



Export Pricelist 2025

Swimming pool and heating technology.
Made in Germany.

NEW RELEASES!

Click on the respective field

MATCHPOOLS MINI

**REVOLUTION STAINLESS STEEL
BUILT-IN PARTS**

YEAR-ROUND HEAT PUMP

**PRIVATE LABEL BEHNCKE B3 & B4,
WIRELESS POOL CLEANING**

CGT SWIMMING POOL FOILS

TECHNICAL BOXES

Version 01/2025
The prices are valid
from 15/01/2025



BEHNCKE
GmbH



Always an idea ahead.

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MATCHPOOLS MINI

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NEW!

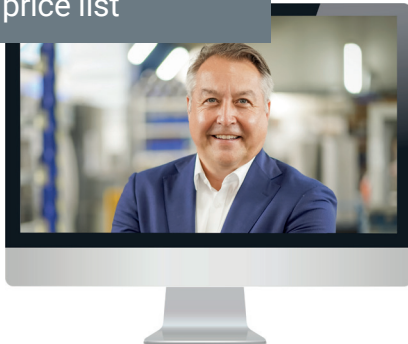
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Everything about BEHNCKE ...

Our digital
price list



Our team
in 60 seconds



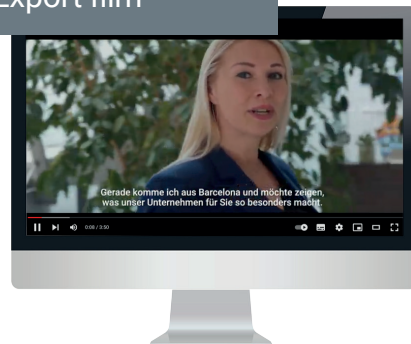
Our company
in 60 seconds



Image film



Export film



Location Munich



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www.behncke.com

Our contact
for you

Location Bühne

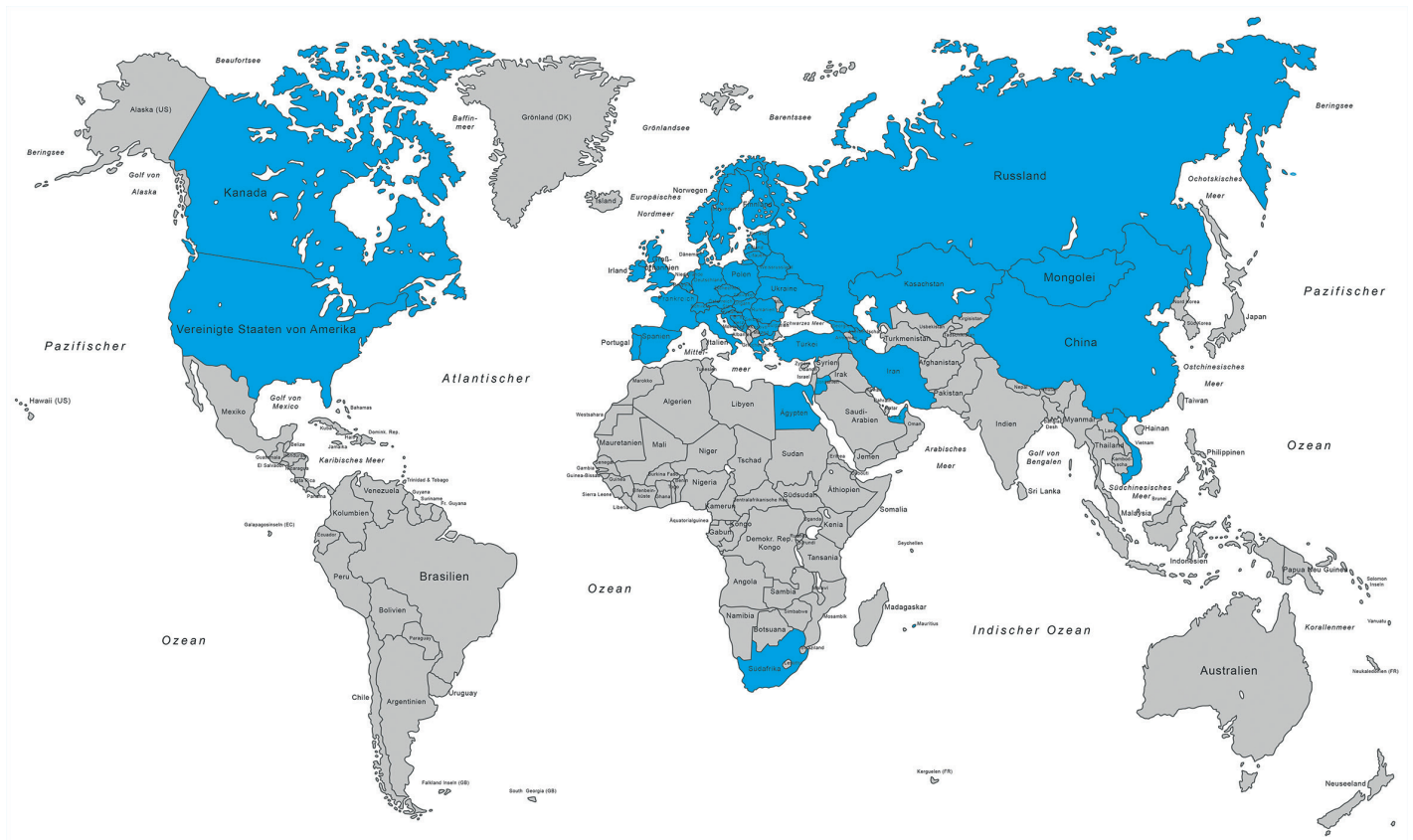


Production site for
GRP-Filter

BEHNCKE® GmbH
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Location Munich



Location Bühne



Location Barcelona



Come and visit us at ...



BEHNCKE® informs about ...

Deliveries

Only to our terms of sale 12/2018, which are listed at the end of the price list. Deliveries are made ex works at the expense and risk of the buyer.

Parcels up to 30 kg are charged with a flat fee, which is depending on the country zone (1 – 3) Parcel Shipments outside of the European Union or packages that require special handling (Filters or any oversize), will be billed upon actual effort. The minimum order value must have a net order value of € 50.00 otherwise a minimum quantity surcharge of € 15.00 must be imposed.

Zone 1 = € 18 (Austria)

Zone 2 = € 25 (Belgium, Netherlands, Luxembourg, Sweden, Denmark, Poland, France, Italy, Czech Republic, Slovenia, Croatia, Slovakia, Finland)

Zone 3 = € 29 (Greece, Portugal, Ireland, Spain, Bulgaria, Estonia, Latvia, Lithuania, Romania, Hungary)

Transport damage must be reported immediately and documented on the shipping documents.

Returns

Returns can only be sent back after prior registration. Goods can only be taken back in perfect condition and with an undamaged BEHNCKE seal to make if applicable a credit note.

The return form, which must be enclosed with every return, can be found at the QR code on the right side.

We reserve the right to charge a return fee of at least € 40.00, or a maximum of 10 % of the value of the goods on your credit note.



Returns

Complaints

Products can generally be sent back after prior registration. You will find the complaint form, which must be enclosed with every claim under the QR code on the right side.

Assumed that we cannot find any failure when checking the goods or if the customer does not agree that the product needs a repair after having received in our company, we will charge an expense allowance of € 53.00 including VAT for the work that has been carried out.

A cost estimate for Maytronics floor cleaners will be charged at € 63.00 plus VAT. This amount will not be charged if the repair is carried out.



Registration



Repair registration
Maytronics

General information

We reserve the right to make technical changes to the products shown in this price list.

If it can be foreseen that the planned average cost level for raw materials such as stainless steel, nickel, copper, etc. cannot be achieved, we reserve the right to adjust the price, even during the year or prices from our suppliers.

With the publication of this price list, all previous price lists lose their validity. All rates are in €, end customer prices without VAT.



FREQUENTLY ASKED QUESTIONS



Why isn't my cleaner climbing?

The climbing properties are influenced by the following factors: worn brushes, clogged / dirty ones Filter and / or a pool that has not been thoroughly cleaned beforehand. Make sure your pool is cleaned manually before you use the cleaner for the first time or before it returns from a repair.

My white climbing rings are dented, are they damaged?

No, the indentations on the rings are normal due to the product settling during shipping. The rings will reshape once saturated with water.

When should I use Spring filters versus Ultra-Fine filters?

The Spring filters, which come installed in the robot, should be used for most routine cleanings to remove large debris, such as leaves. The Ultra-Fine (corrugated) filters, which are included in the box, should be used occasionally to remove small debris, such as dirt or sand.

Can I leave the Dolphin in the water?

The cleaner should be removed from the water after each cycle and placed in a suitable place to dry. The weekly timer function (depending on the model) serves as a vacation mode and not as a regular operation mode.

What is the purpose of the floats on the handle of the cleaner?

The floats are on the arm of the Dolphin. The floats help to maintain the buoyancy of the cleaner when it turns on the bottom of the pool and scrubs the waterline. To adjust the buoyance, slide the float out on one side of the Dolphin. If the cleaner continues to have issues turning or scrubbing the waterline, slide the opposite float out as well.

Can I leave the power supply outside?

The power supply is splash-proof, but not waterproof. Protect the transformer in a suitable location from rain and direct sunlight or with the separately available protective cover.

How do I remove the Dolphin from the pool?

Use the floating cable to pull the robot to the edge of the pool. Grab the handle and remove the robot from the water. Do not pull the robot out of the water using the cable. Place the robot on the side of the pool to allow the water to drain.

Does the Dolphin cleaner learn my pool?

No, the Dolphin cleaner performs a new mapping sequence with each cleaning cycle.

What items are considered "wearable parts" that are NOT covered under the warranty?

The guarantee covers the functions of the electronic components (transformer, cable, motor box, remote control). Any other are due to individual usage excluded from the warranty.

For more information regarding the conversion of the filter cartridges and filter bag, please refer to the insert provided in the box.

For more detailed instructions regarding your Dolphin cleaner, please visit our owner's manual website at: manuals.maytronics.com

This is how you work with our new price list

6



2

Swimming Pool Heat Exchanger "QWT 100"

1

2 combination sockets 1½" x DN 40 or 2" x DN 50.

For heating the swimming pool water by connecting it to a central heating system. Consisting of stainless steel outer jacket with welded-in stainless steel pipe coil, complete with immersion sleeve to accommodate an electronic temperature sensor. Bracket and rubber hose mounting kit operating pressure:

10 bar on the heating side, 3 bar on the pool side.



3

Item	Output kW Heat. Preheat. 90 °C	Pump capacity heating m³/h	Pressure loss heating kPa	Pump capacity pool water m³/h	Pressure loss pool water kPa	Art. No.	GR	€ RRP w/o VAT
● QWT 100-20	23	2	4,1	10	4,3	305 018 00	1	457,00
● QWT 100-30	32	2	6,2	10	4,9	305 026 00	1	466,00
● QWT 100-40	46	2	9,3	10	5,3	305 003 00	1	448,00
● QWT 100-70	75	3	3,4	12	7,2	305 017 00	1	793,00
● QWT 100-104	137	5	13,2	15	11,3	305 027 00	1	1.015,00
● QWT 100-140	168	2 x 3	2 x 3,4	20	14,1	305 037 00	1	1.565,00
● QWT 100-209	304	2 x 5	2 x 13,2	25	17,0	305 047 00	1	1.920,00

Unit conversion 1 mWS = 9.8 kPa

Goes with

5



305 100 10

Pipe clamp
mounting



305 100 12

Pipe clamp
mounting



305 090 00

Rubber
hose mount-
ing kit NW 40



305 090 01

Rubber
hose mount-
ing kit NW 50



391 091 11

InovaNH
25/40 heating
pump



391 091 12

InovaNH
25/60 heating
pump



391 017 00

Check valve



391 018 00

Check valve

1

Product name and explanatory text

2

Product illustrations

3

Product pictograms for easy assignment

The explanations can be found on the pages 113 and 191.



4

Table with item designations, technical data, item numbers and prices

5

Goes with

We have listed possible matching articles directly under our own products to make the ordering process easier for you.

The coloured assignment indicates exactly to which article of the above table an article fits (e.g. "305 100 10 Pipe clamp fastening" fits to QWT 100-20, QWT 100-30 and QWT 100-40).

6

This is how you work with our new price list

Caution! In order to be able to use the links to our new price list, you must register in our online shop and

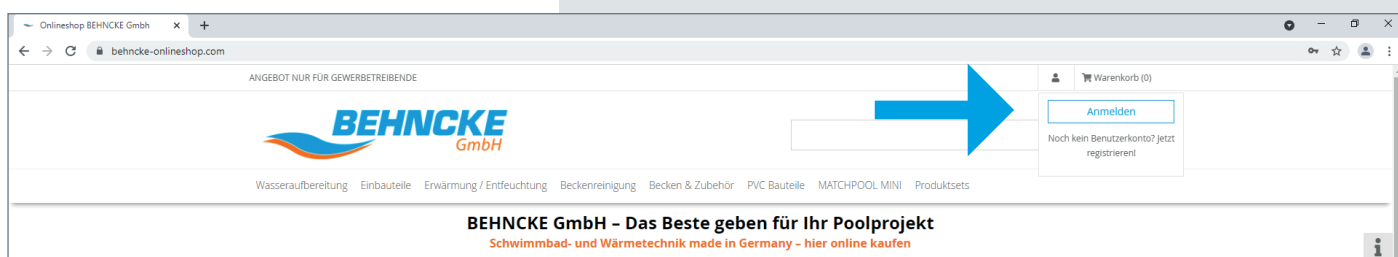
then you be logged in. By clicking on the article number, you can go directly to our shop and order your desired article quickly and easily.

You will find further details on the respective product in our online shop.

In order to be able to use all functions of the digital catalog, you must create an account in our online shop and be logged in while using the catalog.
www.behncke-onlineshop.com

Register

You can find it on the top right of our online shop under:
<https://www.behncke-onlineshop.com>



Create a new account

Please create your own user account with your data.

Benutzerkonto erstellen

Persönliche Daten

Vorname *

Nachname *

A blue arrow points from the 'Benutzerkonto erstellen' (Create user account) link in the top right corner to the registration form.

From the price list directly to the shop

Now open our price list. By clicking on the item number you get directly to our shop and you can order your desired article quickly and easily 24 hours a day.

Dimension Ø x Height mm	Service opening	Tank external Ø mm	Valve	Filter surface m²	Art. No.	GR	€ RRP w/o VAT
400 x 830	220 mm	425	1½"	0,13	708 400 02-19	3	885,00
500 x 910	300 mm	525	1½"	0,20	708 500 02-20	3	1.030,00
600 x 980	300 mm	625	1½"	0,28	708 600 02-20	3	1.106,00
750 x 1240	300 mm	780	2"	0,45	708 750 02-18	3	1.725,00
Check valve set 1½"					392 500 08-16	3	121,00
Check valve set 2"					392 500 09-16	3	192,50

A blue arrow points from the 'Art. No.' column to the '€ RRP w/o VAT' column, indicating the link to the online shop.

Crystal clear water through BEHNCKE aquavision®



The ♥ of aquavision® is the fully comprehensive water treatment how BEHNCKE conveys it – Preventing bacteria growth instead of killing them.

- Best possible filtration by using BEHNCKE filters made of GRP / certified according to DIN 16713
- High-quality, bioresistant AFM (Activated Filter Media) Filter material made of recycled and activated glass
- Energy-efficient and variable filter flow velocities through the use of speed-controlled pumps
- Complete phosphate removal through the addition of NoPhos phosphate binder
- Perfect flocculation with coagulation using APF (All Poly Floc)
- Significant reduction of disinfectants
- Chlorine stabilisation and generation of free radicals with the help of ACO (Active Catalytic Oxidation)



1. WATER TREATMENT

The filter is the core of every water treatment system. The guiding principle is: The better the physical filtration of impurities through the filter system, the lower the use of chemical disinfectants. The BEHNCKE filter systems are designed for high filtration efficiency. Besides physical filtration, chemical disinfection plays a role and we try to reduce chemicals to a minimum. BEHNCKE follows the approach of marine biologist Howard Dryden and uses the revolutionary DASY® system. Together with the use of frequency-controlled pumps and automatic Besgo valves, you achieve the highest level of brilliant and healthy water. Furthermore, energy and chlorine consumption can be drastically reduced.



[CLICK HERE FOR THE VIDEO](#)

[GO TO THE SHOP HERE](#)

GRP filter + systems for private pools



DRESDEN³ filter tank

Made of glass-fibre reinforced polyester resin. With large transparent service opening at the top DN 300 (D 500 - D 750) or DN 220 (D 400), with moulded-on foot, with built-in filter cross, drain valve with hose connection, manometer and manual venting.

- ▶ According to DIN EN 16713
- ▶ Without valve set; with screwed connection
- ▶ Operating pressure: max. 2.5 bar
- ▶ Operating temperature: max. 40 °C
- ▶ Tank colour: RAL 7035 (light grey)
- ▶ Five-year guarantee on the tightness of the housing

Surcharge for ozone resistance 8 % of list price.

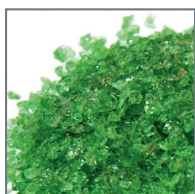
Dimension Ø x Height mm	Service opening	Tank external Ø mm	Valve	Filter surface m²	Art. No.	GR	€ RRP w/o VAT
400 x 830	220 mm	425	1½"	0,13	708 400 02-19	3	901,00
500 x 910	300 mm	525	1½"	0,20	708 500 02-20	3	1.093,00
600 x 980	300 mm	625	1½"	0,28	708 600 02-20	3	1.176,00
600 x 980	300 mm	625	2"	0,28	708 600 02-24	3	1.275,00
750 x 1240	300 mm	780	2"	0,45	708 750 02-18	3	1.757,00
Check valve set 1½"					392 500 08-16	6	121,00
Check valve set 2"					392 500 09-16	6	192,50
Rod valve DN 40 125 mm					392 320 00	8	820,00
Rod valve DN 50 140 mm					392 320 03	8	895,00

Goes with



951 596 77	951 596 78	392 500 08-16	392 500 09-16	392 320 00	392 320 03	390 115 29-1	390 121 70	390 121 71	390 122 02	609 190 500-20	609 190 630-20	951 405 97
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Filling aid for H² tanks	Filling aid for H³ tanks	Check valve set 1½"	Check valve set 2"	Besgo rod valve DN 40 125 mm	Besgo rod valve DN 50 140 mm	Filter material for filter tank DRESDEN, AFM	Filter material for filter tank DRESDEN, AFM	Filter material for filter tank DRESDEN, AFM	Filter material for filter tank DRESDEN, AFM	Screw joint with adhesive sleeve 1½"	Screw joint with adhesive sleeve 2"	Counter key
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Required filter material for filter tank DRESDEN³

AFM

The actual amount of filter material required may vary slightly, as it is rounded up to whole packaging units/bags.

for Ø	Grade 1 0,4-0,8 / bag	Grade 2 0,7-2,0 / bag	Total bags	Art. No.	GR	€ RRP w/o VAT
400	2	1	3	390 115 29-1	8	135,00
500	3	2	5	390 121 70	8	225,00
600	4	4	8	390 121 71	8	360,00
750	9	9	18	390 122 02	8	810,00



Picture with
check valve

DRESDEN³ - filter system manual

Complete with filter tank made of glass fibre reinforced polyester resin. With built-in filter cross, drain valve with hose connection, manometer with manual venting, backwash valve, completely piped with filter pump made of plastic with GS mark and large fibre catcher/prefilter, filter pump mounted on a noise-reducing plastic material pallet.

- Operating pressure: max. 2.5 bar
- Operating temperature: max. 40 °C

Dimension Ø x m³/h	Volt	Pump type	Power input kW (P1)	Height mm	Art. No.	GR	€ RRP w/o VAT
500 x 10	400	Deluxe Plus 9	0,41	950	708 500 21	6	2.308,00
600 x 14	400	Deluxe Plus 13	0,63	1030	708 600 21	6	2.482,00
750 x 23	400	Deluxe Plus 22	0,90	1240	708 750 16	6	3.855,00
400 x 6	230	Smart Plus 6	0,35	830	708 400 17	6	1.721,00
500 x 10	230	Comfort 12	0,65	950	708 500 23-20	6	1.893,00
600 x 14	230	Comfort 14	0,97	1030	708 600 24-20	6	2.111,00
750 x 23	230	Deluxe Plus 22	1,03	1240	708 750 28	6	3.932,00



DRESDEN³ - filter system with rod valve

See details DRESDEN³ - filter system manual.

Dimension Ø x m³/h	Volt	Pump type	Power input kW (P1)	Height mm	Art. No.	GR	€ RRP w/o VAT
500 x 10	400	Deluxe Plus 9	0,41	950	708 500 22	6	3.182,00
600 x 14	400	Deluxe Plus 13	0,63	1030	708 600 22	6	3.370,00
750 x 23	400	Deluxe Plus 22	0,90	1240	708 750 30	6	4.720,00
500 x 10	230	Comfort 12	0,65	950	708 500 16-20	6	3.238,00
600 x 14	230	Comfort 14	0,97	1030	708 600 17-20	6	3.360,00
750 x 23	230	Deluxe Plus 22	1,03	1240	708 750 29	6	4.856,00



DRESDEN³ - filter system with rod valve and frequency-controlled pump

See details DRESDEN³ - filter system manual.

Dimension Ø x m³/h	Volt	Pump type	Power input kW (P1)	Height mm	Art. No.	GR	€ RRP w/o VAT
500 x 10	230	Deluxe ECO VS	0,03- 1,4	950	708 500 18-20	6	4.185,00
600 x 14	230	Deluxe ECO VS	0,03 - 1,4	1030	708 600 19-20	6	4.265,00
750 x 25	230	Deluxe ECO VS	0,03 - 1,4	1240	708 750 20-19	6	4.975,00

The filter systems were designed with the appropriate water column. This corresponds to a maximum flow velocity of 50 m/h in the filter tank (DIN EN 16713 - flow velocity ≤ 50 m/h).

GRP filter + systems for private pools



BÜHNE³ filter tank

Made of glass-fibre reinforced polyester resin. With an internal seal, large service opening at the top DN 300 and at the side DN 220, with built-in filter cross, drain valve with hose connection, manometer and manual venting.

- ▶ According to DIN EN 16713
- ▶ Without valve set; with screwed connection
- ▶ Operating pressure: max. 2.5 bar
- ▶ Operating temperature: max. 40 °C
- ▶ Tank colour: RAL 7035 (light grey)
- ▶ Five-year guarantee on the tightness of the housing

Surcharge for ozone resistance 8 % of list price.

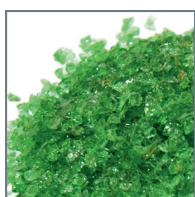
Dimension Ø x Height mm	Service opening	Tank external Ø mm	Valve	Filter surface m²	Art. No.	GR	€ RRP w/o VAT
500 x 1120	300 mm	525	1½"	0,20	709 500 02-20	3	1.675,00
600 x 1130	300 mm	625	1½"	0,28	709 600 02-20	3	1.758,00
600 x 1130	300 mm	625	2"	0,28	709 600 02-24	3	1.870,00
750 x 1240	300 mm	780	2"	0,45	709 750 02-18	3	2.202,00
970 x 1355	300 mm	970	2½"	0,71	709 970 02-22	3	3.003,00
Check valve set 1½"					392 500 08-16	6	121,00
Check valve set 2"					392 500 09-16	6	192,50
Check valve set 2½"					392 310 25	6	491,00
Rod valve DN 40 125 mm					392 320 00	8	820,00
Rod valve DN 50 140 mm					392 320 03	8	895,00
Rod valve DN 65 270 mm					392 320 32	8	1.180,00

Goes with

NEW!



951 596 78	392 500 08-16	392 500 09-16	392 310 25	392 320 00	392 320 03	392 320 32	390 121 73	390 121 74	390 114 10	390 114 50	609 190 500-20	609 190 630-20	609 180 75
Filling aid for H³ tanks	Check valve set 1½"	Check valve set 2"	Check valve set 2½"	Besgo rod valve DN 40 125 mm	Besgo rod valve DN 50 140 mm	Besgo rod valve DN 65 270 mm	Filter material for filter tank BÜHNE, AFM	Filter material for filter tank BÜHNE, AFM	Filter material for filter tank BÜHNE, AFM	Filter material for filter tank BÜHNE, AFM	Screw joint with adhesive sleeve 1½"	Screw joint with adhesive sleeve 2"	Screw joint with adhesive sleeve 2½"



Required filter material for filter tank BÜHNE³

AFM

The actual amount of filter material required may vary slightly, as it is rounded up to whole packaging units/bags.

for Ø	Grade 1 0,4-0,8 / bag	Grade 2 0,7-2,0 / bag	Total bags	Art. No.	GR	€ RRP w/o VAT
500	4	4	8	390 121 73	8	360,00
600	6	5	11	390 121 74	8	495,00
750	10	9	19	390 114 10	8	855,00
970	24	12	36	390 114 50	8	1.620,00



Picture with
check valve

BÜHNE³ - filter system manual

Manual with filter tank made of glass fibre reinforced polyester resin. Including an internal seal, built-in filter cross, drain valve with hose connection, manometer with manual venting, backwash valve, completely piped with plastic filter pump with GS mark and large fibre catcher and filter pump mounted on a noise-reducing plastic pallet.

- Operating pressure: max. 2.5 bar
- Operating temperature: max. 40 °C

Dimension Ø x m³/h	Volt	Pump type	Power input kW (P1)	Height mm	Art. No.	GR	€ RRP w/o VAT
500 x 10	400	Deluxe Plus 9	0,41	1120	709 500 14	6	2.694,00
600 x 14	400	Deluxe Plus 13	0,63	1130	709 600 20	6	3.065,00
750 x 23	400	Deluxe Plus 22	0,90	1240	709 750 16	6	4.456,00
500 x 10	230	Comfort 12	0,65	1120	709 500 23-20	6	2.299,00
600 x 14	230	Comfort 14	0,97	1130	709 600 24-20	6	2.675,00
750 x 23	230	Deluxe Plus 22	1,03	1240	709 750 28	6	4.385,00



BÜHNE³ - filter system with rod valve

See details BÜHNE³ - filter system manual.

Dimension Ø x m³/h	Volt	Pump type	Power input kW P1)	Height mm	Art. No.	GR	€ RRP w/o VAT
500 x 10	400	Deluxe Plus 9	0,41	1120	709 500 19	6	3.748,00
600 x 14	400	Deluxe Plus 13	0,63	1130	709 600 21	6	3.983,00
750 x 23	400	Deluxe Plus 22	0,90	1240	709 750 30	6	5.356,00
500 x 10	230	Deluxe Plus 9	0,46	1120	709 500 16-20	6	3.777,00
600 x 14	230	Deluxe Plus 13	0,61	1130	709 600 16-20	6	4.019,00
750 x 23	230	Deluxe Plus 22	1,03	1240	709 750 29	6	5.492,00



BÜHNE³ - filter system with rod valve and frequency-controlled pump

See details BÜHNE³ - filter system manual.

Dimension Ø x m³/h	Volt	Pump type	Power input kW P1)	Height mm	Art. No.	GR	€ RRP w/o VAT
500 x 10	230	Deluxe ECO VS	0,03 - 1,4	1120	709 500 18-20	6	4.805,00
600 x 14	230	Deluxe ECO VS	0,03 - 1,4	1130	709 600 19-20	6	4.900,00
750 x 23	230	Deluxe ECO VS	0,03 - 1,4	1240	709 750 20-19	6	5.615,00
970 x 34	230	Badu ECO Flex	0,08 - 2,6	1355			

The filter systems were designed with the appropriate water column. This corresponds to a maximum flow velocity of 50 m/h in the filter tank (DIN EN 16713 - flow velocity ≤ 50 m/h).

GRP filter + systems for private pools



BERLIN³ - high layer filter tank

Made of glass-fibre reinforced polyester resin. With an internal seal, large service opening at the top DN 300 and at the side DN 220, with built-in filter cross, drain valve with hose connection, manometer and manual venting.

- ▶ According to DIN EN 16713
- ▶ Without valve set; with screwed connection
- ▶ Operating pressure: max. 2.5 bar
- ▶ Operating temperature: max. 40 °C
- ▶ Tank colour: RAL 7035 (light grey)
- ▶ Five-year guarantee on the tightness of the housing

Surcharge for ozone resistance 8 % of list price.

Dimension Ø x Height mm	Service opening	Tank external Ø mm	Valve	Filter surface m²	Art. No.	GR	€ RRP w/o VAT
500 x 1480	300 mm	525	1½"	0,20	391 500 02-20	3	2.285,00
600 x 1450	300 mm	625	2"	0,28	391 600 02-20	3	2.430,00
750 x 1500	300 mm	780	2"	0,45	391 750 02-18	3	2.871,00
970 x 1560	300 mm	970	2½"	0,28	391 970 02-22	3	3.828,00
Check valve set 1½"					392 500 08-16	6	121,00
Check valve set 2"					392 500 09-16	6	192,50
Rod valve DN 40 125 mm					392 320 00	8	820,00
Rod valve DN 50 140 mm					392 320 03	8	895,00

Dazu passt

NEW!



951 596 78

Filling aid for H³ tanks



392 500 08-16

Check valve set 1½"



392 500 09-16

Check valve set 2"



392 310 25

Check valve set 2½"



392 320 00

Besgo rod valve DN 40 125 mm



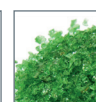
392 320 03

Besgo rod valve DN 50 140 mm



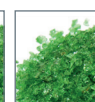
392 320 32

Besgo rod valve DN 65 270 mm



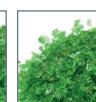
390 121 75

Filter material for filter tank Berlin, AFM



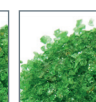
390 121 76

Filter material for filter tank Berlin, AFM



390 121 22

Filter material for filter tank Berlin, AFM



390 121 23

Filter material for filter tank Berlin, AFM



609 190 500-20

Screw joint with adhesive sleeve 1½"



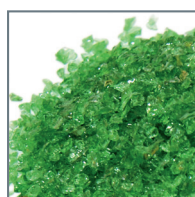
609 190 630-20

Screw joint with adhesive sleeve 2"



609 180 75

Screw joint with adhesive sleeve 2½"



Required filter material for filter tank BERLIN³

AFM

The actual amount of filter material required may vary slightly, as it is rounded up to whole packaging units/bags.

for Ø	Grade 1 0,4-0,8 / bag	Grade 2 0,7-2,0 / bag	Grade 3 bag	Total bags	Art. No.	GR	€ RRP w/o VAT
500	5	5		10	390 121 75	8	450,00
600	7	7		14	390 121 76	8	630,00
750	12	11		23	390 121 22	8	1.035,00
970	18	9	9	36	390 121 23	8	1.620,00



Picture with
check valve

BERLIN³ - filter system manual

Complete with filter tank made of glass fibre reinforced polyester resin. Including an internal seal, large service openings at the top and sides, with built-in filter cross, drain valve with hose connection, manometer and manual venting, check valve, completely piped with filter pump made of plastic with GS mark and large fibre trap and filter pump mounted on a noise-reducing plastic pallet.

- Operating pressure: max. 2.5 bar
- Operating temperature: max. 40 °C

Surcharge for sight glass 150 x 50 mm, Res.-No. 806 800 50: 269,50 Euro gross. The filter system was designed with the respective water column indicated. This corresponds to a flow velocity of 50 m/h in the filter tank (DIN EN 16713 - flow velocity ≤ 50 m/h).

Dimension Ø x m³/h	Volt	Pump type	Power input kW (P1)	Height mm	Art. No.	GR	€ RRP w/o VAT
500 x 10	400	Deluxe Plus 9	0,41	1480	391 500 14	6	3.065,00
600 x 14	400	Deluxe Plus 13	0,63	1450	391 600 17	6	3.513,00
750 x 23	400	Deluxe Plus 22	0,90	1500	391 750 16	6	4.196,00
500 x 10	230	Deluxe Plus 9	0,46	1480	391 500 15	6	3.130,00
600 x 14	230	Deluxe Plus 13	0,61	1450	391 600 25	6	3.601,00



BERLIN³ - filter system with rod valve

See details BERLIN³ - filter system manual.

The filter systems were designed with the appropriate water column. This corresponds to a maximum flow velocity of 50 m/h in the filter tank (DIN EN 16713 - flow velocity ≤ 50 m/h).

Dimension Ø x m³/h	Volt	Pump type	Power input kW (P1)	Height mm	Art. No.	GR	€ RRP w/o VAT
500 x 10	400	Deluxe Plus 9	0,41	1480	391 500 17	6	3.972,00
600 x 14	400	Deluxe Plus 13	0,63	1450	391 600 18	6	4.255,00
750 x 23	400	Deluxe Plus 22	0,90	1500	391 750 29	6	5.291,00
500 x 10	230	Deluxe Plus 9	0,46	1480	391 500 16	6	4.019,00
600 x 14	230	Deluxe Plus 13	0,61	1450	391 600 19	6	4.460,00
750 x 23	230	Deluxe Plus 22	1,03	1500	391 750 28	6	5.435,00



BERLIN³ - filter system with rod valve and frequency-controlled pump

See details BERLIN³ - filter system manual.

Dimension Ø x m³/h	Volt	Pump type	Power input kW (P1)	Height mm	Art. No.	GR	€ RRP w/o VAT
500 x 10	230	Deluxe Eco VS	0,03 - 1,4	1480	391 500 26-20	6	4.845,00
600 x 14	230	Deluxe Eco VS	0,03 - 1,4	1450	391 600 27-20	6	5.815,00
750 x 23	230	Deluxe Eco VS	0,03 - 1,4	1500	391 750 28-19	6	6.530,00
970 x 34	230	Badu ECO Flex	0,08 - 3,6	1560			

Stainless steel filters + systems for private pools



Europa - filter tank 1010²

Polished stainless steel, material V4A (1.4404), cover (service-friendly opening) with clamping ring, built-in filter cross, drain valve with hose connection, manometer and manual venting.

- With screwed connection
- Operating pressure: max. 2.0 bar
- Operating temperature: max. 40 °C

Dimension Ø x Height mm	Valve	Filter surface m²	Art. No.	GR	€ RRP w/o VAT
● 450 x 725	2"	0,16	100 450 02-16	3	1.618,00
● 550 x 750	2"	0,24	100 550 02-16	3	1.829,00
● 630 x 750	2"	0,31	100 650 02-16	3	2.115,00
Check valve set 1½"			392 500 08-16	6	121,00
Check valve set 2"			392 500 09-16	6	192,50
Rod valve DN 40 125 mm			392 320 00	8	820,00
Rod valve DN 50 140 mm			392 320 03	8	895,00

Goes with



● ● ●	●	● ●	●	●	●	●
392 500 08-16	392 500 09-16	392 320 00	392 320 03	390 121 78	390 121 79	390 121 80
Check valve set 1½"	Check valve set 2"	Besgo rod valve DN 40 125 mm	Besgo rod valve DN 50 140 mm	Filter material for filter tank Europa, AFM	Filter material for filter tank Europa, AFM	Filter material for filter tank Europa, AFM



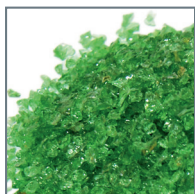
Europa - filter system manual

Complete with filter tank made of glass fibre reinforced polyester resin. Including an internal seal, large service openings at the top and sides, with built-in filter cross, drain valve with hose connection, manometer and manual venting, check valve, completely piped with filter pump made of plastic with GS mark and large fibre trap and filter pump mounted on a noise-reducing plastic pallet.

- Operating pressure: max. 2.0 bar
- Operating temperature: max. 40 °C

The filter systems were designed with the appropriate water column. This corresponds to a maximum flow velocity of 50 m/h in the filter tank (DIN EN 16713 - flow velocity \leq 50 m/h).

Dimension Ø x m³/h	Volt	Pump type	Power input kW (P1)	Height mm	Art. No.	GR	€ RRP w/o VAT
550 x 12	400	Deluxe Plus 9	0,41	790	103 55 003	6	2.852,00
630 x 15	400	Deluxe Plus 13	0,63	800	103 650 03	6	3.100,00
550 x 12	230	Comfort 12	0,5	790	102 550 02-16	6	2.468,00



Required filter material for filter tank EUROPA

AFM

The actual amount of filter material required may vary slightly, as it is rounded up to whole packaging units/bags.

for Ø	Grade 1 0,4-0,8 / bag	Grade 2 0,7-2,0 / bag	Total bags	Art. No.	GR	€ RRP w/o VAT
450	2	1	3	390 121 78	8	135,00
550	2	2	4	390 121 79	8	180,00
630	3	3	6	390 121 80	8	270,00

Stainless steel filters + systems for private pools



Multilayer - filter tank 2010²

Polished stainless steel, material V4A (1.4404), cover (service-friendly opening) with clamping ring, built-in filter cross, drain valve with hose connection and manometer and manual venting. Particularly good filter performance due to greater overall height and special sand filling.

- With screwed connection
- Operating pressure: max. 2.0 bar
- Operating temperature: max. 40 °C

Dimension Ø x Height mm	Valve	Filter surface m ²	Art. No.	GR	€ RRP w/o VAT
● 450 x 895	2"	0,16	200 450 02-16	3	1.857,00
● 550 x 910	2"	0,24	200 550 02-16	3	2.170,00
● 630 x 920	2"	0,31	200 650 02-16	3	2.521,00
Check valve set 1½"			392 500 08-16	6	121,00
Check valve set 2"			392 500 09-16	6	192,50
Rod valve DN 40 125 mm			392 320 00	8	820,00
Rod valve DN 50 140 mm			392 320 03	8	895,00

Goes with



● ● ●	●	● ●	●	●	●	●
392 500 08-16	392 500 09-16	392 320 00	392 320 03	390 121 81	390 121 82	390 121 83
Check valve set 1½"	Check valve set 2"	Besgo rod valve DN 40 125 mm	Besgo rod valve DN 50 140 mm	Filter material for filter tank Multilayer, AFM	Filter material for filter tank Multilayer, AFM	Filter material for filter tank Multilayer, AFM



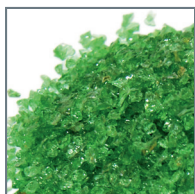
Multilayer - filter system manual

Complete with stainless steel tank 2010, material V4A (1.4404), with built-in filter cross, drain valve with hose connection, manometer with manual venting, backwash valve, completely piped with self-priming filter pump made of plastic with GS mark and large fibre catcher, mounted on a noise-reducing plastic pallet.

- Operating pressure: max. 2.5 bar
- Operating temperature: max. 40 °C

The filter systems were designed with the appropriate water column. This corresponds to a maximum flow velocity of 50 m/h in the filter tank (DIN EN 16713 - flow velocity \leq 50 m/h).

Dimension Ø x m³/h	Volt	Pump type	Power input kW (P1)	Height mm	Art. No.	GR	€ RRP w/o VAT
550 x 12	400	Deluxe Plus 9	0,41	790	103 55 003	6	2.852,00
630 x 15	400	Deluxe Plus 13	0,63	800	103 650 03	6	3.100,00
550 x 12	230	Comfort 12	0,5	790	102 550 02-16	6	2.468,00



Required filter material for filter tank multilayer

AFM

The actual amount of filter material required may vary slightly, as it is rounded up to whole packaging units/bags.

for Ø	Grade 1 0,4-0,8 / bag	Grade 2 0,7-2,0 / bag	Total bags	Art. No.	GR	€ RRP w/o VAT
450	2	2	4	390 121 81	8	180,00
550	3	2	5	390 121 82	8	225,00
630	4	4	8	390 121 83	8	360,00

Basic filter systems



CRISTALL² - filter tank

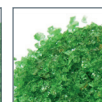
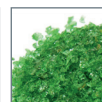
Made from polyethylene, with flanged cover DN 220 made of glass-fibre reinforced polypropylene, with pre-mounted filter cross, drain valve with hose connection, manometer and manual venting.

- ▶ Without valve set
- ▶ With screwed connection
- ▶ Operating pressure: max. 2.0 bar
- ▶ Operating temperature: max. 30 °C

Not suitable for use under constant solar radiation and/or for use with photo-voltaic systems.

Dimension Ø x Height mm	Valve	Art. No.	GR	€ RRP w/o VAT
● 400 x 820	1½"	393 400 02-16	6	471,00
● 500 x 880	1½"	393 500 02-16	6	555,00
● 600 x 960	1½"	393 600 02-16	6	632,00
● 900 x 1075 - Colour: White - only while stocks last -	2"	393 900 02-16	6	1.142,00
Check valve set 1½"		392 500 08-16	6	121,00
Check valve set 2"		392 500 09-16	6	192,50
Rod valve DN 40 125 mm		392 320 00	6	820,00
Rod valve DN 50 140 mm		392 320 03	6	895,00

Goes with



392 500 08-16

392 500 09-16

392 320 00

392 320 03

390 121 24

390 121 25

390 121 26

390 121 28

Check valve
set 1½"

Check valve
set 2"

Besgo rod
valve DN 40
125 mm

Besgo rod
valve DN 50
140 mm

Filter material
for filter tank
CRISTALL²,
AFM

Filter material
for filter tank
CRISTALL²,
AFM

Filter material
for filter tank
CRISTALL²,
AFM

Filter material
for filter tank
CRISTALL²,
AFM



CRISTALL² - filter system manual

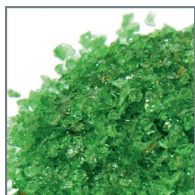
Complete with filter tank made of thick-walled polyethylene, with flanged cover DN 220 made of glass fibre-reinforced polypropylene, with pre-mounted filter cross, drain valve with hose connection, manometer, manual venting as well as a 6-way backwash valve set, completely piped with self-priming filter pump made of plastic with GS mark and large fibre catcher (ready to plug in), mounted on a noise-reducing plastic pallet.

- Operating pressure: max. 1,5 bar
- Operating temperature: max. 30 °C

Not suitable for use under constant solar radiation and/or for use with photo-voltaic systems.

The filter systems were designed with the appropriate water column. This corresponds to a maximum flow velocity of 50 m/h in the filter tank (DIN EN 16713 - flow velocity \leq 50 m/h).

