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Circulation and heat pump

BEHNCKE REVOLUTION

Orbit Filter Series

aquavision® SMART with 1.3 DOS

aquavision® Deluxe

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Swimming pool podcast



BEHNCKE NEWS

10/2025



MADE IN
GERMANY





InverPro® – The first inverter pool circulation pump

Low-noise pump with permanent management

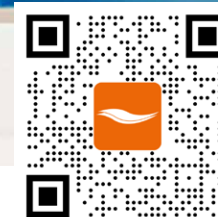
Aquagem's InverSilence® technology ensures particularly quiet operation and extremely energy-efficient performance. It represents a breakthrough in pool maintenance by uniquely combining advanced inverter technology, an optimised spiral hydraulic system and an efficient DC motor.

- Voltage 230 Volt
- Up to 15 times more energy efficient*
- Noise reduction: reduces the noise level by more than 30 times*
- Always regulates the same flow rate to depending on pressure, flow rate: 6 – 27 m³/h
- Backwash function with one keypress
- Soft start thanks to inverter technology
- Robust design & construction
- Timer included
- WLAN-capable with app
- External control with digital and analogue inputs
- Display of power consumption via modern touch display

* Compared to pumps with constant speed.



Experience
the heat pump
in action



INVERBOOST® UX – The Innovative Pool Heat Pump

Available in four power variants:

11 kW/230V • 17 kW/230V • 26 kW/230V • 35 kW/400 V

- **Full Inverter Technology**
Automatic power adjustment for maximum efficiency
- **Three Modes**
Turbo, Intelligent, and Silent – the perfect balance for every situation
- **Extremely Quiet**
Only 41 dB(A) – barely audible in the pool area
- **Energy Efficient A+++**
Up to 30% lower power consumption thanks to INVERBOOST technology
- **Modern Design**
Elegant housing, robust and weather-resistant (ASA material)
- **WiFi Control**
Operate via app – anytime, anywhere
- **Durable & Eco-Friendly**
High-quality materials, reduced CO₂ emissions, and sustainable operation

CIRCULATION AND HEAT PUMP



REVOLUTION

THE NEW DIMENSION OF STAINLESS STEEL COMPONENTS



New Design – Refined industrial stainless steel look

One model – Fewer parts – Modular design

Maximum flexibility – Less warehousing

DESIGN IT YOUR WAY – FOUR SURFACES. ONE STATEMENT.

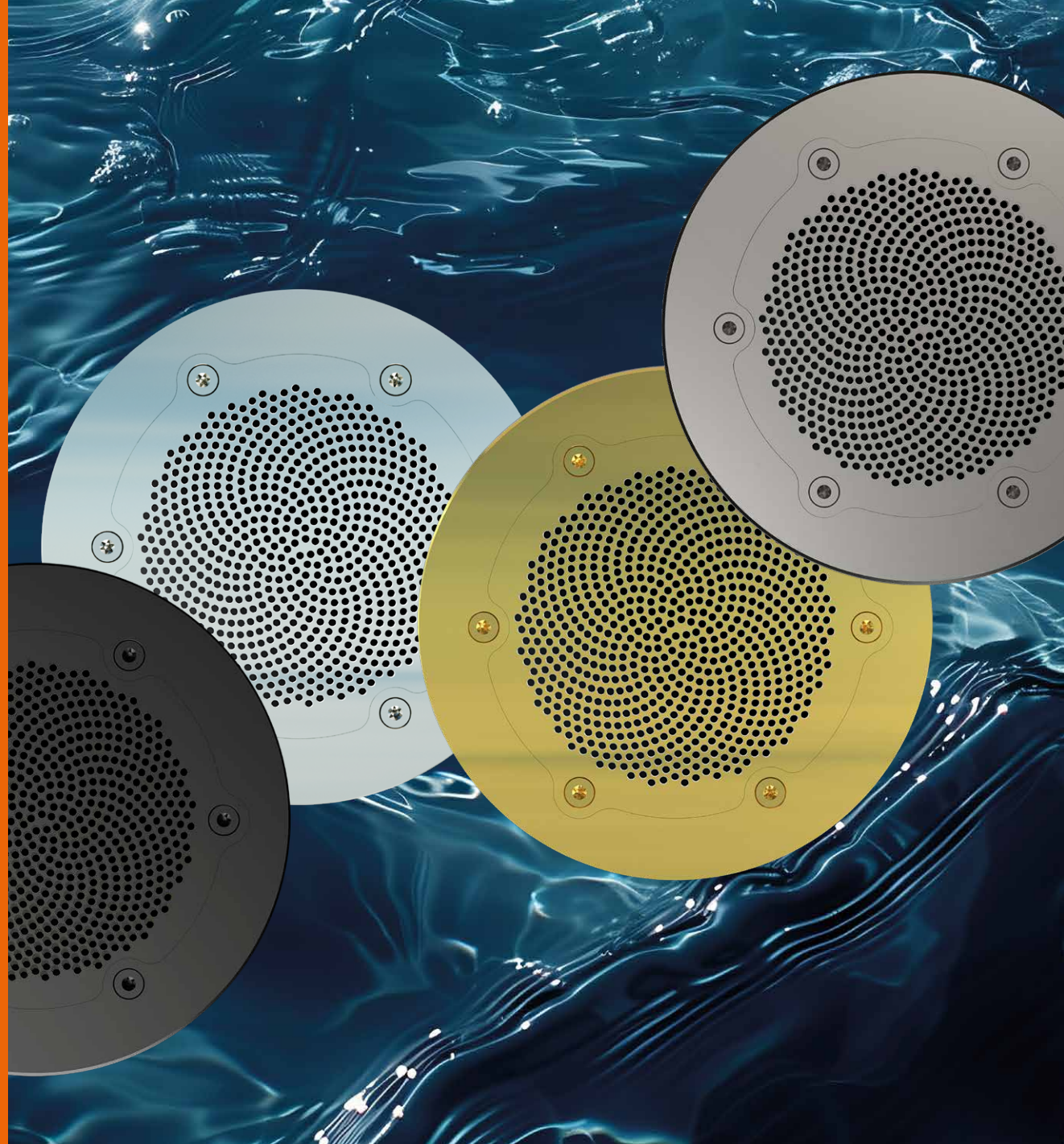
REVOLUTION presents itself in perfect form:
BLACKLINE, PURELINE, GOLDLINE and SATINLINE (LTR) –
four expressions of timeless elegance. Choose the surface that
gives your pool a distinctive signature.



