

# BADU® Block / Block Multi (S) / Block Multi Mar

Even more flexibility for the BADU Block / BADU Block Multi / BADU Block Multi Mar. Transparent lid, plastic filter housing and strainer basket.



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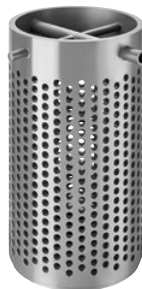
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## 1 Transparent lid

- Amount of debris and turbulence is visible without removing the lid.
- Easy to maintain and control.
- Can be used for high brine concentrations.
- Available for: BADU Block 80/.. to BADU Block 150/...

## 2 Plastic filter housing

- Corrosion-resistant and low-wear.
- Additional internal coating no longer necessary.
- Can be used for high brine concentrations.
- Available for: BADU Block 32/.. to BADU Block 65/.. up to maximum 11.00 kW. Generally installed in: BADU Block Multi 65/250.
- Strainer basket made from stainless steel 1.4571.

## 3 Plastic filter housing

- Corrosion-resistant and low-wear.
- Additional internal coating no longer necessary.
- Can be used for high brine concentrations.
- Available for: BADU Block 80/.. to BADU Block 125/.. up to maximum 11.00 kW. Generally installed in: BADU Block Multi 100/250.
- Strainer basket made from stainless steel 1.4571.

## 4 Strainer basket BADU Block / BADU Block Multi

- Low wear.
- Retaining plate and handle welded into the basket.
- Robust welding seams.
- Curved edges for more stability.
- Made from stainless steel 1.4571.

## 5 Strainer basket BADU Block Multi Mar

- Low wear.
- With handle.
- Robust design.
- Made from PVC.

## 6 Opening device for T-handle BADU Block / BADU Block Multi / BADU Block Multi Mar

- Adapter for electric screwdriver.
- To screw and unscrew the T-handle.

# BADU<sup>®</sup> Suction safety system



Safety with automatic shut-down technology.  
For reliable protection in swimming pools.

Sensors >



## Field of application

The BADU Suction safety system can be integrated into all existing systems.

## Mode of operation

The BADU Suction safety system eliminates the hidden risk posed by suction points to users in public facilities, e.g. hotel pools, wellness spas or in private pools. The fitting of redundant sensors further increases the reliability of the system. The potential risk at suction points was known even before the publication of the bulletin 60.03 "Avoidance of risks at suction, drain and intake points in swimming pools" issued by the German Swimming Pool Association [Deutschen Gesellschaft für das Badewesen e. V.]. In extreme cases pool users can be sucked in and trapped by their swimwear, hair or limbs, which can lead to serious physical injury or even death by drowning.

The BADU Suction safety system reliably eliminates this hazard. As specified in bulletin 60.03, it demonstrates "safe characteristics" instead of indirectly creating other safety gaps.

## Performance characteristics

- Redundant sensors.

- Prevention of accidental restart.

In this case the BADU Suction safety system control box immediately switches the pump off and a signal is displayed.

The trapped person is released without delay.

In order to ensure maximum functional reliability the sensors are made from materials suitable for use in swimming pool water.

They are also protected from overload as a result of over pressure and under pressure.

Article no	Type	Connections	Voltage
230.0000.801	BADU Suction safety system for emergency-off system	d 63 <sup>**) </sup>	1~ 230 V
230.0000.803	BADU Suction safety system up to 4.00 kW with low voltage coil	d 63 <sup>**) </sup>	1~ 230 V

For detailed information regarding the motor protection please see page 96.

<sup>\*\*)</sup>  Glue socket; other sizes to be provided on site.

# BADU® VTLS

Fully automatic dry run protection -  
automated venting.



## Field of application

For attaching to the series

- BADU Block Multi
- BADU Block
- Normblock Multi
- Normblock

where the vent line has been led out to vent the mechanical seal.

## Design

- Electronic control with modern terminal connection technology.
- Automatic venting via electric ball bearing.

## Performance features

- Manual venting is no longer necessary.
- Fully automatic monitoring via the pump control because the unit is connected directly. This means that if air has accumulated in the pump via the suction line, the dry running protection switches it off and opens the vent valve.
- The control is carried out via conductive sensors and a control switch box.