Dimension Ø x m³/h	Volt	Pump type	Power input kW (P1)	Height mm	Art. No.	GR	€ RRP w/o VAT
400 x 6	230	Smart 6	0,45	865	393 400 22-16	6	1.160,00
500 x 10	230	Smart 11	0,69	925	393 500 23-16	6	1.314,00
600 x 14	230	Comfort 14	0,97	1005	393 600 24-16	6	1.519,00
750 x 22	400	Deluxe 20	1,40	1055	393 750 25-16	6	2.315,00
900 x 31	400	Deluxe 30	2,00	1075	393 900 26-16	6	3.095,00



Required filter material for filter tank CRISTALL²

AFM

The actual amount of filter material required may vary slightly, as it is rounded up to whole packaging units/bags.

for Ø	Grade 1 0,4-0,8 / bag	Grade 2 0,7-2,0 / bag	Total bags	Art. No.	GR	€ RRP w/o VAT
350	1		1	390 121 23	8	45,00
400	1	1	2	390 121 24	8	90,00
500	2	1	3	390 121 25	8	135,00
600	3	3	6	390 121 26	8	270,00
750	6	6	12	390 121 27	8	540,00
900	8	7	15	390 121 28	8	675,00

Basic filter systems



KÖLN² - filter tank

Made from glass fibre reinforced polypropylene, 2-piece with clamping ring, with built-in filter cross, drain valve with hose connection, manometer and manual venting.

- ▶ Without valve set
- ▶ With screwed connection
- ▶ Operating pressure: max. 1.8 bar
- ▶ Operating temperature: max. 40 °C

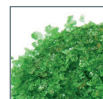
Dimension Ø x Height mm	Valve	Filter surface m²	Art. No.	GR	€ RRP w/o VAT
● 400 x 795	1½"	0,13	703 400 02-16	6	505,00
● 500 x 880	1½"	0,20	703 500 02-16	6	659,00
● 600 x 1065	1½"	0,28	703 600 02-16	6	807,00
Check valve set 1½"			392 400 99	6	121,00

Goes with



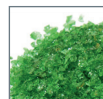
392 400 99

Check valve set 1½"



390 121 67

Filter material for filter tank KÖLN, AFM



390 121 68

Filter material for filter tank KÖLN, AFM



390 121 69

Filter material for filter tank KÖLN, AFM



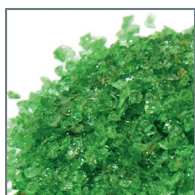
KÖLN² - filter system manual

Complete with filter tank made of glass-fibre reinforced polypropylene, 2-piece with clamping ring, built-in filter cross, drain valve with hose connection, manometer with manual venting, 6-way check valve, completely piped with self-priming filter pump made of plastic with GS mark and large fibre catcher (ready to plug in), mounted on a noise-reducing plastic pallet.

- Operating pressure: max. 1.8 bar
- Operating temperature: max. 40 °C

The filter systems were designed with the appropriate water column. This corresponds to a maximum flow velocity of 50 m/h in the filter tank (DIN EN 16713 - flow velocity \leq 50 m/h).

Dimension Ø x m³/h	Volt	Pump type	Power input kW (P1)	Height mm	Art. No.	GR	€ RRP w/o VAT
400 x 6	230	Smart Plus 6	0,35	840	703 400 25	6	1.476,00
500 x 10	230	Smart Plus 10	0,35	920	703 500 25	6	1.727,00
500 x 10	230	Comfort 14	0,69	920	703 500 50-16	6	1.994,00
600 x 14	230	Deluxe plus 13	0,61	1105	703 600 14	6	2.074,00



Required filter material for filter tank KÖLN²

AFM

The actual amount of filter material required may vary slightly, as it is rounded up to whole packaging units/bags.

for Ø	Grade 1 0,4-0,8 / bag	Grade 2 0,7-2,0 / bag	Total bags	Art. No.	GR	€ RRP w/o VAT
400	1	1	2	390 121 67	8	90,00
500	2	2	4	390 121 68	8	180,00
600	3	2	5	390 121 69	8	225,00

Accessories for private filter technology



NEW!

[Click here for the video!](#)

Filling aid for filter material

- Made of stainless steel
- Fits with all Behncke H² and H³ filters
- Placed on the filter opening
- This opening is provided with a tip which allows the AFM bag to tear open and the filter material trickles into the filter
- This filling aid covers the sludge water funnel and protects the stud bolts from damage and contamination

Item	Art. No.	€ RRP w/o VAT
Filling aid made of stainless steel for H ² tanks	951 596 77	232,00
Filling aid made of stainless steel for H ³ tanks	951 596 78	232,00



Plastic filter pallets

Item	Dimension (L x W) mm	Art. No.	GR	€ RRP w/o VAT
Filter pallet for tank D 400 + D 500		871 300 20	7	61,40
Filter pallet for filter pumps		871 300 40	7	23,80
Filter palette	1000 x 500	871 300 07	7	87,40
Filter palette	1000 x 1000	871 300 10	7	87,40

Filter filling single packaging

Item	Grain	Weight kg	Art. No.	GR	€ RRP w/o VAT
Filter sand	0,4-0,8	25	390 115 07	6	21,00
Filter sand	0,71-1,25	25	390 115 08	6	21,00
Filter sand	1,0-2,0	25	390 115 09	6	21,00
Hydroanthracite "N"	0,6-1,6	33	390 115 03	6	185,00
AquaSorb based on coconut shell	0,6-2,36	25	390 115 01	6	285,00

Spare parts: o-ring

Item	for Ø	For service opening	Art. No.	GR	€ RRP w/o VAT
EUROPA Multi-layer and filter tanks	450		100 450 13	6	24,95
EUROPA Multi-layer and filter tanks	550		100 550 13	6	29,50
EUROPA Multi-layer and filter tanks	630		100 650 13	6	34,15
DRESDEN, BÜHNE, BERLIN	400, 800	DN 220	433 218 08	6	10,35
CRISTALL	400, 500, 600, 750, 900	DN 220	433 218 08	6	10,35
DRESDEN, BÜHNE, BERLIN	500, 600, 750	DN 300	433 218 10	6	12,55
KÖLN filter tank	400		703 400 56	6	39,65
KÖLN filter tank	500		703 500 56	6	47,00
KÖLN filter tank	600		703 600 56	6	52,60



Spare parts: lid

Item	Art. No.	GR	€ RRP w/o VAT
Tank lid black suitable for all tanks with ¼" hole	807 000 49	6	48,90
Acrylic glass lid suitable for all private GRP tanks with ¼" hole	430 024 07	8	105,60
Acrylic glass lid suitable for all private GRP tanks of the x³ filter series with more offset ¼" hole	430 750 30-23	8	240,00
Acrylic glass lid laterally. Manhole for type BÜHNE, BERLIN	430 024 08	8	105,60



Spare parts: drain valve from year 2016

Item	Art. No.	GR	€ RRP w/o VAT
PVC drainage for all GRP tanks	609 058 67	6	12,20
Gardena hose coupling	609 058 68	6	9,10
Gardena hose connection with control valve	609 058 71	6	16,10
Flat gasket	609 058 70	6	1,30
Drainage set complete for DRESDEN/BÜHNE/BERLIN	110 708 18-16	10	31,90

Spare parts: drain valve until year 2015

Item	Art. No.	GR	€ RRP w/o VAT
Type: EH-0.2 (25 mm thread), Cristall D350	807 000 42	6	9,30
Type: ED (20 mm thread), Cristall D400, D500, D600, D750, D900 Köln D400, D500, D600, Dresden D500, D600, Top10 D500, D600 European and multilayer tanks D450, D550, D630	433 002 02	6	9,30
Type: ED (30 mm thread), Dresden D800, Top 10 D800, Berlin D500, D600, D800, Top 20 D500, D600, DF 100 D500, D600, DF 200 D500, D600, D800, Bühne D500, D600	807 000 421	6	11,10

Spare parts: manometer

Item	Art. No.	GR	€ RRP w/o VAT
0-2.5 bar R ⅜, suitable for all above-mentioned tanks	200 100 16	7	18,20
0-2.5 bar R ¼ suitable for stainless steel vent valve	200 100 29	7	21,20

Spare Parts: vent valve

Item	Art. No.	GR	€ RRP w/o VAT
Complete R ⅜ x R ¼, suitable for all above-mentioned tanks	200 100 04	6	6,30
Connecting piece for vent valve (in conjunction with acrylic glass lid)	200 100 15	6	13,45
Complete R ⅜ x R ¼, suitable for all above-mentioned tanks, from stainless steel (V4A)	200 100 30	6	56,25

Filter technology public



MÜNCHEN - high-layer filter tank with nozzle bottom

Plastic tank made of glass-fibre reinforced polyester resin. An inner seal and inspection opening at the top. Raw water inner piping reinforced with counter bearing, built-in nozzle bottom, a large lateral service opening and sight glass 150 x 50 mm. Pressure vessel inspection done by experts according to works standard. *Manhole opening according to works standard.

- ▶ Manhole opening according to works standard
- ▶ Operating pressure 2.5 bar
- ▶ Test pressure 3.575 bar
- ▶ Max. operating temperature 40 °C
- ▶ Tank colour: RAL 7035 (light grey)

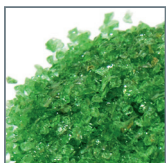
Not for use in continuous sunlight and/or for use with suitable for solar systems.

Ø mm internal	Tank external Ø mm	Height mm	Pipe / clean flange connection	Filter capacity (m³/h) at 30 m/h flow velocity	Weight kg	Art. No.	GR	€ RRP w/o VAT
600	630	1800	DN80 / DN50	9	83	861 600 00-24	3	4.932,00
800	840	1800	DN80 / DN65	15	119	861 800 00-24	3	5.920,00
1000	1050	1830	DN125 / DN100	24	211	861 100 03-19	3	7.854,00
1200	1260	1800	DN125 / DN125	34	324	861 120 03-19	3	10.786,00
1400	1430	2035	DN150 / DN125	46	480	861 140 03-16	3	16.299,00



Required filter material for filter tank MÜNCHEN with nozzle plate

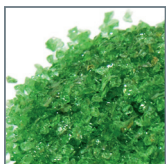
Filter material for filling with 900 mm dumping height.
Indication of the required number of bags of AFM (21 kg).
The actual amount of filter material required may vary slightly, as it is rounded up to whole packaging units/bags.



Container type	Size Ø mm	Grade 1 / Grade DIN	Grade 2	Grade 3	Total in kilos
München	600	8	8	0	336
München	800	13	7	7	567
München	1000	21	11	11	903
München	1200	30	15	15	1260
München	1400	41	21	21	1743

Required filter material for filter tank MÜNCHEN with nozzle plate (single or multi-layer)

Filter material for filling with 900 mm dumping height.
Indication of the required number of bags of AFM (21 kg) and aquasorb (25 kg).
The actual amount of filter material required may vary slightly, as it is rounded up to whole packaging units/bags.



Container type	Size Ø mm	Grade 1 / Grade DIN	Grade 2	Grade 3	Aquasorb	Total in kilos
München	600	7	7	0	1	319
München	800	12	6	6	1	529
München	1000	19	10	10	1	844
München	1200	28	14	14	2	1226
München	1400	38	19	19	2	1646

Surcharge for ozone resistance: 8% of the list price.
Surcharge for food grade: 8% of the list price.

Filter technology public



GOSLAR² - single and multi-layer filter tanks standard / shell height 1,700 mm

Plastic tank according to DIN 19605*/19643 made of glass-fibre reinforced polyester resin. An inner seal and inspection opening at the top and bottom. Raw water inner piping reinforced with counter bearing, built-in nozzle bottom, a large lateral service opening and sight glass 150 x 50 mm. Pressure vessel inspection by expert according to works standard.

- ▶ Manhole opening according to works standard
- ▶ Operating pressure 2.5 bar
- ▶ Test pressure 3.575 bar
- ▶ Max. operating temperature 40 °C
- ▶ Tank colour: RAL 7035 (light grey)

Surcharge for ozone resistance: 8% of the list price.
Surcharge for food grade: 8% of the list price.

Ø mm internal	Tank external Ø mm	Height mm	Pipe / clean flange connection	Filter capacity (m³/h) at 30 m/h flow velocity	Weight kg	Art. No.	GR	€ RRP w/o VAT
600	620	2120	DN80 / DN50	9	83	870 600 00-24	4	5.595,00
800	825	2180	DN80 / DN65	15	143	870 800 00-24	4	6.625,00
1000	1020	2300	DN125 / DN100	24	233	870 100 00-16	4	8.755,00
1200	1230	2460	DN125 / DN125	34	392	870 120 00-16	4	11.890,00
1400	1430	2570	DN150 / DN125	46	535	870 140 00-18	4	17.157,00

GOSLAR² - single and multi-layer filter tanks large / shell height 2,000 mm

Description see above.

Ø mm internal	Tank external Ø mm	Height mm	Pipe / clean flange connection	Filter capacity (m³/h) at 30 m/h flow velocity	Weight kg	Art. No.	GR	€ RRP w/o VAT
600	620	2380	DN80 / DN50	9	98	870 600 01-24	4	5.550,00
800	825	2500	DN80 / DN65	15	156	870 800 01-24	4	6.910,00
1000	1020	2560	DN125 / DN100	24	251	870 100 01-16	4	9.025,00
1200	1230	2650	DN125 / DN125	34	432	870 120 01-16	4	12.610,00
1400	1430	2770	DN150 / DN125	46	565	870 140 01-18	4	17.880,00



Required filter material for filter tank GOSLAR standard

Filter material for filling with 1200 mm dumping height. Indication of the required number of bags of AFM (21 kg) and aquasorb (25 kg). The actual amount of filter material required may vary slightly, as it is rounded up to whole packaging units/bags.

Container type	Size Ø mm	Grade 1 / Grade DIN	Grade 2	Grade 3	Aquasorb	Total in kilos
GOSLAR	600	9	9	0	1	403
GOSLAR	800	16	8	8	1	697
GOSLAR	1000	26	13	13	2	1142
GOSLAR	1200	37	19	19	2	1625
GOSLAR	1400	50	25	25	3	2175



Required filter material for filter tank GOSLAR standard

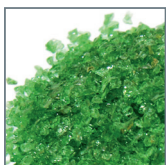
Filter material for filling with 1200 mm dumping height.
Indication of the required number of bags of AFM (21 kg).
The actual amount of filter material required may vary slightly, as it is rounded up to whole packaging units/bags.



Container type	Size Ø mm	Grade 1 / Grade DIN	Grade 2	Grade 3	Total in kilos
GOSLAR	600	10	10	0	420
GOSLAR	800	18	9	9	756
GOSLAR	1000	28	14	14	1176
GOSLAR	1200	40	20	20	1680
GOSLAR	1400	55	27	27	2289

Required filter material for filter tank GOSLAR large

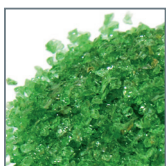
Filter material for filling with 1500 mm dumping height.
Indication of the required number of bags of AFM (21 kg) and aquasorb (25 kg).
The actual amount of filter material required may vary slightly, as it is rounded up to whole packaging units/bags.



Container type	Size Ø mm	Grade 1 / Grade DIN	Grade 2	Grade 3	Aquasorb	Total in kilos
GOSLAR	600	12	12	0	1	529
GOSLAR	800	21	10	10	1	886
GOSLAR	1000	33	16	16	2	1415
GOSLAR	1200	47	24	24	2	2045
GOSLAR	1400	64	32	32	3	2763

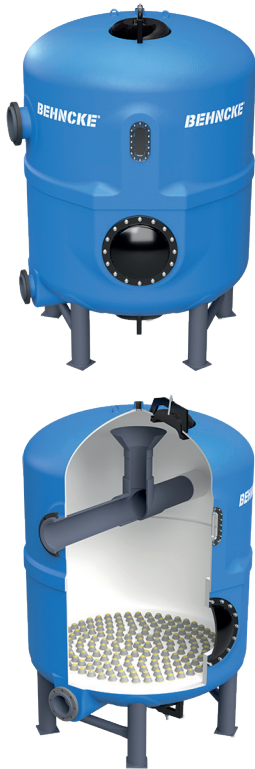
Required filter material for filter tank GOSLAR large

Filter material for filling with 1500 mm dumping height.
Indication of the required number of bags of AFM (21 kg).
The actual amount of filter material required may vary slightly, as it is rounded up to whole packaging units/bags.



Container type	Size Ø mm	Grade 1 / Grade DIN	Grade 2	Grade 3	Total in kilos
GOSLAR	600	13	13	0	546
GOSLAR	800	22	11	11	924
GOSLAR	1000	35	18	18	1491
GOSLAR	1200	50	25	25	2100
GOSLAR	1400	69	34	34	2877

Filter technology public



EURO 2002 - single and multilayer filter tanks (public) standard / shell height 1,700 mm

According to DIN 19605*/19643/18820 made of glass-fibre reinforced plastic.

- ▶ Manhole opening according to works standard
- ▶ Operating pressure 2.5 bar
- ▶ Test pressure 3.575 bar
- ▶ Max. operating temperature 40 °C
- ▶ Diameter: 800 to 2200 mm
- ▶ Cylindrical shell height 1700 mm to 2000 mm
- ▶ Oval service opening in the upper and lower tank bottom; 350/450 mm and 280/380 mm respectively
- ▶ Sight glass DN 250 x 100
- ▶ Nozzle bottom incl. nozzles
- ▶ Steel feet with cross struts for transport with forklift truck
- ▶ Large manhole in the cylindrical shell
- ▶ Tank colour: RAL 5017 (common blue)
- ▶ Colouring on customer's request according to RAL (without surcharge)
- ▶ Spotlights at extra charge
- ▶ Delivery in split version possible
- ▶ Special dimensions possible to a limited extent
- ▶ On-site lamination at extra charge
- ▶ Warranty: 5 years

Ø mm internal	Height mm	Pipe connection	Filter capacity (m³/h) at 30 m/h flow velocity	Weight kg	Art. No.	GR	€ RRP w/o VAT
800	2570	DN80 / DN65	15	196	801 008 00	4	8.770,00
1000	2600	DN125 / DN100	24	318	801 010 00	4	10.145,00
1200	2760	DN125 / DN125	34	479	801 012 00	4	13.582,00
1400	2770	DN150 / DN125	46	517	801 014 00	4	15.995,00
1600	2880	DN200 / DN150	60	638	801 016 00	4	21.457,00
1800	2850	DN200 / DN150	76	813	801 018 00	4	26.026,00
2000	2980	DN250 / DN200	94	1138	801 020 00	4	35.646,00
2200	3200	DN300 / DN250	115	1270	801 022 00	4	42.375,00

EURO 2002 - filter tanks (public) large / shell height 2,000 mm

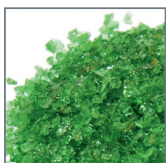
Description see above.

Ø mm internal	Height mm	Pipe connection	Filter capacity (m³/h) at 30 m/h flow velocity	Weight kg	Art. No.	GR	€ RRP w/o VAT
800	2830	DN80 / DN65	15	204	801 108 00	4	8.944,00
1000	2900	DN125 / DN100	24	329	801 110 00	4	10.362,00
1200	3030	DN125 / DN125	34	499	801 112 00	4	13.875,00
1400	3050	DN150 / DN125	46	535	801 114 00	4	16.310,00
1600	3180	DN200 / DN150	60	661	801 116 00	4	21.884,00
1800	3150	DN200 / DN150	76	841	801 118 00	4	26.535,00
2000	3280	DN250 / DN200	94	1171	801 120 00	4	36.353,00
2200	3500	DN300 / DN250	115	1277	801 122 00	4	43.239,00



Required filter material for filter tank EURO 2002 standard

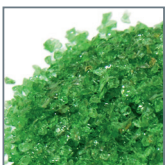
Filter material for filling with 1200 mm dumping height.
Indication of the required number of bags of AFM (21 kg).
The actual amount of filter material required may vary slightly, as it is rounded up to whole packaging units/bags.



Container type	Size Ø mm	Grade 1 / Grade DIN	Grade 2	Grade 3	Total in kilos
EURO 2002	800	18	9	9	756
EURO 2002	1000	28	14	14	1176
EURO 2002	1200	40	20	20	1680
EURO 2002	1400	55	27	27	2289
EURO 2002	1600	72	36	36	3024
EURO 2002	1800	91	45	45	3801
EURO 2002	2000	112	56	56	4704
EURO 2002	2200	136	68	68	5712

Required filter material for filter tank EURO 2002 standard

Filter material for filling with 1200 mm dumping height.
Indication of the required number of bags of AFM (21 kg) and aquasorb (25 kg).
The actual amount of filter material required may vary slightly, as it is rounded up to whole packaging units/bags.

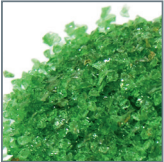


Container type	Size Ø mm	Grade 1 / Grade DIN	Grade 2	Grade 3	Aquasorb	Total in kilos
EURO 2002	800	16	8	8	1	697
EURO 2002	1000	26	13	13	2	1142
EURO 2002	1200	37	19	19	2	1625
EURO 2002	1400	50	25	25	3	2175
EURO 2002	1600	66	33	33	4	2872
EURO 2002	1800	83	42	42	5	3632
EURO 2002	2000	103	51	51	7	4480
EURO 2002	2200	124	62	62	8	5408

Surcharges for EURO 2002 (public)

Item	Art. No.	GR	€ RRP w/o VAT
Surcharge for spotlight with transformer 12 V for filter tanks Ø 800 to Ø 3000	433 075 20	10	875,00
Surcharge sight glass DN 100 mm f. filter tank Ø 600 to Ø 1800	806 800 20	8	512,00
Surcharge sight glass DN 200 mm f. filter tank Ø 2000 to Ø 3000	806 800 21	8	812,00

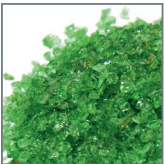
Filter technology public



Required filter material for filter tank EURO 2002 large

Filter material for filling with 1500 mm dumping height.
Indication of the required number of bags of AFM (21 kg) and aquasorb (25 kg).
The actual amount of filter material required may vary slightly, as it is rounded up to whole packaging units/bags.

Container type	Size Ø mm	Grade 1 / Grade DIN	Grade 2	Grade 3	Aquasorb	Total in kilos
EURO 2002	800	21	10	10	1	886
EURO 2002	1000	33	16	16	2	1415
EURO 2002	1200	47	24	24	2	2045
EURO 2002	1400	64	32	32	3	2763
EURO 2002	1600	84	42	42	4	3628
EURO 2002	1800	106	53	53	5	4577
EURO 2002	2000	131	65	65	7	5656
EURO 2002	2200	158	79	79	8	6836



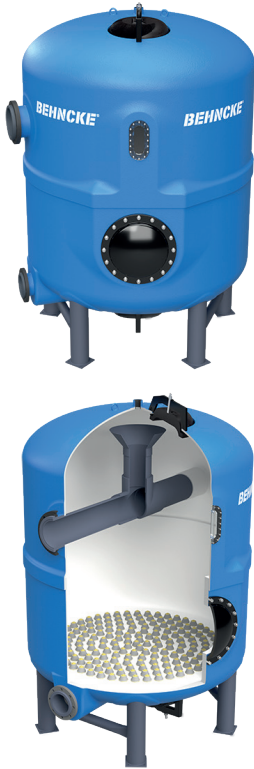
Required filter material for filter tank EURO 2002 large

Filter material for filling with 1500 mm dumping height.
Indication of the required number of bags of AFM (21 kg).
The actual amount of filter material required may vary slightly, as it is rounded up to whole packaging units/bags.

Container type	Size Ø mm	Grade 1 / Grade DIN	Grade 2	Grade 3	Total in kilos
EURO 2002	800	22	11	11	924
EURO 2002	1000	35	18	18	1491
EURO 2002	1200	50	25	25	2100
EURO 2002	1400	69	34	34	2877
EURO 2002	1600	90	45	45	3780
EURO 2002	1800	114	57	57	4788
EURO 2002	2000	140	70	70	5880
EURO 2002	2200	170	85	85	7140



Filter technology public



EURO 2002 - single and multi-layer filter tanks ozone-resistant (public) standard / shell height 1,700 mm

According to DIN 19605*/19643/18820 made of glass-fibre reinforced plastic.

- ▶ Manhole opening according to works standard
- ▶ Operating pressure 2.5 bar
- ▶ Test pressure 3.575 bar
- ▶ Max. operating temperature 40 °C
- ▶ Diameter: 800 to 2200 mm
- ▶ Cylindrical shell height 1700 mm to 2000 mm
- ▶ Oval service opening in the upper and lower tank bottom; 350/450 mm and 280/380 mm respectively
- ▶ Sight glass DN 250 x 100
- ▶ Nozzle bottom incl. nozzles
- ▶ Steel feet with cross struts for transport with forklift truck
- ▶ Large manhole in the cylindrical shell
- ▶ Tank colour: RAL 5017 (common blue)
- ▶ Colouring on customer's request according to RAL (without surcharge)
- ▶ Spotlights at extra charge
- ▶ Delivery in split version possible
- ▶ Special dimensions possible to a limited extent
- ▶ On-site lamination at extra charge
- ▶ Warranty: 5 years

Ø mm internal	Height mm	Pipe connection	Filter capacity (m³/h) at 30 m/h flow velocity	Weight kg	Art. No.	GR	€ RRP w/o VAT
800	2570	DN80 / DN65	15	196	802 008 00	4	9.399,00
1000	2600	DN125 / DN100	24	318	802 010 00	4	10.782,00
1200	2760	DN125 / DN125	34	479	802 012 00	4	14.230,00
1400	2770	DN150 / DN125	46	517	802 014 00	4	16.630,00
1600	2880	DN200 / DN150	60	638	802 016 00	4	22.091,00
1800	2850	DN200 / DN150	76	813	802 018 00	4	26.655,00
2000	2980	DN250 / DN200	94	1138	802 020 00	4	36.268,00
2200	3200	DN300 / DN250	115	1270	802 022 00	4	43.011,00

EURO 2002 - filter tank ozone-resistant (public) large / shell height 2,000 mm

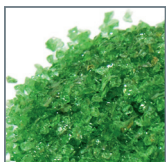
Description see above.

Ø mm internal	Height mm	Pipe connection	Filter capacity (m³/h) at 30 m/h flow velocity	Art. No.	GR	€ RRP w/o VAT
800	2830	DN80 / DN65	15	802 108 00	4	9.577,00
1000	2900	DN125 / DN100	24	802 110 00	4	10.989,00
1200	3030	DN125 / DN125	34	802 112 00	4	14.525,00
1400	3050	DN150 / DN125	46	802 114 00	4	16.956,00
1600	3180	DN200 / DN150	60	802 116 00	4	22.525,00
1800	3150	DN200 / DN150	76	802 118 00	4	27.196,00
2000	3280	DN250 / DN200	94	802 120 00	4	36.996,00
2200	3500	DN300 / DN250	115	802 122 00	4	43.874,00



Required filter material for filter tank EURO 2002 standard

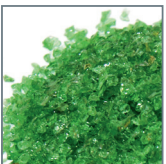
Filter material for filling with 1200 mm dumping height.
Indication of the required number of bags of AFM (21 kg).
The actual amount of filter material required may vary slightly, as it is rounded up to whole packaging units/bags.



Container type	Size Ø mm	Grade 1 / Grade DIN	Grade 2	Grade 3	Total in kilos
EURO 2002	800	18	9	9	756
EURO 2002	1000	28	14	14	1176
EURO 2002	1200	40	20	20	1680
EURO 2002	1400	55	27	27	2289
EURO 2002	1600	72	36	36	3024
EURO 2002	1800	91	45	45	3801
EURO 2002	2000	112	56	56	4704
EURO 2002	2200	136	68	68	5712

Required filter material for filter tank EURO 2002 standard

Filter material for filling with 1200 mm dumping height.
Indication of the required number of bags of AFM (21 kg) and aquasorb (25 kg).
The actual amount of filter material required may vary slightly, as it is rounded up to whole packaging units/bags.

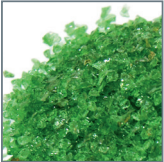


Container type	Size Ø mm	Grade 1 / Grade DIN	Grade 2	Grade 3	Aquasorb	Total in kilos
EURO 2002	800	16	8	8	1	697
EURO 2002	1000	26	13	13	2	1142
EURO 2002	1200	37	19	19	2	1625
EURO 2002	1400	50	25	25	3	2175
EURO 2002	1600	66	33	33	4	2872
EURO 2002	1800	83	42	42	5	3632
EURO 2002	2000	103	51	51	7	4480
EURO 2002	2200	124	62	62	8	5408

Surcharges for EURO 2002 ozone-resistant (public)

Item	Art. No.	GR	€ RRP w/o VAT
Surcharge for spotlight with transformer 12 V for filter tanks Ø 800 to Ø 2200	433 075 20	10	875,00
Surcharge sight glass DN 100 mm f. filter tank Ø 600 to Ø 1800	806 800 20	8	512,00
Surcharge sight glass DN 200 mm f. filter tank Ø 2000 to Ø 3000	806 800 21	8	812,00

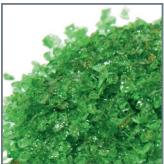
Filter technology public



Required filter material for filter tank EURO 2002 large

Filter material for filling with 1500 mm dumping height.
Indication of the required number of bags of AFM (21 kg) and aquasorb (25 kg).
The actual amount of filter material required may vary slightly, as it is rounded up to whole packaging units/bags.

Container type	Size Ø mm	Grade 1 / Grade DIN	Grade 2	Grade 3	Aquasorb	Total in kilos
EURO 2002	800	21	10	10	1	886
EURO 2002	1000	33	16	16	2	1415
EURO 2002	1200	47	24	24	2	2045
EURO 2002	1400	64	32	32	3	2763
EURO 2002	1600	84	42	42	4	3628
EURO 2002	1800	106	53	53	5	4577
EURO 2002	2000	131	65	65	7	5656
EURO 2002	2200	158	79	79	8	6836



Required filter material for filter tank EURO 2002 large

Filter material for filling with 1500 mm dumping height.
Indication of the required number of bags of AFM (21 kg).
The actual amount of filter material required may vary slightly, as it is rounded up to whole packaging units/bags.

Container type	Size Ø mm	Grade 1 / Grade DIN	Grade 2	Grade 3	Total in kilos
EURO 2002	800	22	11	11	924
EURO 2002	1000	35	18	18	1491
EURO 2002	1200	50	25	25	2100
EURO 2002	1400	69	34	34	2877
EURO 2002	1600	90	45	45	3780
EURO 2002	1800	114	57	57	4788
EURO 2002	2000	140	70	70	5880
EURO 2002	2200	170	85	85	7140



Filter technology public

Ozone reaction and degassing tank 9050 ozone resistant (public)

With PVC inliner in cylindrical shell made of glass-fibre reinforced plastic, with inner liner made of PVC-hard (plasticiser-free), Vinoflex from BASF.

Height reduction possible. Tank installation also possible outdoors.
Filters can also be supplied split; flanged or on-site lamination at extra cost.

- ▶ Manhole opening according to works standard
- ▶ Operating pressure 2.5 bar
- ▶ Test pressure 3.575 bar
- ▶ Max. operating temperature 40 °C
- ▶ Warranty: 5 years

Ø mm internal	Height mm	Pipe connection	Weight kg	Volume m³ appr.	Art. No.	GR	€ RRP w/o VAT
600	2300	DN50	147	0,536	650 600 00	4	10.695,00
800	2450	DN65	206	0,987	650 800 00	4	12.338,00
1000	2600	DN100	328	1,595	650 100 00	4	14.493,00
1200	2600	DN125	489	2,370	650 120 00	4	17.753,00
1400	2700	DN125	527	3,332	650 140 00	4	20.948,00
1600	2800	DN150	648	4,480	650 160 00	4	26.201,00
1800	2850	DN150	823	5,837	650 180 00	4	31.642,00
2000	2970	DN200	1148	7,415	650 200 00	4	39.315,00
2200	3200	DN250	1280	9,223	650 220 00	4	44.589,00
2400	3200	DN250	1656	11,276	650 240 00	4	50.636,00
2600	3300	DN250	1778	13,584	650 260 00	4	56.051,00
2800	3400	DN300	1931	16,161	650 280 00	4	59.773,00
3000	3400	DN300	2027	19,019	650 300 00	4	65.349,00



Accessories for public filter technology



Differential manometer station

Made of AISI 316, painted, with 2 manometer (glycerine-filled!) and 2 water handle taps for raw water and filtrate as well as water drain basin with a drain tap, connection to the filter system 2 x d 25.

Not suitable for microbiological tests.

Item	Art. No.	GR	€ RRP w/o VAT
Differential manometer station	506 150 00	6	519,00
Flammable taps 1/2" (DVGW approval)	317 200 74	8	101,00



Automatic filter ventilation valve made of PVC

For venting the filter during backwashing.

Item	Art. No.	GR	€ RRP w/o VAT
DN/d 20/25	505 120 02	10	29,65
DN/d 40/50	505 120 03	10	62,20
DN/d 50/63	505 120 04	10	86,50
DN/d 65/75	505 120 05	10	183,60
DN/d 80/90	505 120 06	10	225,00



Automatic venting and deaerate valve in stainless steel

For swimming pool filters with mechanical float control.

Item	Art. No.	GR	€ RRP w/o VAT
3/4" inlet, 1/2" outlet	505 120 10	10	565,00
Ozone Version	505 120 15	10	689,00



PVC flow meter (baffle meter)

According to the principle of operation of the differential pressure transmitter for flange mounting and for measuring volume flows of the filter system. Other measuring ranges and nominal widths on request. When installing the flow meter, please ensure that the distance is correct. This must correspond to 10 times the nominal width upstream of the component or 5 times the nominal width downstream of the component in mm. Flange material provided on site.

Measuring range m³/h	Nominal size DN	Pressure loss	Art. No.	GR	€ RRP w/o VAT
5-25	50	155	390 500 50	10	805,00
8-40	65	165	390 500 65	10	892,50
13-65	80	150	390 500 80	10	876,00
20-100	100	150	390 501 00	10	914,00
32-160	125	155	390 501 25	10	984,00
50-250	150	140	390 501 50	10	1.010,00
80-400	200	150	390 502 00	10	1.210,00
130-650	250	150	390 502 50	10	1.262,00
200-100	300	145	390 503 00	10	1.686,00



Backwash control section made of PVC

Nominal size DN	Length mm	Art. No.	GR	€ RRP w/o VAT
50	400	705 050 09	8	108,70
65	400	705 065 10	8	219,60
80	400	705 080 11	8	257,55
100	400	705 100 12	8	438,60
125	400	705 125 13	8	502,00
150	400	705 150 14	8	424,30
200	400	705 200 15	8	666,00



Safety flow monitor with microswitch

Connection 230 V and 1" external thread.

Item	Art. No.	GR	€ RRP w/o VAT
Nominal pipe width DN 25-200	304 001 15	10	163,00

Accessories for public filter technology



Stainless steel fibre trap V4A (1.4571)

With large-frame strainer, mesh size 6 mm.

Item	Tank external Ø mm	Height mm	Weight kg	Art. No.	GR	€ RRP w/o VAT
3" threaded connector	350	600	14	870 000 03	8	1.240,00
d 140 flange connection	350	625	24	870 000 04	8	1.615,00



Hair and fibre trap made of plastic (GRP)

With large-volume strainer, mesh size 4 mm. Up to 1 bar pressure.
Delivery time 5-8 weeks depending on order.

Tank external Ø mm	Flange connection DN	Height mm	Weight kg	Art. No.	GR	€ RRP w/o VAT
415	100	765	37	870 000 08	8	2.990,00
415	125	765	37	870 000 09	8	2.546,00
415	150	765	37	870 000 10	8	2.990,00
530	200	1015	80	870 000 11	8	3.805,00
530	250	1015	80	870 000 12	8	3.855,00
530	300	1015	80	870 000 13	8	3.920,00
530	350	1015	80	870 000 14	8	3.925,00



Fex-filter swimming pool technology



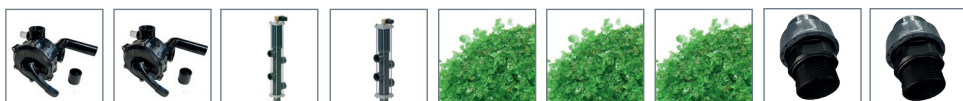
FEX-3 filter housing

Made of fibreglass-reinforced polyester resin. An inner seal with a large service opening at the top DN 220, built-in filter cross, drain valve with hose connection, manometer and manual venting.

- ▶ Without a valve set
- ▶ With threaded connection coupling
- ▶ Max. working pressure 2.0 bar
- ▶ Max operating temperature 40 °C

Colour	Housing dia. x height in mm	Valve	Filter area in m ²	Art. No.	GR	€ RRP w/o VAT
● blue	500 x 920	1½"	0,2	708 500 02-FEX	3	896,00
● blue	600 x 1000	1½"	0,28	708 600 02-FEX	3	1.009,00
● blue	800 x 1130	2"	0.5	708 800 02-FEX	3	1.569,00
Valves				GEM-392 500 08	6	50,50
Valves				GEM-392 500 09	6	78,00
Check valve set 1½"				392 500 08-16	6	121,00
Check valve set 2"				392 500 09-16	6	192,50
Rod valve DN 40 125 mm				392 320 00	8	820,00
Rod valve DN 50 140 mm				392 320 03	8	895,00

Goes with



● ●	●	● ●	●	●	●	●	● ●	●
392 500 08-16	392 500 09-16	392 320 00	392 320 03	390 121 70	390 121 71	390 121 73	609 190 500-20	609 190 630-20
Check valve set 1½"	Check valve set 2"	Besgo rod valve DN 40 125 mm	Besgo rod valve DN 50 140 mm	Filter material for filter tank Multilayer, AFM	Filter material for filter tank Multilayer, AFM	Filter material for filter tank Multilayer, AFM	Screw joint with adhesive sleeve 1½"	Screw joint with adhesive sleeve 2"



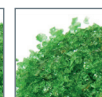
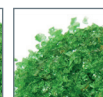
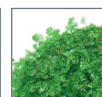
FEX-5 filter housing

Made of fibreglass-reinforced polyester resin. An inner seal with a large service opening at the top DN 220, built-in filter cross, drain valve with hose connection, manometer and manual venting.

- ▶ Without a valve set
- ▶ With threaded connection coupling
- ▶ Max. working pressure 2.0 bar
- ▶ Max. operating temperature 40 °C

Colour	Housing dia. x height in mm	Valve	Filter area in m ²	Art. No.	GR	€ RRP w/o VAT
● blue	500 x 1500	1½"	0.2	391 500 02-FEX	3	1.819,00
● blue	600 x 1470	2"	0.28	391 600 02-FEX	3	2.020,00
● blue	800 x 1500	2"	0.5	391 800 02-FEX	3	2.450,00
Check valve set 1½"				392 500 08-16	6	121,00
Check valve set 2"				392 500 09-16	6	192,50
Rod valve DN 40 125 mm				392 320 00	8	820,00
Rod valve DN 50 140 mm				392 320 03	8	895,00

Goes with



392 500 08-16

392 500 09-16

392 320 00

392 320 03

390 121 75

390 121 76

390 121 77

609 190 500-20

609 190 630-20

Check valve set 1½"

Check valve set 2"

Besgo rod valve DN 40 125 mm

Besgo rod valve DN 50 140 mm

Filter material for filter tank Multilayer, AFM

Filter material for filter tank Multilayer, AFM

Filter material for filter tank Multilayer, AFM

Screw joint with adhesive sleeve 1½"

Screw joint with adhesive sleeve 2"

Fex-filter swimming pool technology



FEX-7 BASIC

Plastic housings made of fibreglass-reinforced polyester resin and a Top inspection opening. Untreated water - internal piping with reinforced counter bearing, with an integrated nozzle floor, a large side service access and 150 x 50 mm sight glass.

Weight empty kg	Tank inside diameter	Total height mm	Valve	Filter performance m³/h for flow velocity 30 m/h	Filter performance m³/h for flow velocity 50 m/h	Art. No.	GR	€ RRP w/o VAT
85	600	1830	DN80/DN50	9	45	861 600 00-FEX	3	4.482,00
115	800	1850	DN80/DN65	15	60	861 800 00-FEX-24	3	5.635,00
215	1000	1890	DN125/DN100	24	75	861 100 03-FEX-19	3	7.750,00
310	1200	1880	DN125/DN125	34	100	861 120 03-FEX	3	10.100,00
480	1400	2160	DN150/DN125	46	130	861 140 03-FEX	3	15.700,00



FEX-7 single and multi-layer filter

Plastic housings made of fibreglass-reinforced polyester resin and a Top inspection opening. Untreated water - internal piping with reinforced counter bearing, with an integrated nozzle floor, a large side service access and 150 x 50 mm sight glass. Pressure vessel testing by experts according to works standard.

Weight empty kg	Tank inside diameter	Total height mm	Colour	Valve	Filter performance m³/h for flow velocity 30 m/h	Filter performance m³/h for flow velocity 50 m/h	Art. No.	GR	€ RRP w/o VAT
90	600	2120	blue	DN80/DN65	9	15	870 600 00-FEX	4	4.710,00
130	800	2180	blue	DN100/DN80	15	25	870 800 00-FEX	4	6.240,00
235	1000	2300	blue	DN125/DN100	24	45	870 100 00-FEX	4	8.630,00
365	1200	2460	blue	DN150/DN125	34	60	870 120 00-FEX	4	11.750,00
535	1400	2570	blue	DN150/DN125	46	76	870 140 00-FEX	4	15.985,00



Rod valves



5-way PVC-U backwash rod valve

Hydraulic actuator for water or air, DN 40+50 with adhesive nipple (can be glued outside), DN 65 with 4 adhesive sockets (can be glued inside) + 1 adhesive nipple. Internal parts in V4A 1.4571, Viton/PTFE ozone-resistant seal incl. solenoid valve with manual override. Can be attached to any filter by means of desired dimensions, all connection pieces can be adjusted by 90°, closed currentless-resp. to filtration position, low hydraulic resistance. If the backwash automat is connected to the drinking water (min. 3 bar), a pipe isolator (DVGW tested) must be connected upstream. Control unit not included in the scope of delivery.