All details in the
REVOLUTION brochure



Click, marvel, experience
The Revolution video



REVOLUTION – INBUILT PARTS



ORBIT Filter Series

Premium German quality, smart pricing

The new ORBIT filters (1000, 2000, 3000) from BEHNCKE introduces a filter generation that combines uncompromising German quality with excellent value for money.

Manufactured from durable GRP and optionally available with an elegant acrylic glass lid, ORBIT filters stand out for their longevity, modern design and easy maintenance. Large service openings and an optimised water distributor ensure uniform filtration at all times.

A perfect match: The ORBIT series works seamlessly with the InverPro® IP 25 + 40 filter pump and the innovative AFM® filter material. The result: first-class water treatment and crystal-clear pool water – energy-efficient, quiet and sustainable.



Your advantages at a glance:

- Premium-quality filters "Made in Germany"
- Robust GRP construction, modern grey (RAL 7046)
- Large service openings, optional acrylic glass lid
- Perfectly matched with the InverPro® IP 25 + 40 inverter pump
- Best complemented with AFM® filter material for superior water quality

The ORBIT filter series – maximum performance, minimum expense.



WATER TREATMENT

News for pool profis – The aquavision® SMART with 1.3 DOS

With the new aquavision® SMART with 1.3 DOS, pool enjoyment starts with the control system. Experience the benefits and enjoy your pool to the fullest!

The proven BEHNCKE Control 1.3 is now even better! With new functions, improved and space-saving sensors and its own modular measuring cell, which is easy to install and to operate. The 1.3 DOS becomes an integrated control system with measurement and regulation.

Highlights

- **Intelligent functions**
Even more options for easy and convenient control of your pool
- **Additional display**
Can be controlled from the patio or other living areas (protection class IP 2X)
- **Compatibility**
230 V and 400 V connections, diverse programming options and extensive connection options
- **User-friendliness**
Clearly designed, intuitive user interface and full control via a smartphone app
- **Automatic backwash**
Fully automatic cleaning of your pool filter
- **Modularity**
Space-saving and optimised sensors



Technical details

- Combination electrodes for multi-functional, space-saving and safe measurement pH/Rx
- Functional simplification and system integration e.g. BEHNCKE filter for sample water, dosing and accessories
- Connection for filter pump for 400 V or 230 V max. 8 A or frequency-controlled pump 230 V
- Dosing with proven 230 V dosing pumps interlocked via filter pump
- Control of many extras:
UV lamp 230 V interlocked via filter pump, solar actuator 230 V (solar), 230 V bar valve (backwash), bar valve 230 V (clear rinse) or freely programmable (pulse or time control), solar pump 230 V or freely programmable (pulse or time control), heating pump interlocked via filter pump 230 V, floating contact heating contact, floating contact (dosing technology)
- Integrated level control
- and much more

CONTROL, MEASUREMENT AND REGULATION TECHNOLOGY

aquavision® DELUXE – CONTROL CABINET OF THE NEXT GENERATION

BEHNCKE presents the new aquavision® DELUXE, the next generation of pool controls for fully automated and energy-efficient pool management.

