NOZZLE

Material: ABS plastic, Ø 109 mm, 360° regulation of fresh water flow, max. recommended flow rate is 12.0 m³/h, chemical-resistant, supplied with gaskets & screws
gaskets & screws, for foil/finished basin with flange, connections inside
Adhesive sleeve with diameter d 50 mm and outside 2" AG, also available individually. Color: white

Suitable for	Connections	PU	Code
Concrete/foil basin	d 50 mm/2" AG	48	2825F

Depending on the wall thickness, longer screws must be used for prefabricated basins.



#2825F



2" WALL BUSHING

Material: PVC, for concrete pools, 300 mm long, back 2" AG, also available individually. Color: grey

Front	PU	Code
2" IG	48	0324



#0324



2" FLOOR DRAIN

Material: ABS plastic, Ø 170 mm, with 2" female thread connection on the side, cover can be unscrewed, max. flow rate 15 m³/h, min. 2 floor drains per pool are recommended, supplied with seals & screws, for liner/prefabricated pools with flange, also available individually. Color: white

Suitable for	Connections	PU	Code
Concrete/foil basin	2" IG	8	1467F

Depending on the wall thickness, longer screws must be used for prefabricated basins.



#1467F