Benefits:

- ▶ Universally connectable
- ▶ No pressure bump
- ▶ Very low pressure loss
- ▶ The connections can be rotated by 90 °C
- ▶ Closed in 10 sec. at 3 bar/5 sec. closed at 3 bar with air
- ▶ Noiseless
- ▶ Without power supply the valve is closed, the pool cannot be emptied unintentionally

Item	Dimension	Art. No.	GR	€ RRP w/o VAT
DN40/d 50 mm	125 mm	392 320 00	8	820,00
DN40/d 50 mm	190 mm	392 320 02	8	820,00
DN50/d 63 mm	140 mm	392 320 03	8	895,00
DN50/d 63 mm	190 mm	392 320 04	8	895,00
DN65/d 75 mm	250 mm	392 320 05	8	1.180,00
DN65/d 75 mm	270 mm	392 320 32	8	1.180,00
DN 80/d 90 mm	300 mm	392 320 06	8	1.850,00
DN 100/d 110 mm	360 mm	392 320 07	8	2.590,00
DN 125/d 140 mm	450 mm	392 320 08	8	4.490,00



3-way valves made of PVC-U for alternative application and for clear rinsing (Description see above)

Item	Art. No.	GR	€ RRP w/o VAT
DN40/d 50 mm incl. 3/2 230V solenoid valve built-on, for spacing 125/130/190 mm	392 320 10	8	680,00
DN50/d 63 mm incl. 3/2 230V solenoid valve assembled, for spacing 140/190 mm	392 320 11	8	750,00
DN40/d 75 mm incl. 3/2 230V solenoid valve built-on, for spacing 208 mm	392 320 12	8	990,00
DN 80/d 90 mm for spacing 251 mm	392 320 13	8	1.590,00
DN 100/d 110 mm for spacing 304 mm	392 320 14	8	2.300,00
DN 125/d 140 mm for spacing 375 mm with air pressure	392 320 15	8	3.990,00

PVC-U rod valve - 2-way valves application

(Description see above)

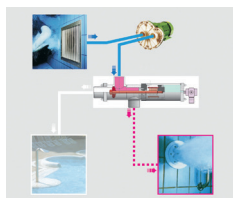
- ▶ For the automatic venting of filters
- ▶ For automatic gutter switching (channel cleaning)

Item	Art. No.	GR	€ RRP w/o VAT
DN 40 / Ø 50 mm, incl. 3/2 230V solenoid valve - assembled	392 320 22	8	680,00
DN 50 / Ø 63 mm, incl. 3/2 230V solenoid valve - assembled	392 320 23	8	750,00
DN 65 / Ø 75 mm, incl. 3/2 230V solenoid valve - assembled	392 320 24	8	990,00



Air compressor for operating Besgo valves

Item	Art. No.	GR	€ RRP w/o VAT
Sil-Air, 230V/50Hz, 0135 kW, approx. 30 dB, operating pressure max 6 bar, 20kg	392 321 00	10	665,00
Compressor type Einhell, 230 V, 0,55 kW, oil-free, approx. 57 dB, operating pressure max. 8 bar, 14,5 kg	392 320 33	10	320,00



Operating connection kits for compressor

Item	Art. No.	GR	€ RRP w/o VAT
Connection set 1 for compressor: for 1 Besgo valve consisting of: 1 ball valve, 2 screw-in fittings, 10 m PE hose	392 320 25	8	60,00
Connection set 2 for compressor: for 2 Besgo valves consisting of: 1 ball valve, 3 screw-in fittings, 1 T-fitting, 10 m PE hose	392 320 26	8	70,00
Connection set 3 for compressor for 3 Besgo valves consisting of: 1 ball valve, 4 screw-in fittings, 2 T-fittings, 10 m PE hose 6/4 mm	392 320 27	8	80,00



Installation unit for water pressure control

Item	Art. No.	GR	€ RRP w/o VAT
Installation unit 3/8" connections rod valve for water pressure control consisting of: manometer 0 - 10 bar, non-return valve, fine filter, stopcock	392 320 17	10	160,00
Corrugated pipe DN6 stainless steel 1/4 with union nut; 500 mm long	392 320 30	10	34,00

Besgo valve spare parts

Item	Art. No.	GR	€ RRP w/o VAT
Solenoid valve 3/2 230 V / 50Hz 1/4" for Besgo DN 40/50/65 - 2 mm hole	392 320 20	8	115,00
Solenoid valve 3/2 230 V / 50Hz 1/4" for Besgo DN 80/100 - 3 mm hole	AQ-830 14	8	115,00
Solenoid valve 4/2 230 V / 50Hz for DN 125 control pressure water/air (from year of construction 2019)	AS-0830 11	8	350,00

6-way backwash valves manual + automatic and 5-way switch panel



Backwash valve, manual

Made of plasti, 6-way valve with the position: Filter, backwash, rinse, closed, drain and circulate.

Item	Art. No.	GR	€ RRP w/o VAT
R 1½" 6-way valve	392 310 00	6	128,00
R 1½" 6-way valve, all connections open with 2 threaded plugs	392 310 04	8	141,00
R 2" 6-way valve	392 310 21	6	167,00
R 2" 6-way valve, all connections open with 2 threaded plugs	392 310 22	6	181,00
R 2½" 6-way valve	392 310 25	6	491,00



Backwash valve kit, manual for tanks up to year 2015

6-way valve.

Item	Art. No.	GR	€ RRP w/o VAT
R 1½" black	392 500 08	6	121,00
R 1½" black f. tank "Köln" 400 + 500 + 600	392 400 99	6	121,00
R 2" black	392 500 09	6	192,50



Backwash valve kit, manual for tanks up to year 2016

6-way valve.

Item	Art. No.	GR	€ RRP w/o VAT
R 1½" black	392 500 08-16	6	121,00
R 1½" black f. tank "Köln" 400 + 500 + 600	392 400 99	6	121,00
R 2" black	392 500 09-16	6	192,50



OmniTronic backwash valve, automatic

6-way valve, made of plastic, 230 volt. The OmniTronic is a fully automatic backwash unit. A microprocessor takes over the programme control. Connection 3A
Not in combination with BEHNCKE Control 1.3 & BEHNCKE Connect.

Item	Art. No.	GR	€ RRP w/o VAT
R 1½"	392 120 21	8	947,74
R 2"	392 120 22	8	978,70



Backwash valve OmniTronic

6-way valve, made of plastic, 230 volt. For connection to the filter control Kombi. Connection 3A.

Item	Art. No.	GR	€ RRP w/o VAT
R 1½"	392 120 29	8	886,00
R 2"	392 120 30	8	915,00



5-Way switch panel

5-Way switch panel manual

Not glued, with PVC butterfly valves, for the positions filter, backwash, clear rinse, channel, closed.

Item	Nominal size DN	Art. No.	GR	€ RRP w/o VAT
manual	80	502 080 30	10	991,00
manual	100	502 100 30	10	1.234,00
manual	125	502 125 30	10	1.459,00
manual	150	502 150 30	10	1.598,00
manual	200	502 200 30	10	2.220,00
manual	250	502 250 30	10	6.384,00
manual	300	502 300 30	10	8.752,00

Pumps



Filter pump FP 15 Eco

Highly efficient normal-priming filter pump with plastic housing. An extremely energy-efficient, state-of-the-art permanently excited synchronous motor ensures significant energy savings and amortisation after a short time. Especially when operating in the partial load range, enormous energy savings can be achieved compared to conventional asynchronous motors. The speed is infinitely variable via an external control. An external frequency converter is not required, as it is integrated in the motor. Excellent running smoothness due to special design and manufacturing features, such as dynamic balancing of the impellers and the shaft guidance in 2 low-noise and grease-lubricated ball bearings in the motor housing. Low maintenance, long filter service life, high operational reliability due to considerable motor power reserves and optimised characteristic curves.

Absolutely reliable shaft sealing through maintenance-free, high-quality mechanical seal. A special heat-conducting disc, tried and tested over many years, ensures effective cooling of the mechanical seal and thus significantly extends the service life of the pump.

A suitably dimensioned pre-filter protects the pump and reduces the cleaning interval. The pre-filter cover can be easily opened and closed without additional tools and enables simple cleaning of the pre-filter. The high-quality plastic is designed for continuous contact with swimming pool chemicals and guarantees problem-free operation for many years. The pump can also be used in seawater pools with up to 3% (30g/l) salt content.

Technical specifications:

- ▶ Dimensions in mm: (W x H x L) 252 x 294 x 549
- ▶ Mesh size of the pre-filter in mm: approx. 2.5 x 2.2
- ▶ 100% testing of all pumps
- ▶ Made in Germany

Item		Power input kW (P1)	Output m ³ /h At 8 mWs	Art. No.	GR	€ RRP w/o VAT
FP 15 - Eco	- only while stocks last -	2,17	27	394 000 10	8	1.940,00

Attention!

We would like to point out that when using the BEHNCKE Control 1.3 a frequency converter or a soft starter must be provided!

**NEW!**

Speck Smart plus

Areas of application:

Swimming pool water circulation in filter systems, can be installed max. 2 m above or max. 3 m below the water level.

Versions:

- ▶ Block pump with integrated fibre catcher
- ▶ Bellows mechanical seal mounted on plastic impeller hub
- ▶ Motor or pump shaft does not come into contact with the water in the circuit
- ▶ Electrical isolation
- ▶ Fibre trap capacity: approx. 1 l
- ▶ Suction strainer mesh size: approx. 2.8 x 2.8 mm



Item	Volt	Power input kW (P1)	Output m³/h	Art. No.	GR	€ RRP w/o VAT
Smart plus 6	1-230	0,35	6	391 995 72	8	405,00
Smart plus 8	1-230	0,45	8	391 995 73	8	424,00
Smart plus 10	1-230	0,60	10	391 995 74	8	442,00
Smart plus 12	1-230	0,69	12	391 995 75	8	465,00



Speck Comfort

Filter circulation pumps, self-priming, ready to plug in.

Item	Volt	Power input kW (P1)	Output m³/h	Art. No.	GR	€ RRP w/o VAT
Comfort 8	1-230	0,45	8	391 995 00	8	454,00
Comfort 12	1-230	0,50	11	391 995 01	8	488,00
Comfort 14	1-230	0,65	14	391 995 02	8	518,00

Attention!

We would like to point out that when using the BEHNCKE Control 1.3 a frequency converter or a soft starter must be provided!

Pumps



NEW!

Speck Deluxe plus

Filter circulation pumps, self-priming.

Item	Volt	Power input kW (P1)	Output m³/h	Art. No.	GR	€ RRP w/o VAT
Deluxe plus 9, 400 V	1-400	0,41	10	391 995 76	8	725,00
Deluxe plus 9, 230 V	1-230	0,46	10	391 995 77	8	755,00
Deluxe plus 13, 400 V	1-400	0,63	14	391 995 78	8	768,00
Deluxe plus 13, 230 V	1-230	0,61	14	391 995 79	8	820,00
Deluxe plus 17, 400 V	1-400	0,69	18	391 995 80	8	829,00
Deluxe plus 17, 230 V	1-230	0,72	18	391 995 81	8	843,00
Deluxe plus 22, 400 V	1-400	0,90	23	391 995 82	8	894,00
Deluxe plus 22, 230 V	1-230	1,03	23	391 995 83	8	948,00
Deluxe plus 28, 400 V	1-400	1,20	29	391 995 84	8	1.040,00
Deluxe plus 28, 230 V	1-230	1,29	29	391 995 85	8	1.150,00



Filter pump BADU Resort

Swimming pool water circulation in filter systems, can be installed above or below the water level, each max. 3m (DN75 - DN 100). Pump housing made of PP GF 30. Close-coupled pump with large integrated hair and fibre trap. Bellows mechanical seal mounted on impeller hub. Fibre trap capacity 10l. With special key for cover and screw connections.

Item	Volt	Power input kW (P1)	Output m³/h at 10 mWs	Art. No.	GR	€ RRP w/o VAT
BADU Resort 30	400	1,77	30	391 094 30	8	1.602,00
BADU Resort 40	400	2,55	40	391 094 40	8	1.782,00
BADU Resort 45	400	3,00	45	391 094 45	8	1.824,00
BADU Resort 50	400	3,45	50	391 094 50	8	2.018,00
BADU Resort 55	400	4,55	55	391 094 55	8	2.495,00
BADU Resort 60	400	3,00	60	391 094 60	8	1.920,00
BADU Resort 70	400	3,45	70	391 094 70	8	2.117,00
BADU Resort 80	400	4,55	80	391 094 80	8	2.536,00
BADU Resort 110	400	6,15	110	391 094 90	8	2.871,00



BADU ECO Flex

Swimming pool water circulation in filter systems, can be set up above or below the water level, each max. 3m.

Item	Volt	Power input kW (P1)	Output m³/h at 8 mWs	Art. No.	GR	€ RRP w/o VAT
BADU ECO Flex	230 V	0,08 - 2,60	max. 40	391 949 07	8	1.788,00



Speck Deluxe ECO VS

This circulation pump combines the successful design of the Speck Deluxe with a synchronous compact drive to create a highly efficient power pack in a space-saving design. An integrated control panel and simple menu navigation ensure easy handling of the power electronics.

- ▶ Best efficiency. Motor exceeds the current highest energy efficiency class IE3 in line with IE4 "super premium"
- ▶ Simple setting, operation and menu guidance. Proven membrane keypad with 8 keys without double assignment
- ▶ Further savings potential: Display of current consumption via info button - savings through speed adjustment possible
- ▶ Variable programming of the intake parameters. Adjustment of intake time and speed via intake button
- ▶ External control: Speeds and off function can be controlled externally via potential-free contacts
- ▶ Space-saving. Integrated design of the compact drive



Item	Volt	Power input kW (P1)	Output m³/h at 8 mWs	Art. No.	GR	€ RRP w/o VAT
Deluxe Eco VS	230 V	0,03 - 1,40	max. 24	391 995 26	8	1.405,00

Filter pump BADU Delta

Swimming pool water circulation in filter systems, can be installed above or below the water level, each max. 3m (DN75 - DN 100). Pump housing made of PP GF 30. Close-coupled pump with large integrated hair and fibre trap. Bellows mechanical seal mounted on impeller hub. Fibre trap capacity 4l. With special key for cover and screw connections. Maintenance-free motor with high-performance ball bearings and stainless steel motor shaft. LED lighting with transparent cover for easy visual inspection.



Item		Volt	Power input kW (P1)	Output m³/h at 8 mWs	Art. No.	GR	€ RRP w/o VAT
BADU Delta 9	- only while stocks last -	230	0,50	9	391 997 40	8	739,00
BADU Delta 13	- only while stocks last -	400	0,63	13	391 997 43	8	767,00
BADU Delta 17	- only while stocks last -	400	0,75	17	391 997 45	8	792,00
BADU Delta 22	- only while stocks last -	400	0,93	22	391 997 47	8	929,00
Delta ECO VS		230	0,03-1,40	max. 32	391 997 39	8	1.488,00

Pumps

NEW!

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.

Item	Volt	Power input kW (P1)	Output m³/h at 8 mWs	Art. No.	GR	€ RRP w/o VAT
Filter pump Aquagem InverPro IP 25 Inverter 25.0 cbm/h	230	0,08 - 1,1 kW	24,5	420 600 10	8	1.170,00



KSB Filtra N

Selbstansaugende einstufige Blockpumpe, eingebauter Grobfilter mit herausnehmbarem Filtereinsatz über Klarsichtschraubdeckel. Mit Entleerungsschraube am Pumpengehäuse.

Item	Volt	Power input kW (P1)	Output m³/h at 8 mWs	Art. No.	GR	€ RRP w/o VAT
Filterpumpe Filtra N 8	230	0,70 kW	9	391 995 36	8	632,00
Filterpumpe Filtra N 8	400	0,60 kW	9	391 995 37	8	600,00
Filterpumpe Filtra N 12	230	0,80 kW	13	391 995 38	8	729,00
Filterpumpe Filtra N 12	400	0,70 kW	13	391 995 39	8	701,00
Filterpumpe Filtra N 14	230	0,95 kW	16	391 995 40	8	782,00
Filterpumpe Filtra N 14	400	0,90 kW	16	391 995 41	8	726,00
Filterpumpe Filtra N 18	230	1,15 kW	19	391 995 42	8	818,00
Filterpumpe Filtra N 18	400	1,00 kW	19	391 995 43	8	742,00
Filterpumpe Filtra N 22 - only while stocks last -	230	1,50 kW	23	391 995 44	8	957,00
Filterpumpe Filtra N 22	400	1,40 kW	23	391 995 45	8	876,00
Filterpumpe Filtra N 24 - only while stocks last -	230	1,75 kW	25	391 995 46	8	1.013,00
Filterpumpe Filtra N 24	400	1,60 kW	25	391 995 47	8	932,00

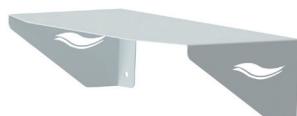
NEW!

FlowSonic+



The ultrasonic flow meter is ideal for measuring the volume flow: precise, loss-free and calibration-free. With a measuring range of 0-54 m³/h and the ability to handle up to 3 % salt content in swimming pool water, it is particularly suitable for monitoring and displaying the flow in pool systems. Speed-controlled pumps can be set to the appropriate flow rate.

Item	Volt	Power input kW (P1)	Measuring range	Art. No.	GR	€ RRP w/o VAT
FlowSonic+	24 V DC SELV	10 W	0–54 m³/h	390 511 01	10	579,00



BEHNCKE pump console

Pump bracket made of V4A for wall mounting, incl. sound-absorbing foam rubber seal. Fixing material must be provided by the customer! Dimensions of the surface: 55 x 30cm, height 15cm.

Item	Art. No.	GR	€ RRP w/o VAT
BEHNCKE pump console	951 408 67	8	146,00



Frequency inverter

Frequency inverter for three-phase asynchronous motors from 0.75 kW to 5.5 kW. 15 months warranty.

Item	Volt	Art. No.	GR	€ RRP w/o VAT
Frequency inverter 0,75 kW	380-400 V	391 948 02	8	726,00
Frequency inverter 1,5 kW	380-400 V	391 948 03	8	778,00
Frequency inverter 2,2 kW	380-400 V	391 948 04	8	943,00
Frequency inverter 4 kW	380-400 V	391 948 05	8	1.145,00
Frequency inverter 5,5 kW	380-400 V	391 948 06	8	1.651,00
Frequency inverter 7,5 kW	380-400 V	391 948 07	8	2.040,00

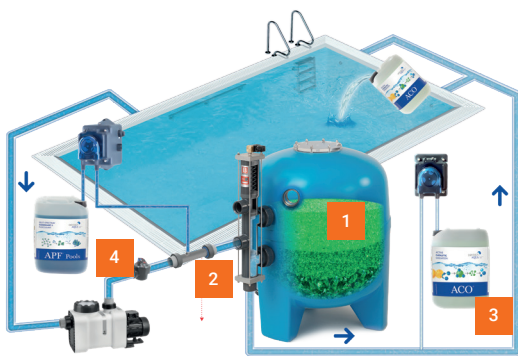


FlowVis® flow meters

H2Flow's FlowVis® flowmeters can be installed in any position and have an integrated check valve (DN40 & DN50). The measuring accuracy is over 97%. The product is NSF 50 certified and convinces with high quality. The measuring scale is expressed in L/min.

Item	Flow rates	Art. No.	GR	€ RRP w/o VAT
H2Flow flow meter DN40	2,4 - 21 m³/h	390 510 94	10	230,00
H2Flow flow meter DN50	2,4 - 24 m³/h	390 510 95	10	230,00
H2Flow flow meter DN65	7,0 - 45 m³/h	390 510 97	10	230,00
H2Flow flow meter DN80	16 - 54 m³/h	390 510 96	10	690,00
H2Flow flow meter DN100	27 - 102 m³/h	390 510 98	10	705,00
H2Flow flow meter DN150	68 - 227 m³/h	390 510 99	10	840,00
H2Flow flow meter d200	113 - 420 m³/h	390 511 00	10	1.040,00

Dryden aqua integrated system



DASY consists of three integrated steps:

- 1** Filtration with the bio-resistant filter material AFM®
- 2** Coagulation and flocculation with APF® and ZPM
- 3** Increase in catalytic oxidation due to ACO® and ZPM

DASY = DRYDEN AQUA INTEGRATED SYSTEM: Biological instead of chemical

Traditional water treatment systems try to prevent the transmission of pathogens with additional or more powerful disinfectants. The transmission of pathogens is, however, a biological problem and therefore requires biological solutions: Instead of using additional or more powerful disinfectants, we at Dryden Aqua have designed the swimming pool system so pathogens can't even multiply: **prevent pathogens instead of killing them!**

1. No basis:

Due to our bio-resistant filter material AFM®, bacteria don't have a surface on which to develop.

2. No food:

With perfected coagulation, flocculation and AFM® filtration, we take away the bacteria's food source, which prevents growth.

3. The less chlorine, the fewer disinfection by-products (DNPs):

DASY® filters out the highest possible amount of substances and thus reduces the amount of chlorine needed to the lowest possible level. The less chlorine used, the fewer harmful disinfection by-products (DBPs) can develop.

Scan the QR code and learn more about the principle in the video.



Step 1: Filtration with AFM®

AFM® is an abbreviation for Active Filter Material and is a revolutionary filter material made of green glass, developed by Dr. Howard Dryden. AFM® filters 30 – 50% more organic material out of the pool water than quartz or glass sand. AFM® also has catalytic and oxidising properties which protect it from becoming infested with bacteria. With AFM®, biofilm cannot develop in the filter bed. That means: no harmful trichloramine, no chlorine smell, less chlorine is used and there are almost no pathogens like Legionnaires. AFM® keeps the air healthy and the water crystal clear.

AFM® is used successfully worldwide in more than 100,000 public and private swimming pools.

Step 2: Optimal coagulation and flocculation with APF® and ZPM

AFM® achieves a nominal filtration fineness of 4 microns at a filtration speed of 20 m/h. If optimised coagulation and flocculation are also implemented using APF (All Poly Floc) and ZPM (Zeta Potential Mixer), the filtration sharpness is below 0.1 microns because the ZPM in particular generates a turbulent environment in which the chemicals are better mixed with the pool water. This also filters out a high quantity of dissolved materials. These dissolved materials are responsible for approx. 80% of the chlorine requirement.

Using less chlorine also means there are fewer disinfection by-products (DBPs).

Step 3: Increase in catalytic oxidation by ACO and ZPM

Certain pathogens and biofilm-protected bacterial colonies are highly resistant to chlorine. The ZPM acts as a safety barrier against pathogens. In the ZPM, nano-bubbles are generated via cavitation processes which break the bacterial flakes into individual bacteria which can then be oxidised using chlorine. ACO serves as an oxidation catalyst and chlorine stabiliser in outdoor pools. The natural sterilising power of the sun is considerably enhanced and chlorine is protected from photo-oxidation.

Note: AFM® grade 1 + 2 has only been available in the new AFM®ng quality since October 2020.



AFM® – ACTIVATED FILTER MEDIA



AFM® is a unique, bioresistant filter material. Green glass is used as the raw material for AFM®. The glass is washed, disinfected, heated and then crushed to the correct grain size and optimal grain shape. A special production process ensures that the glass is broken gently (glass on glass) and thus no sharp-edged particles can be produced.

AFM® is then activated in a patented three-stage process. This produces a mesoporous structure with a huge surface area of approx. 1 million m² per m³ is created. The surface area is about 300 times larger than that of sand or glass sand. The surface is crucial for all adsorptive and catalytic reactions. In contact with water, the catalytic surface generates free radicals (OH radicals) and thus protects AFM® from colonisation by bacteria:

The larger the surface area, the stronger the filtration performance and bioresistance.

To produce one tonne of AFM®, 1.8 tonnes of glass are needed. AFM® is produced under ISO 9001-2008 standard. AFM® now also has the world's most important certification for drinking water, NSF 61.

Benefits:

► Cristal Clear Water

AFM® filters 30 - 50 % finer than quartz or glass sand.

► Low chlorine consumption

Everything that can be filtered out does not have to be oxidised.

► No trichloramine - no chlorine smell

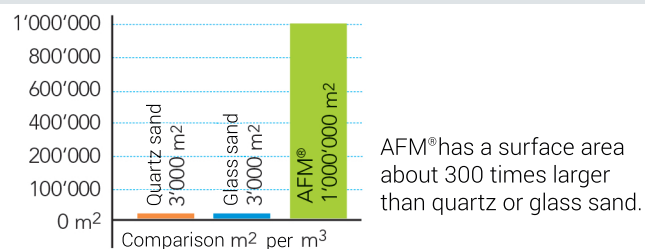
AFM® prevents biofilm and thus the formation of harmful trichloramine.

► No biofilm - no Legionella

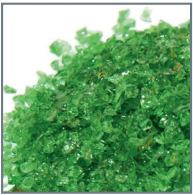
A whole community of pathogens lives in the biofilm - especially Legionella.

► Particularly suitable for chlorine-free systems

Comparison quartz, glass sand and AFM®



Dryden aqua integrated system



NEW!

AFM® ng filter material

AFM® ng filter media is a direct replacement for high quality silica sand and is suitable for use in gravity or pressure sand filters.

[Here you will find the current AFM brochure, which explains the advantages of the filter material.](#)

NEW for the public sector:

AFM® ng DIN grade (0.7 mm - 1.2 mm) available on request in 25 kg or Big Packs 1000 kg.

Item	Grain size	Volume	Art. No.	GR	€ RRP w/o VAT
AFM® ng filter material Grain 1	0,4 - 0,8 mm	21 kg	390 121 58	8	45,00
AFM® ng filter material Grain 2	0,7 - 2,0 mm	21 kg	390 121 59	8	45,00
AFM® ng filter material Grain 3	2,0 - 4,0 mm	21 kg	390 121 60	8	45,00
AFM® S filter material Grain 1	0,4 - 0,8 mm	25 kg	390 122 31	8	50,00
AFM® S filter material Grain 2	0,7 - 2,0 mm	25 kg	390 122 32	8	50,00
AFM® S filter material DIN Grai	0,7 - 1,2 mm	25 kg	390 122 33	8	50,00
AFM® S filter material Grain 3	2,0 - 4,0 mm	25 kg	390 122 34	8	50,00

Note:

AFM®s on request; min. 12 pallets purchase

Filter filling - Dryden Aqua recommends the following stratifications:

Filter tank diameter < 800 mm

50 % AFM® ng 1

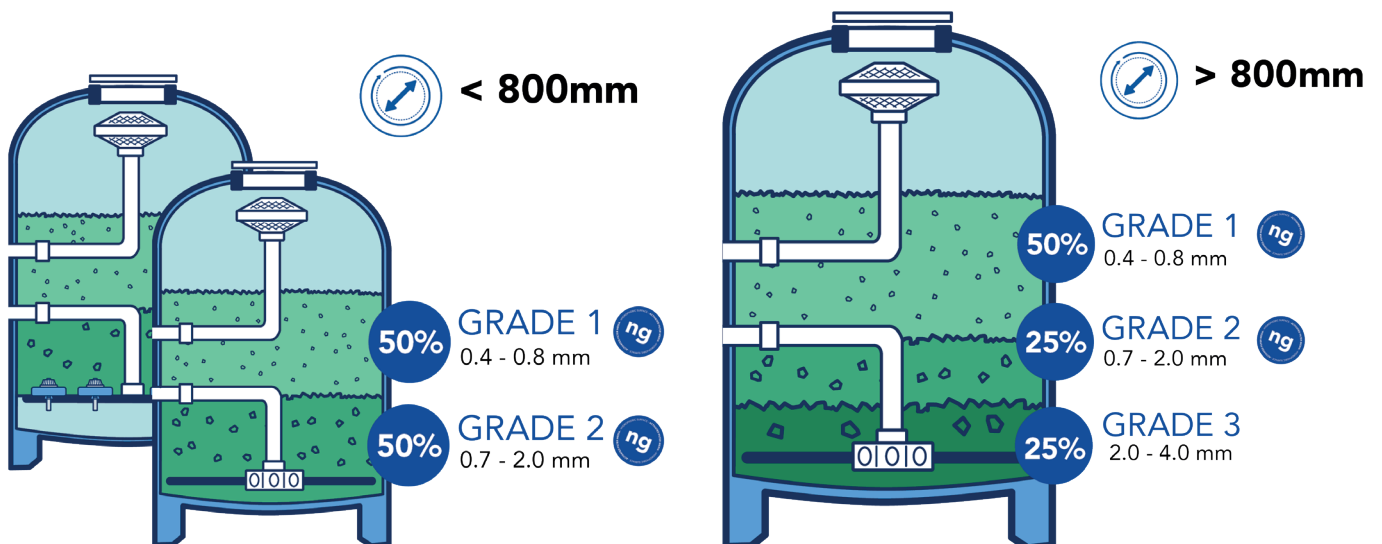
50 % AFM® ng 2

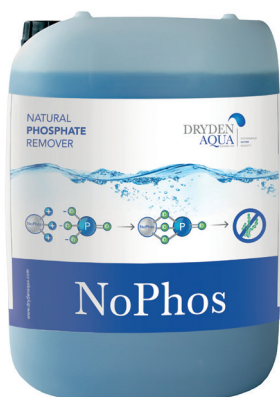
Filter tank diameter > 800 mm

50 % AFM® ng 1

25 % AFM® ng 2

25 % AFM® ng 3





NoPhos

NoPhos -> No phosphates -> No algae and bacteria.
NoPhos eliminates phosphates. Phosphates are vital nutrients for algae and bacteria. If phosphates are completely removed from the water algae and bacteria cannot survive and disappear within about 6 weeks. NoPhos is a biological solution and the best preventive measure against algae. It makes other algaecides superfluous. NoPhos is ideal for public and private swimming pools, ponds, natural pools, water features and fountains.

Benefits:

- ▶ The biological solution against algae and bacteria
- ▶ Makes the water crystal clear

Dosage:

1x per week add 1 - 2 ml per m³ pool content via the skimmer, the gutter or directly to the pool.
(Ex. 50 m³ pool = 100 ml).

Item		Art. No.	GR	€ RRP w/o VAT
Nophos fluid 1 ltr.	-only while stocks last-	390 121 89	8	35,00
Nophos fluid 5 ltr.		390 121 88	8	125,00
Nophos fluid 20 ltr.		390 121 29	8	395,00
Phosphate test Kit		390 121 96	8	40,00



Dryden aqua integrated system



APF

Highly efficient coagulant and flocculant APF, with its unique composition, is not only an excellent flocculant, but also a coagulant. Only coagulation can precipitate dissolved substances (urea etc.). In addition, APF contains 0.5 l NoPhos, which effectively prevents algae and bacteria growth. With APF in combination with AFM® and ZPM you achieve the best possible filtration effect with a filtration sharpness of 0.1 micron.

Benefits:

- ▶ Crystal clear water: up to 0.1 micron filtration sharpness
- ▶ Up to 80 % less disinfectant consumption
- ▶ Prerequisite for chlorine-free method

Dosage:

Depending on the contamination, 0.5 - 1.0 ml per m³ of circulated swimming pool water. Example: At a circulation rate of 10 m³/h, the APF dosing quantity is 5 - 10 ml/h. APF is best dosed via a ZPM between pump and filter.

Item	VE	Art. No.	GR	€ RRP w/o VAT
APF	20 l	390 121 92	8	100,00



ACO

ACO is an innovative, environmentally friendly product that enhances the sun's natural disinfection power and protects chlorine from the sun. ACO is especially suitable for outdoor pools and is the prerequisite for effective chlorine-free water treatment. ACO is characterised by 3 main properties:

Benefits:

- ▶ Oxidation catalyst: ACO enhances oxidation. ACO is suitable in combination with all conventional oxidants (chlorine, bromine)
- ▶ Chlorine stabiliser: ACO protects chlorine and bromine from photooxidation. The half-life of chlorine increases by a factor of 4 - 5. You reduce approx. 30 % of your chlorine requirement. The effect of chlorine is not reduced by ACO as it is with isocyanuric acid, but even increased
- ▶ Boosts active oxygen: ACO supports the disinfection power of active oxygen and causes clear water.

Manual dosage:

Add 1 l per 100 m³ pool content directly into the pool every week. We recommend to double the amount for the first dosage. Shake product well before use.

Automatic dosing:

0.5 - 1.0 ml per m³ of circulated swimming pool water.

Item		Art. No.	GR	€ RRP w/o VAT
ACO fluid 5 ltr.	-only while stocks last-	390 121 64	8	35,00
ACO fluid 20 ltr.		390 121 61	8	90,00



APF dosing set

Consisting of: Floc Dos pump Stenner (Art. No. 390 122 07), ZPM 2 inch (Art. No. 951 600 79) and APF canister 20 litres (Art. No. 390 121 92).

Item	Art. No.	GR	€ RRP w/o VAT
APF dosing set	390 122 25	8	795,00



Floc Dos pump Stenner

Item	Art. No.	GR	€ RRP w/o VAT
Floc Dos pump Stenner 3,2-240 ml incl. dosing accessories	390 122 07	8	550,00
Dosing hose 3,2-240 ml/h for Floc Dos pump	390 122 11	8	25,00
Blue cutting ring for Stenner Floc Dos pump	AS-500 15	10	2,50
Union nut for Stenner Floc Dos pump	AS-500 21	10	3,00
Rotor for Stenner Floc Dos pump	AS-500 24	10	44,00
Blue cover for Stenner Floc Dos pump	AS-500 23	10	22,50



Floc Dos pump Saier

Item	Art. No.	GR	€ RRP w/o VAT
Floc Dos pump Saier incl. dosing accessories	390 122 19	9	585,00
Floc Dos pump Saier without dosing accessories	390 122 24	9	519,00
Hose kit for Floc Dos pump Saier	390 122 26	10	34,40

Goes with

Item	Art. No.
BEHNCKE injection valve	730 190 70
BEHNCKE Suction lance w.*	730 190 55
Dosing line PE 6/4 mm	390 184 14
Dosing line PVC 6/4 mm crystal clear	390 184 15

*Level regulator 1-stage, suction line 4 x 6 mm

Dryden aqua integrated system

Zeta potential mixer

The static mixer for cavitation of water.

The ZPM is a static mixer made of AISI 316 stainless steel. Cavitation reactions are formed in the ZPM. The resulting micro-bubbles mix the chemicals well, breaking up bacterial flocs and thereby helping to disinfect the water. A worthwhile, one-off investment for your swimming pool.

ZPM (2 fins) in front of the filter - enhances coagulation and flocculation processes.

The ZPM is used to enhance the coagulation (precipitation of dissolved particles into small solids) and flocculation reactions. The flocculant is dosed in via the ZPM. The cavitation reactions ensure perfect mixing and guarantee the turbulent environment necessary for coagulation. The zeta potential (charge between the particles) in the water is reduced and the redox potential is increased. ZPM enhances the coagulation and flocculation reactions purely mechanically and also shortens the reaction distances upstream of the filter. With a one-time investment, flocculation filtration is improved for a lifetime. The dimension of the ZPM before the filter should be designed for 1 - 2 mWS (0.1 - 0.2 bar) pressure loss.

ZPM (3 fins) after the filter - mechanical disinfection.

The cavitation reactions create micro-bubbles which disinfect the water. The higher the pressure drop, the higher the disinfection rate. Certain pathogens (e.g. cryptosporidia) and biofilm-protected bacterial colonies are highly resistant to chlorine. The ZPM breaks up these bacterial colonies and pathogens and enables the chlorine to disinfect them quickly and effectively. The dimension of the ZPM before the filter should be designed for 1 - 5 mWS (0.1 - 0.5 bar) pressure loss.



Item	Length/Weight	pressure loss 0,2 bar 1,5 m/s	pressure loss 0,3 bar 2,0 m/s	pressure loss 0,5 bar 2,5 m/s	Art. No.	GR	€ RRP w/o VAT
● ZPM DN 40-2 / screw connection with adhesive socket D50	195 mm/0,75 kg	10 m³/h	12 m³/h	15 m³/h	951 600 10	8	210,00
● ZPM DN 40-2 / 1 1/2" external thread	195 mm/0,75 kg	10 m³/h	12 m³/h	15 m³/h	951 600 74	8	210,00
● ZPM DN 50-3 / screw connection with adhesive socket D63	300 mm/1,2 kg	8,5 m³/h	13 m³/h	21,5 m³/h	951 600 25	8	235,00
● ZPM DN 50-2 / screw connection with adhesive socket D63	240 mm/1,2 kg	15 m³/h	23 m³/h	30 m³/h	951 600 20	8	255,00
● ZPM DN 50-2 / 2" external thread	240 mm/1,2 kg	15 m³/h	23 m³/h	30 m³/h	951 600 79	8	255,00
● ZPM DN 65-2 / 2 1/2" external thread	332 mm/2,8 kg	20 m³/h	27 m³/h	40 m³/h	951 600 32	8	540,00
● ZPM DN 80 with flange	284 mm/ 10,1 kg	20 m³/h	30 m³/h	45 m³/h	951 600 36-22	8	825,00
● ZPM DN 100 with flange	374 mm/ 13,5 kg	40 m³/h	47 m³/h	63 m³/h	951 600 41-22	8	935,00
● ZPM DN 125 with flange	454 mm/ 17,7 kg	50 m³/h	60 m³/h	80 m³/h	951 600 44-22	8	1.390,00
● ZPM DN 150 with flange	546 mm/ 24,8 kg	68 m³/h	83 m³/h	108 m³/h	951 600 46-22	8	1.840,00
● ZPM DN 200 with flange	710 mm/ 36,2 kg	70 m³/h	85 m³/h	115 m³/h	951 600 51-22	8	2.720,00
● ZPM DN 250 with flange	890 mm/ 56,2 kg	100 m³/h	125 m³/h	165 m³/h	951 600 56-22	8	2.850,00
● ZPM DN 300 with flange	1057 mm/ 77,23 kg	100 m³/h	125 m³/h	170 m³/h	951 600 61-22	8	2.950,00



DA-GEN spare parts

The service life of the cells is around 10,000 hours. 5,000 hours are guaranteed.

Item	Art. No.	GR	€ RRP w/o VAT
Spare cell 15A für DA-GEN 45	390 125 12	10	650,00
Spare cell 30A für DA-GEN 90	390 125 13	10	1.020,00
Spare cell 50A für DA-GEN 150	390 125 14	10	1.670,00

DA-GEN activator

With our DA-GEN activator based on magnesium chloride, you need around 3 to 5 times less material compared to conventional devices that are operated with salt.
Dosage 1 kg per m³ pool content.

Item	Art. No.	GR	€ RRP w/o VAT
DA-GEN Activator (magnesium chloride) in a 25 kg bag	390 125 21	10	44,00
Combination salt tablets in a 25 kg PE bag	461 000 90	14	34,70

Controllers



BEHNCKE-Basic I filter control without temperature control

Complete with timer, manual-automatic switch (for 400 V version with contactor and motor protection relay), setting range I-IV, protection class IP 40, hand-wired.
Dimensions: W x H x D = 213 x 180 x 80 mm.

Connection options:

- 1 filter pump
- 1 230V interlocked via filter pump

Item	Art. No.	GR	€ RRP w/o VAT
230 V	391 187 22	7	282,00



BEHNCKE-Basic II filter control with electronic temperature control

Complete with timer, manual-automatic switch (for 400 V version with contactor and motor protection relay), setting range I-IV, protection class IP 40, electronic temperature controller 0-40°C and temperature sensor with 2 m cable, hand-wired.
Dimensions: W x H x D = 213 x 180 x 80 mm.

Connection options:

- 1 filter pump
- 1 heater pump
- 1 230V interlocked via filter pump

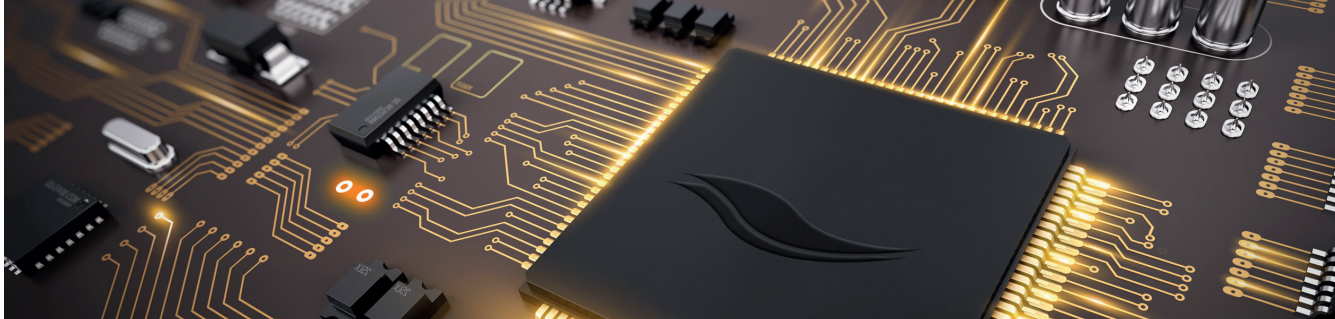
Item	Art. No.	GR	€ RRP w/o VAT
230 V	391 187 23	7	451,00



Electronic temperature control

From 0° C to 60 °C, for temperature control with temperature sensor with 4 m cable.

Item	Art. No.	GR	€ RRP w/o VAT
Temperature control	390 002 22	6	253,00
Immersion sleeve ½" made of VA	390 333 33	8	54,50
Immersion sleeve ½" made of titan	390 333 35	10	210,10



Solar control

Controller without display for simple temperature difference control.

- ▶ Adjustable temperature difference
- ▶ Frost protection function (via jumper/DIP switch)
- ▶ Minimum and maximum temperature limitation
- ▶ Temperature difference adjustable between 2 K and 16 K
- ▶ Drip water protection
- ▶ Incl. 2 x temperature sensors PT1000

Item	Art. No.	GR	€ RRP w/o VAT
Solar Control	520 000 47	8	222,50



Download Control
1.3 App (Android)



Download Control
1.3 App (iOS)



Please note that the DeviceTouch app was developed for Android 10. On devices with newer software versions, the functionality of the app may be limited.

Swimming pool control BEHNCKE Control 1.3

With a BEHNCKE Control 1.3, pool enjoyment begins with the controlling. It is not only easy to operate, but now offers even more intelligent functions. Among the many options of the BEHNCKE Control 1.3 is the connection of an additional display. This makes control even easier, e.g. from the terrace or other living rooms. (Protection class IP 2X).

Pool owners have many benefits with a BEHNCKE Control 1.3: The pool control is compatible with 230V and 400V connections. It offers a wide range of programming options and extensive connection options. It is also characterised by a clear user interface.

The BEHNCKE Control 1.3 can be completely controlled with its own smartphone app. The control unit itself has an individual potential-free contact for heating and a separate potential-free contact for the dosing technology. The BEHNCKE Control 1.3 also offers fully automatic backwashing of your pool.

BEHNCKE Control 1.3 is available in six complete language programmings (German, English and French as well as Swedish, Dutch and Russian).

- ▶ Filter pump for 400 V or 230 V max. 8 A or frequency-controlled pump 230 V can be enlarged with our language
- ▶ Dosing technology 230 V interlocked via filter pump
- ▶ UV lamp 230 V interlocked via filter pump
- ▶ Solar actuator 230 V (solar)
- ▶ Rod valve 230 V (backwash)
- ▶ Rod 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
- ▶ Potential-free contact heating
- ▶ Potential-free contact (dosing technology)
- ▶ Flow switch
- ▶ Built-in water level control via water sensor

Item	Art. No.	GR	€ RRP w/o VAT
BEHNCKE Control 1.3	390 191 15-BEH	8	987,00
BEHNCKE Control 1.3. with gutter tank extension	390 191 16-BEH	8	1.589,00
External display for BEHNCKE Control 1.3	390 192 08	8	383,00

Controllers



Swimming pool control BEHNCKE Control 1.3 - accessories

Item	Art. No.	GR	€ RRP w/o VAT
Level float 2 m	390 190 53	8	60,60
Level float 10 m	390 190 57	8	83,20
Level float 20 m	390 190 58	8	112,90
Idler and angle	390 190 54	8	28,90
PT1000 temperature sensor (2,50 m)	390 192 24	8	60,20
PT1000 temperature sensor (10,00 m)	390 190 51	8	90,90
PT1000 temperature sensor (20,00 m)	390 190 52	8	120,20
Solenoid valve 1/2" with plug	390 332 03	6	180,00
Flow switch 1/2"	304 001 07	6	132,30



Behncke niveau control / gutter tank extension to Control 1.3

Electronic level control for overflow tank. Evaluation of 6 hanging electrodes. 6th electrode, e.g. or forced switch-on backwash when the tank or swimming pool is about to overflow.