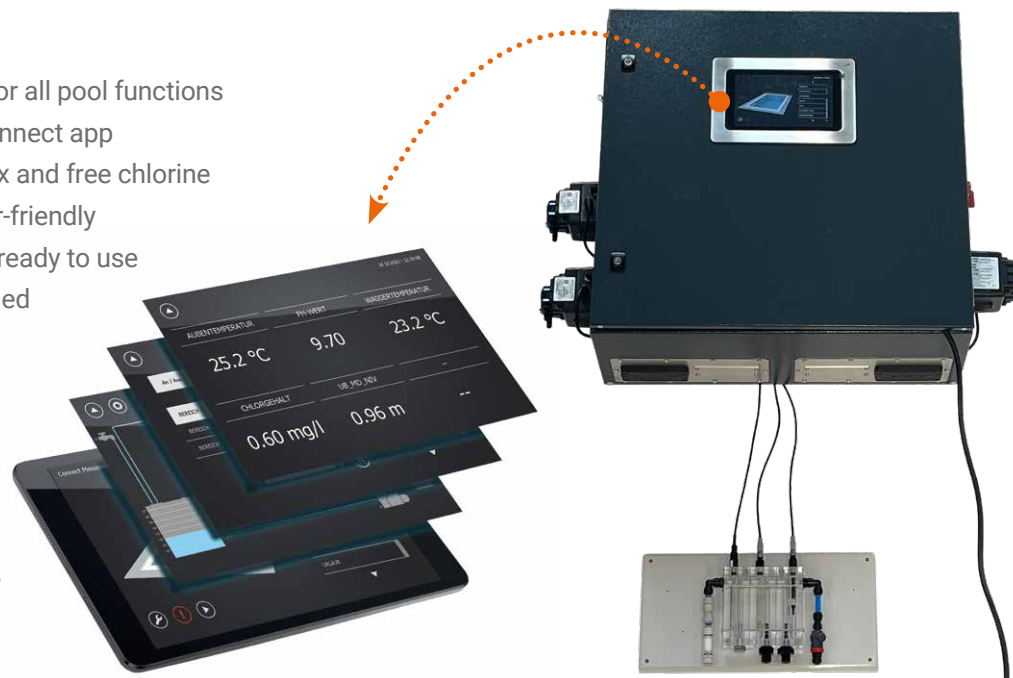
All technical components in skimmer or overflow pools are centrally controlled via BEHNCKE Connect – easily operated through iPad, tablet, PC or smartphone. The DELUXE combines maximum user comfort with precision and efficiency. Thanks to the integrated BEHNCKE Profi DOS control, pH value, redox potential and free chlorine are automatically monitored and regulated – ensuring crystal-clear water and maximum safety.

A software upgrade in 2025 will expand the system with additional functions and an optimized visualization interface. The unit is delivered pre-assembled and ready to connect.

Highlights

- Intelligent all-in-one solution for all pool functions
- Easy control via BEHNCKE Connect app
- Precise regulation of pH, redox and free chlorine
- Energy-efficient, safe and user-friendly
- Delivered pre-assembled and ready to use
- Software upgrade 2025 included

attractive menu design



Technical Details

- Compatible with BEHNCKE Connect
- Control of lighting, water features and pool covers
- Multiple sensor inputs (air, water, solar, etc.)
- Integrated aquavision® SMART control
- Eco, Holiday and Party modes
- Freely programmable terminals
- Voice control via Amazon Alexa



CONTROL, MEASUREMENT AND REGULATION TECHNOLOGY

Premium technical boxes

The practical and elegant solution for the above-ground installation of your pool technology in RAL 7016 anthracite

The technical box is available in three variants:

- ORBIT SALT Technical box
- ORBIT 1.3 DOS Technical box
- ORBIT SPACE Technical box



External dimensions:
L 151 x W 105 x
H 106 cm

Color:
RAL 7016 anthracite

All models offer additional storage space for your swimming pool cleaner and can be supplied completely pre-assembled and wired or as a kit.



ORBIT SALT
Technical box



ORBIT 1.3 DOS
Technical box



ORBIT SPACE
Technical box

TECHNICAL BOX

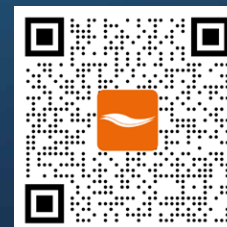
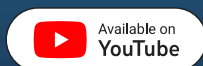


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November 2022

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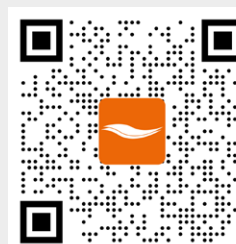
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Linktree*

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