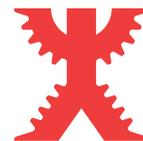


# SPECK INSIDE



Pump technologies and solutions ...



## INOVA NH II

One pump for all applications - the new heating circulation pump from SPECK

Page 3



## BADU INSIDE

Pool technologies and solutions for private swimming pools

From page 4

### EDITORIAL

Dear customers, partners and friends of SPECK Pumpen,

Last year our swimming pool industry was treated to the summer of a century. The first forecasts for 2019 suggested a summer that might become even hotter and drier. Then May came and reminded us of a cool and rainy spring like the one we had in 2017.

Despite everything, we were able to finish the season very well back then and so I am still optimistic about this season. Our swimming pool builders' order books are full. We were also able to convince ourselves of this at the bsw-Infotagen. The desire for a private swimming pool is not noticeably weakening in Europe!

Another wish was clearly expressed in the European elections: both the surprisingly high turnout in Germany and the result itself make it clear how important the protection of our climate and the sustainable use of resources is. It's a signal we've long since recognised. With the BADU GREEN pumps we offer innovative technology, energy efficiency and maximum sustainability. Set an example for the future together with SPECK Pumpen!

The rainfall in May allowed our farmers to breathe a sigh of relief. The probability of

us experiencing a similarly dry summer in the future as we did last year is 1:8 - and probably rising. We have prepared ourselves for this with well thought-out irrigation packages. The great demand showed that we recognised the signs of the times correctly.

We would also like to motivate our partners to use sustainable products in other areas. With our campaign SPECK DuoPack we will be offering energy-efficient heating circulation pumps at an advantageous price this autumn.

At SPECK Pumpen we're moving forward! We are looking confidently into the future with new products. Our presence at many events attracts attention to our pump technologies and solutions and brings us new customers, business and projects that further challenge our innova-

tive strength. This is not only essential for our success because on this basis we can continue to be the reliable partner you are looking for and with whom you too can secure your success.

I wish you a busy summer but with enough time to relax, the best bathing weather, sufficient rainfall and satisfied customers. I look forward to seeing you again at one of the many events in autumn and to speaking in person!

Yours Armin Herger

Managing Director  
SPECK Pumpen Verkaufsgesellschaft GmbH



Photo: Tanja Bolte

SPECK trade fair team at the IFAT Eurasia in Istanbul.



# Regional and international presence

Regional in-house exhibitions and an international trade fair.

**SPECK Pumpen used in-house exhibitions with a regional focus to present pump technologies and solutions for domestic and industrial engineering and was represented at the IFAT Eurasia in Istanbul.**

SPECK Pumpen presented itself at various in-house exhibitions in spring in Markt Schwaben, Stuttgart, Stuhr, Dresden, Cologne and Berlin. The high quality of the visitors was particularly striking. At the events, which were well attended for their size, prospective customers were primarily looking for clever products. Advantages in installation, operation or particular ease of maintenance are immediately recognised and highly appreciated by practitioners.

**In-house exhibitions - small but fine!**



SPECK Pumpen was able to successfully attract craftsmen and received great interest for its technical solutions. The products for water supply and irrigation were presented in preparation for a hot summer.

Around 10,500 visitors from 84 countries met 215 exhibitors at the IFAT Eurasia in Istanbul. The environmental technology fair brought SPECK Pumpen numerous enquiries and interesting projects from all over the world.

On display were pumps up to max. 1,200 bar and complete high-pressure units. Thanks to a Turkish customer, we were able to present a functioning high-pressure extinguishing system at our stand. Fascinated, our visitors experienced how quickly a room is filled with water mist that displaces oxygen and extinguishes fires.

The focus was on pumps for water recovery systems, ultrapure water systems and complete supply systems for various liquids. Due to the flexibility of our staged centrifugal pumps and pressure boosting systems as well as the experience with different materials, there are hardly any limits to SPECK Pumpen's products. ■

### SPECK ONLINE

#### Download product infos

On our website we offer you an informative overview of all our products. In addition, there are many additional documents available for each product under "Downloads". Here you can download for example operating instructions, spare parts lists, dimensional drawings, characteristics, declarations of conformity and catalogue pages for the respective product as PDF files.