Item	Art. No.	GR	€ RRP w/o VAT
● Behncke Niveau Control / Gutter tank extension to Control 1.3	390 190 95	8	708,00
Accessory: Suspended electrode set with 5 probes and support	390 190 37	8	357,00
Accessory: Solenoid valve 1/2" with plug	390 332 03	6	180,00
Accessory: Solenoid valve 3/4" with plug	391 043 11	6	201,00
Accessory: Solenoid valve 1" with plug	391 001 11	6	201,00
Accessory: Cone for fresh water	390 335 00	6	29,00

Goes with



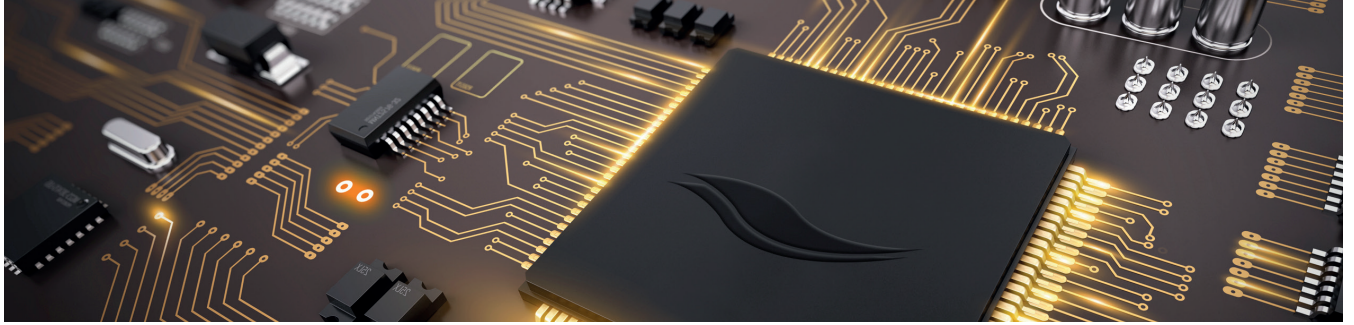
●	●	●	●	●
390 190 37	390 332 03	391 043 11	391 001 11	390 335 00
Electrode kit with 5 probes and holder	Solenoid valve 1/2" with plug	Solenoid valve 3/4" with plug	Solenoid valve 1" with plug	Cone for fresh water



Water level controller, electronic level controller

This electronic water level control is suitable for use in swimming pools and whirlpools with skimmers. The scope of delivery of the control includes a mini float switch with 2 m cable and holder. The bracket is mounted in the skimmer and allows subsequent height adjustment. Further the switching function can be selected between „close“ and „open“. An adjustable time delay on the circuit board prevents to short switching intervals in case of wave movement. With closing-damped solenoid valve (R1/2").

Item	Art. No.	GR	€ RRP w/o VAT
Electronic level controller	390 190 60	8	415,00



Controllers

Link to the digital specifications

Swimming pool control BEHNCKE Connect



Download Connect App (iOS)



Download Connect App (Android)



Dialogue of the future. Anywhere in the world. The new BEHNCKE Connect. In the field of swimming pool control this means: On the operator's side, clear and simple dialogue, effective and flexible, wherever the location is. The stationary control unit (10" touch display) is equipped with a self-explanatory dialogue function, and 2 panels can be installed as an option. In order to be able to control and monitor the swimming pool area conveniently from anywhere in the home environment, a specially developed app (iOS and Android) is available via LAN. In addition, a KNX interface is available to integrate the system into a digital home control system. Via an intelligent remote portal, all monitoring parameters of the all monitoring parameters of the system can be accessed globally and at any time. If configured accordingly, a fault message is sent via email or SMS both to the user and, if required, to the relevant support team.

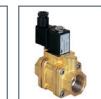
The BEHNCKE Connect has an integral solar control for collectors or absorbers for environmentally friendly energy use. An outstanding detail is the "VLC®-System" (Visual- Level-Control) developed by BEHNCKE engineers. The overflow collecting tank is actively monitored by means of a visual display (panel). A fully automatic level control regulates the function of the skimmers. Depending on the manufacturer, up to 6 light water attractions (e.g. neck surge, light effects, bottom geyser) are programmable. A Fluvo or UWE counter-current system can be adjusted to the respective, personal intensity of the user via a memory setting. Of course, with all these individual functions, fundamentally integrated parameters such as the control of the filter system, the filter pumps (230 and 400 V, frequency- controlled), the backwash valves and of the heating system are designed to operate. Safety-relevant dialogue functions are also taken into account, such as the operation of the swimming pool cover. Two operating variants are available for energy-efficient use: Eco and holiday mode. All necessary operating information such as redox, chlorine, pH, room humidity, temperature, etc. can be reliably read out and monitored. Of course, this can also be done decentrally via app control with a tablet.

The control unit has the following functions:

- ▶ Gutter tank control VLC
- ▶ Level control
- ▶ Filter control
- ▶ Filter cleaning control via rod valves
- ▶ Connection possibility + UV
- ▶ Heating control
- ▶ Solar control high performance + collector or absorber
- ▶ Light control
- ▶ Connection to measurement and control technology / display of measured values
- ▶ Level monitoring
- ▶ Connection to dehumidification system / display
- ▶ Roller shutter cover control
- ▶ Several sensors can be connected (air outside, inside, water, etc.)
- ▶ Holiday mode
- ▶ Eco mode
- ▶ Setback mode
- ▶ Various freely programmable terminals
- ▶ Connection of external frequency inverter (FI)

Item	Art. No.	GR	€ RRP w/o VAT
● BEHNCKE Connect	390 192 02-17	8	5.675,00
KNX-package	390 192 22	8	921,00
Additional display surface-mounted version	390 192 19-20	8	1.172,00
Additional display flush-mounted version	390 192 13-20	8	1.230,00

Goes with



390 192 24

Temperature probe (air) PT 1000

390 190 51/52

Temperature probe PT 1000 (10.00m/20.00m)

390 190 37

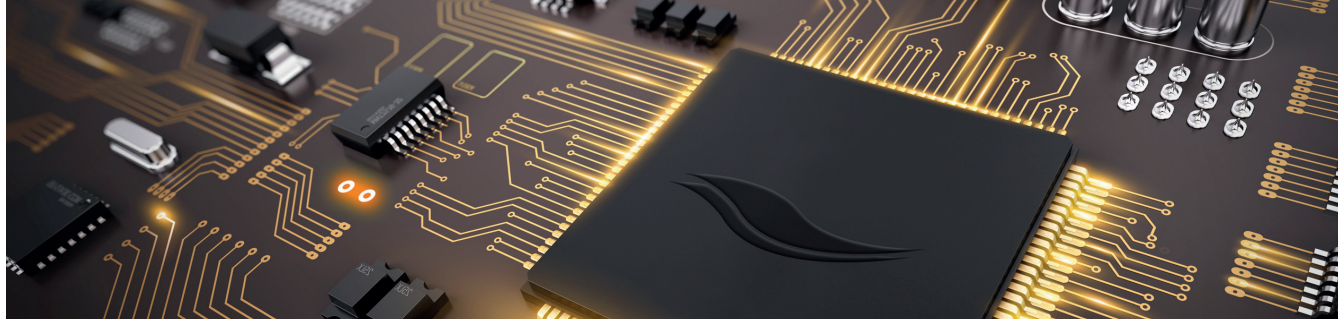
Electrode kit with 5 probes and holder

390 333 33

Immersion sleeve 1/2" made of VA

390 332 03

Solenoid valve 1/2" with plug



Voucher for the remote portal (Connect/Control 1.3)

Scope of functions:

- ▶ View system data
- ▶ Set values
- ▶ Storage space for 100,000 measurement data
- ▶ Visualisation of values in diagrams
- ▶ Create additional users
- ▶ Notification by e-mail

Item	Art. No.	GR	€ RRP w/o VAT
10 years voucher	390 190 50-100	0	151,00



Level probe set for BEHNCKE Connect

For centimetre-accurate measurement and display of the fill level in the collection tank.

Item	Art. No.	GR	€ RRP w/o VAT
Level probe set for BEHNCKE Connect	390 190 67	8	638,00

Measurement and control technology for private pools



Probes holder



App user interface

Product combination DULCOPPOOL with inline flow-through fitting

Complete incl. accessories (with probes)

Experience perfect water treatment for your private swimming pool with the DULCOPPOOL measuring and control unit. This ready-to-plug-in compact unit comes with two integrated dosing hose pumps, each 1.6 l/h, and measures the pH value and the ORP potential for crystal-clear water. Operation is easy via the touchscreen or safely via the app. The spacesaving pumps are mounted directly on the housing and the system comes with matching accessories. Put your trust in DULCOPPOOL for the best results in your pool.

Measuring inputs:

- ▶ 1 x potentiometric pH 0 to 14 pH (pH measurement)
- ▶ 1 x potentiometric ORP 0 to +999 mV (ORP)
- ▶ 1 x non-isolated input (4 to 2 mA) -5 °C to +45 °C (Temperature)

Control/flow inputs:

- ▶ 1 x external enable on/off Potential free adjustable (normally closed/normally open)
- ▶ 1 x flow monitoring (Paddle switch connection)

Canister empty signal:

- ▶ 1 x for pH
- ▶ 1 x for disinfection

Relay output:

- ▶ 3 x current relay with mains supply 230 VAC, switching capacity 3 A
(2 occupied with dosing pumps, 1 free for pump / time-controlled)

Pumps:

- ▶ 2 x 1.6 l/h integrated

RS 485:

- ▶ 1 x RS 485 (for building management system)

USB:

- ▶ 1 x USB slot (for USB mass storage device)

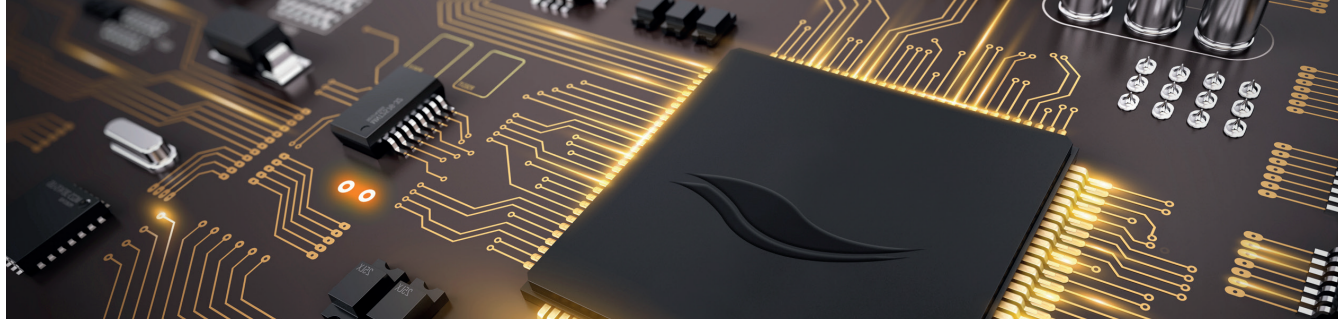
WLAN:

- ▶ 1 x USB dongle

Accessories:

- ▶ Complete incl. accessories (with probes)

Item	Art. No.	GR	€ RRP w/o VAT
Product combination DULCOPPOOL with inline flow-through fitting	397 000 00	15	2.565,00



Product combination DULCOPPOOL Plus with sensor bypass fitting

Complete incl. accessories (without probes)

Experience perfect water treatment for your private swimming pool with the DULCOPPOOL Plus measuring and control unit. This plug-in compact unit comes with two integrated dosing hose pumps of 1.6 l/h each and measures the pH value and the ORP potential for crystal-clear water. Operation is easy via touchscreen or via the app. The space-saving pumps are mounted directly on the housing. The system is mounted together with the BEHNCKE flow-through fitting cell and its accessories. Put your trust in DULCOPPOOL Plus for best results in your pool.

Measuring inputs:

- ▶ 1 x potentiometric pH 4 to 14 pH (pH measurement)
- ▶ 1 x potentiometric ORP 0 to +999 mV (ORP)
- ▶ 1 x non-isolated input (4 to 20 mA) -5°C to +45°C (Temperature)

Control/flow inputs:

- ▶ 1 x external enable on/off Potential free adjustable (normally closed / normally open)
- ▶ 1 x flow monitoring Paddle switch connection

Canister empty signal:

- ▶ 1 x for pH
- ▶ 1 x for disinfection

Relay output

- ▶ 3 x current relay with mains supply 230 VAC, Switching capacity 3.5 A – 850 W max. (2 occupied with dosing pumps, 1 free for Pump / time-controlled)

Pumps:

- ▶ 2 x 1,6 l/h integrated

RS 485:

- ▶ 1 x RS 485 (for building management system)

USB:

- ▶ 1 x USB slot

WLAN:

- ▶ 1 x USB dongle

Accessories:

- ▶ Complete incl. accessories (without probes)

This probe package is required as an accessory:

- ▶ Probe package ORP / pH Art. 397 000 10



App user interface

In addition to ordering item no. 397 000 12, package 397 000 10 must be ordered.

Item	Art. No.	GR	€ RRP w/o VAT
Product combination DULCOPPOOL Plus with sensor bypass fitting	397 000 12	15	2.790,00
PH-REDOX probe package (incl. buffer solutions)	397 000 10	15	205,00

Measurement and control technology for private pools



In addition to ordering item no. 397 000 02, one of the following packages must be ordered.

Product combination DULCOPool Pro with sensor bypass fitting

Complete incl. accessories (without probes)

The DULCOPool Pro measuring and control unit offers you ultimate control over water treatment in your pool. With a secure web server and user-friendly touch display, operation is a breeze. The DULCOPool Pro can connect more powerful pumps for larger pools and control Besgo tubular valves. Control of salt electrolysis systems or free chlorine measurement for best measurement results or in public pools is also possible. In addition, can be used with a frequency-controlled pump via 4-20mA. Trust DULCOPool Pro for perfect water treatment in your pool.

Measuring inputs:

- ▶ 1 x potentiometric pH 4 to 14 pH (pH measurement)
- ▶ 1 x potentiometric ORP 0 to +999 mV (ORP)
- ▶ 2 x isolated inputs (4 to 20 mA) 0 - 2000 definable
(Disinfection/ dissolved substances adjustable (Ppb, ppm, NTU, µg/L, g/L or %))
- ▶ 1 x non-isolated input (4 to 20 mA) -5 °C to +45 °C (Temperature)
- ▶ 1 x non-isolated input (4 to 20 mA) 0.2 to 100 NTU
(Turbidity adjustable 0 to 2000 NTU or FNU)

Control/flow inputs:

- ▶ 1 x external enable on/off (normally closed / normally open)
- ▶ 1 x flow monitoring (Paddle switch connection)

Canister empty signal:

- ▶ 1 x for pH
- ▶ 1 x for disinfection

Relay output:

- ▶ 2 x relays, potential-free change-over contact, switching capacity 3,5 A – 850 W max.
(Freely assignable (e.g. rod valve /APF/ACO dosing/time control))
- ▶ 2 x current relays with mains supply 230 VAC, switching capacity 3,5 A – 850 W max.
(Dosing pump control DULCOPool Pro (For peristaltic dosing pumps e.g. DF2a / Flock Dos) not suitable for diaphragm pumps)

Pumps:

- ▶ 2 x external peristaltic metering pumps

RS 485:

- ▶ 1 x RS 485 (for building management system)

USB:

- ▶ 1 x USB slot (for USB mass storage device)

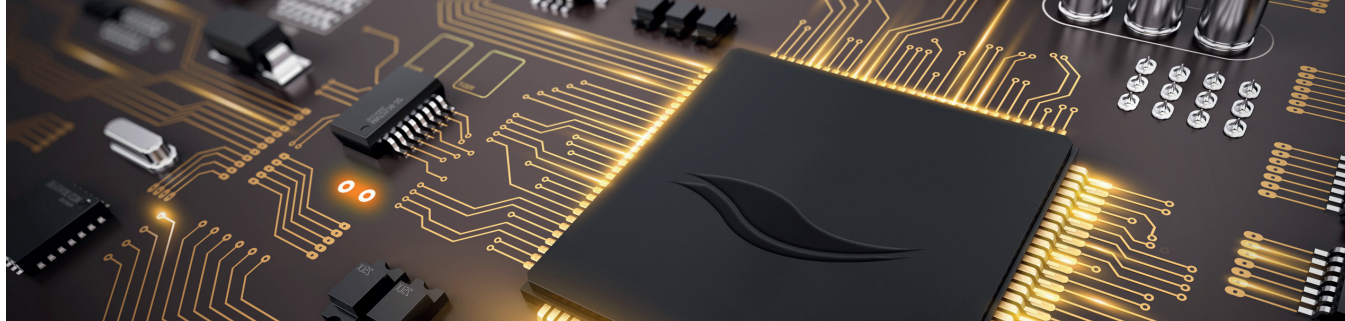
WLAN:

- ▶ 1 x module

One of the probe packages is required as an accessory:

- ▶ Probe package chlorine / pH / ORP (for free chlorine measurement +pH +ORP) Art. 397 000 08
- ▶ Probe package Chlorine / pH / ORP (for free chlorine measurement +pH +ORP for salt in water electrolysis / hydrolysis) Art. 397 000 09
- ▶ Probe package Chlorine / pH (for free chlorine measurement +pH) Art. 397 000 11
- ▶ Probe package ORP / pH Art. 397 000 10

Item	Art. No.	GR	€ RRP w/o VAT
Product combination DULCOPool Pro with sensor bypass fitting	397 000 02	15	5.040,00
Probe package CLE-PH-REDOX for DULCOPool Pro (incl. buffer solutions)	397 000 08	15	1.510,00
Probe package CLO-PH-REDOX for DULCOPool Pro (incl. buffer solutions)	397 000 09	15	1.669,00
Probe package CLE-PH for DULCOPool Pro (incl. buffer solutions)	397 000 11	15	1.361,00
PH-REDOX probe package (incl. buffer solutions)	397 000 10	15	205,00
Floc Dos pump Stenner 3,2-240 ml incl. dosing accessories	390 122 07	8	550,00



Measurement and control technology accessories



Multi dosing station Df4a (floc, nophos or fragrances)

The DULCO®flex DF4a is a peristaltic pump with integrated infinitely variable time control and four buttons for operation. Current dosing times are clearly shown on the 2-line LC display. In addition, the pump can be controlled via external contact and pause inputs. Possible applications are the dosing of fragrances in swimming pools, saunas, steam baths and jacuzzis. In combination with two additional DF2 pumps, an automatically programmable infusion dosing with up to three different fragrances is possible. The housing is protected against water jets from all sides (IP 65).

Complete set consisting of DULCO®flec peristaltic pump DF4a with metering valve, suction lance PVC for disposable tanks 5 to 50 l (tank opening 50 mm), with mains cable, Euro plug and dosing pipe made of PCV (10 m, 4/10 mm).

- ▶ Capacity range 0.4-2.4 l/h at max. 1.5 bar back pressure
- ▶ **CAN interface not available**
- ▶ 2-line LC display
- ▶ Control panel with 4 keys + LED for operating status
- ▶ Language-neutral user guidance in the basic unit
- ▶ Reproducible, stepless time control - all times independent and changeable at any time
- ▶ Operating hours counter
- ▶ Info on hose materials: Viton
- ▶ Suitable for continuous operation
- ▶ Self-priming against max. 1.5 bar
- ▶ Spring-loaded rollers for constant unwinding pressure and increased service life of the hose

Item	Art. No.	GR	€ RRP w/o VAT
Dosing station DULCO®flex DF4a 4,0 bar / 0,35 ltr.	708 930 05	15	1.282,00
Dosing station DULCO®flex DF4a 4,0 bar / 1,5 ltr.	708 930 06	15	1.280,00
Dosing station DULCO®flex DF4a 2,5 bar / 6,0 ltr.	708 930 07	15	1.334,00
Dosing station DULCO®flex DF4a 1,5 bar / 12,0 ltr.	708 930 08	15	1.388,00



Magnetic diaphragm metering pump

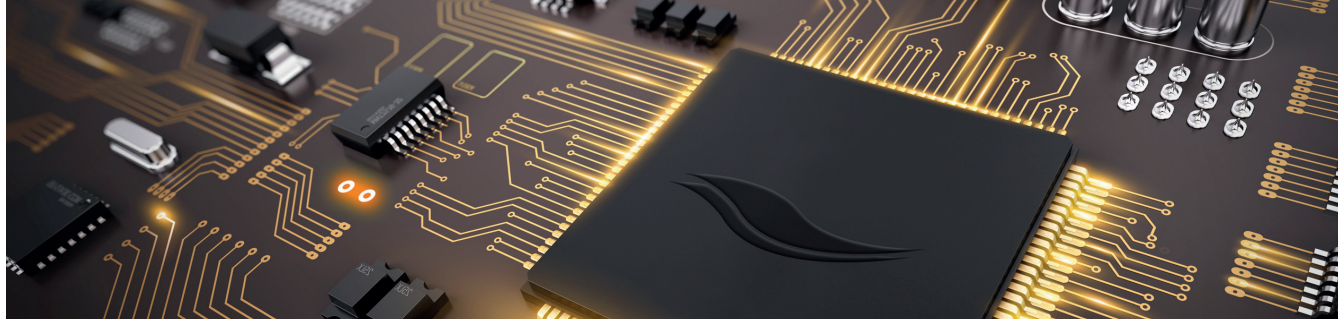
Item	Art. No.	GR	€ RRP w/o VAT
Diaphragm metering pump pH 4,4 ltr. Beta	730 180 16	9	838,00



NEW!

Stenner pump

Item	Art. No.	GR	€ RRP w/o VAT
Stenner dosing pump 0.30-2.2 l/h Econ VS for Cl / pH / ACO	390 125 41	8	420,00
Dosing hose 'B' Stenner dosing pump for ECON VS	390 122 18	8	24,00
Cutting ring blue for Stenner Floc Dos pump	AS-500 15	10	2,50
Union nut for Stenner Floc Dos pump	AS-500 21	10	3,00



Accessories for masuring and control technology

Item	Art. No.	GR	€ RRP w/o VAT
PH combination electrode	730 190 00	15	163,00
Redox combination electrode	730 190 01	15	163,00
COAX-D-AE-X connection cable for pH and redox sensors 3 mtr.	730 190 80	10	56,00
Chlorine measuring cell CLE 3 - mA - 2 ppm	730 190 02	15	1.430,20
Electrolyte CLE 3/3.1 - CAN 100 ml	730 190 06	15	45,50
Diaphragm cap CLE 3/3.1 - CAN	730 190 03	15	89,50
Chlorine-bromine measuring cell CBR 1 - mA - 2 ppm	398 790 20	15	1.704,00
Diaphragm cap compl. CTE blue	398 790 23	15	112,25
Electrolyte Type CBR	398 790 22	15	94,05
Spare part CBR 1	398 790 21	15	283,66
Suction lance without level control 6 x 4	730 190 07	15	141,90
BEHNCKE suction lance	730 190 55	15	113,65
Strainer insert for dirt filter (nylon strainer)	90 452	15	25,80
Union nut d 6 mm b ¼" for DFa 2a/3a	730 190 11	15	1,70
Union nut d 10 mm b ¼" for DFa 2a/3a	730 190 12	15	1,65
PCE connection kit 10 x 4 for Beta	730 190 13	15	14,85
PCE connection kit 6 x 4 for Beta	730 190 14	15	14,85
PVC sample water tap R ½" x 8 x 5	730 190 17	15	80,30
Measuring water pipe PE 8 x 5 mm, 10 m length	730 190 21	15	18,20
Injection valve BEHNCKE ¼" and ½" für 4/6 mm hose and 4/10 mm	730 190 70	15	53,50
Injection valve 10 x 4 ½" for PE-PTFE line	730 190 18	15	89,80
Injection valve 6 x 4 ½" for PE-PTFE line	730 190 19	15	89,80
Injection valve PCB 6/4 for DF 2a/3a 1/2" - only while stocks last -	730 190 30	15	76,80
Injection valve PCB 10/4 for DF 2a/3a 1/2" - only while stocks last -	730 190 32	15	76,80
Hose for peristaltic pump komplett for all DF2 dosing pumps from 0.4 to 2.4 l/h	708 941 00	15	30,60
Dosing line PVC hose 10 x 4 mm, 10 m length	390 184 12	8	16,50
External cable 2 m / control cable Beta	730 190 23	15	48,90
Buffer solution pH 7, 40 ml, yellow	750 300 24	15	16,55
Buffer solution pH 4, 40 ml, red	750 300 25	15	16,55
Buffer solution RedOx 475 mV, 40 ml	750 300 27	15	16,55



Peristaltic pump DF2a

Item	Art. No.	GR	€ RRP w/o VAT
Peristaltic pump 1,5 bar / 0,4 ltr. / h	708 930 02	15	299,00
Peristaltic pump 1,5 bar / 0,8 ltr. / h	708 930 03	15	299,00
Peristaltic pump 1,5 bar / 1,6 ltr. / h	708 930 00	15	369,00
Peristaltic pump 1,5 bar / 2,4 ltr. / h	708 930 01	15	369,00

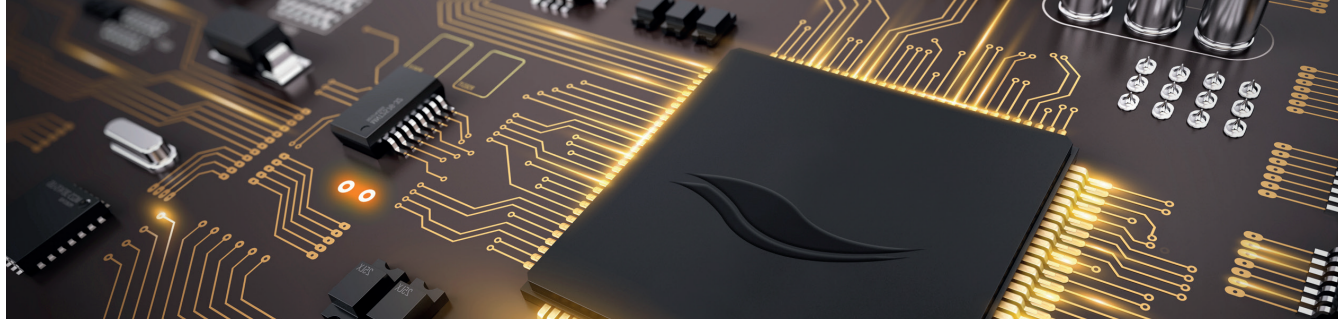
Measurement and control technology accessories

Spare parts / accessories for Splash Control I

Item	Art. No. Prominent	Art. No.	GR	€ RRP w/o VAT
PH-sensor PHES 112 SE Lg100		730 190 00	15	163,00
RedOx-sensor RHES-Pt-SE 100		730 190 01	15	163,00
DSPA sample water filter with white housing and filter sieve	1039428	907 32	15	250,60
Stainless steel strainer 300µm	1038867	907 38	15	27,50
Connector 10/4 mm - R 1/2 - 1/4 for PE/PTFE pipe - only while stocks last -	1024697	730 190 32	15	76,80
Water sampling ball valve / PVC water sampling R1/2" 8x5 mm	1018874	730 190 17	15	80,00
Rotor peristaltic pump DF2a	1009478	907 01	15	69,25
Hose for peristaltic pump compl. Mat. PharMed - DF2 pumps	1009480	708 941 00	15	30,60
Transparent cover DF2 peristaltic pump (without screw)	1007736	PM-1007736	15	6,75
Measuring water pipe PE 8 x 5 mm, 10 m roll	1004506	730 190 21	15	18,17
Laboratory ball valve D10 DN6, 1/4" PVC and accessories	1010380	PM-1010380	15	21,30
Buffer solution RedOx 475 mV, 40 ml		750 300 27	15	16,55
Buffer solution pH 4, 40 ml, red		750 300 25	15	16,55
Buffer solution pH 7, 40 ml, yellow		750 300 24	15	16,55
Suction and dosing line soft PVC with fabric insert, 10 m, 10/4 mm	1004533	390 184 12	8	16,50
Dosing head PPE Dulco®flex DF2a	1007672	PM-1007672	15	11,85
Gear motor 3.5 kW, 230 V, 50/60 Hz for type 0204	1009460	PM-1009460	15	92,87
Deep groove ball bearing (between rotor and transparent cover)	1017985	PM-1017985	15	3,38
Coaxial cable 0.8m SN6	1024105	PM-1024105	15	60,66
BEHNCKE suction lance	1022644	730 190 55	15	113,65
Adapter 9 1/4 M20 x 1,5 PVC inkl. incl. sealing cap		907 31	15	34,30
O-ring 4,5 3,00 FPM	1044910	PM-1044910	15	6,13
Simple connection set 10 x 4 PCB	1002589	PM-1002589	15	14,83

Spare parts / accessories for splash Control II

Item	Art. No. Prominent	Art. No.	GR	€ RRP w/o VAT
PH-sensor PHES 112 SE Lg100		730 190 00	15	163,00
RedOx-sensor RHES-Pt-SE 100		730 190 01	15	163,00
Rotor peristaltic pump DF2a	1009478	907 01	15	69,25
Hose for hose pump compl. Mat. PharMed - DF2 pump	1009480	708 941 00	15	30,60
Union nut d 6 mm b 1/4" for DFa 2a/3a		730 190 11	15	1,70
Union nut d 10 mm b 1/4" for DF 2a/3a		730 190 12	15	1,65
Gear motor 5,0 W 20 l / min 230 V, 50 Hz	1009635	PM-1009635	15	155,35
Coaxial cable D3 mm length: 0.8m SN6 / BNC connector	1033988	730 189 99	15	60,66
Suction lance for connection to disposable tank 5 - 60 litres with 2 m suction hose 6/4 mm	802077	730 190 09	15	224,35



Spare parts / accessories for Splash Control Pro+

Item	Art. No. Prominent	Art. No.	GR	€ RRP w/o VAT
pH sensor PHES 112 SE Lg100		730 190 00	15	163,00
RedOx sensor RHES-Pt-SE 100		730 190 01	15	163,00
Coaxial cable Ø 5 mm, 0.8 m - SS, 2x SN6	305077	PM-305077	15	92,52
Buffer solution RedOx 475 mV, 40 ml		750 300 27	15	16,55
Buffer solution pH 4, 40 ml, red		750 300 25	15	16,55
Buffer solution pH 7, 40 ml, yellow		750 300 24	15	16,55
Chlorine sensor CLE 3 - mA 2 ppm	792920	730 190 02	15	1430,20
Diaphragm cap 2 cpl. ET set (CLE 2.2, CLE 3.1, CDE 1.2) with red dot	790488	730 190 03	15	89,50
Electrolyte for all chlorine sensors type CLE, 100 ml	506270	730 190 06	15	45,50
DSPA sample water filter with white housing and filter sieve	1039428	907 32	15	250,60
Stainless steel strainer 300µ	1038867	907 38	15	27,50
Water sampling ball valve / PVC water sampling R1/2" 8x5 mm	1018874	730 190 17	15	80,30
Connection kit single 10x4 mm PVC	1002589	PM-1002589	15	14,83
Union nut d6 - G 1/4 P- 9005	1009968	730 190 11	15	1,70
Suction lance for connection to disposable tank 5 - 60 litres with 2 m suction hose 6/4 mm	802077	730 190 09	15	224,35
Connector 10/4 mm - R 1/2 - 1/4 for PE/PTFE pipe - only while stocks last -	1024697	730 190 32	15	76,80
Suction and dosing line soft PVC with fabric insert, 10 m, 10/4 mm	1004533	390 184 12	8	16,50
Hose for peristaltic pump compl. Mat. PharMed - DF2 pumps	1009480	708 941 00	15	30,60
Replacement hose cpl. Viton® for DF2a	1023842	PM-1023842	15	35,15



In addition to ordering item no. 390 053 31, the package 397 000 10 must also be ordered.

aquavision® SMART pH/RedOx

The entry-level model in the world of the aquavision® control technology. Equipped with the new BEHNCKE 1.3 swimming pool control, this control unit already covers many functions of swimming pool technology. Up to the online capability via remote portal, we realise all necessary control of skimmer pools and also overflow pool (in connection with the BEHNCKE Niveau Control).

The monitoring of the water values in this control unit is taken over by the new pH/Redox controllers. These ensure that the hygiene parameters are monitored and regulated simply but continuously.

Professional wiring and testing of the components guarantees a trouble-free start of the water treatment and saves the specialist dealer unnecessary work on site. BEHNCKE technicians guarantee tested product quality.

Functional overview:

- ▶ Filter pump for 400 V or 230 V max. 8 A or frequency-controlled pump 230 V
- ▶ Dosing technology 230 V interlocked via filter pump
- ▶ UV lamp 230 V interlocked via filter pump
- ▶ Solar actuator 230 V (solar)
- ▶ Rod valve 230 V (backwash)
- ▶ Rod valve 230 V (clear rinse) or freely programmable (pulse or time control)
- ▶ OmniTronic 6-way actuator (6-way control valve from Speck)
- ▶ Solar pump 230 V or freely programmable (pulse or time control)
- ▶ Heating pump interlocked via filter pump 230 V
- ▶ Potential-free contact heating
- ▶ Potential-free contact (dosing technology)
- ▶ Flow switch
- ▶ Built-in water level control via water sensor

Suitable accessories for the aquavision® Smart can be found on page 74.

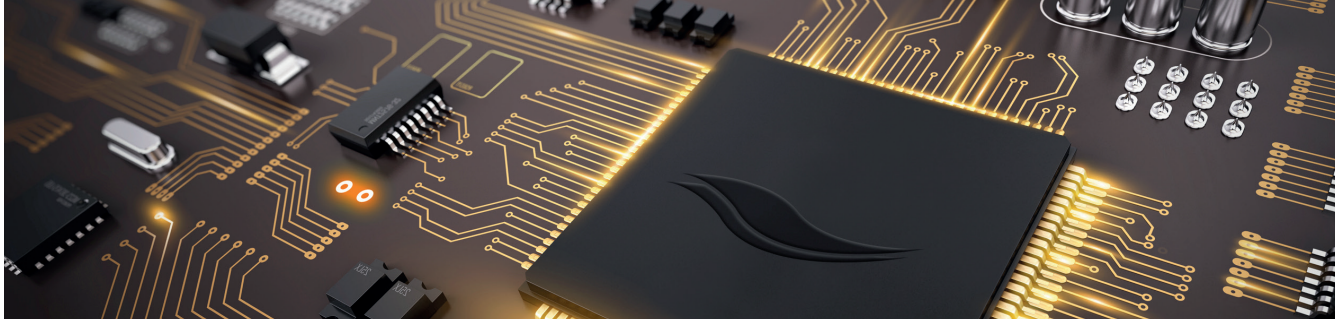
Item	Art. No.	GR	€ RRP w/o VAT
aquavision® SMART pH/Redox	390 053 31	8	5.022,00
PH-REDOX probe package (incl. buffer solutions)	397 000 10	15	198,00

Voucher for the remote portal (Connect/Control 1.3)

Scope of functions:

- ▶ View system data
- ▶ Set values
- ▶ Storage space for 100,000 measurement data
- ▶ Visualisation of values in diagrams
- ▶ Create additional users
- ▶ Notification by e-mail (optional: SMS or fax)

Item	Art. No.	GR	€ RRP w/o VAT
10 years voucher	390 190 50-100	0	151,00



aquavision®
Innovative Wasseraufbereitung.

NEW!

aquavision® COMFORT



In addition to ordering item no. 397 000 03, one of the following packages must be ordered.

The entry-level model plus into the world of aquavision® control technology. Equipped with the new BEHNCKE 1.3 pool control system. This control system already covers many functions of swimming pool technology. Up to the online capability by the means of a remote portal all necessary controls for skimmer and overflow pools (in connection with the BEHNCKE level control). The monitoring of the water values in this control unit is carried out by the **DULCOPPOOL Pro**. This ensures that the hygiene parameters are simple but continuously monitored and regulated.

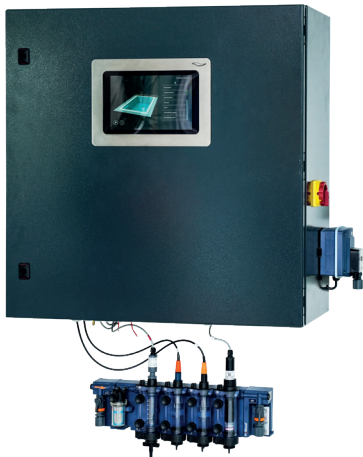
Professional wiring and testing of the components guarantee a trouble-free start of the water treatment and save the specialist dealer unnecessary work on the construction site. BEHNCKE technicians guarantee tested product quality.

Functional overview:

- ▶ Filter pump for 400 V or 230 V max. 8 A or frequency-controlled pump 230 V
- ▶ Dosing technology 230 V interlocked via filter pump
- ▶ UV lamp 230 V interlocked via filter pump
- ▶ Actuator solar 230 V (solar)
- ▶ Rod valve 230 V (backwash)
- ▶ 230 V (clear rinse) or freely programmable (impulse or programmable (pulse or time control)
- ▶ OmniTronic (autom. backwash valve from Speck)
- ▶ Solar pump 230 V or freely programmable (Impulse or time control)
- ▶ Heating pump interlocked via filter pump 230 V
- ▶ Potential-free contact heating
- ▶ Potential-free contact (dosing technology)
- ▶ Flow switch
- ▶ Built-in water level control by water sensor
- ▶ Monitoring of the pH value and the ORP potential

Suitable accessories for the aquavision® CPOMFORT can be found on page 74.

Item	Art. No.	GR	€ RRP w/o VAT
aquavision® COMFORT	397 000 03	8	6.685,00
Probe package CLE-PH-REDOX (incl. buffer solutions)	397 000 08	15	1.510,00
Probe package CLO-PH-REDOX (incl. buffer solutions)	397 000 09	15	1.669,00
Probe package CLE-PH (incl. buffer solutions)	397 000 11	15	1.361,00
PH-REDOX probe package (incl. buffer solutions)	397 000 10	15	205,00












aquavision® Pro - The Connect

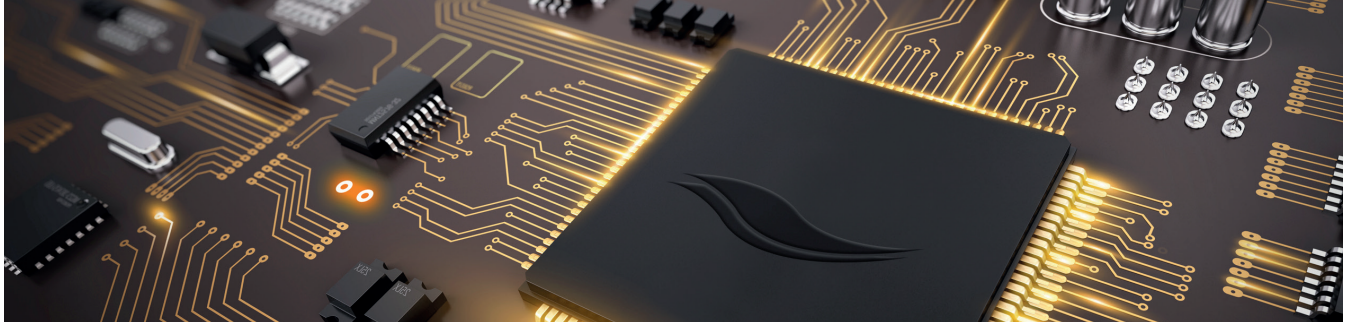
The aquavision® DELUXE control cabinet of the next generation. In this control cabinet, the new BEHNCKE Connect takes over the control of all technical components in skimmers and overflow swimmingpools. This guarantees maximum operating convenience via iPad and visualisation of all system parameters. Pool lighting, water attractions and roller shutter covers can be conveniently operated by the end customer. At the same time, the control system ensures energy-efficient regulation of all technical functions (see also text BEHNCKE Connect). The aquavision® DELUXE control cabinet is additionally equipped with the new Splash Control Pro+ which regulates free chlorine and the pH value. These parameters can then also be displayed on the tablet PC and/or on your smartphone. This ensures an optimal and defined chlorine concentration in the pool water.

Item	Art. No.	GR	€ RRP w/o VAT
aquavision® Pro	390 053 25-17	8	10.610,00

Goes with

								
390 192 24	390 190 51	390 190 37	390 333 33	390 332 03	390 190 67	390 192 19-20	390 192 13-20	390 192 22
Temperature probe (air) PT 1000	Temperature-sensor PT 1000 (10.00m/20.00m)	Electrode kit with 5 probes and holder	Immersion sleeve 1/2" made of VA	Solenoid valve 1/2" with connector	Level probe kit	Additional display on-wall execution	Additional display flush-mounted execution	KNX package





SPACE

NEW!

BEHNCKE SPACE

Complete and optimal management of your pool!

The BEHNCKE SPACE is more than a classic swimming pool control system. This control device allows you to monitor your pool in real time, at home and from anywhere in the world. Thanks to the integrated artificial intelligence, the controller constantly analyses and controls all the parameters of your pool to reduce operating costs and possible waste of resources..

More than just automation:

The algorithms specially programmed for the control unit get to know your pool in order to optimise the processes by means of machine learning. Getting to know your pool in order to optimise all processes by means of machine learning. . The goal of SPACE is efficient, sustainable and make it truly autonomous!

State-of-the-art technology:

By using the most modern probes and sensors, is an efficient unparalleled reliability of measurements, such as pH/redox, pool and outside temperature, system pressure or the various water levels. The use of this technology in conjunction with machine learning enables a maximum of precision and thus a continuous optimisation of your pool!