## Control functions

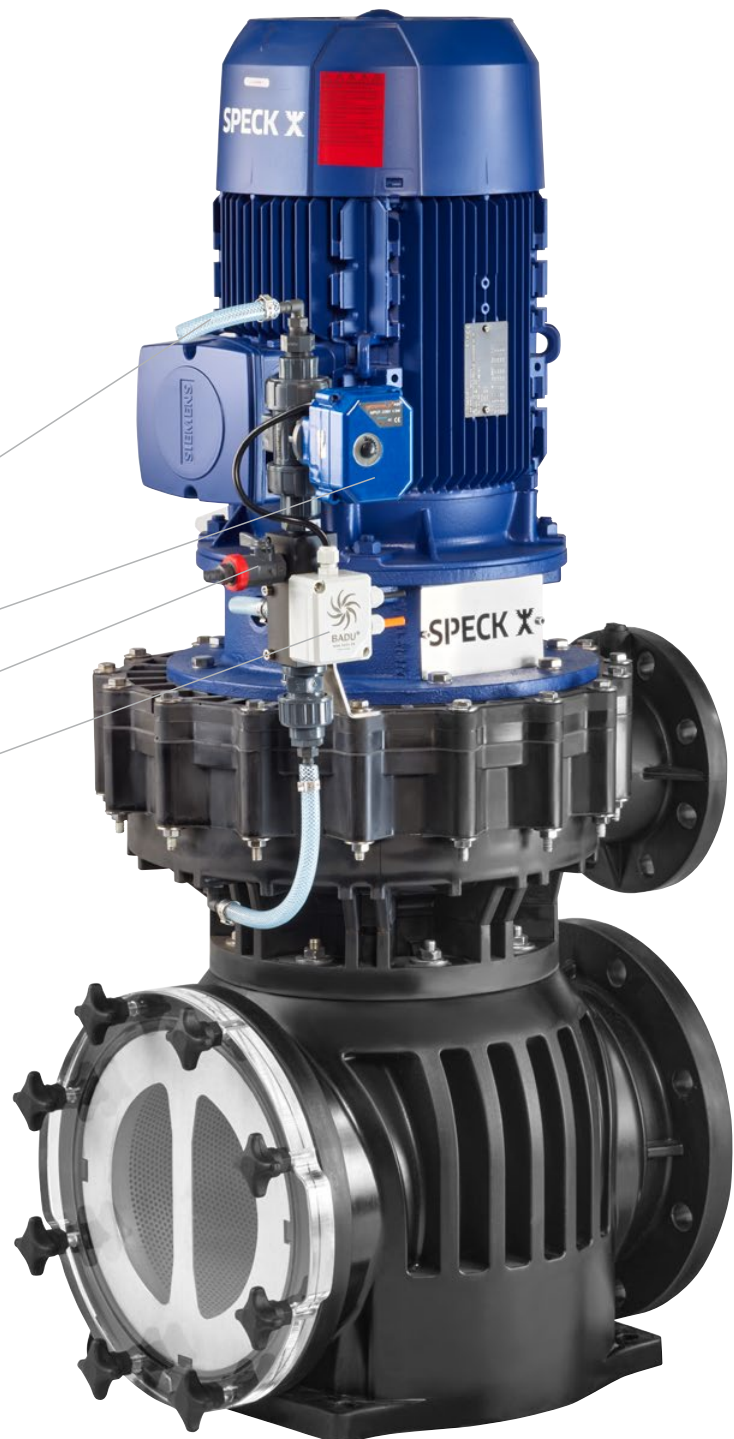
- Dry run protection and venting. Short venting intervals can also be programmed for example once a day or once a week.
- Manual quick venting is possible.
- potential-free contact for connection to the frequency converter.

Article no	Type	Voltage
271.6607.004	BADU VTLS	1 ~ 230 V

For detailed information regarding the motor protection please see page 96.



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Switch box for connection to  
pump control



Vent line

Motor ball valve

Quick vent

Conductive probe control

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BADU Block Multi with VTLS