#### Domestic technology update

All dimensional drawings and characteristics in the domestic technology area of our website have been updated!

#### BADU 3D models

For the majority of our BADU pumps, you can now also download a 3D model as a STP file under "Downloads".

#### SPECK SELECT tutorial

For our pump selection programme SPECK SELECT there is a 10 minute tutorial available in German language. Subtitles in German, English and Chinese can be faded into the video! You will find it on our YouTube channel "SPECK Pumpen" or on our website: [speck-pumps.com](http://speck-pumps.com)

Latest news | News & Press

## SPECK DUOPACK Heating pumps at attractive prices



**Just in time for the 2019/2020 heating season and only for tradesmen: two heating pumps at an attractive price including a free gift. Only during the promotional period from 2 September to 31 October 2019.**

In autumn, we are offering you two highly efficient heating pumps in a DuoPack at an attractive price during a nine-week promotional period: Choose between the wet rotor pumps INOVA NH 25/40 with LED display and INOVA ND 25/40 with LCD display. With every SPECK DuoPack there is a five litre barrel of Franconian beer from Veldenstein as a free gift.

For further information about the campaign, please contact your sanitary and heating wholesalers or your personal SPECK Pumpen contact person.

# New heating pumps

## INOVA NH II

**One pump for all applications.**

Just in time for the coming heating season, SPECK Pumpen is launching a new series of heating pumps to the market. The INOVA NH II, the successor to the INOVA NH, offers added value with a new design and additional functions.

Three operating modes are now available for the different applications:

### Variable differential pressure

The pump reduces the delivery head by half with decreasing volume flow in the pipe network, e.g. for the operation of conventional radiators.

### Constant differential pressure

The control keeps the set delivery head constant regardless of the volume flow, e.g. for the operation of underfloor heating systems.

### NEW: Fixed speed stage

The pump runs unregulated in one of three pre-



set fixed speed stages, e.g. as a storage charging pump.

The new series covers a performance range up to a maximum flow rate of 5 m<sup>3</sup>/h and up to a maximum head of 8 mWs. The efficiency-increasing thermal insulation shell is already included in the delivery.

The INOVA NH II will be available from autumn 2019. ■

IRRIGATION TECHNOLOGY

# Green gardens

## Irrigation technology from SPECK Pumpen.

**From 1 April to 31 May 2019, SPECK Pumpen offered sophisticated systems for irrigating green areas with its "Irrigation technology" campaign promoting our simple, clever, proven and professional packages. This enabled our customers to prepare for the summer in good time.**

The dry summer of 2018 showed us what a lack of rainfall can mean for nature, green spaces and gardens. Spontaneous watering sessions were cumbersome and time-consuming, often also inefficient. With a professionally planned irrigation system, you can depend on reliability and time-saving as well as a green garden - even in the next summer of the century.

With the very successful "Irrigation technology" campaign, our customers have prepared themselves for the next dry summer and stored or already installed the corresponding technology. The four packages offered provide the right irrigation for different conditions: "Simple" - for private gardens with their own well, "Clever" - for rainwater use from the cistern, "Proven" - if there is no electricity connection in the well or cistern and "Professional" - for football pitch irrigation.

For advice and individual irrigation solutions, please contact our domestic technology sales team by e-mail: [vertrieb@speck-pumpen.com](mailto:vertrieb@speck-pumpen.com) or phone: +49 9123 949-500. ■

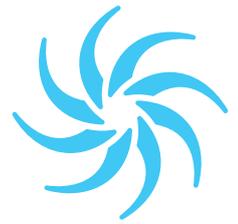
**SPECK X**  
pumpen

Pump technologies and solutions...