The BEHNCKE SPACE, which is pre-assembled and wired ex works on a mounting plate includes a cover and contains the cover and contains the following components:

- ▶ SPACE Data Control Connection Unit (8 relays, 2 inputs, Quick Connect Box (for connecting a FlowVis, an energy meter, DA-GEN hydrolyser)
- ▶ H2Flow Digital Adapter with 8 m cable (please order matching H2Flow flow meter digital separately)
- ▶ SPACE pH/Redox sensor kit
- ▶ Sensors for pool and outdoor temperature
- ▶ Pressure sensor
- ▶ Sensor receptacle
- ▶ SPACE extension module (further 8 inputs and outputs)
- ▶ 2 peristaltic pumps for dosing water care products (pH/chlorine) and 2 suction lances

Function overview:

- ▶ Control of speed-controlled pumps
- ▶ Control of bar valves for automatic backwashing and rinsing
- ▶ Measurement of pH/redox (optional free chlorine measurement)
- ▶ Measurement of pressure in the system
- ▶ Measurement of the volume flow by means of digital FlowVis
- ▶ Dosing of water care products
- ▶ Water level regulation
- ▶ Regulation of the pool temperature
- ▶ Addition of flocculants
- ▶ Control of UV systems
- ▶ Attraction control (underwater spotlights, pool cover, etc.)

In order to be able to use the full range of functions of the BEHNCKE SPACE, we recommend to connect to the Internet. Either integrate the control into your home network using the available Internet connection or via an optionally device GSM router. Please refer to the appropriate accessories on page 93.



Image includes Floc Dos pump, this is not included in the scope of delivery. BEHNCKE Floc Dos pump can be ordered as an optional accessory for dosing flocculant.

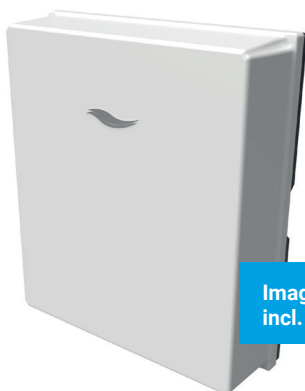


Image incl. cover

Item	Art. No.	GR	€ RRP w/o VAT
BEHNCKE SPACE	390 126 15	8	5.490,00



Accessories for BEHNCKE SPACE

The following accessories are available to extend a BEHNCKE SPACE control unit (390 126 15).

Item	Art. No.	GR	€ RRP w/o VAT
SPACE GSM Router	390 126 01	8	450,00
SPACE extension module	390 126 02	8	550,00
Solenoid valve brass, 24 V / 50-60 Hz. incl. reducers G ¾" AG x ½" IG	390 126 04	8	162,00
DA-GEN SPACE 45	390 126 05	8	1.615,00
DA-GEN SPACE 90	390 126 06	8	1.965,00
DA-GEN SPACE 150	390 126 07	8	2.655,00
DA-GEN sacrificial anode DN50/63 mm	390 126 08	8	190,00
SPACE control kit salinity with conductivity measurement	390 126 17	8	640,00
Energy Meter 230 Volt IOT	390 126 09	8	270,00
Energy Meter 400 Volt IOT	390 126 10	8	340,00
H2Flow flow metre digital d63 mm	390 126 11	8	270,00
H2Flow flow metre digital d75 mm	390 126 12	8	270,00
SPACE FlowVis digital sensor kit with 8 metre cable	390 126 31	8	690,00
Water level regulator for collection tank for overflow pool	390 126 13	8	240,00
Water level regulator for skimmer pool	390 126 14	8	150,00
Floc Dos pump Stenner 3,2-240 ml incl. dosing accessories	390 122 07	8	550,00
ZPM DN 50-2 / screw connection with adhesive socket D63	951 600 20	8	255,00

Individual components BEHNCKE SPACE

You can use the following articles to individually configure your remounted SPACE control unit.

Item	Art. No.	GR	€ RRP w/o VAT
BEHNCKE SPACE Data Control Connection Unit	390 126 00	8	2.950,00
SPACE GSM Router	390 126 01	8	450,00
SPACE extension Module	390 126 02	8	550,00
SPACE pH and redox sensor with 4 m cable -salt water	390 126 33	8	350,00
SPACE pH and redox sensor with 4 m cable	390 126 34	8	350,00
SPACE Free chlorine measurement incl. BAMA	890 200 10	8	2.610,00
Solenoid valve brass, 24 V / 50-60 Hz. incl. reducers G ¾" AG x ½" IG	390 126 04	8	162,00
DA-GEN SPACE 45	390 126 05	8	1.615,00
DA-GEN SPACE 90	390 126 06	8	1.965,00
DA-GEN SPACE 150	390 126 07	8	2.655,00
DA-GEN sacrificial anode DN50/63 mm	390 126 08	8	190,00
SPACE control kit salinity with conductivity measurement	390 126 17	8	640,00
Energy metre 230 Volt IOT	390 126 09	8	270,00
Energy metre 400 Volt IOT	390 126 10	8	340,00
H2Flow flow metre extension cable (8 m)	390 126 16	8	270,00
Water level regulator for collection tank for overflow pool	390 126 13	8	240,00
Water level regulator for skimmer pool	390 126 14	8	150,00
Holding rail Level control Space	390 126 26	8	23,60
Floc Dos pump Stenner 3,2-240 ml incl. dosing accessories	390 122 07	8	550,00
ZPM DN 50-2 / screw connection with adhesive socket D63	951 600 20	8	255,00
Connect base plate for mounting control units	890 200 01	8	245,00
Drilling template for BEHNCKE SPACE base plate	890 200 06	0	12,80
Connect cover for Connect base plate	890 200 04	8	245,00

NEW!

BEHNCKE SPACE EVOLUTION

Complete and optimal management of your pool!

The BEHNCKE SPACE is more than a classic swimming pool control system. This control device allows you to monitor your pool in real time, at home and from anywhere in the world. Thanks to the integrated artificial intelligence, the controller constantly analyses and controls all the parameters of your pool to reduce operating costs and possible waste of resources..

More than just automation:

The algorithms specially programmed for the control unit get to know your pool in order to optimise the processes by means of machine learning. Getting to know your pool in order to optimise all processes by means of machine learning. . The goal of SPACE is efficient, sustainable and make it truly autonomous!

State-of-the-art technology:

By using the most modern probes and sensors, is an efficient unparalleled reliability of measurements, such as pH/redox, pool and outside temperature, system pressure or the various water levels. The use of this technology in conjunction with machine learning enables a maximum of precision and thus a continuous optimisation of your pool!

Compact installation:

The automatic 6-way valve specially developed for the SPACE EVOLUTION allows the temperature and pressure sensors as well as the probes for pH and redox measurement to be accommodated. This means that no additional sample water control line needs to be provided in the system..

Function overview:

- ▶ Control of speed-controlled pumps
- ▶ Control of bar valves for automatic backwashing and rinsing
- ▶ Measurement of pH/redox (optional free chlorine measurement)
- ▶ Measurement of pressure in the system
- ▶ Measurement of the volume flow by means of digital FlowVis
- ▶ Dosing of water care products
- ▶ Water level regulation
- ▶ Regulation of the pool temperature
- ▶ Addition of flocculants
- ▶ Control of UV systems
- ▶ Attraction control (underwater spotlights, pool cover, etc.)

In order to be able to use the full range of functions of the BEHNCKE SPACE, we recommend to connect to the Internet. Either integrate the control into your home network using the available Internet connection or via an optionally device GSM router. Please refer to the appropriate accessories on page 93.



Item	Art. No.	GR	€ RRP w/o VAT
BEHNCKE SPACE EVOLUTION 1 1/2" with pressure and temperature sensors	390 126 19	8	2.990,00
BEHNCKE SPACE EVOLUTION 2" with pressure and temperature sensors	390 126 20	8	3.190,00



Accessories for BEHNCKE SPACE

The following accessories are available to extend a BEHNCKE SPACE EVOLUTION control unit (390 126 19 / 390 126 20).



Extension module
(390 126 02)



H2Flow flow meter digital
(390 126 11 / 390 126 12)



DA GEN SPACE
(390 126 05 / 390 126 06 / 390 126 07)

Item	Art. No.	GR	€ RRP w/o VAT
SPACE EVOLUTION pH and Redox Sensor Kit	390 126 21	8	295,00
SPACE filter connection set 1 1/2" for BEHNCKE filters	390 126 22	8	24,00
SPACE filter connection set 2" for BEHNCKE filters	390 126 23	8	75,00
Solenoid valve brass, 24 V / 50-60 Hz. incl. reducers G 3/4" AG x 1/2" IG	390 126 04	8	162,00
DA-GEN SPACE 45	390 126 05	8	1.615,00
DA-GEN SPACE 90	390 126 06	8	1.965,00
DA-GEN SPACE 150	390 126 07	8	2.655,00
DA-GEN sacrificial anode DN50/63 mm	390 126 08	8	190,00
Energy metre 230 Volt IOT	390 126 09	8	270,00
Energy metre 400 Volt IOT	390 126 10	8	340,00
H2Flow flow metre digital d63 mm	390 126 11	8	270,00
H2Flow flow metre digital d75 mm	390 126 12	8	270,00
SPACE FlowVis digital sensor kit with 8 metre cable	390 126 31	8	690,00
Water level controller for collection tank for overflow pool	390 126 13	8	240,00
Water level regulator for skimmer pool	390 126 14	8	100,00
Holding rail Level control Space	390 126 26	8	23,60
Peristaltic pump 1.5 bar/1.6 ltr DF2A	708 930 00	15	357,15
Injection valve PCB, R1/2-1/4 for peristaltic pump	730 190 32	15	74,33
- only while stocks last -			
Dosing line PVC hose 10 x 4 mm, 10 m	390 184 12	8	15,98
BEHNCKE suction lance	730 190 55	8	145,34
Floc Dos pump Stenner 3,2-240 ml incl. dosing accessories	390 122 07	8	550,00
ZPM DN 50-2 / screw connection with adhesive socket D63	951 600 20	8	255,00
Connect base plate for mounting control units	890 200 01	8	245,00
Connect cover for Connect base plate	890 200 04	8	245,00

UV disinfection



Illustration
similar

UV-Matic Smart + / UV-Matic Comfort + (AISI 316) UV system series for the treatment of fresh water in private swimming pools with ozone-generating emitters

Physical UV disinfection keeps your swimming pool and whirlpool largely free of environmentally harmful chemicals as it only requires minimal depot disinfection. The UV-C lamps emit short-wave ultraviolet radiation (253.7 nm), which neutralises bacteria, viruses, other organisms and prevents them from reproducing. This even works if the organisms have become resistant to other disinfection methods.

Equipment UV-Matic Smart +

- ▶ Operating hours counter + operating switch on/off
- ▶ Separate UV tube + immersion tube
- ▶ Voltage 230 V
- ▶ **FOR WALL MOUNTING ONLY**

Equipment UV-Matic Comfort +

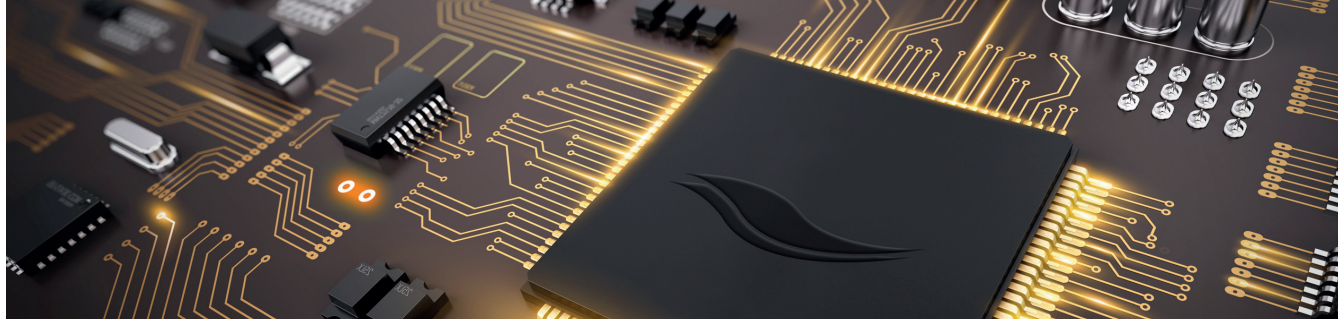
- ▶ Operating hours counter + operating switch on/off
- ▶ 2 indicator lamps (cleaning + lamp change)
- ▶ UV tube + immersion tube separate
- ▶ Voltage 230 V
- ▶ **FOR WALL MOUNTING ONLY**

Item	Tank inner Ø mm	Height mm	Pool cont. up to appr. m³	Output m³/h	UV cap. Input/Output	Pipe connection	Extract of the UV lamp	Weight kg	Art. No.	GR	€ RRP w/o VAT
UV-Matic Smart + 25	114 mm	1000	20 – 75	5 – 15	80 W/27 W	1½"	845	12,5	260 800 4	8	2.590,00
UV-Matic Smart + 35	139 mm	1000	75 – 125	15 – 25	120 W/35 W	2"	860	15,5	260 120 47	8	3.028,00
UV-Matic Smart + 48	139 mm	1650	125 – 200	25 – 40	320 W/105 W	3"	1.150	23	260 200 11	8	4.090,00

Item	Tank inner Ø mm	Height mm	Pool cont. up to appr. m³	Output m³/h	UV cap. Input/Output	Pipe connection	Extract of the UV lamp	Weight kg	Art. No.	GR	€ RRP w/o VAT
UV-Matic Comfort + 25	114 mm	1000	20 – 75	5 – 15	80 W/27 W	1½"	845	12,5	134 301	8	2.750,00
UV-Matic Comfort + 35	139 mm	1000	75 – 125	15 – 25	120 W/35 W	2"	860	15,5	134 302	8	3.436,00
UV-Matic Comfort + 48	139 mm	1650	125 – 200	25 – 40	320 W/105 W	3"	1.150	23	134 303	8	4.295,00

Replacement UV-Tube

Item	UV cap. Input/Output	Art. No.	GR	€ RRP w/o VAT
UV-Matic A 20	HG 66 W	128 00 08	10	186,00
UV-Matic A 25 / B 25 / C 25	HG 80 W	128 00 14	10	125,00
UV-Matic A 35 / B 35	HGA 120 W	128 00 11	10	245,00
UV-Matic A 48 / B 48	HGA 200 W	128 00 12	10	335,00

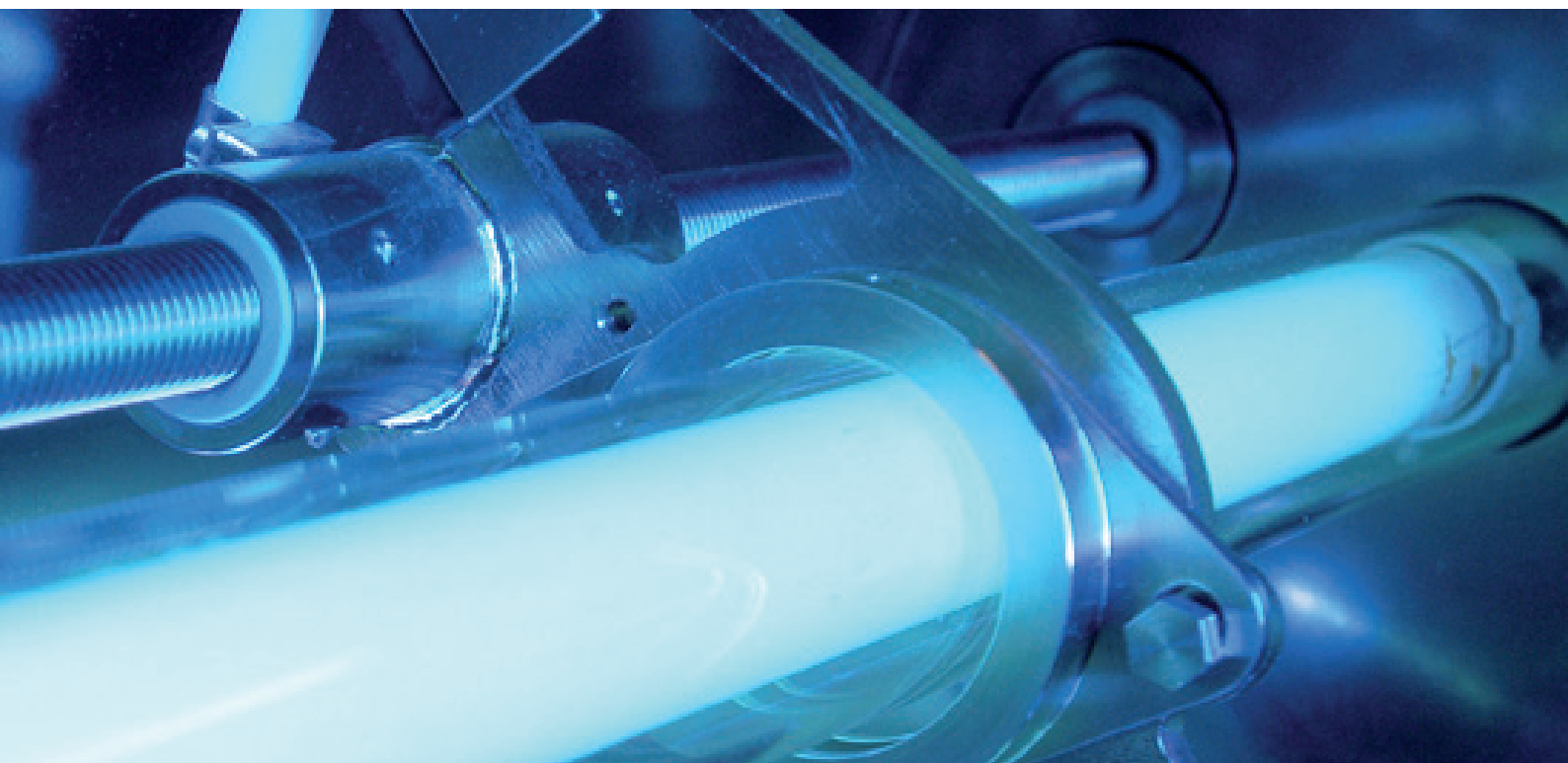


Replacement UV-Tube, ozone-forming

Item	UV cap. Input/Output	Art. No.	GR	€ RRP w/o VAT
UV-Matic Smart + 25, Comfort + 25	HGN 80/4	128 00 15	10	250,00
UV-Matic Smart + 35, Comfort + 35	HGN 120/4	128 00 16	10	304,00
UV-Matic Smart + 48, Comfort + 48	HGN 320/4	128 00 17	10	500,00

Replacement UV immersion tube with screwed flange

Item	UV cap. Input/Output	Art. No.	GR	€ RRP w/o VAT
UV-Matic A 20-35 / B 25-35 / C 25	Length UV immersion tub 920 mm	128 00 90	10	252,00
UV-Matic A 48 / B 48	Length UV immersion tub 1200 mm	128 00 91	10	269,00
Return screw flange credit note of: 55,65 Euro		128 00 35		55,65



Attention!

Attention old UV versions up to year of manufacture 03/2009, other UV tubes or UV immersion tubes on request.

UV disinfection



Illustration
similar

ABOX® PE - UV system series made of polyethylene (HD) for the treatment of salty water in private swimming pools

Principle:

The sun emits a type of light that is imperceptible to the eye — ultraviolet rays. This natural phenomenon is reproduced artificially in the radiation chambers of the various BEHNCKE/ABOX® product ranges using high-performance, high-tech lamps that generate UV-C rays. At 254 nanometres, what is the optimal wavelength for destroying microorganisms (viruses, bacteria, algae, yeasts, moulds, etc.), the UV-C rays penetrate into the centre of the DNA and impair the metabolism of the cells until they are finally destroyed. This inactivates the microbes (including Legionella and Cryptosporidium) and prevents them from multiplying.

Efficient Dosage:

The dimensioning of the different BEHNCKE/ABOX® UV chambers depends on the pump capacity, because the ideal dose (expressed in millijoules per square centimetre/mJ/cm²) for 99,9 % destruction of all micro-organisms (bacteria, viruses, floating algae, etc.) depends on the interaction of the exposure time in the irradiation chamber and the lamp intensity.

Equipment ABOX® PE

- ▶ Operating hours counter + operating switch on/off
- ▶ Separate UV tube + immersion tube
- ▶ Voltage 230 V
- ▶ Housing made of polyethylene (HD)
- ▶ **FOR WALL MOUNTING ONLY**

Item	Dimension Ø x Height mm	Q max m ³ /hT; 98% 250 J/m ²	Radiator output W	Nominal power W	Radiant flux in kW 253.7	Pipe connection	Art. No.	GR	€ RRP w/o VAT
ABOX® PE 16	50 x 500	3,00	1 x 16	25	4,8	R 1"	125 00 16	10	1.503,00
ABOX® PE 25	90 x 650	5,20	1 x 25	40	8,6	R 1"	125 00 25	10	1.926,00
ABOX® PE 64	125 x 1100	10,00	1 x 64	75	25	R 1½"	125 00 64	10	2.025,00
ABOX® PE 80	125 x 1100	15,00	1 x 80	80	27	R 2"	125 00 80	10	2.286,00
ABOX® PE 120	125 x 1100	25,00	1 x 120	135	35	R 2"	125 01 20	10	2.430,00
ABOX® PE 200	140 x 1300	40,00	1 x 200	210	60	R 3"	125 02 00	10	3.384,00

Treatment of freshwater and saline corrosive water BEHNCKE/ABOX® UV unit series for freshwater AISI 316 L

UV controller with operating hours counter.

Item	Dimension Ø x Height mm	Q max m ³ /hT; 98% 250 J/m ²	Radiator output W	Nominal power W	Radiant flux in kW 253.7	Pipe connection	Art. No.	GR	€ RRP w/o VAT
ABOX® S 25	88 x 600	5,20	1 x 25	40	8,6	R 1"	126 00 25	10	on request
ABOX® S 80	114 x 1100	15,00	1 x 80	80	27	R 2"	126 00 80	10	on request
ABOX® S 120	114 x 1100	25,00	1 x 120	135	35	R 2"	126 01 20	10	on request
ABOX® S 200	139 x 1200	40,00	1 x 200	210	60	R 3"	126 02 00	10	on request

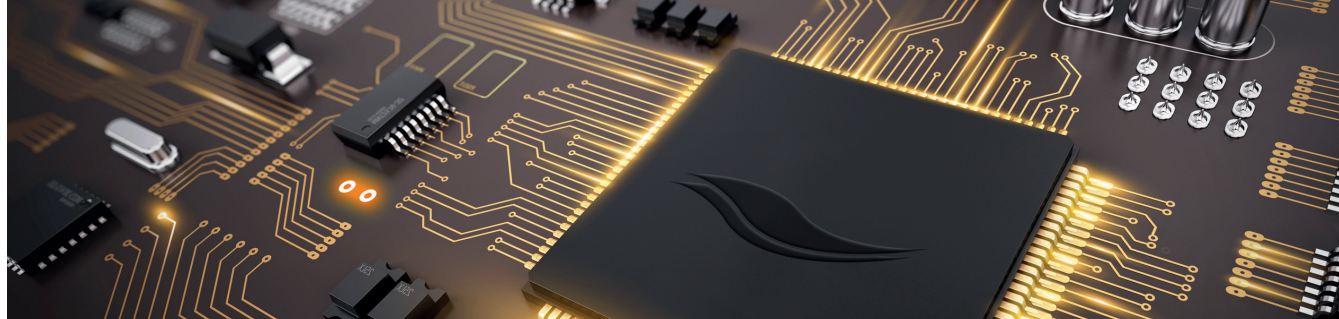


Illustration
similar

ABOX® MS - The new MS medium pressure systems for the disinfection of public swimming pools

Degradation of chloramines or ozone:

- ▶ UV medium-pressure lamps with optimised wave spectrum, for monochloramine, dichloramine and trichloramine degradation
- ▶ Stainless steel reactor with project-specific flow optimisation horizontal installation position
- ▶ Modular design of ABOX® MS reactors from 2 to 10 kW lamp power
- ▶ Selection of modifiable UV medium pressure lamps with regard to doping and thus spectral properties

For individual and modular construction, the systems consist of:

- ▶ Stainless steel reactor with project-specific flow optimisation installation position horizontal, material stainless steel 1,4571/1,4404
- ▶ Radiator protection tube made of special quartz with highest transmission
- ▶ Centrally arranged UV medium-pressure radiator with special emission spectra
- ▶ UV intensity monitoring in the UV-C range, display and signal output
- ▶ Temperature monitoring in the UV reactor
- ▶ Separate control cabinet

Equipment ABOX® MS Standard (S)

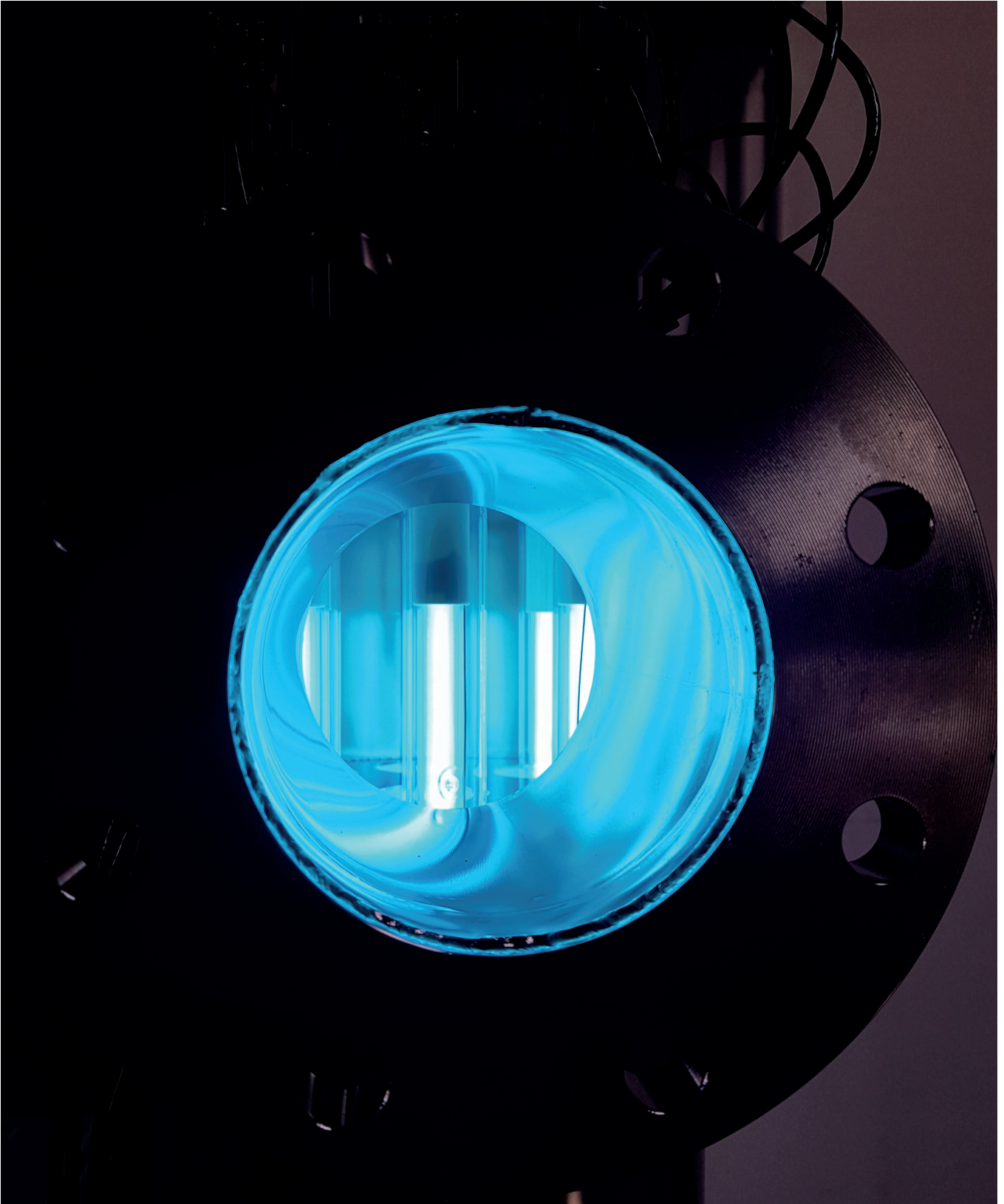
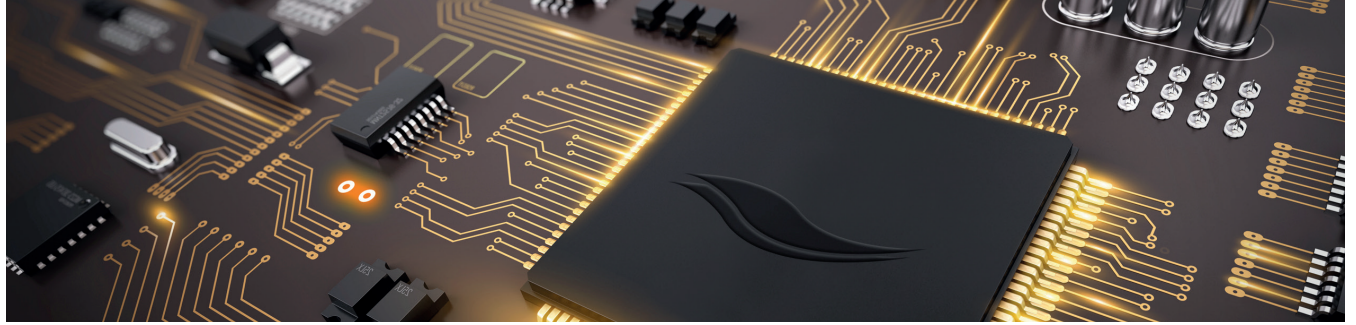
- ▶ Switch cabinet with UV intensity display
- ▶ ECG with soft start/dimmable
- ▶ Temperature monitoring
- ▶ Signal output
- ▶ Remote control input

Item	Dimension (L x W) mm	Q max m ³ /h T; 98 %; 600 J/m ²	Pipe connection	Art. No.	GR	€ RRP w/o VAT
ABOX® MS 1 (S)	600 x 300	24	DN 80	124 00 14	10	9.900,00
ABOX® MS 2 (S)	600 x 300	42	DN 80	122 00 02	10	10.224,00
ABOX® MS 3 (S)	750 x 380	131	DN 150	122 00 03	10	11.880,00
ABOX® MS 5 (S)	850 x 400	247	DN 200	122 00 05	10	18.180,00

UV disinfection

BEHNCKE ABOX® spare parts UV technology

Item	For article	Art. No.	GR	€ RRP w/o VAT
UV-lamp HG 4/4 W	ABOX® S 4	128 00 00	10	36,70
UV-lamp HG 6/4 W	ABOX® S 6	128 00 01	10	36,70
UV-lamp HG 8/4 W	ABOX® S 8	128 00 02	10	36,70
UV-lamp HG 11/4 W	ABOX® S 11, WAS 500	128 00 03	10	39,80
UV-lamp HG 16/4 W	ABOX® S 16, WAS 1000	128 00 04	10	42,00
UV-lamp HG 25/4 W	ABOX® S 25, PE 25	128 00 05	10	145,00
UV-lamp HG 40/4 W	ABOX® S 40	128 00 07	10	132,00
UV-lamp HG 60/4 W	ABOX® S 64/180, UV-Matic A 20	128 00 08	10	179,70
UV-lamp HG 80/4 W	ABOX® S 80/240, UV-Matic A 25, B 25, C 25	128 00 14	10	117,60
UV-lamp HGA 60/4 W	ABOX® S 120/360/480/600/840/960	128 00 10	10	220,00
UV-lamp HGA 125/4 W	PE 120, UV-Matic A 35, B 35	128 00 11	10	240,45
UV-lamp HGA 200/4 W	ABOX® S 200/1.600/C 200, PE 200, UV-Matic A 48, B 48	128 00 12	10	323,40
UV-lamp HGA 300/4 W	ABOX® S 300, 3.600	128 00 13	10	314,00
Quartz protection tube 315	ABOX® S 6/11	128 00 20	10	49,00
Quartz protection tube 385	ABOX® S 8/16, PE 16	128 00 21	10	51,40
Quartz protection tube 500	ABOX® S 25/40, C 60, PE 25	128 00 22	10	57,50
Quartz protection tube 1000	ABOX® S 36/64/80/120/160/240/360/480/600/840/960	128 00 23	10	121,00
Quartz protection tube 1200	ABOX® S 200/1.400/1.600/1.800, C 200/600, PE 200, UV-Matic A 48	128 00 24	10	131,50
Quartz protection tube 1600	ABOX® S 300, 3000	128 00 25	10	161,00
Venting valve	all ABOX® S and UV-Matic types	128 00 30	10	13,30
Drain plug	all ABOX® S and UV-Matic types	128 00 31	10	6,20
Inspection window 1/4"	all ABOX® S types	128 00 32	10	4,60
Inspection window 1	all ABOX® and UV-Matic B serie	UM-14013	10	7,90
Protective cap plastic with PG	all ABOX® S types, PE 25/60/80	128 00 33	10	25,50
Four-Pin coupling	all ABOX® S and UV-Matic types	128 00 34	10	7,35
Screw connection flange 60 mm (head piece) incl. V4 cap nut	ABOX® S4-6/36/64/80/120/180/240/360/480/600/840/960	128 00 35	10	104,00
Gasket kit standard 60 mm	ABOX® S4-16/36/64/80/120/180/240/360/480/600/840/960	128 00 36	10	21,40
Screw connection flange 68 mm (head piece) incl. V4 cap nut	ABOX® S 200/300/C 200, PE 200, UV-Matic A 48	128 00 37	10	104,80
Gasket kit standard 68 mm	ABOX® S 200/300/C 200, PE 200, UV-Matic A 48	128 00 38	10	21,60
Monitoring unit S Standard	all ABOX® S types	128 00 39	10	952,00
EVG 60 W	ABOX® S 60	128 00 62	10	221,00
EVG 120 W	ABOX® S 120/360/480/600/840/960	128 00 63	10	255,00
EVG 200 W	ABOX® S 200/1.000/1.600/2.000, C 200/600	128 00 64	10	255,00
Spotlight cable standard, complete 4 m	all Abox® S/C/PE and UV-Matic B types	128 00 73	10	33,15
UV sensor SUV with cable gland IP 65	ABOX® S	132 310	10	340,00
UV sensor cable with screw connection IP 65	ABOX® S	128 00 76	10	77,50
UV sensor ÖVGW with cable	all ABOX® S types	128 00 77	10	783,00
UV monitor UVT ÖVGW/DVGW	ABOX® C u. SSystems with UV monitoring	128 00 78	10	836,00
Taking back used Abox® components	all ABOX® S types	128 00 82	10	4,10



BME - BEHNCKE MEMBRANE ELECTROLYSIS

NEW!

BME - BEHNCKE MEMBRANE ELECTROLYSIS Preparation of a disinfectant solution from salt

With an electrolysis device, the required amount of disinfectant can be produced on site in a simple and inexpensive way from harmless salt and perfectly dosed.

The continuous dosing of highly effective chlorine in the form of hypochlorous acid ensures that the right amount of active chlorine is present in the water at all times. This means that even people with sensitive skin can take a bath. Eye and skin irritations as well as unpleasant swimming pool odours are avoided. The cost of producing active chlorine with an electrolysis system is significantly lower than the price of procuring commercially available chlorine bleaching lye. The need for pH-regulating care products is drastically reduced. This reduces the risk of accidents. Due to the modern membrane cell technology, the bath water is not salinated.

POOL CHEMICALS

Safe and resource-saving

- ▶ No handling of hazardous chemicals
- ▶ No chlorine odour & no salinisation
- ▶ Highest and most reliable disinfection effect
- ▶ No burning eyes & no irritation of tissues
- ▶ No chemical exposure & no irritation of the respiratory tract

ECONOMIC EFFICIENCY

An upgrade for your pool

- ▶ Low operating costs
- ▶ Modern membrane cell technology
- ▶ Made in Germany

BME INTEGRATION

The electrolysis unit is connected to the pool water and does not require a fresh water connection. Part of the pool water is used to absorb the disinfectant produced, which is fed into the circulation line by means of an injector. This means that no additional dosing pump is required.

The extraction is monitored and if the quantity falls below a minimum level, production is switched off. Due to the arrangement of the cell under there is no danger from placing escaping chlorine under water. In addition, there is an optional chlorine gas sensor for monitoring the room air gap. The system can be mounted using the optionally available wall brackets and the salt dissolving tank placed underneath. The unit is mounted on a wall mounting plate under the cover and the salt dissolving tank placed underneath.

AREAS OF APPLICATION

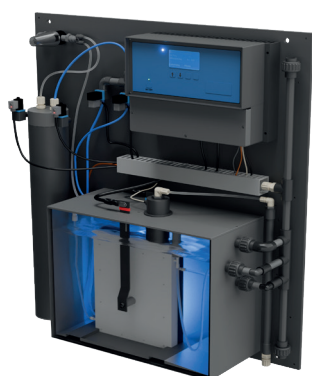
- ▶ Outdoor pools
- ▶ Indoor swimming pools
- ▶ Therapy baths
- ▶ Hot tubs
- ▶ Fountains
- ▶ Water playgrounds
- ▶ Disinfection of process water for industry

AVAILABLE

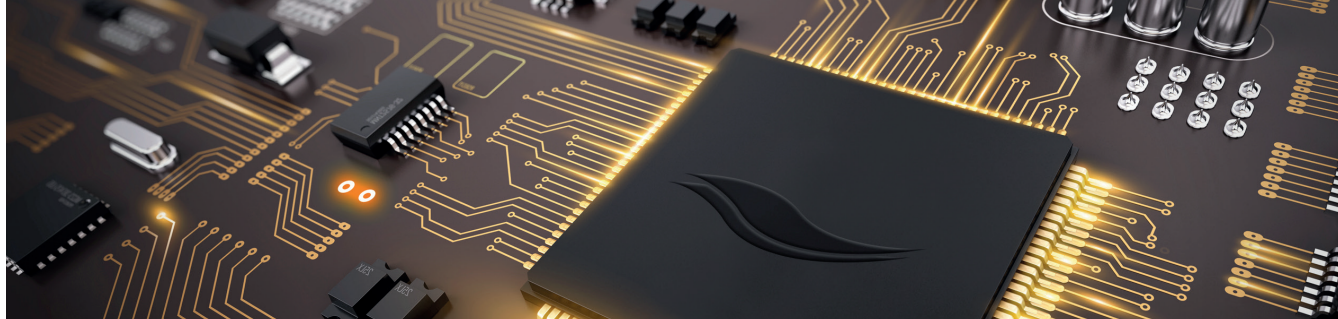
- ▶ Cover (not included in the scope of delivery)
- ▶ Wall mounting plate included
- ▶ Injector included



incl. Wall
mounting plate



Item	Art. No.	GR	€ RRP w/o VAT
BEHNCKE MEMBRANE ELECTROLYSIS Typ 24	400 000 02	10	9.491,00
BEHNCKE MEMBRANE ELECTROLYSIS Typ 48	400 000 00	10	12.148,00
BEHNCKE MEMBRANE ELECTROLYSIS Typ 100 - Kompakt	400 000 03	10	15.517,00
Cover for plate	890 200 04	8	245,00



Technical data - BME - BEHNCKE MEMBRANE ELECTROLYSIS

MEMBRANE ELECTROLYSIS		BME 24	BME 48	BME 100
Nominal power	g Cl ₂ /h	24	48	100
Water consumption 1 bar at 100%	l/h	1,0	2,0	5
Salt consumption 24h with 100%	kg/Day	3	6	10
Concentration of the solution Cl ₂	g Cl ₂ /h	0,6	0,8	0,8
Hydrogen at 100%	l/h	10	20	50
Flow rate through float chamber	l/h	40	60	120

PVC MOUNTING BOARD				
Height	mm	800	800	800
Wide	mm	700	700	700
Depth	mm	250	250	250
Weight	kg	25	30	35

HOUSING FOR POWER SUPPLY / CONTROL				
Height	mm	220	220	220
Wide	mm	280	280	280
Depth	mm	112	125	125
Weight	kg	5	6	6

SALT DISSOLVING TANK				
Content salt dissolving tank	l	90	90	90
Salt capacity	kg	75	75	75

CONNECTIONS				
Hydrogen discharge	DN	10	10	10
Power connection (50Hz)	V/AC	230	230	230
Electrical power consumption	VA	100	260	520

Accessories - BME - BEHNCKE MEMBRANE ELECTROLYSIS

Item	Art. No.	GR	€ RRP w/o VAT
Revision ion exchanger type 24/48/100 K	400 000 20	10	141,00
Chlorine gas sensor, for all types	400 000 19	10	1.014,00
1 pair of solenoid valves 230 V, incl. screw fitting	400 000 18	10	687,00
Revision electrolytic cell type 100 K	400 000 17	10	713,00
Revision electrolytic cell type 48	400 000 16	10	409,00
Revision electrolytic cell type 24	400 000 15	10	276,00
Replacement hose package for all types	400 000 14	10	42,00
Spare parts set for 3-yearly maintenance, Membrane electrolysis type 100 K	400 000 13	10	848,00
Spare parts set for 3-yearly maintenance, Membrane electrolysis type 48	400 000 12	10	484,00
Spare parts set for 3-yearly maintenance, Membrane electrolysis type 24	400 000 11	10	298,00
Spare parts set for annual maintenance, Membrane electrolysis type 24/48/100 K	400 000 10	10	67,00

Test equipment



Photometer PM 630 in a case



From (A)lkalinity to (W)ater peroxide, the most important parameters of the pool water can be measured. In addition to the total of 34 measurable parameters, a Bluetooth connection for data transfer is also available. The following test tablets are included in the scope of delivery: DPD No. 1, DP No. 3, Phenolred, Cyanuric acid.

Item	Art. No.	GR	€ RRP w/o VAT
Photometer PM 630 in a case with accessories and Bluetooth	390 103 15	0	968,00



Water tester photometer MD200 + 6 in 1

Measuring ranges:

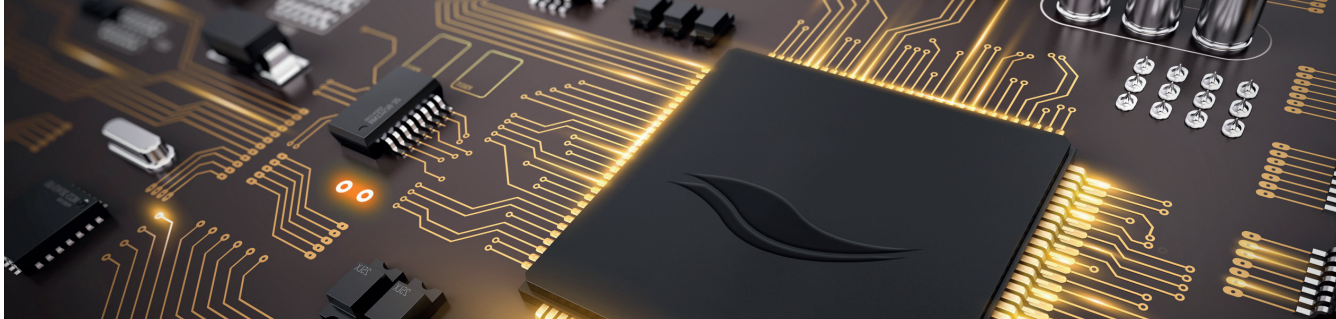
Chlorine, pH value, cyanic acid, total alkalinity (CaCO_3), copper, iron, chlorine 0.01 - 6.0 mg/l; pH 6.5 - 8.4; cyanic acid 2 - 160 mg/l, total alkalinity 5 - 200 mg/l CaCO_3 ; copper 0.05 - 5 mg/l; iron 0.02 - 1.0 mg/l.