**Irrigation technology**

# BADU<sup>®</sup> INSIDE



Pool technologies and solutions ... > swimming pool private



**BSW-INFOTAGE**  
German Swimming  
Pool and Wellness  
Association in-house  
exhibition  
**Page 4**



**BADU  
OMNITRONIC**  
Proven automatic  
backwash system with  
new functions  
**Page 5**



**STAINLESS STEEL  
CARE**  
in swimming baths  
and pools  
**Page 6**

## Fabulous companies in a friendly atmosphere

This was the motto of this year's  
bsw-Infotage in Düsseldorf.



Our trade  
fair team:  
bsw-  
Infotage  
Düsseldorf.

The bsw-Infotage took place in Düsseldorf on 29 and 30 March 2019. 52 exhibitors came to the Maritim Hotel for the German Swimming Pool & Wellness Association's in-house exhibition. Numerous products were shown at the stands, intensive discussions were held and contacts were maintained and established.

The bsw-Infotage are THE German platform for swimming pool builders, planners, operators, hoteliers and manufacturers. SPECK Pumpen is also traditionally represented among the exhibitors. Once again we were able to welcome many experts to our stand and discuss the advantages of our innovations as well as the practical experi-

ence with our classics at a high technical level. It is these close contacts to tradesmen that make the event so valuable for us as manufacturers. Their unfiltered feedback flows directly into the work of our development department. Thus, we brought home suggestions for improvement, wishes and future impulses for our engineers.

The visitor response to this year's bsw-Infotagen was good. However, it was also noticeable that the good weather had prevented some swimming pool builders from visiting the fair. The order books in the industry are full, the customers want to be served - ergo some construction sites had priority.

### AUTUMN TRADE FAIRS '19

**Piscina & Wellness . Barcelona, Spain**  
15.10.-18.10.2019  
Recinto Gran Via, pavilion 2, level 0,  
stand B 228

**Aquanale . Cologne, Germany**  
05.11.-08.11.2019  
SPECK trade fair party on 06.11.2019  
Hall 6.1, aisle C/D, No. 20/21

Dates subject to change.

We look forward to your visit, a personal conversation and your interest in our products! You don't have any tickets? Request your free admission voucher from us by e-mail at [info@speck-pumps.com](mailto:info@speck-pumps.com).

Further information:  
**[badu.de](http://badu.de) | Latest news | Trade fairs**

The trade fair was accompanied by a specialist conference. The BADU sales manager Christoph Ott gave a lecture on "A new generation of swimming pool pumps" and provided a professional insight into SPECK Pumpen's new products and further developments.

A highlight of the event was definitely the legendary "Poolsnight". Around 650 guests enjoyed live music and various show interludes alongside a great meal. 21 particularly successful projects in the swimming pool industry received a bsw-award. In this context, SPECK Pumpen received congratulations from the association on the 110th anniversary of the company. ■

AUTOMATIC BACKWASH UNIT

# BADU OmniTronic

Proven automatic backwash system with new functions.



BADU OmniTronic with optional wall housing.

**The swimming pool filter system must be regularly backwashed. Filtered dirt is led into the sewage system and the filter material is loosened. This maintains the water quality and avoids rising energy costs due to increased filter resistance. The process can be carried out manually on manual backwash valves or you can leave this necessity to our reliable and time-saving BADU OmniTronic. Since March 2019, the automatic backwash system offers a range of additional functions for convenient pool operation.**

The BADU OmniTronic starts regular filter operation daily at the same time and automatically carries out weekly backwashing. An alternative operating mode offers the possibility of setting the times individually for all operating modes.

Since March 2019, backwashing with the BADU OmniTronic has also been possible at 6-hour intervals. Thus, it can also be used for example in koi carp ponds. A very short rinse time of only five seconds minimises the water consumption.

Up to now, filter controls, level controls or pressure switches could be integrated into the BADU OmniTronic. A pressure switch is offered as an option. The information can be transferred specifically to dosing systems with the setting "FIL: P". Since spring, the automatic backwash system is supplied with two additional relays and now has even more potential to perform additional functions.

The BADU OmniTronic can be used to couple the house heating pump with the circulation pump and thus control the swimming pool water heating. The target temperature and operating times for heating operation are adjustable. The same applies to swimming pool water heating via solar panels. The automatic backwash system controls the solar system ball valve and locks when the set maximum temperature is reached. In the case of speed-controlled pumps, this can also be used to increase the speed for the operation of solar absorbers, which are usually positioned higher up. In order to cool the pool if necessary, a heat exchanger can also be integrated into the automatic system.

The two new relays offer the possibility of integrating house heating and the solar system in parallel. The heating ensures the desired minimum temperature and the solar system also heats the pool water to the desired maximum value.

The frost protection setting is worthwhile for outdoor pools that are not emptied in winter. When a critical temperature is reached, the circulation mode is triggered in order to prevent the swimming pool water freezing.

Reliable error output is now also possible: Either an error message is sent to the master control or a directly connected signal horn with light is activated. If problems occur, an acoustic signal sounds at a selectable interval.

The micro switch used to measure the angle of the valve position has been replaced by a magnetic angle sensor. Thus the exact position of the valve can be called up at tenths of a degree at any time. Furthermore, maintenance work no longer risks damage to the new component, as it can be easily removed using pluggable terminals.

If the mechanics of the BADU OmniTronic are overloaded e.g. by considerable contamination, the teeth of the small gear wheel can become deformed. A clattering noise makes the damage audible. This weak point prevents damage to higher quality parts and parts installed deeper. Our emergency set contains a spare gear for this case. To replace it, simply loosen two screw connections, remove the motor and replace the gear by pulling it off and plugging it on. Do not forget to remove the cause (e.g. dirt) from the valve!

For 2020, we are already working on an external option: battery pack + converter, which resets the valve to the filter position in the event of a power failure and thus prevents the pool from running empty. In addition, the development of a conductive sensor for level control is also underway. The electrode flow between two stainless steel sensors cannot be mechanically blocked, as with previous float systems. A conductive sensor available on site is connected to an additional plug-in circuit board that is already available and can in future be integrated into the BADU OmniTronic. Furthermore, the software will also be extended for the connection of a dry run protection (e.g. paddle switch) in automatic mode. ■



## Stainless steel care

The right care for stainless steel components in swimming pools.

The BADU JET Primavera Deluxe with piezo buttons (left illuminated). The handles and cover of this system are made of the highest quality stainless steel. The surface is electroplished.

**Ladders, stairs, railings, handles, overflow gutter grilles, showers and many other components in or around the pool are made of stainless steel. And for good reason: Various kinds of steel, which are commonly referred to as "stainless steel", are particularly suitable for use in this area due to their corrosion resistance. However, stainless steel also requires professional care to ensure lasting resistance.**

Stainless steels are far more corrosion resistant than many other metals. Through oxidation, the chromium component forms a protective film on its surface - the passive layer. It develops again and again through the effects of oxygen, even after damage, and protects the component from negative influences. If this protective film can no longer form again, stainless steel loses its rust resistance.

Dirt is deposited on stainless steel in the swimming pool area and chlorides are accumulated, preventing the formation of a new passive layer. In the long run this leads to pitting or rusting. The components should therefore be regularly cleaned of residues. On stainless steel parts that are not constantly in contact with swimming pool water, you can remove deposits with com-

mercially available stainless steel cleaner and a cloth/sponge or rinse off with tap water. Do not use cleaning agents containing hydrochloric acid or chloride and do not use metallic objects such as cleaning pads or steel wool! The surfaces of stainless steel parts that lie under water can be cleaned by simply rubbing them with no additives.

In principle, all stainless steel parts should be maintained at regular intervals. If the water quality is unproblematic, it is sufficient to clean it twice a year. If your swimming pool is operated at high temperatures, the pH value of the water is very low or the swimming pool water contains salt, the installed stainless steel parts should be cleaned at least once a month. For the first harmless spots of corrosion, a slightly acidic special stainless steel cleaner, available from specialist swimming pool dealers, can be used. Read the instructions for use carefully and rinse the stainless steel parts with fresh water.

The proper removal of deposits prevents rust formation on stainless steel. The quality of the surface plays an important role: the smoother the stainless steel, the easier it is to clean. We recommend electroplished surfaces for highly stressed components in swimming pools!

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pumpen

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