Item	Art. No.	GR	€ RRP w/o VAT
Water tester photometer checkit direct + 6 in 1	391 103 10	8	945,00

Water tester MD200 3 in 1 photometer

CL-pH-CYS in a case.

Item	Art. No.	GR	€ RRP w/o VAT
Water tester PC checkit photometer	390 103 16	8	559,00



Water tester pool tester chlorine/bromine/pH

Pool tester chlorine/bromine/pH measures free chlorine/bromine and pH value in a simple and safe way. Complete with 20 tablets each. The tablets are packed in aluminium and have a shelf life of 5 years.

Item	Art. No.	GR	€ RRP w/o VAT
Chlorine/pH	391 103 12	8	22,20



Pool tester SCUBA II

Floatable, waterproof and definitely a useful little helper for the pool: The Scuba II is the ideal companion for private pool owners during the swimming season. Measure the most important parameters and have the results immediately in your hands.

Measuring range:

Free chlorine, total chlorine, bromine, pH value, alkalinity and cyanuric acid.
The following test tablets are included in the scope of delivery: DPD No. 1, DPD No. 3, phenolred, alka-M, cyanuric acid.

Item	Art. No.	GR	€ RRP w/o VAT
Pool tester SCUBA II	390 103 19	10	139,50

Test kit for determining total and carbonate hardness

Item	Art. No.	GR	€ RRP w/o VAT
Test kit	390 103 49	10	11,05

Test equipment



Water tester refill packs

Further parameters on request.

Item	Art. No.	GR	€ RRP w/o VAT
30 DPD No. 1 and 30 phenolred f. pool tester chlorine pH	391 103 02	8	13,80
Refill Pack DPD No. 1 (500 pieces) for photometer	390 103 22	8	70,80
Refill Pack DPD No. 3 (500 pieces) for photometer	390 103 26	8	70,80
Refill pack Phenolred (500 pieces) for photometer	390 103 30	8	70,80
Refill Pack DPD No. 1 (500 pieces) for pool tester	390 103 34	8	70,80
Refill Pack DPD No. 3 (500 pieces) for pool tester	390 103 38	8	70,80
Refill pack phenolred (500 pieces) for pool tester	390 103 42	8	79,00
Refill Pack DPD No. 1 (100 pieces) for photometer	390 103 20	8	24,90
Refill Pack DPD No. 3 (100 pieces) for photometer	390 103 24	8	24,90
Refill pack phenolred (100 pieces) for photometer	390 103 28	8	24,90
Refill Pack DPD No. 1 rapid (100 pieces) for pool tester	390 103 32	8	24,90
Refill pack phenolred rapid (100 pieces) for pool tester	390 103 40	8	24,90
Aluminium refill (100 pieces)	390 103 43	10	83,10
Phosphate refill (100 pieces)	390 103 44	10	123,60
Refill pack iron No. 2 (100 pieces)	390 103 45	10	91,90
Refill pack iron No. 1 (100 pieces)	390 103 46	10	91,90
Copper refill (100 pieces)	390 103 47	10	131,50
Refill pack SCUBA II	390 103 48	10	14,35



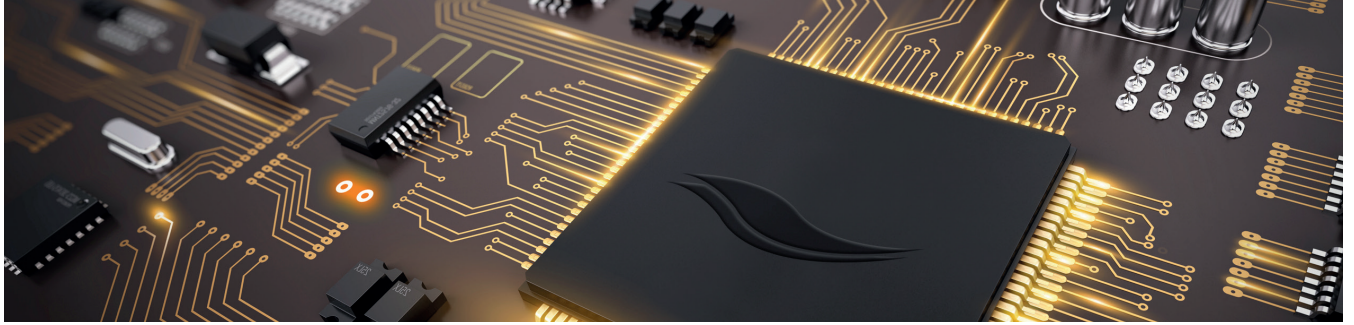
Chemicals collection tray

The newly designed chemicals collection trays can be perfectly matched to the colour of your filter tank due to the free choice of colour* and thus optimally round off the overall appearance of your technical room.

The chemicals collection trays have a collection volume of approx. 50 L and a shelf life of at least 72h, when using the chemicals distributed by BEHNCKE.

* Own RAL colours are possible from a minimum order quantity of 10 pieces. Please contact your sales representative in this regard.

Item	Art. No.	GR	€ RRP w/o VAT
RAL 7035 / RAL 7035 light grey	890 000 00	6	102,00
RAL 5017 / RAL 7035 blue	890 000 04	6	102,00
RAL 7016 / RAL 7035 anthracite	890 000 05	6	102,00



Technical boxes

Premium technical boxes

The practical and elegant solution for the above-ground installation of your pool technology.



Image silver grey

Technology boxes are only available in the following colours:

Silver grey

Anthracite

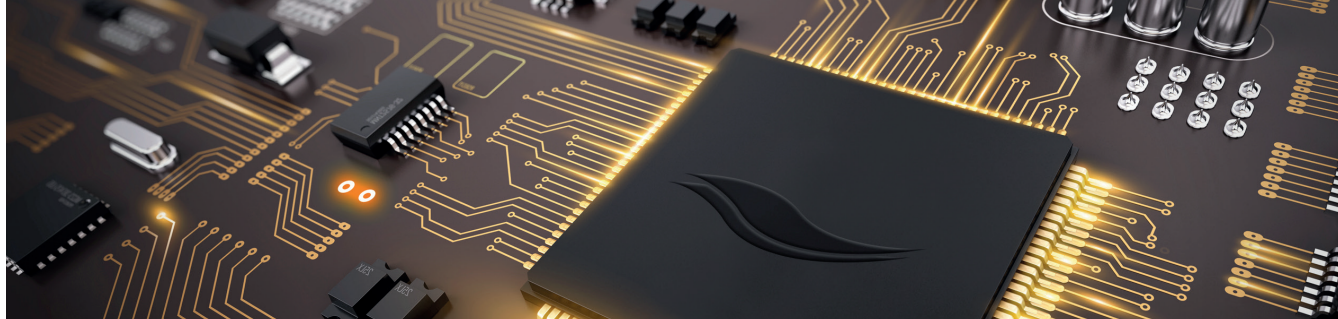


Image anthracite

Outer dimensions silver grey:
H 108 x B 205 x T 106 cm

Outer dimensions anthracite:
H 106 x B 151 x T 101 cm

Item	Colour		Art. No.	GR	€ RRP w/o VAT
Technical boxes	silver grey	- only while stocks last -	890 001 15	10	2.950,00
Technical boxes	anthracite		890 001 24	10	2.950,00
Single mesh shelf for 108 x 205 x 106 cm			890 001 161	10	396,00
Single mesh shelf for 106 x 151 x 101 cm			890 001 164	10	396,00


NEW!

Technical box Smart

The Technical box Smart is equipped with a Dresden filter 600 mm diameter for 14 m³/h each and comes with a 6-way backwash valve, a standard filter pump and DULCOPOOL measuring and control technology. Optionally, you can add a solar control or a heat pump for optimum pool heating. The probe package 397 000 10 must be ordered in addition to the Smart technology box.

- ▶ **Outer dimensions:** H 106 x B 151 x T 101 cm
- ▶ The technology box has a powder-coated aluminum frame, riveted like in aircraft construction, and the sandwich panels are steel elements with PUR foam filling
- ▶ **Weight:** approx. 330 kg
- ▶ Storage trays and dosing container are not included in the scope of delivery

Technology box
available in colour:

Anthracite



Note for the Technical box Smart, Pro and SPACE

Our technical box was specially developed for outdoor use. Due to the production process, slight irregularities in the surface and uneven gaps are unavoidable with these outdoor products and do not represent a quality defect. We would like to adjust your expectations accordingly and emphasise that these small irregularities have no influence on the functionality and longevity of your technical box.

Probe packages are
available separately

Outer dimensions:
H 106 x B 151 x T 101 cm

Item	Art. No.	GR	€ RRP w/o VAT
Technical box Smart600	890 001 26	10	6.553,00
Chemicals drip tray RAL 7035	890 000 00	6	102,00

Technical boxes

NEW!

Technical box with BEHNCKE SPACE equipment

The BEHNCKE SPACE technology box is equipped with a high-quality Dresden² 600 filter, a frequency -controlled circulation pump for adjustable pump output, a 6-way valve for automatic backwashing and Behncke SPACE for simple AI-supported pool control. The control of the pH value in the swimming pool water and the control of the disinfectant content via a measurement ensure the highest hygienic requirements. The pool can be heated either via a solar control system, a highly efficient heat exchanger or a low-noise heat pump suitable for pools. The BEHNCKE SPACE is more than just a classic swimming pool control system. The system enables you to monitor your pool in real time, at home and from anywhere in the world thanks to the integrated artificial intelligence. The algorithms specially programmed for the control unit get to know your pool in order to optimise processes using machine learning. The aim of BEHNCKE SPACE is efficient, sustainable and autonomous management! Due to modern probes and sensors BEHNCKE Space enables you to achieve unrivalled reliability of measurements such as pH/ORP measurements, pool and outside temperature, system pressure or various water levels. The use of this technology in conjunction with machine learning enables maximum precision and therefore continuous optimisation of your pool! The automatic 6-way valve specially developed for the BEHNCKE SPACE EVOLUTION makes it possible to connect temperature and pressure sensors as well as the probes for pH and ORP measurement so that no additional sample water control section needs to be provided.

- **Outer dimensions:** H 106 x B 151 x T 101 cm
- **Weight:** approx. 350 kg
- **Available in the colour:** Anthracite
- Control of speed-controlled pumps
- Control of backwash and rinse via automatic 6-way valve
- Measurement and control of pH/ORP
- Measurement of the pressure in the system
- Measurement of the volume flow using digital FlowVis
- Dosing of water care products
- Water level regulation
- Regulation of the pool temperature
- Addition of flocculant
- Possible control of UV systems (not included in the scope of delivery)
- Possible control of pool attractions (underwater spotlights, pool cover, counter-current, etc. not included in the scope of delivery)
- Swimming pool cleaner are not included in the scope of delivery

Technology box
available in colour:

Anthracite

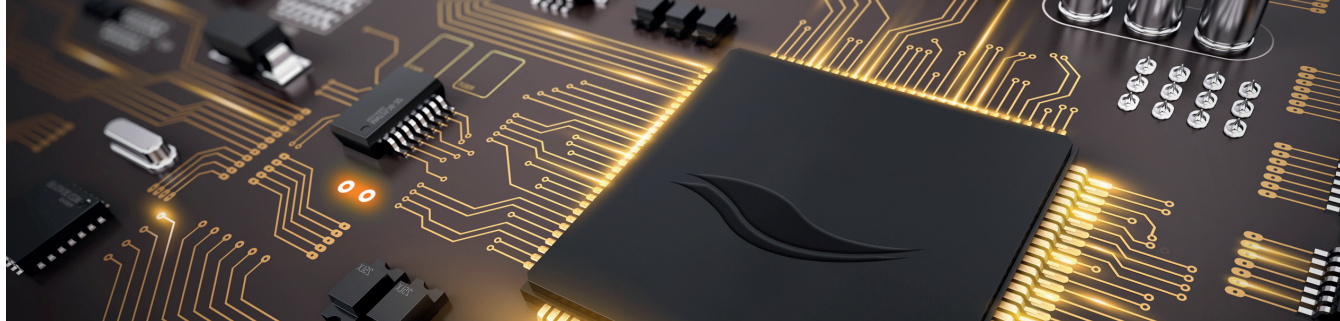
Note for the Technical box Smart, Pro, Pro+ and SPACE

Our technical box was specially developed for outdoor use. Due to the production process, slight irregularities in the surface and uneven gaps are unavoidable with these outdoor products and do not represent a quality defect. We would like to adjust your expectations accordingly and emphasise that these small irregularities have no influence on the functionality and longevity of your technical box.

Outer dimensions:
H 106 x B 151 x T 101 cm

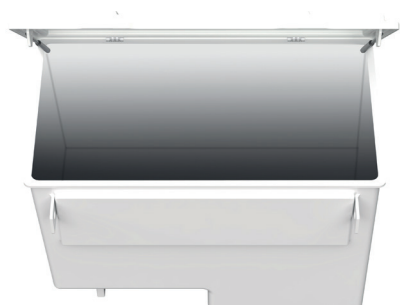
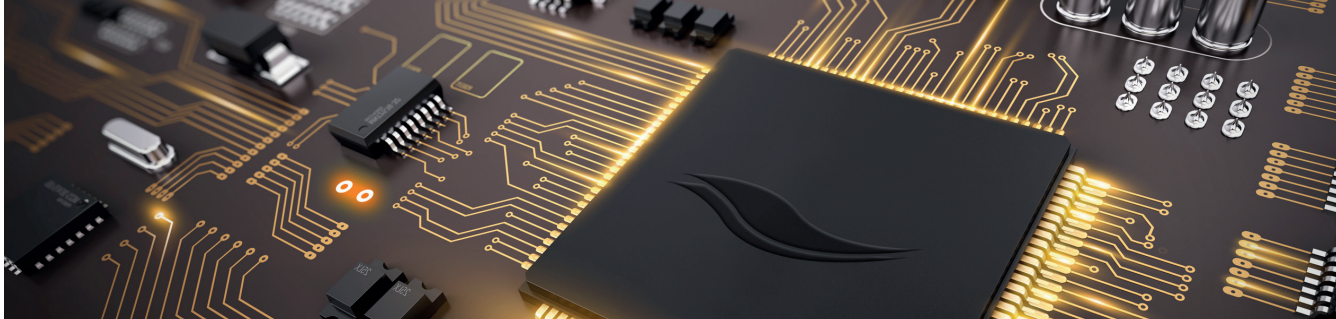


Item	Colour	Art. No.	GR	€ RRP w/o VAT
Technical box BEHNCKE SPACE	anthracite	890 001 25	10	10.795,00



Service shafts





Service shaft empty

The compact and high-quality GRP service shaft Individual enables the specialist dealer to install the most important technical components such as filters, pumps, valves and control technology,

Item	Art. No.	GR	€ RRP w/o VAT
Technical shaft empty	890 001 04	10	1.945,00



Service shaft SMART

The compact and high-quality GRP service shaft enables quick and easy installation of the most important technical components for any type of mini pool up to 30m³ (outdoor pool) / 40m³ (indoor pool). All components such as stainless steel filter, pump, valve and measuring and control technology are supplied pre-assembled and thus enable quick and easy final assembly with the pool installation parts.

Contents:

- ▶ GRP shaft incl. cover and drain 117 x 80 x 65 cm
- ▶ Fully assembled
- ▶ Stainless steel Europa tank D450
- ▶ manual 6-way valve 1 1/2"
- ▶ Speck Smart 8 230 V pump (8m³/h)
- ▶ Prominent Dulcopool for pH/redox measurement/dosing and filter control

Item	Art. No.	GR	€ RRP w/o VAT
Service shaft SMART	890 001 06-24	9	5.569,00



2. INBUILT PARTS

The skimmers manufactured by BEHNCKE in Germany convince not only by their function, but also by their design and durability due to the use of the high-quality raw material AISI 316L stainless steel. The skimmer cleans the water surface and, together with the floor drains, ensures optimum water circulation and perfect water quality in the pool. Dirt particles such as leaves are safely collected in a large-dimensioned basket. A skimmer is an enormously important component in the water treatment of a swimming pool. BEHNCKE offers compact models for small and inexpensive pools, exclusive models with integrated front insert basket for comfortable pools and surface skimmer with extended installation depth, for wide pool edges. If a high water level near the overflow pool is desired, BEHNCKE with the skimmer B500/B600 sets a new standard for Ultimate skimmers.

Icon explanation:



Concrete pools



Sealing coat



Liner



Prefabricated pools



Tiled pools

[CLICK HERE FOR THE CHAPTER
STAINLESS STEEL COMPONENTS](#)

[CLICK HERE FOR THE CHAPTER ON
STAINLESS STEEL INSTALLATION
PARTS FOR STAINLESS STEEL POOLS](#)



[CLICK HERE FOR THE VIDEO](#)

[GO TO THE SHOP HERE](#)

Chloride content 1.4404: up to 500 mg/l
Chloride content 1.4539: up to 20.000 mg/l

Surface skimmer

The langelier index

With the filter systems and the **aquaVison®** system from BEHNCKE you can achieve crystal clear water in your pool in compliance with our recommendations.

The additional use of our **stainless steel built-in parts** rounds off the overall picture of your pool area perfectly and gives it an exclusive touch.

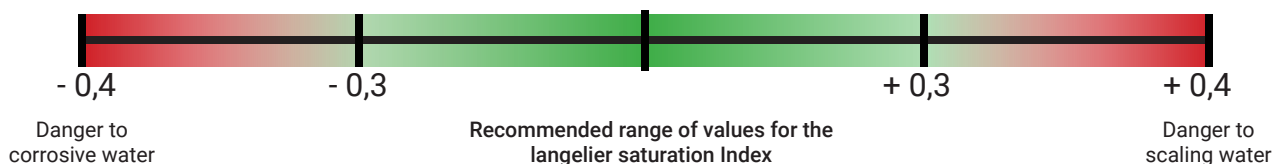
In order to be able to enjoy this sight for a long time and without disturbance, it is absolutely necessary. To have your pool water monitored around the clock by measuring and control technology. However, the measurement and control technology system is only the first step towards „**stainless steel-friendly**“ water.

Even the best measuring and control technology cannot keep your water at a constantly perfect level if certain water parameters are not checked manually.

To bring these measured values to a common denominator, there is the **langelier saturation Index** which indicates the corrosiveness of your water through various parameters and thus shows how „**stainless steel friendly**“ your water really is.

The values affecting the LSI are:

- ▶ **TDS: sum of the dissolved salts in the water [mg/l]**
As the TDS value increases, the corrosiveness of the water increases. Nevertheless this factor is not the crucial for chlorine use e.g. if you have 1200 TDS about 600 CL- and you double to 2400 TDS about 1200 CL- the water is still in the recommended range. It means the other values needs to be aligned.
- ▶ **Water temperature [K]**
The solubility of ions increases due to higher temperatures, e.g. which are responsible for the formation of lime are more strongly enriched in the water.
- ▶ **Calcium carbonate concentration [mg/l]**
Calcium carbonate ensures that the water becomes less corrosive.
On the other hand, if the calcium carbonate concentration is too high, calcification occurs.
- ▶ **Alkalinity of water based on calcium carbonate [mg/l]**
Substances that promote the alkalinity of the water are, for example, hydroxides, carbonates and bicarbonat. Alkalinity is simply the sum of weak and strong bases in the water.
- ▶ **pH of the water**



To help you determine all of the required values, we recommend our **LSI package**, which consists of the PM 630 and PM 630 measuring devices SD 70 CON from Iovibond. With these two water testing devices you cover all the requirements of the LSI.

In order to simplify the calculation of this very complex index, you can simply enter the measured values in the enter **langelier saturation Index** Calculator at the following link:
<https://www.lennotech.com/calculators/langelier/index/langelier.htm>

There you simply follow the specifications of the program and can divide the calculated value using the value range above.



Surface skimmer type B 050

- ▶ Made from V4A (AISI 316)
- ▶ Suction width 151 mm
- ▶ Suction opening complies with DIN EN 16582
- ▶ Complete with level holder and safety overflow Ø 50, liner flange and strainer
- ▶ DIN-compliant suction connection 1 1/2"

Item	Flow rate	Art. No.	GR	€ RRP w/o VAT
Surface skimmer type B 050	2-3 m³/h	390 049 89	2	846,00
Surface skimmer type B 050, but with spread flange*	2-3 m³/h	390 049 90	2	856,00
Surface skimmer type B 050 Ultimate*	2-3 m³/h	390 049 85	2	877,00



Surface skimmer type B 075

- ▶ Made from V4A (AISI 316)
- ▶ Suction width 150 mm
- ▶ Suction opening complies with DIN EN 16582
- ▶ Complete with lid, strainer basket, double seal & flange cover
- ▶ DIN-compliant suction connection 2", stainless steel housing with 8 x M 6 internal thread for sealing flange

Item	Flow rate	Art. No.	GR	€ RRP w/o VAT
Surface skimmer type B 075*	5-6 m³/h	390 075 00	2	593,00

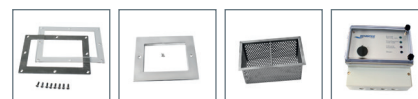


Surface skimmer type B 100

- ▶ Made from V4A (AISI 316)
- ▶ Suction width 200 mm
- ▶ Suction opening complies with DIN EN 16582
- ▶ Complete with lid, strainer basket
- ▶ DIN-compliant 2" suction connection, Ø 50 overflow, stainless steel housing with 8 x M 6 internal thread for sealing flange and additional water chamber to accommodate an electronic water level controller

Item	Flow rate	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer type B 100	8-12 m³/h	390 100 00	2	818,00
● Ditto; but with spread flange*	8-12 m³/h	950 052 40	2	942,00

Goes with



● ●	● ●	● ●	● ●
390 001 00	390 200 01	390 100 01	390 190 60
Foil flange	Cover plate	Strainer basket	Water level controller, electronic level controller

Due to their simple, small design, these surface skimmer are particularly suitable for small, inexpensive pools.

* No stock item - delivery time on request

Surface skimmer












Surface skimmer type B 200

- ▶ Made from V4A (AISI 316)
- ▶ Suction width 200 mm
- ▶ Suction opening complies with DIN EN 16582
- ▶ Complete with cover, strainer basket
- ▶ suction connection 2", overflow Ø 50, stainless steel housing with 8 x M6 internal thread for sealing flange and additional water chamber to accommodate a mechanical water level regulator or welded-in mounting for electronic water level regulator

Due to their simple, small design, these surface skimmer are particularly suitable for small, inexpensive pools.

Item	Flow rate	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer type B 200	10-15 m³/h	390 200 00	2	769,00
● Ditto; but with spread flange	10-15 m³/h	950 052 45	2	998,00

Goes with

								
● ●	● ●	● ●	● ●	● ●	● ●	● ●	● ●	● ●
390 001 00	390 200 01	390 200 25	390 200 02	390 190 60	390 200 05	900 001 71	390 010 05	390 010 06
Foil flange	Cover plate	Plastic skimmer basket	Strainer basket	Water level controller, electronic level controller	Water level regulator, mechanical	Vacuum plate for floor vacuum cleaner	Tile levelling frame 50 mm high	Tile levelling frame 100 mm high












Surface skimmer type B 200 / H

- ▶ Made from V4A (AISI 316)
- ▶ As type B 200, but with fixing lugs especially for wooden pools
- ▶ Suction opening complies with DIN EN 16582

Item	Flow rate	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer type B 200 / H*	10-15 m³/h	390 200 07	2	838,00

Goes with

								
●	●	●	●	●	●	●	●	●
390 001 00	390 200 01	390 200 25	390 200 02	390 190 60	390 200 05	900 001 71	390 010 05	390 010 06
Foil flange	Cover plate	Plastic skimmer basket	Strainer basket	Water level controller, electronic level controller	Water level regulator, mechanical	Vacuum plate for floor vacuum cleaner	Tile levelling frame 50 mm high	Tile levelling frame 100 mm high

* No stock item - delivery time on request






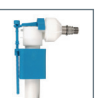





Surface skimmer type B 400/401

- ▶ Made from V4A (AISI 316)
- ▶ Suction width 200 mm
- ▶ Suction opening complies with DIN EN 16582
- ▶ Extended in overall length by 300 mm
- ▶ Available in straight version or in inclined version 3°
- ▶ Complete with lid, strainer basket
- ▶ Suction connection 2", overflow Ø 50, stainless steel housing with sealing flange and 8 x M6 internal thread and additional water chamber to accommodate a mechanical water level controller or welded in holder for electronic water level controller

Item	Flow rate	Art. No.	GR	€ RRP w/o VAT
● B 400 straight*	10-15 m³/h	390 400 00	2	1.108,00
● B 401 inclined 3 degrees*	10-15 m³/h	390 410 00	2	1.119,00
● B 400, but with spread flange*	10-15 m³/h	950 052 65	2	1.254,00

Goes with

								
● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●
390 001 00	390 200 01	390 200 25	390 200 02	390 190 60	390 200 05	900 001 71	390 010 05	390 010 06
Foil flange	Cover plate	Plastic skimmer basket	Strainer basket	Water level controller, electronic level controller	Water level regulator, mechanical	Vacuum plate for floor vacuum cleaner	Tile levelling frame 50 mm high	Tile levelling frame 100 mm high









Foil flange

Suitable for type B 100, B 200, B 200/H, B 280, B 400, B 401 with seals and screws.

Item	Art. No.	GR	€ RRP w/o VAT
● Foil flange	390 001 00	2	110,50

Goes with

					
●	●	●	●	●	●
390 100 00	390 200 00	390 200 07	390 280 00	390 400 00	390 410 00
Surface skimmer type B 100	Surface skimmer type B 200	Surface skimmer type B 200 / H	Surface skimmer type B 280	Surface skimmer type B 400	Surface skimmer type B 401

* No stock item - delivery time on request

Surface skimmer








Cover plate

Suitable for type B 100, B 200, B 200/H, B 400, B 401 with 2 screws to cover the foil flange or the tilded edge, visible surface polished.

Item	Art. No.	GR	€ RRP w/o VAT
● Cover plate	390 200 01	2	88,50

Goes with

				
●	●	●	●	●
390 100 00 Surface skimmer type B 100	390 200 00 Surface skimmer type B 200	390 200 07 Surface skimmer type B 200 / H	390 400 00 Surface skimmer type B 400	390 410 00 Surface skimmer type B 401





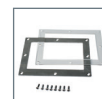
Surface skimmer type B 280

- Made from V4A (AISI 316)
- Suction width 200 mm
- Suction opening complies with DIN EN 16582
- Suction connection 1 1/2", overflow Ø 30, fresh water connection 3/8", holder for level electrode
- Stainless steel housing with sealing flange and 8 x M6 internal thread

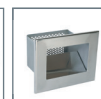
This surface skimmer unit does not require a cover opening in the pool perimeter.

Item	Flow rate	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer type B 280	6-10 m³/h	390 280 00-22	2	675,00
● Ditto; but with spread flange	6-10 m³/h	950 052 50	2	955,00

Goes with



390 001 00
Foil flange



390 280 10
Strainer insert for type B 280



390 280 11
Surface skimmer type B 280



390 190 60
Water level controller, electronic level controller



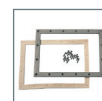
Surface skimmer type B 300 made from AISI 316

- Made from V4A (AISI 316)
- Suction width 300 mm
- Suction opening complies with DIN EN 16582
- Suction connection 2", overflow Ø 50, fresh water connection 3/8", holder for level electrode
- All connections suitable for flush mounting (no further connection pipes are required)
- Stainless steel housing with sealing flange tight threaded sleeves 8 x M6

This surface skimmer unit does not require a cover opening in the pool perimeter.

Item	Flow rate	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer type B 300	12-20 m³/h	390 300 00	2	836,00

Goes with



390 300 09
Foil flange



390 300 06
Strainer insert for type B 300



390 300 08
Surface skimmer type B 300



390 190 60
Water level controller, electronic level controller

Surface skimmer



Strainer basket for type B 280 and type B 300

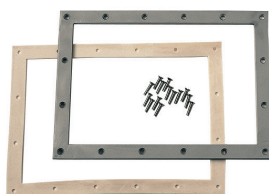
With skimmer flap made of VA, visible surfaces highly polished, easy to clean.

Item	Art. No.	GR	€ RRP w/o VAT
● Strainer basket for type B 280	390 280 10	2	332,00
● Strainer basket for type B 300	390 300 06	2	438,00

Goes with



●	●
390 280 00	390 300 00
Surface skimmer type B 280	Surface skimmer type B 300



Foil flange for type B 280 and type B 300

With gasket and screws.

Item	Art. No.	GR	€ RRP w/o VAT
● Foil flange for type B 280	390 001 00	2	110,50
● Foil flange for type B 300	390 300 09	2	197,00

Goes with



●	●	●	●	●	●	●
390 100 00	390 200 00	390 200 07	390 400 00	390 410 00	390 280 00	390 300 00
Surface skimmer type B 100	Surface skimmer type B 200	Surface skimmer type B 200 / H	Surface skimmer type B 400	Surface skimmer type B 401	Surface skimmer type B 280	Surface skimmer type B 300



Surface skimmer type B 400 SLIM

- ▶ Made from V4A (AISI 316)
- ▶ Suction width 335 mm
- ▶ Suction opening complies with DIN EN 16582
- ▶ Complete with lid, stainless steel strainer basket, overflow Ø 50 and a suction connection internal thread 2" and external thread 2 ½" to optimize pipe friction losses

This surface skimmer has a settling chamber to accommodate a mechanical or electronic water level controller.

Item	Flow rate	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer type B 400 SLIM	6-10 m³/h	390 044 00	2	1.385,00
● Ditto; but with spread flange	6-10 m³/h	390 044 06	2	1.447,00

Goes with



390 044 11
Foil flange
for type
B 400 SLIM

390 044 09
Foil and concrete
flange version
for type
B 400 SLIM

390 200 25
Plastic skim-
mer basket

390 200 02
Strainer
basket

390 190 60
Water level
controller,
electronic
level controller

390 200 05
Water level
regulator,
mechanical

900 001 71
Vacuum plate
for floor vacu-
um cleaner

390 010 05
Tile levelling
frame
50 mm high

Surface skimmer type B 500 SLIM

- ▶ Made from V4A (AISI 316)
- ▶ Suction width 460 mm
- ▶ Suction opening complies with DIN EN 16582
- ▶ Complete with lid, stainless steel strainer basket, overflow Ø 50 and a suction connection internal thread 2" and external thread 2 ½" to optimize pipe friction losses

This surface skimmer has a settling chamber to accommodate a mechanical or electronic water level controller.



Item	Flow rate	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer type B 500 SLIM	8-15 m³/h	390 550 00	2	1.510,00
● Ditto; but with a deep strainer basket	8-15 m³/h	390 555 51	2	1.648,00
● Ditto; but with spread flange	8-15 m³/h	390 555 50	2	1.590,00

Goes with



390 550 09
Foil flange
for typ
B 500 SLIM

390 550 10
Foil and concrete
flange version
for type
B 500 SLIM

390 550 11
Foil and concrete
flange version
for type
B 500 SLIM

390 200 25
Plastic skim-
mer basket

390 200 02
Strainer
basket

951 400 52
Strainer
basket deep

390 190 60
Water level
controller,
electronic
level controller

390 200 05
Water level
regulator,
mechanical

900 001 71
Vacuum plate
for floor vacu-
um cleaner

390 010 05
Tile levelling
frame
50 mm high

Surface skimmer SLIM



Surface skimmer type B 600 SLIM

- ▶ Made from V4A (AISI 316)
- ▶ Suction width 665 mm
- ▶ Suction opening complies with DIN EN 16582
- ▶ Complete with lid, stainless steel strainer basket, overflow Ø 50 and a suction connection internal thread 2" and external thread 2 ½" to optimize pipe friction losses

This surface skimmer has a settling chamber to accommodate a mechanical or electronic water level controller.

Item	Flow rate	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer type B 600 SLIM	13-25 m³/h	390 560 00	2	1.690,00
● Ditto; but with spread flange	13-25 m³/h	950 052 60	2	2.084,00

Goes with



● ●	● ●	● ●	● ●	● ●	● ●	● ●	● ●	● ●	● ●
390 560 09	390 560 10	390 560 11	951 400 52	390 190 60	390 200 05	900 001 71	390 010 05	390 010 06	
Foil flange for type B 600 SLIM	Foil and concrete flange version for type B 600 SLIM	Foil and concrete flange version for type B 600 SLIM	Strainer basket deep	Water level controller, electronic level controller	Water level regulator, mechanical	Vacuum plate for floor vacuum cleaner	Tile levelling frame 50 mm high	Tile levelling frame 100 mm high	



Foil flange for type B 400 SLIM, B 500 SLIM and B 600 SLIM

With gasket and screws.

Item	Art. No.	GR	€ RRP w/o VAT
● Foil flange for type B 400 SLIM	390 044 11	2	131,00
● Foil flange for type B 500 SLIM	390 550 09	2	194,00
● Foil flange for type B 600 SLIM	390 560 09	2	219,00
EPDM 3 mm seal for B 500 Slim	390 550 14	10	20,20

Goes with










●	●	●	●	●	●	●	●	●	●	●
390 044 00	390 044 06	390 550 00	390 555 51	390 555 50	390 550 00-EVO	390 555 50-EVO	390 560 00	950 052 60	390 560 00-EVO	950 052 61-EVO
Surface skimmer type B 400 SLIM	Surface skimmer type B 400 SLIM with spread flange	Surface skimmer type B 500 SLIM	Surface skimmer type B 500 SLIM with strainer basket deep	Surface skimmer type B 500 SLIM with spread flange	Surface skimmer type B 500 EVO	Surface skimmer type B 500 EVO with spread flange	Surface skimmer type B 600 SLIM	Surface skimmer type B 600 Slim with spread flange	Surface skimmer type B 600 EVO	Surface skimmer type B 600 EVO with spread flange



Foil and concrete flange version for type B 400 SLIM, B 500 SLIM and B 600 SLIM

In foil design and concrete pool design, with 2 screws to cover the foil flange or the tiled edge.

Item	Art. No.	GR	€ RRP w/o VAT
● Version for all pool types for type B 400 SLIM	390 044 09	2	203,00
● Version for all pool types for type B 500 SLIM	390 550 10	2	199,00
● Version tiled pool for type B 500 SLIM*	390 550 11	2	165,00
● Version for all pool types for type B 600 SLIM	390 560 10	2	199,00
● Version tiled pool for type B 600 SLIM*	390 560 11	2	197,00

Goes with						
						
●	●	● ●	● ●	● ●	● ●	● ●
390 044 00	390 044 06	390 550 00	390 555 51	390 555 50	390 560 00	950 052 60
Surface skimmer type B 400 SLIM	Surface skimmer type B 400 SLIM with spread flange	Surface skimmer type B 500 SLIM	Surface skimmer type B 500 SLIM with strainer basket deep	Surface skimmer type B 500 SLIM with spread flange	Surface skimmer type B 600 SLIM	Surface skimmer type B 600 SLIM with spread flange

* No stock item - delivery time on request

Surface skimmer EVO



Picture including
sieve insert



Surface Skimmer type B 400 EVO

- ▶ Made from V4A (AISI 316)
- ▶ Suction width 335 mm
- ▶ Suction opening complies with DIN EN 16582
- ▶ Suction connection internal thread 2" and external thread 2 ½" to optimise pipe friction losses, overflow Ø 50 and fresh water connection ¾"

This surface skimmer is equipped with a device to accommodate a mechanical or electronic water level regulator. Strainer basket with skimmer flap made of VA **available separately**, visible surfaces highly polished, easy to clean.

Item	Flow rate	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer type B 400 EVO*	6-10 m³/h	390 044 18	2	1.285,00

Goes with



●	●	●
390 044 11	390 190 60	390 044 20
Foil flange for typ B 400 SLIM	Water level controller, electronic level controller	Strainer basket B 400 EVO



Picture including
sieve insert



Surface Skimmer type B 500 EVO

- ▶ Made from V4A (AISI 316)
- ▶ Suction width 460 mm
- ▶ Suction opening complies with DIN EN 16582
- ▶ Suction connection internal thread 2" and external thread 2 ½" to optimise pipe friction losses, overflow Ø 50 and fresh water connection ¾"

This surface skimmer is equipped with a device to accommodate a mechanical or electronic water level regulator. Strainer basket with skimmer flap made of VA **available separately**, visible surfaces highly polished, easy to clean.

Item	Flow rate	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer type B 5400 EVO	8-15 m³/h	390 550 00-EVO	2	1.310,00
● Ditto; but with spread flange	8-15 m³/h	390 555 50-EVO	2	1.340,00

Goes with



● ●	● ●	● ●
390 550 09	390 190 60	390 550 23
Foil flange for typ B 500 SLIM	Water level controller, electronic level controller	Strainer basket B 500 EVO

* No stock item - delivery time on request



Picture including
strainer basket



Surface skimmer type B 600 EVO

- Made from V4A (AISI 316)
- Suction width 665 mm
- Suction opening complies with DIN EN 16582
- Suction connection internal thread 2" and external thread 2 ½" to optimise pipe friction losses, overflow Ø 50 and fresh water connection ¾"

This surface skimmer is equipped with a device to accommodate a mechanical or electronic water level regulator. Strainer basket with skimmer flap made of VA **available separately**, visible surfaces highly polished, easy to clean.

Item	Flow rate	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer type B 600 EVO	13-25 m³/h	390 560 00-EVO	2	1.401,00
● Ditto; but with spread flange	13-25 m³/h	950 052 61-EVO	2	1.625,00

Goes with



390 560 09
Foil flange
for typ
B 600 SLIM



390 190 60
Water level
controller,
electronic
level controller



390 560 20
Strainer insert
B 600 EVO



Strainer basket for type B 400, Type B 500 EVO and Typ B 600 EVO

Item	Flow rate	Art. No.	GR	€ RRP w/o VAT
● Strainer basket for B 600 EVO	13-25 m³/h	390 560 20	2	936,00
● Strainer basket for B 500 EVO	8-15 m³/h	390 550 23	2	805,00
● Strainer basket for B 400 EVO*	6-10 m³/h	390 044 20	2	754,00

Goes with



390 044 18
Surface
skimmer
type
B 400 EVO



390 550 00-EVO
Surface
skimmer
type
B 500 EVO



390 555 50-EVO
Surface
skimmer
type
B 500 EVO
with spread
flange



390 560 00-EVO
Surface
skimmer
type
B 600 EVO



950 052 61-EVO
Surface
skimmer
type
B 600 EVO
with spread
flange

* No stock item - delivery time on request

Surface skimmer Ultimate Level



Surface skimmer type B 400 Ultimate Level

- Made from V4A (AISI 316)
- Suction width 335 mm
- Suction opening complies with DIN EN 16582
- Complete with lid, stainless steel strainer basket, overflow Ø 50 and a suction connection with internal thread 2" and external thread 2 ½" to optimise pipe friction losses

Item	Flow rate	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer type B 400 Ultimate Level	6-10 m³/h	390 044 26	2	1.399,00
Foil flange B 400 Ultimate	6-10 m³/h	390 044 32	2	118,00
Cover B 400 Ultimate	6-10 m³/h	390 044 30	2	246,00

Goes with



●	●	●	●	●
390 200 25	390 200 02	390 190 60	390 010 05	390 010 06
Plastic skimmer basket	Strainer basket	Water level controller, electronic level controller	Tile levelling frame 50 mm high	Tile levelling frame 100 mm high

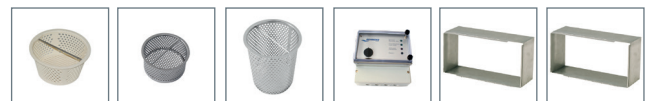


Surface skimmer type B 500 Ultimate Level

- Made from V4A (AISI 316)
- Suction width 460 mm
- Suction opening complies with DIN EN 16582
- Complete with lid, stainless steel strainer basket, overflow Ø 50 and a suction connection with internal thread 2" and external thread 2 ½" to optimise pipe friction losses

Item	Flow rate	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer type B 500 Ultimate Level	8-15 m³/h	950 058 70	2	1.550,00
● Ditto; but with spread flange	8-15 m³/h	950 058 77	2	1.763,00
● Ditto; but with a deep strainer basket*	8-15 m³/h	950 058 78	2	1.664,00
Foil flange B 500 Ultimate	8-15 m³/h	950 058 71	2	218,40
Cover B 500 Ultimate	8-15 m³/h	950 057 72	2	185,00
Seal EPDM 3 mm		952 000 81	10	18,60

Goes with



●●	●●	●	●●●●	●●●●	●●●●
390 200 25	390 200 02	951 400 52	390 190 60	390 010 05	390 010 06
Plastic skimmer basket	Strainer basket	Strainer basket deep	Water level controller, electronic level controller	Tile levelling frame 50 mm high	Tile levelling frame 100 mm high

* No stock item - delivery time on request



Surface skimmer type B 600 Ultimate Level

- Made from V4A (AISI 316)
- Suction width 665 mm
- Suction opening complies with DIN EN 16582
- Complete with lid, stainless steel strainer basket, overflow Ø 50 and a suction connection with internal thread 2" and external thread 2 ½" to optimise pipe friction losses

Item	Flow rate	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer type B 600 Ultimate	13-25 m³/h	950 057 81	2	1.700,00
● Ditto; but with spread flange*	13-25 m³/h	950 057 82	2	1.795,00
Foil flange B 600 Ultimate	13-25 m³/h	950 057 83	2	222,60
Cover B 600 Ultimate	13-25 m³/h	950 057 84	2	309,00

Goes with



390 200 25
Plastic skimmer basket



390 200 02
Strainer basket



951 400 52
Strainer basket deep



390 190 60
Water level controller, electronic level controller



390 010 05
Tile levelling frame 50 mm high

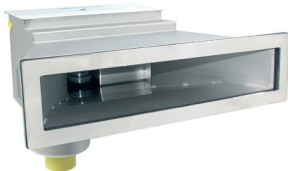


390 010 06
Tile levelling frame 100 mm high

Please observe the installation instructions mentioned in the operating manual!
This surface skimmer has a calming chamber for accommodating an electronic water level controller.

* No stock item - delivery time on request

Accessories for surface skimmer



Surface skimmer type B 501 SLIM

- ▶ Made from V4A (AISI 316)
- ▶ Suction width 454 mm
- ▶ Suction opening complies with DIN EN 16582
- ▶ Due to its 3° inclined shape, it is ideally suited for use in GRP pools
- ▶ Complete with cover, stainless steel strainer basket, Ø 50 overflow and a suction connection with internal thread 2" and external thread 2 ½" to optimise pipe friction losses
- ▶ Including mounting flange with 2 seals (foam rubber / EPDM)

Item	Flow rate	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer type B 501 SLIM	7-14 m³/h	390 555 00-22	2	1.795,00
Foil and concrete flange version for type B 501 Slim		390 550 10	2	199,00

Goes with



390 200 25
Plastic skimmer basket



390 200 02
Strainer basket



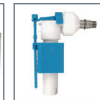
390 190 60
Water level controller, electronic level controller



390 010 05
Tile levelling frame 50 mm high



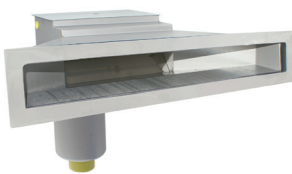
390 010 06
Tile levelling frame 100 mm high



390 200 05
Water level regulator, mechanical



900 001 71
Vacuum plate for floor vacuum cleaner



Surface skimmer type B 601 SLIM

- ▶ Made from V4A (AISI 316)
- ▶ Suction width 665 mm
- ▶ Suction opening complies with DIN EN 16582
- ▶ Due to its 3° inclined shape, it is ideally suited for use in GRP pools
- ▶ Complete with cover, stainless steel strainer basket, Ø 50 overflow and a suction connection with internal thread 2" and external thread 2 ½" to optimise pipe friction losses
- ▶ Including mounting flange with 2 seals (foam rubber / EPDM)

Item	Flow rate	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer type B 601 SLIM	12-24 m³/h	390 561 00	2	2.068,00
Foil and concrete flange version for type B 601 Slim		390 560 10	2	199,00

Goes with



951 400 52
Strainer basket deep



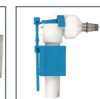
390 190 60
Water level controller, electronic level controller



390 010 05
Tile levelling frame 50 mm high



390 010 06
Tile levelling frame 100 mm high



390 200 05
Water level regulator, mechanical



900 001 71
Vacuum plate for floor vacuum cleaner

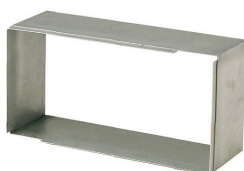
Please observe the installation instructions mentioned in the operating manual!
This surface skimmer has a calming chamber for accommodating an electronic water level controller.



Strainer baskets

Made of plastic, V4A, V4A deep version.

Item	Art. No.	GR	€ RRP w/o VAT
Made of plastic	390 200 25	2	35,00
Made of V4A	390 200 02	2	75,00
Made of plastic, V4A, deep version	951 400 52	2	112,00
Made from V4A for B 100	390 100 01	2	143,50



Tile levelling frame

Suitable for type B 100, B 200, B 200/H, B 400, B 401, B 500, B 501, B 600, B 601 as plaster compensation for covers.

Item	Art. No.	GR	€ RRP w/o VAT
50 mm high	390 010 05	2	77,00
100 mm high	390 010 06	2	94,35



Vacuum plate for floor vacuum cleaner

Item	Art. No.	GR	€ RRP w/o VAT
Vacuum plate for floor vacuum cleaner	900 001 71	7	50,80



Water level regulator, mechanical

Float valve for installation in surface suction units.
R ½"; suitable for type B 200, 201, H, 400, 401, 500 Slim, 600 Slim.

Item	Art. No.	GR	€ RRP w/o VAT
Water level regulator, mechanical	390 200 05	7	82,90

HIDE Skimmer Covers

NEW!

HIDE Skimmer Covers - Invisible perfection for your pool

Give your pool a flawless appearance - with the high-quality HIDE skimmer covers that blend seamlessly into your pool environment. No more visible skimmer covers: HIDE offers an elegant solution for anyone who values design and functionality.

Advantages at a glance:

Invisible integration:

The HIDE cover is provided with the same covering material as the surrounding surface - e.g. natural stone, porcelain stoneware or wood. The result is a consistent, stylish overall look without any visible technology.

Durable & corrosion-resistant:

Manufactured from 316L stainless steel, the HIDE cover defies chlorine, UV radiation and changing weather conditions.

Maximum safety:

The flush design avoids tripping hazards and ensures a safe environment around the pool - for private as well as for commercial swimming pools.

Easy access:

The cover can be opened easily using the special lever provided - without damaging the lid.

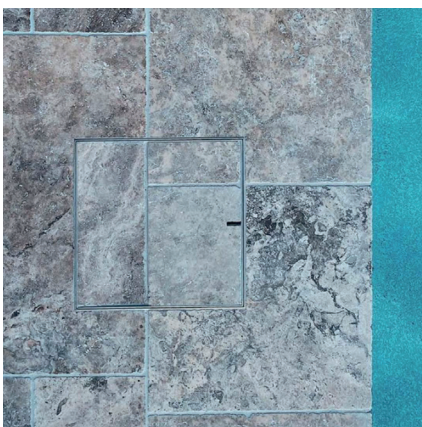
Perfect fit for BEHNCKE skimmers:

The HIDE covers are specially designed for the slim skimmer models from BEHNCKE. They enable a high-quality, almost invisible cover - without any restrictions in terms of function or maintenance.

- ▶ Internal dimensions (opening) 254 x 254 mm
- ▶ External dimensions (opening) 305 x 305 mm

Scope of delivery - HIDE Skimmer Lid Kit

- ▶ **Inlay cover** - Stainless steel tray (316L), prepared for the covering material - for invisible integration
- ▶ **Safety lever** - Robust stainless steel lever for safe, damage-free opening
- ▶ **Height adapter (2 mm)** - For a flush finish with thin covering material
- ▶ **Edge protection frame** - Stainless steel frame protects covering edges from chipping
- ▶ **Special adhesive** - 1-component adhesive for permanent bonding of natural stone and porcelain stoneware



Item	maximum tile thickness - including plastering	Art. No.	GR	€ RRP w/o VAT
Tile frame HIDE 412-20 mm suitable for BEHNCKE Slim Skimmer	20 mm	390 334 80	10	388,00
Tile frame HIDE 412-30 mm suitable for BEHNCKE Slim Skimmer	30 mm	390 334 81	10	388,00



Wall transitions



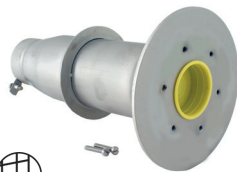
Wall transitions for concrete and exposed concrete

With 1½" or 2" connection sleeve on the outside.

Item	Art. No.	GR	€ RRP w/o VAT
● 250 mm L, 1½" sleeve	390 220 07-20	2	139,00
● 300 mm L, 1½" sleeve	390 220 08-20	2	144,00
● 250 mm L, 2" sleeve	390 220 12-20	2	135,00
● 300 mm L, 2" sleeve	390 220 13-20	2	139,00

Goes with

See Inlet Jets on page 136 and 137



Universal wall transitions for concrete pools with coating foil and liner pools

With 1½" or 2" connection sleeve on the outside and 1½" on the inside of the pool.

Item	Art. No.	GR	€ RRP w/o VAT
● 240 mm mit M6 blind hole, 1½" connection	390 219 04-24	2	176,00
● 250 mm mit M6 blind hole, 1½" connection	390 219 05-24	2	182,00
● 300 mm lg, 1½" sleeve - only while stocks last -	390 219 06	2	139,00
● 300 mm mit M6 blind hole, 1½" connection	390 219 06-24	2	188,00
● 240 mm mit M6 blind hole, 2" connection*	390 219 09-24	2	177,20
● 250 mm lg, 2" sleeve - only while stocks last -	390 219 10	2	128,30
● 250 mm mit M6 blind hole, 2" connection	390 219 10-24	2	177,00
● 300 mm lg, 2" sleeve - only while stocks last -	390 219 11	2	133,20
● 300 mm mit M6 blind hole, 2" connection	390 219 11-24	2	182,00

Goes with

See Inlet Jets on page 136 and 137

* No stock item - delivery time on request



Wall transitions for foil and exposed concrete pools

With 1 1/2" or 2" external thread as connection option.

Item	Art. No.	GR	€ RRP w/o VAT
● 250 mm L, 1 1/2" x 1 1/2" sleeve	951 406 30	2	79,40
● 300 mm L, 1 1/2" x 1 1/2" sleeve	951 406 31	2	80,40
● 250 mm L, 2" x 2" sleeve	951 406 32	2	98,80
● 300 mm L, 2" x 2" sleeve	951 406 33	2	103,00

Goes with



951 503 46

Inlet nozzle with flat cover, 1 1/2" thread ball 1 x 7,9 mm

951 503 47

Inlet nozzle with flat cover, 1 1/2" thread ball 2 x 7,9 mm

951 503 48

Inlet nozzle with flat cover, 1 1/2" thread ball 3 x 7,9 mm

951 503 49

Inlet nozzle with flat cover, 1 1/2" thread ball 4 x 7,9 mm

390 218 75

Inlet nozzle round for tiles and concrete pools with 2" thread ball 1 x 7,9 mm

390 218 77

Inlet nozzle round for tiles and concrete pools with 2" thread ball 2 x 7,9 mm

390 218 79

Inlet nozzle round for tiles and concrete pools with 2" thread ball 3 x 7,9 mm

390 218 81

Inlet nozzle round for tiles and concrete pools with 2" thread ball 4 x 7,9 mm



Wall transitions short

internal thread 1 1/2" continuous.

Item	Art. No.	GR	€ RRP w/o VAT
● 75 mm L, 1 1/2" sleeve	390 219 24	2	124,20
● 75 mm L, 1 1/2" sleeve, but with spread flange	390 220 24	2	171,00

Goes with



390 230 15

Foil flange M45 for inlet nozzle V4A

390 219 90

Inlet nozzle M45 round 1 x 7,9 mm with flange

390 218 04

Inlet nozzle M45 round 2 x 7,9 mm with flange

390 218 05

Inlet nozzle M45 round 3 x 7,9 mm with flange

390 219 36

Inlet nozzle M45 round 4 x 7,9 mm with flange

390 219 52

Inlet nozzle M45 CUBE-Line 1 x 7,9 mm with flange

390 218 14

Inlet nozzle M45 CUBE-Line 2 x 7,9 mm with flange

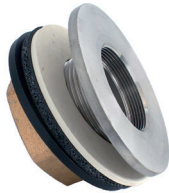
390 218 15

Inlet nozzle M45 CUBE-Line 3 x 7,9 mm with flange

390 219 62

Inlet nozzle M45 CUBE-Line 4 x 7,9 mm with flange

Wall transitions



Wall transitions for prefabricated pools

With 1 1/2" or 2" external thread as connection option.
Thread length 45 mm or 70 mm, incl. locking set.

Item	Art. No.	GR	€ RRP w/o VAT
● 1 1/2" 45 mm L	390 101 00	2	107,30
● 1 1/2" 70 mm L	390 101 01	2	110,80
● 2" 45 mm L	390 101 02	2	119,90
● 2" 70 mm L	390 101 03	2	123,00

Goes with



390 219 51

Inlet nozzle
CUBE Line
M45 x 1.5
thread ball
1 x 7,9 mm



390 218 10

Inlet nozzle
CUBE Line
M45 x 1.5
thread ball
2 x 7,9 mm



390 218 12

Inlet nozzle
CUBE Line
M45 x 1.5
thread ball
3 x 7,9 mm



390 219 49

Inlet nozzle
CUBE Line
M45 x 1.5
thread ball
4 x 7,9 mm



390 219 89

Inlet nozzle
M45 round
1 x 7,9 mm



390 218 00

Inlet nozzle
M45 round
2 x 7,9 mm



390 218 02

Inlet nozzle
M45 round
3 x 7,9 mm



390 219 83

Inlet nozzle
M45 round
4 x 7,9 mm



Wall transitions for system pools with liner

With 1 1/2" and 2" connection external thread.
Thread length 45 mm, 75 mm or 100 mm, incl. locking set and foil flange.

Item	Art. No.	GR	€ RRP w/o VAT
● 1 1/2" 45 mm L	390 101 10	2	124,90
● 1 1/2" 70 mm L	390 101 11	2	136,50
● 2" 45 mm L	390 101 12	2	146,00
● 2" 70 mm L	390 101 13	2	151,00
● 2" 100 mm L	390 101 04	2	158,00

Goes with



390 219 51

Inlet nozzle
CUBE Line
M45 x 1.5
thread ball
1 x 7,9 mm



390 218 10

Inlet nozzle
CUBE Line
M45 x 1.5
thread ball
2 x 7,9 mm



390 218 12

Inlet nozzle
CUBE Line
M45 x 1.5
thread ball
3 x 7,9 mm



390 219 49

Inlet nozzle
CUBE Line
M45 x 1.5
thread ball
4 x 7,9 mm



390 219 89

Inlet nozzle
M45 round
1 x 7,9 mm



390 218 00

Inlet nozzle
M45 round
2 x 7,9 mm



390 218 02

Inlet nozzle
M45 round
3 x 7,9 mm



390 219 83

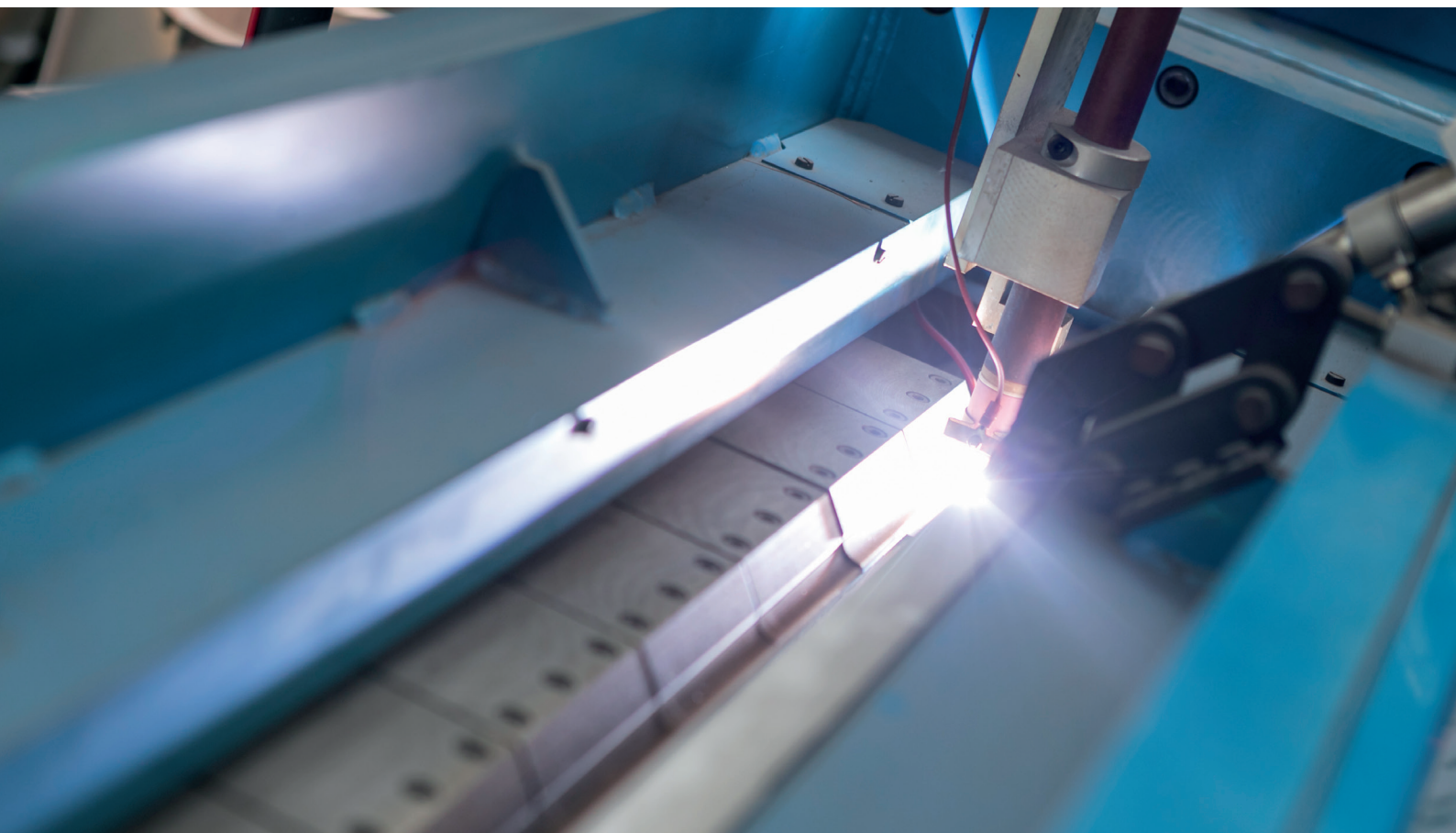
Inlet nozzle
M45 round
4 x 7,9 mm



Locking sets for prefabricated and system pools

With gasket, sealing washer and locknut for 1 ½" and 2" wall transitions.

Item	Art. No.	GR	€ RRP w/o VAT
1 ½" Locking kit	390 240 10	2	44,80
2" Locking kit	390 230 10	2	52,00



Inlet nozzle



Round inlet nozzle for concrete and liner pools

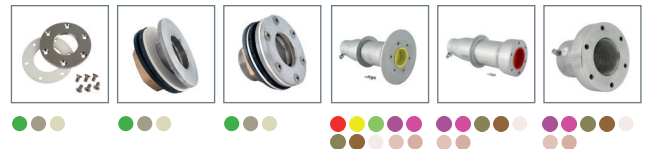
- Made from V4A (AISI 316)
- All inlet nozzles comply with DIN EN 16582-1 (2015)
- Permissible volume flow approx. 1 m³/h (per hole at 4 m/s) or 1.25 m³/h (per hole at 5 m/s)
- Pressure loss approx. 0.03 bar (at 4 m/s) or 0.04 bar (at 5 m/s)

Inlet nozzle for tiled and concrete pools	Art. No.	GR	€ RRP w/o VAT
● With 1½" thread ball 1 x 7,9 mm	390 219 75	2	78,00
● With 1½" thread ball 3 x 7,9 mm	390 218 08	2	88,40
● With 1½" thread ball 4 x 7,9 mm	390 219 81	2	79,50
● With 1½" thread ball 1 x 7,9 mm (flat cover)	951 503 46	2	207,00
● With 1½" thread ball 3 x 7,9 mm (flat cover)	951 503 48	2	207,00
● With 1½" thread ball 4 x 7,9 mm (flat aperture)	951 503 49	2	207,00
With 2" thread ball 1 x 7,9 mm	390 218 75	2	120,00
With 2" thread ball 3 x 7,9 mm	390 218 79	2	128,00
With 2" thread ball 4 x 7,9 mm	390 218 81	2	130,00

Inlet nozzle for liner pools	Art. No.	GR	€ RRP w/o VAT
● With M 45 x 1,5 thread ball 1 x 7,9 mm with flange	390 219 90	2	96,00
● With M 45 x 1,5 thread ball 2 x 7,9 mm with flange	390 218 04	2	105,00
- only while stocks last -			
● With M 45 x 1,5 thread ball 3 x 7,9 mm with flange	390 218 05	2	96,50
● With M 45 x 1,5 thread ball 4 x 7,9 mm with flange	390 219 36	2	100,00

Inlet nozzles for prefabricated and system pools	Art. No.	GR	€ RRP w/o VAT
● With M 45 x 1,5 thread ball 1 x 7,9 mm	390 219 89	2	67,00
● With M 45 x 1,5 thread ball 3 x 7,9 mm	390 218 02	2	70,10
● With M 45 x 1,5 thread ball 4 x 7,9 mm	390 219 83	2	74,80

Goes with



390 230 15	390 101 00	390 101 10	390 219 04	390 220 07-20	390 219 24
Foil flange for inlet nozzle liner pool	For Wall transitions	For Wall transitions	Wall transitions universal	Wall transitions liner/concrete	Wall transitions short



NEW!

Round inlet nozzle with REVOLUTION look for concrete and liner pools

Item	Art. No.	GR	€ RRP w/o VAT
Inlet nozzle round D 105 mm, ball 1 x 7.9 mm with two screws	370 250 55	2	199,00
Inlet nozzle round D 105 mm, ball 3 x 7.9 mm with two screws	370 250 60	2	199,00
Inlet nozzle round D 105 mm, ball 4 x 7.9 mm with two screws	370 250 65	2	199,00



Foil flange for inlet nozzle liner pool

With foil flange, seals and screws.
For CUBE Line too!

Item	Art. No.	GR	€ RRP w/o VAT
Foil flange for inlet nozzle M45	390 230 15	2	37,00
Foil flange for inlet nozzle 1 1/2"	951 503 40	2	61,00
Foil flange for inlet nozzle without thread	951 502 98	2	61,00
Seal EPDM 3 mm	390 230 09	10	5,75



Inlet nozzle CUBE line, for concrete and liner pool

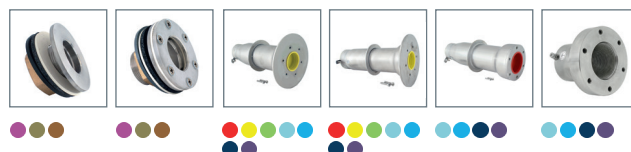
- Made from V4A (AISI 316)
- All inlet nozzles comply with DIN EN 16582-1 (2015)
- Permissible volume flow approx. 1 m³/h (per hole at 4 m/s) or 1.25 m³/h (per hole at 5 m/s)
- Pressure loss approx. 0.03 bar (at 4 m/s) or 0.04 bar (at 5 m/s)

Inlet nozzle for tiled and concrete pools	Art. No.	GR	€ RRP w/o VAT
● With 1 1/2" thread ball 1 x 7,9 mm*	390 219 38	2	116,00
● With 1 1/2" thread ball 3 x 7,9 mm*	390 218 18	2	139,90
● With 1 1/2" thread ball 4 x 7,9 mm*	390 219 46	2	125,00

Inlet nozzle for liner pool	Art. No.	GR	€ RRP w/o VAT
● With M 45 x 1,5 thread ball 1 x 7,9 mm with flange*	390 219 52	2	145,50
● With M 45 x 1,5 thread ball 2 x 7,9 mm with flange - only while stocks last -	390 218 14	2	165,00
● With M 45 x 1,5 thread ball 3 x 7,9 mm with flange*	390 218 15	2	168,00
● With M 45 x 1,5 thread ball 4 x 7,9 mm with flange*	390 219 62	2	157,00

Inlet nozzles for prefabricated and system pools	Art. No.	GR	€ RRP w/o VAT
● With M 45 x 1,5 thread ball 1 x 7,9 mm*	390 219 51	2	117,00
● With M 45 x 1,5 thread ball 3 x 7,9 mm*	390 218 12	2	135,00
● With M 45 x 1,5 thread ball 4 x 7,9 mm*	390 219 49	2	128,00

Goes with



390 101 00	390 101 10	390 219 04	390 219 09	390 220 07-20	390 219 24
Wall transitions for prefabricated pools	Wall transitions for system pools with liner	Wall transitions universal	Wall transitions universal	Wall transitions liner/concrete	Wall transitions short

* No stock item - delivery time on request

Inlet nozzle



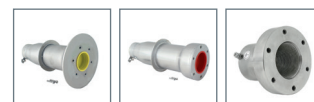
Inlet shell, round, for concrete, foil and stainless steel pools

With gasket, sealing washer and locknut for 1 ½" and 2" wall transitions.

Inlet shell for tiled and concrete pools	Art. No.	GR	€ RRP w/o VAT
● Inlet shell M45 for tiled and concrete pools	390 217 90	2	239,00
● Inlet shell 1 ½" for tiled and concrete pools*	390 217 91	2	236,00
Inlet shell 2" for tiled and concrete pools	390 217 92	2	273,00

Inlet shell for liner pools	Art. No.	GR	€ RRP w/o VAT
● Inlet shell for liner pools*	390 217 75	2	188,00

Goes with



390 219 04

Wall
transitions
universal

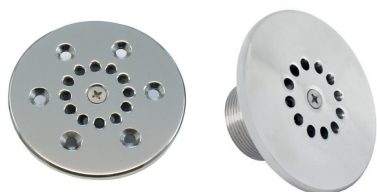
390 220 07-20

Wall
transitions
foil/concrete

390 219 24

Wall
transitions
short

* No stock item - delivery time on request



Round floor inlet nozzle, adjustable flow rate

- Made of V4A (AISI 316)
- Consisting of basic element, visible flange set/clamping flange set and screw-in or or flangeable cover plate
- Variable piping, equipped with internal thread 1½" and external thread 2"
- Visible surfaces are finished in REVOLUTION look
- Permissible volume flow approx. 0.4 m³/h (per hole at 4 m/s) or 0.5 m³/h (per hole at 5 m/s)

Item	Art. No.	GR	€ RRP w/o VAT
● Floor inlet basic element 2" external thread and 1½" internal thread	370 055 00	2	83,00
● Floor inlet basic element with spread flange 2" external thread and 1½" internal thread	370 055 25	2	130,00
● Brush flange for wall duct 250 mm	370 250 05	2	57,80
● Floor inlet basic element 2" external thread and 1½" internal thread	370 250 15	2	36,55
● Cover plate floor inlet nozzle round flangeable (Surface in REVOLUTION design)	370 055 05	2	129,00
● Cover plate floor inlet nozzle round flangeable (Polished surface)	390 211 26	2	129,00
● Screw-in cover for inlet nozzle with external thread 1½" thread (Surface in REVOLUTION design)	370 055 10	2	122,00
● Screw-in cover for inlet nozzle with external thread 1½" thread (Polished surface)	390 211 06	2	108,00
● PVC protection for floor inlet nozzle	370 055 15	2	20,00
● Assembly key floor inlet nozzle	390 211 12	2	61,45
● Installation spanner for PVC protection and base element	390 211 11	2	61,45

Goes with



370 055 25	370 055 05	370 055 00	370 055 10	370 055 15	390 211 12
Floor inlet basic element with spread flange 2" external thread and 1½" internal thread	Floor inlet nozzle orifice plate	Floor inlet nozzle basic element	Screw-in cover	Floor inlet nozzle PVC protection	Assembly key floor inlet nozzle

Inlet nozzle







Floor inlet nozzle CUBE Line, adjustable flow rate

- ▶ Made of V4A (AISI 316)
- ▶ Consisting of basic element, sight flange set/clamping flange set and screw-in or flangeable cover plate
- ▶ Variable piping, equipped with internal thread 1½" and external thread 2"
- ▶ Visible surfaces are finished in REVOLUTION look
- ▶ Permissible volume flow approx. 0.4 m³/h (per hole at 4 m/s) or 0.5 m³/h (per hole at 5 m/s)

Item	Art. No.	GR	€ RRP w/o VAT
● Floor inlet basic element 2" external thread and 1½" internal thread	370 055 00	2	83,00
● Brush flange for wall duct 250 mm	370 250 05	2	57,80
● Floor inlet basic element 2" external thread and 1½" internal thread	370 250 15	2	36,55
● Cover floor inlet nozzle angular screwable 100 mm, polished visible surface*	390 210 94	2	187,20
● Cover floor inlet nozzle angular screwable 125 mm, polished visible surface*	390 210 95	2	267,80
● PVC protection for floor inlet nozzle	370 055 15	2	20,00
● Assembly key floor inlet nozzle	390 211 12	2	61,45
● Installation spanner for PVC protection and base element	390 211 11	2	61,45

Goes with



			
370 055 00	370 055 10	370 055 15	390 211 12
Floor inlet nozzle basic element	Screw-in cover	Floor inlet nozzle PVC protection	Assembly key floor inlet nozzle

* No stock item - delivery time on request



PVC adapter piece

For easy levelling of the floor inlet nozzle (370 055 10) with internal thread 1 ½".

Item	Art. No.	GR	€ RRP w/o VAT
D 56,0 x G 1 ½"	390 211 14	8	28,50
D 68,5 x G 1 ½"	390 211 15	8	26,20



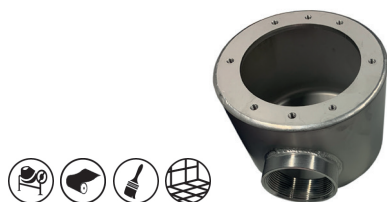
Pressure elements for BEHNCKE built-in parts

All pressure elements incl. screws and gasket.

Item	Art. No.	GR	€ RRP w/o VAT
Pressure element for basic element bolt circle 67 mm, flangeable, with manometer (floor inlet nozzles)	390 212 96	8	77,10
Pressure element for basic element bolt circle 75 mm, flangeable, with manometer (wall inlet nozzles)	390 212 85	8	77,10
Pressure element for basic element bolt circle 67 mm, flangeable, with filling spout and stopcock (floor inlet nozzles)	390 212 94	8	64,90
Pressure element for basic element bolt circle 75 mm, flangeable, with filling spout and stopcock (wall inlet nozzles)*	390 212 80	8	64,90
Pressure element for basic element bolt circle 67 mm, flangeable as blind flange (floor inlet nozzles)	390 212 98	8	42,10
Pressure element for basic element bolt circle 75 mm, flangeable as blind flange (wall inlet nozzles)	390 212 90	8	42,10
Pressure element floor drain 150 with blind flange and seal	390 212 65	8	30,20
Pressure element floor drain 190 with blind flange and seal	390 212 70	8	36,60
Pressure element floor drain 240 with blind flange and seal	390 212 75	8	27,20

* No stock item - delivery time on request

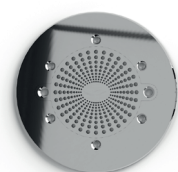
Floor drains for private pools



Round floor drain type 150

- Made of AISI 316L with 2" IT
- Diameter ID 105 mm, AD 151 mm

Item	Outgoing	Art. No.	GR	€ RRP w/o VAT
Typ 150	sideways	390 210 04-VERP	2	186,00
Typ 150	downstairs	950 155 12-VERP	2	254,00
Typ 150; with spread flange	sideways	390 210 05-VERP	2	230,30



Cover for floor drain pot type 150

- Covers made of V4A (AISI 316)
- Seal off EPDM
- The floor drain type 150 in combination with the "Hair catching safe" cover has passed the hair trap test according to DIN EN 13451-3 (at 2.8 m³/h volume flow)

Item	Art. No.	GR	€ RRP w/o VAT
One-piece cover type 150 with seal and screws	390 218 61-HFS	2	149,00
Two-piece cover type 150 with seal and screws	390 210 15-HFS	2	134,00
One-piece cover type 150 CUBE with seal and screws*	390 218 66-HFS	2	207,00
Two-part cover type 150 CUBE with seal and screws*	390 210 17-HFS	2	134,00



Foil flange set made of V4A for floor drain pot type 150

Not possible in connection with a two-piece cover.

Item	Art. No.	GR	€ RRP w/o VAT
Foil flange set made of V4A for floor drain pot type 150	390 210 06	2	84,00
Seal EPDM 3 mm	390 210 02	10	8,70

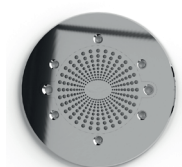
* No stock item - delivery time on request



Floor drain pot type 190

- Made of AISI 316L with 2" IT
- Diameter ID 148 mm, AD 232 mm

Item	Outgoing	Art. No.	GR	€ RRP w/o VAT
Typ 190	sideways	390 215 04-VERP	2	296,00
Typ 190	downstairs	950 155 16-VERP	2	333,00
Typ 190; with spread flange	sideways	390 21 5040-VERP	2	345,00



Hair catching safe

Covers for floor drain pot type 190

- Covers made of V4A (AISI 316)
- Seal off EPDM
- The floor drain type 190 in combination with the "Hair catching safe" cover has passed the hair trap test according to DIN EN 13451-3 (at 6.5 m³/h volume flow)

Item	Art. No.	GR	€ RRP w/o VAT
One-piece cover type 190 with seal and screws	390 218 62-HFS	2	163,00
Two-piece cover type 190 with seal and screws	390 215 14-HFS	2	154,00
One-piece cover type 190 CUBE with seal and screws*	390 218 67-HFS	2	268,00
Two-part cover type 190 CUBE with seal and screws*	390 215 16-HFS	2	159,00



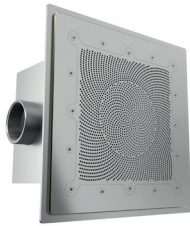
Foil flange set made of V4A for floor drain pot type 190

Not possible in connection with a two-piece cover.

Item	Art. No.	GR	€ RRP w/o VAT
Foil flange set made of V4A for floor drain pot type 190	390 215 06	2	92,60

* No stock item - delivery time on request

Floor drains



Floor drain Public

- ▶ Made from V4A (AISI 316 with 3" IG)
- ▶ Dimensions 390 x 390 x 250 mm (L x W x D)
- In Germany:
 - ▶ In accordance with DIN EN 13451-3 and DGfDB recommendations tested at 0.3 m/s for max. 19.7 m³/h (DGfDB)
- In Europe:
 - ▶ DIN EN 13451-3 at 0.5m/s max. 32.6 m³/h

Item	Art. No.	GR	€ RRP w/o VAT
Floor drain Public*	951 601 23-24	2	840,00
Cover and foil flange for floor drain Public*	951 601 27-23	2	642,00



Floor drain, round, type 240, for concrete and foil

- ▶ Made from V4A (AISI 316)
- ▶ Universally usable, connection 2" or 2 ½" for optional use of a submersible pump including foil flange, sealing and screws
- ▶ Visible surface mirror polished

Item	Art. No.	GR	€ RRP w/o VAT
Typ 240*	390 216 00	2	757,00



Floor drain unit for prefabricated pools

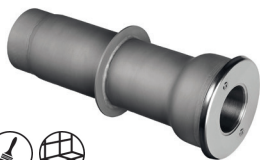
- ▶ Made from V4A (AISI 316)
- ▶ With stud bolt incl. anti-vortex cover

Item	Art. No.	GR	€ RRP w/o VAT
Type prefabricated pool*	951 405 51	2	362,00

* No stock item - delivery time on request



Broom connectors



Broom connection element for concrete and liner pools

- Made from V4A (AISI 316)
- With wall transitions, 2" connection sleeve, broom connection part, seal, screws and cover

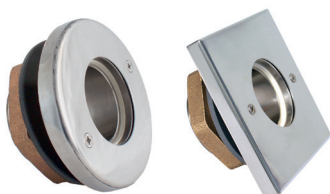
Item	Art. No.	GR	€ RRP w/o VAT
● 250 mm L, 2" sleeve	390 227 00	2	233,00
● 250 mm L, 2" sleeve, but with spread flange	390 226 98	2	287,00
● 300 mm L, 2" sleeve	390 227 01	2	260,00
● 300 mm L, 2" sleeve, but with spread flange	390 226 99	2	301,00
● 250 mm L, 2" sleeve - CUBE Line*	390 227 20	2	271,00

Goes with



390 052 12 Accessories for broom connection element

390 227 05 Dummy plug VA



Broom connection element for prefabricated pools

- Made from V4A (AISI 316)
- With broom connection part, seal, screws, orifice, locknut 2" and PVC washer

Item	Art. No.	GR	€ RRP w/o VAT
● Connector 2"	390 228 00	2	205,00
● Connector 2" - CUBE Line*	390 227 22	2	259,00

Goes with



390 052 12 Accessories for broom connection element

390 227 05 Dummy plug VA

* No stock item - delivery time on request



Accessories for broom connection element

Item	Art. No.	GR	€ RRP w/o VAT
● Luxury end sleeve	390 052 12	7	7,50
● VA dummy plug	390 227 05	7	66,00

Goes with



● ●	● ●	● ●	● ●	● ●	● ●	● ●
390 227 00	390 226 98	390 227 01	390 226 99	390 227 20	390 228 00	390 227 22
Broom connection element for concrete and liner pools	Broom connection element for concrete and liner pools	Broom connection element for concrete and liner pools	Broom connection element for concrete and liner pools	Broom connection element for concrete and liner pools	Broom connection element for prefabricated pools	Broom connection element for prefabricated pools



PAR 56 underwater spotlight



PAR 56 underwater spotlight

- AISI 316 installation niche with spread flange
- With cable protection pipe 1 m

Item	Art. No.	GR	€ RRP w/o VAT
● Installation niche	390 303 49	2	278,00
● Installation niche with spread flange	390 303 50	2	384,00
● Foil flange	390 303 54	2	91,80
● Seal EPDM 3 mm	390 303 53	10	14,10
● Prefabricated built-in basin complete incl. stud flange, screws and seals 250 mm L, 2" socket - CUBE Line	390 303 46	2	495,00

Goes with



● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
390 303 24	390 303 54	390 303 49	390 303 50
Junction box for UWS	Foil flange	PAR 56 underwater spotlight	PAR 56 underwater spotlight installation niche with spread flange



UWS insert complete with cover

12 V, 300 W

Item	Art. No.	GR	€ RRP w/o VAT
● UWS insert, round, white, 12 V, 13.5 W LED	390 303 03-20	6	337,60
● UWS CUBE Line, white, 12 V, 13.5 W LED*	390 303 06	6	376,00
● UWS insert, round, RGB, 12 V, 16 W LED	390 303 04-20	6	404,50
● UWS CUBE Line, RGB, 12 V, 16 W LED*	390 303 07	6	478,00

Goes with



● ● ● ● ● ●	● ● ● ● ● ●	● ● ● ● ● ●	● ● ● ● ● ●	● ● ● ● ● ●	● ● ● ● ● ●
390 303 24	390 303 49	390 303 50	390 303 46	356 001 51	356 001 52
Junction box for UWS	PAR 56 underwater spotlight	PAR 56 underwater spotlight installation niche with spread flange	PAR 56 underwater spotlight installation niche for prefabricated pools	Replacement bulb PAR 56 LED	Replacement bulb PAR 56 LED

* No stock item - delivery time on request



Junction box for UWS

- Made of AISI 316
- With 2 x combi grommet incl. PG screw connection
- Polished visible surface

Item	Art. No.	GR	€ RRP w/o VAT
● Junction box for UWS	390 303 24	2	215,00

Goes with



●	●	●	●	●	●
390 303 49 PAR 56 installation niche PAR 56 underwater spotlight	390 303 50 PAR 56 underwater spotlight	390 303 46 Installation niches prefabricated pools	390 303 60 Installation niche power LED UWS A1/ A2/A4	390 303 86 Installation niche power LED UWS A1/ A2/A4 with spread flange	951 406 03 LED SubAqua XS installa- tion niche



PAR 56 underwater spotlight



Transformers IP 65

Fully encapsulated 220/12-14 volt, TÜV tested, without secondary fuse.

Item	Test voltage	Open-circuit current	Open-circuit voltage	Art. No.	GR	€ RRP w/o VAT
● 50 VA	4KV	0,11 A	13,7 V	390 060 50	6	117,00
● 100 VA	4KV	0,17 A	13 V	390 060 60	6	121,00
● 350 VA	4KV	0,68 A	12,7-14,7 V	390 061 00	6	282,00
● 1050 VA	4KV	0,37/0,5/0,7 A	12,5/13,5/14,5 V	390 065 00	6	420,00

Goes with



● ●
**390 303 03/
04-20**

UWS insert
complete
with cover



Replacement bulb PAR 56 / LED

Due to its standard dimensions, the PAR56 spotlight can be integrated in all installation niches on the market without extensive work as a replacement for the conventional 300 W bulb.

Resistant:

The injection-moulded polycarbonate manufacturing process guarantees impact, heat resistance and a very high resistance to chemical reactions with water treatment transitions. Two welded screw clamps guarantee a secure and stable connection to the 20 volt power supply.

Light colour white:

Ideal as a replacement for the conventional 300 W lightbulbs, this replacement lamp can be used to illuminate pools up to 10 x 15 metres in size, creating a pleasant atmosphere without blinding the swimmer. It is controlled via the pool's fuse box.

Item	Art. No.	GR	€ RRP w/o VAT
Light colour white, 13 W	356 001 51	6	209,00
Light colour RGB with remote control	356 001 52	6	287,00



Replacement bulb PAR 56 LED - Accessories

The 1-channel version allows synchronous control of up to 6 lamps with a maximum power of 120 W. The 4-channel version allows synchronous control of up to 12 lamps with a maximum power per channel of 120 W and a maximum total power of 240 watts.

The remote control supplied offers two buttons per channel, the left button is used to switch the channel on or off, the right button to change the colour of the light. The remote control has a range of approx. 10 metres outdoors. Metallic objects near the spotlight may affect the range (1-2 metres).

Item	Art. No.	GR	€ RRP w/o VAT
1-channel wireless receiver	356 001 54	6	169,00
4-channel wireless receiver	356 001 55	6	210,00



Underwater spotlight LED

NEW!



	SubAqua XS	EVA R6	PAR56	BEHNCKE Power LED
Driver	Mono RGBW (DMX)	Mono RGB (Powerline Konverter)	Mono RGB	Mono RGBW (DMX)
IP protection class	IP68/IPX8	IP68/IPX8	IP68/IPX8	IP68/IPX8
Areas of Application	Private swimming pools, children's pools, swimming pool steps	Private swimming pools	Private swimming pools	Private swimming pools
Kabellänge	10 m	5 m	2,5 m	5 m / 10 m
Max. energy consumption	10W	15W	16W	20W / 40W
LED Type	6 x RGWB LED	6 x RGB LED	LED	6 x RGBW LED
Light output at 6500 K	Comparable with a 100W halogen lamp	Comparable with a 150W halogen lamp	Comparable with a 150W halogen lamp	Comparable with a 200W / 400 W halogen lamp
Colour variants	Mono: Light colour to be determined on the basis of the cable connection RGBW: 6500K (RGBW) or 2700K (RGBWW -warm white)	Mono: Set light colour according to programming RGB: with PLK 9 pre-programmed colours / scenes	Cold white and/or RGB	Mono: Light colour to be determined on the basis of the cable connection RGBW: 6500K (RGBW) or 2700K (RGBWW -warm white)
Diameter Illuminant excl. illusion	ø 54 mm	ø 118 mm	PAR56	ø 118 mm
Warranty	4 years	2 years	2 years	4 years



Choose the right light colour for the swimming pool only at the time of installation.



Always use the full LED capacity through the Intelligent Power Control System.



Multi-angle light beam for powerful light output, uniform illumination and perfect colour mixing.



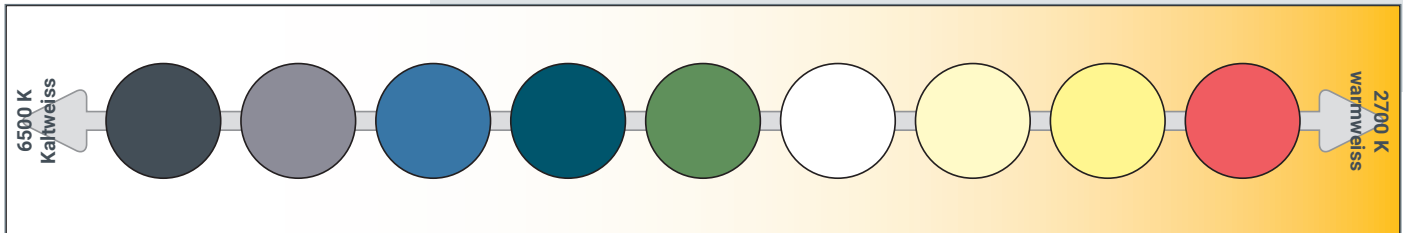
EVA Optics underwater lighting complies with the requirements of the international safety standard IEC EN 60598-2-18.



Lamp in connection
with the foil color

Lamp in connection with foil color

Similar to the choice of the color of the liner, the combination of color temperature and tone can strongly influence the perceived luminosity of the pool. The following illustration is intended to help you select the color temperature of your swimming pool lighting. Just match the desired liner color with the points shown and select when ordering your pool lighting the correct color temperature.



Underwater spotlights LED



Installation niche for underwater floodlights SubAqua XS

Item	Art. No.	GR	€ RRP w/o VAT
● Installation niche SubAqua XS	951 406 03	2	238,60
● Spread flange	951 406 030	2	249,20
● Stud bolts*	951 406 20	2	369,00

Goes with



354 384 00 354 384 01 354 384 06 354 384 07 951 405 90-23 951 405 91-23 951 406 210-23 951 405 90-20 951 406 00 951 406 29

SubAqua XS Warm White 10 W SubAqua XS Clear White 10 W SubAqua XS Warm White 10 W RGBW SubAqua XS Clear White 10 W RGBW Cover for SubAqua XS round Cover for SubAqua XS CUBE Line Cover for SubAqua XS round for recess with stud bolts Universal cover for Q2 and SubAqua XS Foil flange Spanner



NEW!

Underwater spotlights SubAqua XS

- Can be used up to max. 40 °C water temperature
- Incl. power supply unit and 10 metre cable

Item	Art. No.	GR	€ RRP w/o VAT
● SubAqua XS Warm White 10 W	354 384 00	9	649,50
● SubAqua XS Clear White 10 W	354 384 01	9	649,50
● SubAqua XS Warm White 10 W RGBW	354 384 06	9	1.204,00
● SubAqua XS Clear White 10 W RGBW	354 384 07	9	1.204,00

Goes with



951 406 03 951 406 030 951 406 20

Installation niche SubAqua XS LED SubAqua XS installation niche with coating flange Installation niche for underwater light SubAqua XS with stud bolts

* No stock item - delivery time on request



Covers for SubAqua XS round and CUBE Line

Item	Art. No.	GR	€ RRP w/o VAT
Cover for SubAqua XS round	951 405 90-23	2	110,00
Cover for SubAqua XS CUBE Line	951 405 91-23	2	139,00
Cover for SubAqua XS round for recess with stud bolts	951 406 210-23	2	141,00
Universal cover for Q2 and SubAqua XS	951 405 90-20	2	85,00
Foil flange for SubAqua XS	951 406 00	2	71,00
Spanner SW22 for PG-Screw connection SubAqua XS	951 406 29	2	43,00



LED accessories & extras

Item	Art. No.	GR	€ RRP w/o VAT
● DMX control ArchiTec Evo*	354 383 11-22	9	1.700,00
● Cable connection kit IP68 (2-piece) for A-series	354 381 69	9	72,50
● EVA Aquacable RGBW 7 x 0,5 mm ²	354 383 12	9	5,00
● Cable connection set for EVA lamps	354 383 35	10	23,75

Goes with



354 383 48 BEHNCKE Power LED Warm White 20W RGBW	354 383 91 BEHNCKE Power LED Clear White 25 W	354 383 90 BEHNCKE Power LED Warm White 25 W	354 383 93 BEHNCKE Power LED Clear White RGBW 25 W	354 383 92 BEHNCKE Power LED Warm White RGBW 25 W	354 383 95 BEHNCKE Power LED Clear White 40 W	354 383 94 BEHNCKE Power LED Warm White 40 W	354 383 97 BEHNCKE Power LED Clear White RGBW 50 W	354 383 96 BEHNCKE Power LED Warm White RGBW 50 W
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* No stock item - delivery time on request

Underwater spotlights LED



BEHNCKE Power LED with transformer

- Can be used up to max. 40 °C water temperature
- Incl. power supply unit and **10 metre** cable
- Substitute for A6 / A12

Item	Art. No.	GR	€ RRP w/o VAT
● BEHNCKE Power LED Clear White 25 W	354 383 91	9	660,00
● BEHNCKE Power LED Warm White 25 W	354 383 90	9	660,00
● BEHNCKE Power LED Clear White RGBW 25 W	354 383 93	9	1.214,50
● BEHNCKE Power LED Warm White RGBW 25 W	354 383 92	9	1.214,50
● BEHNCKE Power LED Clear White 40 W	354 383 95	9	1.161,50
● BEHNCKE Power LED Warm White 40 W	354 383 94	9	1.161,50
● BEHNCKE Power LED Clear White RGBW 50 W	354 383 97	9	1.742,00
● BEHNCKE Power LED Warm White RGBW 50 W	354 383 96	9	1.742,00

Goes with

390 303 72-21	354 381 63-22	390 303 91-22	390 303 92	354 381 65	354 381 66	354 381 67	354 381 68	951 502 52	951 502 53	951 502 54	951 500 16
Cover for foil and pre-fabricated pools, round	Cover for standard concrete pools, round	Cover for foil and pre-fabricated pools, CUBE	Cover for standard concrete pools, CUBE	Cover for installation niches type Wibre, round, flat	Cover for installation niches type Bega, round, flat	Cover for installation niches type Astra/Lahme, round, flat	Cover for installation niches type MTS, round, flat	Cover for installation niches type Bega, round, crimped	Cover for installation niches type Wibre, round, crimped	Cover for installation niches type MTS, round, crimped	Cover for installation niches type Astral/Lahme, round, crimped

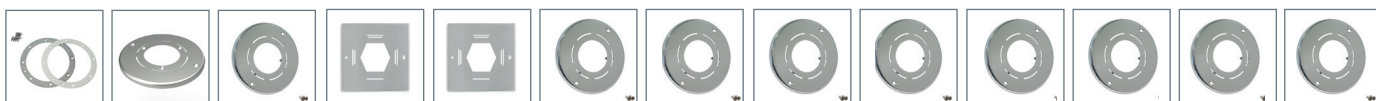


Built-in niches for BEHNCKE Power LED

- ▶ AISI 316 installation niche with spread flange
- ▶ With cable protection pipe 1 m

Item	Art. No.	GR	€ RRP w/o VAT
● Installation niche	390 303 60	2	321,00
● Installation niche with spread flange	390 303 86	2	351,00
● Foil flange kit for LED UWS	390 303 63	2	77,80
● Installation niche prefabricated basin compl. incl. stud bolt flange, screws and gaskets	390 303 71	2	335,00

Goes with



390 303 63	390 303 72-21	354 381 63-22	390 303 91-22	390 303 92	354 381 65	354 381 66	354 381 67	354 381 68	951 502 52	951 502 53	951 502 54	951 500 16
Foil flange Power LED	Cover for foil and pre-fab- ricated pools, round	Cover for standard concrete pools, round	Cover for foil and pre-fab- ricated pools, CUBE	Cover for standard concrete pools, CUBE	Cover for installation niches type Wibre, round, flat	Cover for installation niches type Bega, round, flat	Cover for installation niches type Astra/Lahme, round, flat	Cover for installation niches type MTS, round, flat	Cover for installation niches type Bega, round, crimped	Cover for installation niches type Wibre, round, crimped	Cover for installation niches type MTS, round, crimped	Cover for installation niches type Astral/Lahme, round, crimped



Covers for Power LED UWS, round

For BEHNCKE installation niches.

Item	Art. No.	GR	€ RRP w/o VAT
● For foil and prefabricated pools	390 303 72-21	2	162,20
● For standard concrete pools	354 381 63-22	2	69,40

Goes with



354 383 48	354 383 91	354 383 90	354 383 93	354 383 92	354 383 95	354 383 94	354 383 97	354 383 96
BEHNCKE Power LED Warm White 20W RGBW	BEHNCKE Power LED Clear White 25 W	BEHNCKE Power LED Warm White 25 W	BEHNCKE Power LED Clear White RGBW 25 W	BEHNCKE Power LED Warm White RGBW 25 W	BEHNCKE Power LED Clear White 40 W	BEHNCKE Power LED Warm White 40 W	BEHNCKE Power LED Clear White RGBW 50 W	BEHNCKE Power LED Warm White RGBW 50 W

Underwater spotlights LED



Covers for Power LED UWS, round

For installation niches of the following manufacturers for conversion to LED underwater spotlights.

Item	Art. No.	GR	€ RRP w/o VAT
● Wibre	354 381 65	2	79,50
● Bega	354 381 66	2	81,65
● Astral/Lahme	354 381 67	2	81,10
● MTS	354 381 68	2	79,00
● Bega beaded	951 502 52	2	134,00
● Wibre beaded	951 502 53	2	115,00
● MTS beaded	951 502 54	2	115,00
● Astral/Lahme beaded	951 500 16	2	146,00

Goes with



● ● ● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ● ● ●
354 383 48	354 383 91	354 383 90	354 383 93	354 383 92	354 383 95	354 383 94	354 383 97	354 383 96
BEHNCKE Power LED Warm White 20W RGBW	BEHNCKE Power LED Clear White 25 W	BEHNCKE Power LED Warm White 25 W	BEHNCKE Power LED Clear White RGBW 25 W	BEHNCKE Power LED Warm White RGBW 25 W	BEHNCKE Power LED Clear White 40 W	BEHNCKE Power LED Warm White 40 W	BEHNCKE Power LED Clear White RGBW 50 W	BEHNCKE Power LED Warm White RGBW 50 W



Covers for Power LED UWS, CUBE Line

Item	Art. No.	GR	€ RRP w/o VAT
● For foil and prefabricated pools	390 303 91-22	2	201,40
● For concrete pools	390 303 92	2	161,10

Goes with



● ● ● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ● ● ●
354 383 48	354 383 91	354 383 90	354 383 93	354 383 92	354 383 95	354 383 94	354 383 97	354 383 96
BEHNCKE Power LED Warm White 20W RGBW	BEHNCKE Power LED Clear White 25 W	BEHNCKE Power LED Warm White 25 W	BEHNCKE Power LED Clear White RGBW 25 W	BEHNCKE Power LED Warm White RGBW 25 W	BEHNCKE Power LED Clear White 40 W	BEHNCKE Power LED Warm White 40 W	BEHNCKE Power LED Clear White RGBW 50 W	BEHNCKE Power LED Warm White RGBW 50 W



LED remote control systems

Please note:

A receiver (RGBW or mono, depending on the light type) and at least one remote control or wall panel are always required to control the underwater lights.

Depending on the version, the radio receivers are connected directly to the transformer of the light. Only for underwater floodlights of the BEHNCKE Power LED and SubAqua XS.

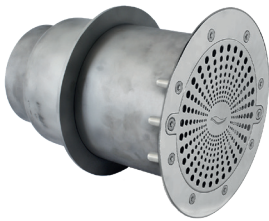
Artikel	For type	Art. No.	GR	€ RRP w/o VAT
● Radio receiver (DMX signal) / RGBW (DMX)	RGBW (DMX)	354 383 20	9	220,00
● Radio remote control (4 zones) / RGBW (DMX)	RGBW (DMX)	354 383 24	9	66,00
● Radio wall panel (1 zone) / RGBW (DMX)	RGBW (DMX)	354 383 23	9	86,00
● Radio receiver (0-10 V dimmer) / Mono	Mono	354 383 19	9	180,00
● Remote control (4 zones) / Mono	Mono	354 383 26	9	74,20

Goes with



● ● ● ●	● ●	● ●	● ● ● ●	● ● ● ●	● ●	● ●	● ● ● ●	● ● ● ●
354 383 48	354 383 91	354 383 90	354 383 93	354 383 92	354 383 95	354 383 94	354 383 97	354 383 96
BEHNCKE Power LED Warm White 20W RGBW	BEHNCKE Power LED Clear White 25 W	BEHNCKE Power LED Warm White 25 W	BEHNCKE Power LED Clear White RGBW 25 W	BEHNCKE Power LED Warm White RGBW 25 W	BEHNCKE Power LED Clear White 40 W	BEHNCKE Power LED Warm White 40 W	BEHNCKE Power LED Clear White RGBW 50 W	BEHNCKE Power LED Warm White RGBW 50 W

Components public / Water attractions



Water measuring suction system

The sample water intake system consists of the BAG 190 sample water intake grille and the BSC sample water intake chamber for sample water extraction in public and private swimming and bathing pools for a maximum volume flow rate of up to 8 m³/h. The sample water intake grille made of highly resistant AISI 316 stainless steel consists of a shapely stainless steel screen with individual openings of < 8 mm. The matching and coordinated sample water intake chamber is equipped as standard with a fixed flange with integrated threaded sleeves and is thus suitable for both concreted pools and prefabricated pools. If sealing systems are used that require an adhesive or spreading flange, this can be ordered as an option. The sample water intake system complies with the specifications of DIN EN 13451-3. When selecting and planning, it must be ensured that 2 sample water intake systems are always taken into account and that they are installed at a distance of at least 2 m (in relation to the outer diameter of the sample water intake grille).

Item	Art. No.	GR	€ RRP w/o VAT
Sample measuring suction intake system, 250 mm	951 500 40-HFS	2	806,00
Sample measuring suction intake system with spread flange, 250 mm	951 500 40-SF	2	858,00



Inlet nozzles

Inlet nozzle for clean water inflow made of stainless steel AISI 316 with connection external thread R1½ or M 45 x 1.5 mm. The inlet nozzle has a nozzle opening diameter of 31 mm as well as an integrated protective grille to protect against a catching point for fingers with individual openings of < 8 mm. Max. Volume flow 5.5 m³/h while maintaining the flow velocity of 2 m/s. The inlet nozzle complies with the requirements of DIN EN 13451-1.

Item	Art. No.	GR	€ RRP w/o VAT
Inlet nozzle 1 1/2" with nozzle grille	951 500 92	2	92,50
Inlet nozzle M 45 x 1.5 m with nozzle grille	951 500 90	2	85,40

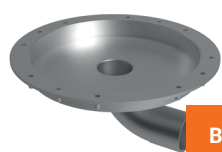


NEW!

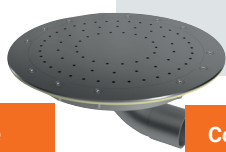
Aerator

Beautifully shaped aerator made of stainless steel.

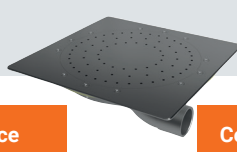
- Made of (AISI 316)
- Connection 2" IG; 90° outlet



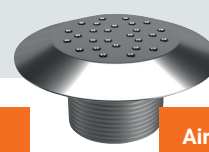
**Built-in niche
aerator**
(951 596 00)



**Cover 2-piece
round**
(951 596 01)

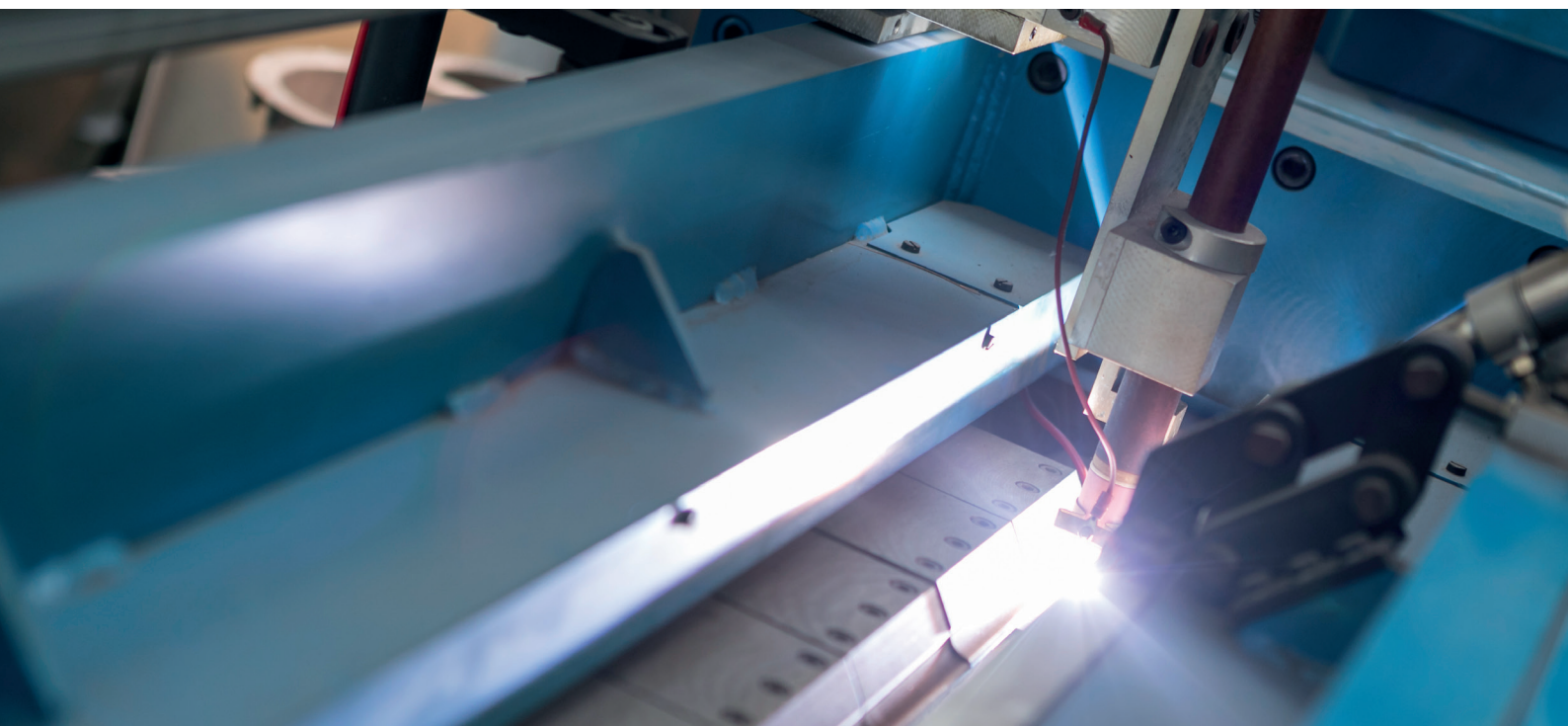


**Cover 2-piece
Cube line**
(951 596 02)



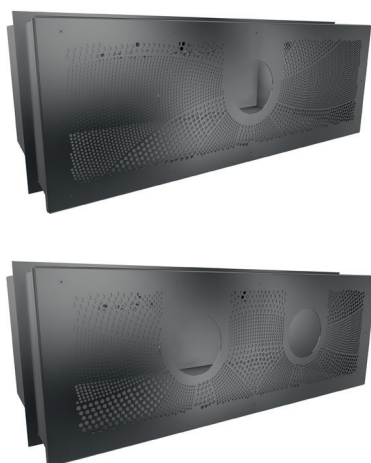
**Air jet nozzle
D100**
(951 503 01)

Item	Art. No.	GR	€ RRP w/o VAT
Built-in niche*	951 596 00	2	693,00
Cover 2-piece round for aerator with seal and screws*	951 596 01	2	376,00
Cover 2-piece Cube line with seal and screws*	951 596 02	2	449,00
Air jet nozzle D100 connection R 1½"	951 503 01	2	79,80



* No stock item - delivery time on request

BEHNCKE counter-flow systems



BEHNCKE Stream turbine swimming system WideX1/X2

The BEHNCKE Stream is a powerful and compact turbine swimming system. Having this counter current system BEHNCKE Stream, a new era of home fitness has started. It has never been more beautiful and challenging to exercise at home. You will experience your pool in a whole new way with BEHNCKE Stream. The possibilities of your own swimming pool are increased by this powerful turbine swimming system. By investing in an BEHNCKE Stream, you can discover your pool in a whole new way and now really swim laps, even if the pool is not that large.

Home fitness and fun for everyone.

Is so powerful that it even provides a challenging workout for competitive swimmers at a high level. The flow speed can be easily adjusted to the swimmer's level, because everyone swims differently. The BEHNCKE Stream offers many possibilities: improve swimming technique, work on fitness and endurance, but also aqua jogging, water polo training and playing in the "rapids". Fitness, relaxation and fun: fantastic for the whole family!

The **BEHNCKE Stream** meets all safety requirements. The strength of the facility makes strict compliance with safety measures. The innovative design has a fine-mesh hair filter as standard. Thus, the unit complies with the safety standards EN 16852-1 and EN16713-2 for private swimming pools, but also with the EN13451-1/3 standard for public swimming pools.

Addition to the product:

Training programmes can be called up via the web interface. This can also be used to visualise light in conjunction with the performance of the BEHNCKE Stream, can also be visualised.

Technical note:

The BEHNCKE controller can only be operated with a touchscreen tablet. We recommend a screen size of 9.7" to 11" for optimal functioning of the web interface.

The following tablet operating systems are suitable:

- ▶ Android tablets with Android version 12 or higher
- ▶ Apple tablets with iOS 15.3 or higher

Item	Art. No.	GR	€ RRP w/o VAT
● Installation niche BEHNCKE WideX1/X2 for liner pools incl. foil flange V4A	951 599 22	8	2.218,00
● Installation niche BEHNCKE WideX1 incl. screws, gasket, flange and cable gland, polypropylene	354 384 20	8	1.735,00
● Installation niche BEHNCKE WideX1/X2 for VA pools, moulded surface + flange	951 599 03	8	2.295,00
● Installation niche BEHNCKE WideX1/X2 for GRP basins with stud bolts incl. foil flange (max. 3° slope)	951 599 09	8	3.005,00


NEW!

BEHNCKE Stream Next models suitable for BEHNCKE Stream turbine swimming system WideX1/X2



Illustrations BEHNCKE Stream Next 225 & 275 & 350

BEHNCKE Stream Next 225 (formerly FIT)

Popular with **recreational swimmers** who want to swim in a relaxed and effortless manner. The single turbine generates a flow rate of 225 m³/h with a maximum swimming speed of 5.5 m/s (1:40 minutes per 100 m).

BEHNCKE Stream Next 275

For **experienced swimmers** who want to actively work on their fitness and condition. The single turbine generates a flow rate of 275 m³/h with a maximum swimming speed of 6.7 m/s (1:25 minutes per 100 m).

BEHNCKE Stream Next 450 (formerly MAX)

Suitable for **experienced swimmers** looking for an intensive swimming experience. The double turbine offers a combination of power and comfort, ideal for endurance training. It generates a flow rate of 2 x 225 m³/h with a maximum swimming speed of 2 x 5.5 m/s (1:15 minutes per 100 m).

BEHNCKE Stream Next 350 (formerly PRO)

The choice for **professional swimmers** looking for powerful currents for challenging training sessions. The single turbine generates a flow rate of 350 m³/h with a maximum swimming speed of 8.6 m/s (1:10 minutes per 100 m).

BEHNCKE Stream Next 550

COMING SOON

Developed for **professional swimmers** who want the ultimate swimming experience. The double turbine creates a comfortable yet powerful current with 2 x 275 m³/h flow rate and a maximum swimming speed of 2 x 6.7 m/s (1:05 minutes per 100 m), challenging even top athletes.

The BEHNCKE Stream Next specifications can be found on the next page (page 164).

In addition to the turbine, a control option from page 168 is required.

Item	Art. No.	GR	€ RRP w/o VAT
BEHNCKE Stream Next 225 turbine (formerly FIT) (1 turbine)	354 384 26	8	7.695,00
BEHNCKE Stream Next 275 turbine (1 turbine)	354 384 27	8	9.295,00
BEHNCKE Stream Next 350 turbine (formerly PRO) (1 turbine)	354 384 29	8	10.595,00
BEHNCKE Stream Next 450 turbine (formerly MAX) (2 turbines)	354 384 28	8	14.995,00

BEHNCKE counter-flow systems

BEHNCKE Stream Next specifications

BEHNCKE Stream Next 225



BEHNCKE Stream Next 275



Recommendation for use	Recreational swimmer	Experienced swimmers
Delivery rate	45 - 225 m³/h (adjustable flow)	55 - 275 m³/h (adjustable flow)
Water velocity	1,1 - 5,5 m/s	1,3 - 6,7 m/s
Speed in the swimming zone	1:40 sec. per 100 metres	1:25 sec. per 100 metres
Minimum pool dimensions	4,5 x 2,5 metres (l x w)	4,5 x 2,5 metres (l x w)
Warranty	2 - 3 year manufacturer's warranty*	2 - 3 year manufacturer's warranty*
Turbine control unit		
Dimensions	290 x 105 x 91 mm (l x w x h)	380 x 90 x 96 mm (l x w x h)
IP protection class	IP 20	IP 20
Operating temperature	-20 °C bis 32 °C, dry / condensation-free	-20 °C bis 32 °C, dry / condensation-free
Electrical specifications Input		
Supply voltage (Vac)	90 - 264 Vac	90 - 264 Vac
Frequency range	47 - 63 Hz	47 - 63 Hz
Rated current (A)	4 A 230 Vac	6 A 230 Vac
Power consumption VA (PF> 0.95)	900 W	1300W
Standby power consumption (W)	5 W	40 W
PPM-Input	PPM 2	PPM2
Electrical specifications Output		
Turbine output	BLDC	BLDC
Turbine connection Power supply	3 x 1 x 16 mm²	3 x 1 x 16 mm²
Rated voltage (Vdc)	24 Vdc	24 Vdc
Rated current (A)	35 A	50 A
Turbine		
Number of turbines	1 turbine	1 turbine
Cable type	3 x 1 x 16 mm²	3 x 1 x 16 mm²
Cable length	8 metres, extendable to max. 35 metres	8 metres, extendable to max. 30 metres
IP protection class	IPX8	IPX8
Motor type	Brushless motor	Brushless motor
Water temperature	5 °C to 35 °C	5 °C to 35 °C

Safety measures (applies to all BEHNCKE Stream Next): Short circuit, overvoltage, overload, over-temperature protection, voltage/current control, mosfet temperature control



COMING SOON

BEHNCKE Stream Next 450



BEHNCKE Stream Next 350



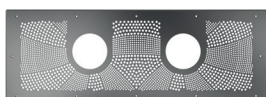
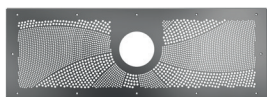
BEHNCKE Stream Next 550



Experienced swimmers	Professional swimmer	Professional swimmer
90 - 450 m³/h (adjustable flow)	70 - 350 m³/h (adjustable flow)	110 - 550 m³/h (adjustable flow)
2 x 1,1 - 5,5 m/s	1,7 - 8,6 m/s	2 x 1,3 - 6,7 m/s
1:15 sec. per 100 metres	1:10 sec. per 100 metres	1:05 sec. per 100 metres
4,5 x 2,5 metres (l x w)	4,5 x 2,5 metres (l x w)	4,5 x 2,5 metres (l x w)
2 - 3 year manufacturer's warranty*	2 - 3 year manufacturer's warranty*	2 - 3 year manufacturer's warranty*
360 x 182 x 117 mm (l x w x h)	380 x 90 x 96 mm (l x w x h)	360 x 182 x 117 mm (l x w x h)
IP 20	IP 20	IP 20
-20 °C bis 32 °C, dry / condensation-free	-20 °C bis 32 °C, dry / condensation-free	-20 °C bis 32 °C, dry / condensation-free
180 - 264 Vac	90 - 264 Vac	180 - 264 Vac
47 - 63 Hz	47 - 63 Hz	47 - 63 Hz
9 A 230 Vac	8 A 230 Vac	12 A 230 Vac
1800 W	1700 W	2600 W
80 W	40 W	80 W
PPM2	PPM2	PPM2
BLDC	BLDC	BLDC
3 x 1 x 16 mm²	3 x 1 x 16 mm²	3 x 1 x 16 mm²
24 Vdc	24 Vdc	24 Vdc
2 x 35 A	65 A	2 x 50 A
2 turbines	1 turbine	2 turbines
3 x 1 x 16 mm²	3 x 1 x 16 mm²	3 x 1 x 16 mm²
8 metres, extendable to max. 25 metres	8 metres, extendable to max. 25 metres	8 metres, extendable to max. 25 metres
IPX8	IPX8	IPX8
Brushless motor	Brushless motor	Brushless motor
5 °C to 35 °C	5 °C to 35 °C	5 °C to 35 °C

*Register your product at www.evaoptic.com for a 3-year warranty

BEHNCKE counter-flow systems



Covers for BEHNCKE Stream turbine swimming System WideX1/X2

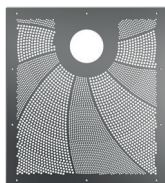
Item	Art. No.	GR	€ RRP w/o VAT
● Cover BEHNCKE WideX1 for liner pools (1 turbine)	951 599 12	8	823,00
● Cover ABS for WideX1, colour anthracite	354 384 21	8	598,00
● Cover BEHNCKE WideX2 for liner pools (2 turbines)	951 598 79	8	823,00
● Cover BEHNCKE WideX1 for VA pools or tiled pools	951 598 97	8	929,00
● Cover BEHNCKE WideX2 for VA pools or tiled pools	951 598 78	8	929,00
● Cover BEHNCKE WideX1 for GRP pools (1 turbine)	951 598 70	8	1.150,00
● Cover BEHNCKE WideX2 for GRP pools (2 turbines)	951 598 69	8	1.150,00



BEHNCKE Stream turbine swimming system SquareX1

See description on page 162.

Item	Art. No.	GR	€ RRP w/o VAT
● Installation niche BEHNCKE SquareX1 for foil pools incl. foil flange - only while stocks last -	951 599 15	8	2.256,00
● BEHNCKE Stream Next 225 turbine (formerly Fit)	354 384 26	8	7.695,00
● BEHNCKE Stream Next 350 turbine (formerly Pro)	354 384 29	8	10.595,00



Covers for BEHNCKE Stream turbine swimming system SquareX1

Item	Art. No.	GR	€ RRP w/o VAT
● Cover BEHNCKE SquareX1 for foil pools	951 599 17	8	841,00
● Cover BEHNCKE SquareX1 for VA pools or tiled pools*	951 598 96	8	1.118,00
● Cover BEHNCKE SquareX1 for GRP pools	951 599 01	8	1.165,00

*Spread flange



PIEZO fitting for attraction control

Item	Art. No.	GR	€ RRP w/o VAT
● ● Installation niche for piezo control panel for foil pools	951 598 74	8	245,50
● ● Installation niche for piezo control panel for VA pools or tiled pools*	951 598 65	8	264,00
● ● Installation niche for piezo control panel with strike flange	951 597 10	8	249,00
● ● Installation niche for piezo control panel for GRP pools	951 598 63	8	413,00
● ● Foil flange kit for installation niche Piezo	951 598 73	8	50,50
● ● Piezo control unit for foil pool	354 383 77	8	890,00
● ● ● Piezo control unit for VA pools, tile pools* and GRP pools	354 383 78	8	918,00



PIEZO fitting REVOLUTION for attraction control

Item	Art. No.	GR	€ RRP w/o VAT
● ● ● ● ● ● REVOLUTION System 170 AISI 316 Built-in niche	370 170 00	3	230,75
● ● REVOLUTION System 170 AISI 316 Spread flange set for installation pot for tiled pools	370 170 05	3	74,00
● ● REVOLUTION System 170 AISI 316 Cover, two-piece incl. 3 x PIEZO buttons for liner pools	370 170 45	3	940,00
● ● REVOLUTION System 170 AISI 316 Cover, one-piece incl. 3 x PIEZO buttons for tiled/stainless steel pools	370 170 50	3	865,00
● ● REVOLUTION System 170 AISI 316 Cover, two-piece incl. 3 x PIEZO buttons for prefabricated pools	370 170 55	3	952,00
● ● ● ● ● ● REVOLUTION System 170/240 PVC Adapter for Cable transition with seal, PG screw connection, G1 1/2" - M25 x 1.5 mm	370 240 55	3	50,00

Accessories

Further Behncke Stream control options can be found on the next page (page 168).

Item	Art. No.	GR	€ RRP w/o VAT
Piezo push-button for panel mounting (external switch to be installed on site)	354 383 59	8	709,00
Junction box for BEHNCKE Stream turbine complete with 6 cable glands and 3 colored shrink tubes	354 383 69	8	221,00

*Spread flange

BEHNCKE Control control options

NEW!



Illustrations BEHNCKE Control
1 Essential, Control 2 Training,
Control 3 Pro Training



Illustrations BEHNCKE App

BEHNCKE Control control options

BEHNCKE Control 1 Essential

Control the BEHNCKE Control via the BEHNCKE Web App on your smartphone or tablet.

Functions:

Switch on/off, speed and timer. This control option does not contain any pre-installed training sessions. Coupling with the BEHNCKE underwater lighting is optional. Expandable with the IP67 remote control.

BEHNCKE Control 2 Training

Control the BEHNCKE Control via the BEHNCKE Web App on your smartphone or tablet.

Functions:

Switch on/off, speed and timer as well as 3 pre-installed swim workouts. Coupling with the BEHNCKE underwater lighting is optional. Expandable with the IP67 remote control.

BEHNCKE Control 3 Pro Training

Control the BEHNCKE Control via the BEHNCKE Web App on your smartphone or tablet.

Functions:

Switch on/off, speed and timer as well as 3 complete training programmes with over 20 pre-installed swim workouts. Coupling with the BEHNCKE underwater lighting is optional. Expandable with the IP67 remote control.

The BEHNCKE Control specifications can be found on the left (page 169).

Item	Art. No.	GR	€ RRP w/o VAT
BEHNCKE Control 1 Essential 230 Vac	354 384 32	8	795,00
BEHNCKE Control 2 Training 230 Vac	354 384 33	8	1.490,00
BEHNCKE Control 3 PRO Training 230 Vac	354 384 34	8	1.790,00
BEHNCKE remote control IP67 incl. receiver & antenna	354 384 35	8	595,00



BEHNCKE Control specifications

BEHNCKE Control 1 Essential



BEHNCKE Control 2 Training



BEHNCKE Control 3 Pro Training



Suitable for BEHNCKE Stream Typ	BEHNCKE Stream Next 225, 275, 350, 450, 550	BEHNCKE Stream Next 225, 275, 350, 450, 550	BEHNCKE Stream Next 225, 275, 350, 450, 550
Available BEHNCKE-web app functions	Start/ Stop Speed / Timer	Start/ Stop Speed / Timer 3 swim training sessions	Start/ Stop Speed / Timer 20 swim training sessions
Connection with BEHNCKE Underwater lighting	Optional (extension)	Optional (extension) Compatible with swimmingtraining	Optional (extension) Compatible with swimmingtraining
Connection BEHNCKE Remote control	Optional (extension)	Optional (extension)	Optional (extension)
ECA Unit			
Dimensions	158 x 119 x 75 mm (l x w x h)	158 x 119 x 75 mm (l x w x h)	158 x 119 x 75 mm (l x w x h)
IP protection class	IP 20	IP 20	IP 20
Operating temperature	-20 °C bis 32 °C dry / condensation-free	-20 °C bis 32 °C dry / condensation-free	-20 °C bis 32 °C dry / condensation-free
Warranty	2-year manufacturer's warranty	2-year manufacturer's warranty	2-year manufacturer's warranty
Electrical Specifications Input			
Supply voltage (Vac)	230 Vac 10 W	230 Vac 10 W	230 Vac 10 W
Pulse input (piezo-capable)	3 x piezo-capable	3 x piezo-capable	3 x piezo-capable
Electrical Specifications Output			
PPM-Output	PPM 2	PPM 2	PPM 2
Light control output	DMX	DMX - BEHNCKE	DMX - BEHNCKE
Fan power 5 W (switch box ventilation)	24 Vdc 5 W	24 Vdc 5 W	24 Vdc 5 W

Speck counter-flow systems

Design 1



Design 2



BADU Jet Turbo Pro

At up to 350 m³/h, the BADUJET Turbo Pro has a significantly higher flow rate than conventional systems. And is significantly quieter. The system's output can be selected from 7 levels using the integrated sensor buttons or remote control. Performance-orientated training, professional workout, relaxation, rehab training, fun - adapt the system perfectly to your individual needs.

The BADUJET Turbo Pro is powered by an efficient permanent magnet motor. The power transmission to the propeller is contactless via a magnetic coupling, and the design is also particularly low-wear without a continuous drive shaft and dynamic sealing. And particularly safe, as all electrical components are hermetically separated from the pool water. The standard-compliant design conforms to DIN EN 16582-1 and DIN EN 16713-2, among others.

Suitable for wall installation in all pool designs up to a wall thickness of 7 mm, except round pools.

Water is sucked in through a flush-mounted installation housing via the cover using innovative propeller technology and returned to the pool with a powerful jet. The system is driven by an efficient, fanless, fully encapsulated permanent magnet motor. Power regulation and switching on and off is carried out using the integrated piezo buttons or a remote control.

Item	kW	Volt	Art. No.	GR	€ RRP w/o VAT
BADU Jet Turbo Pro Stand Mounting Kit Design 1*			395 200 41	8	6.309,00
BADU Jet Turbo Pro Stand Mounting Kit Design 2*			395 200 42	8	6.309,00
BADU Jet Turbo Pro drive set*	3,0	400 V	395 200 43	8	6.309,00

* No stock item - delivery time on request



Inbuilt parts – DESIGN EDITION – BLACKLINE

NEW!

DESIGN EDITION – BLACKLINE

Manufactured in the company's own factory near Munich, the stainless steel components are real winners not just visually. BEHNCKE uses the high-quality raw material AISI 316 stainless steel as the basic material for the products. This makes the products very durable and robust. Inlet nozzles, floor drains and skimmers ensure optimum flow in the pool with absolutely clean water.

The newly developed BLACKLINE series will be available to the market from the beginning of 2024. Individuality means freedom of choice. Thus, the topic of individualisation is a trend. This is why the idea of the BLACKLINE series for our stainless steel inbuilt parts was born. This special edition combines BEHNCKE quality with individual design.

As a finishing technique, we use a surface treatment by means of a special process.



Cover B500 Slim
(390 550 10-B)



Strainer insert B280
(390 280 10-BL)



Inlet nozzle M45 4 x 7,9 mm
(390 219 36-B)

Item	Art. No.	GR	€ RRP w/o VAT
Cover B500 Slim	390 550 10-BL	2	218,90
Strainer insert B280	390 280 10-BL	2	357,50
Inlet nozzle M45 4 x 7,9 mm	390 219 36-BL	2	110,00

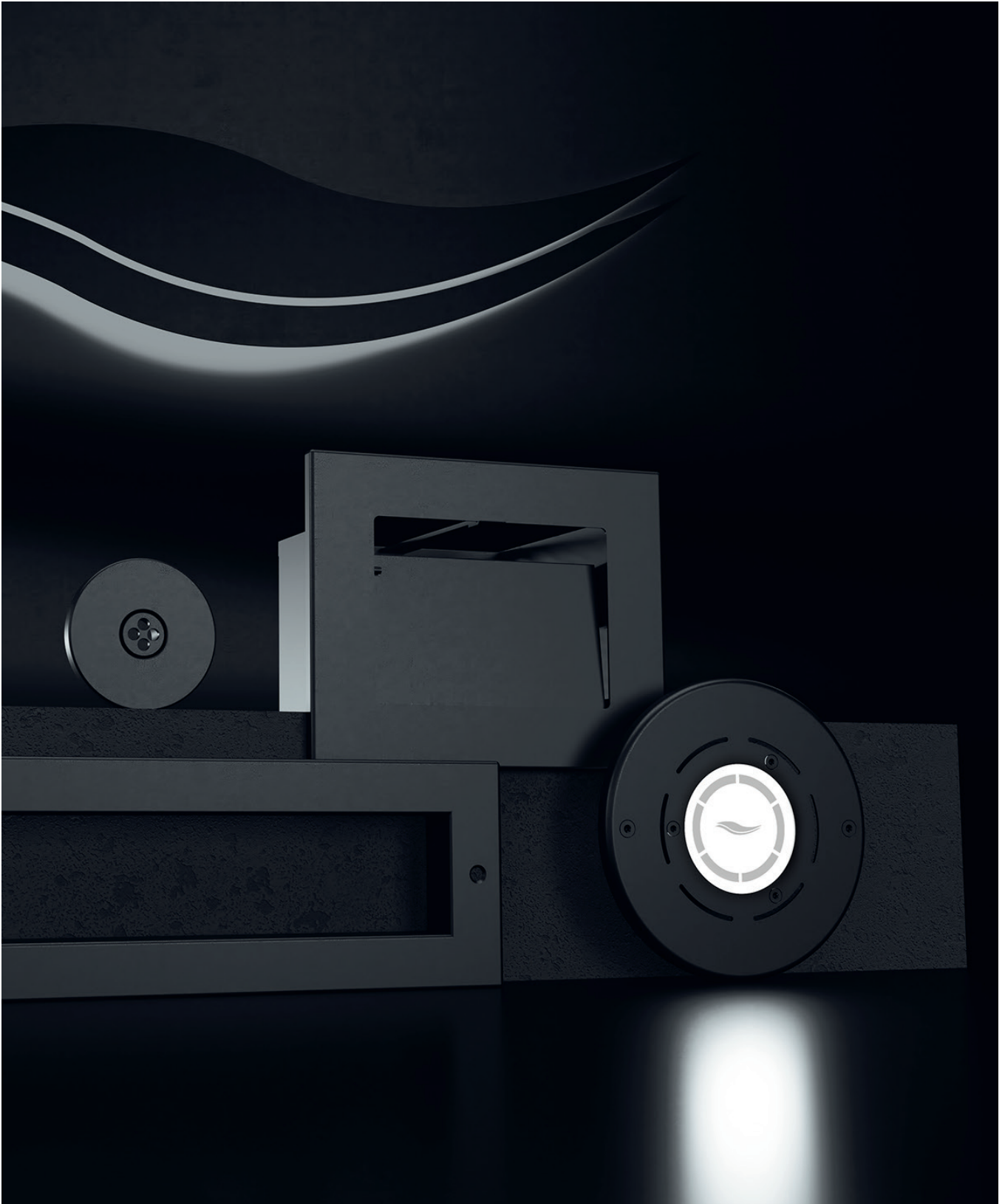


2-Piece Cover BA 150
(39021015-HFS-BL)



Cover EVA LED flanged
(390 303 72-21-BL)

Item	Art. No.	GR	€ RRP w/o VAT
2-Piece Cover BA 150	390 210 15-HFS-BL	2	147,40
Cover EVA LED flanged	390 303 72-21-BL	2	178,50

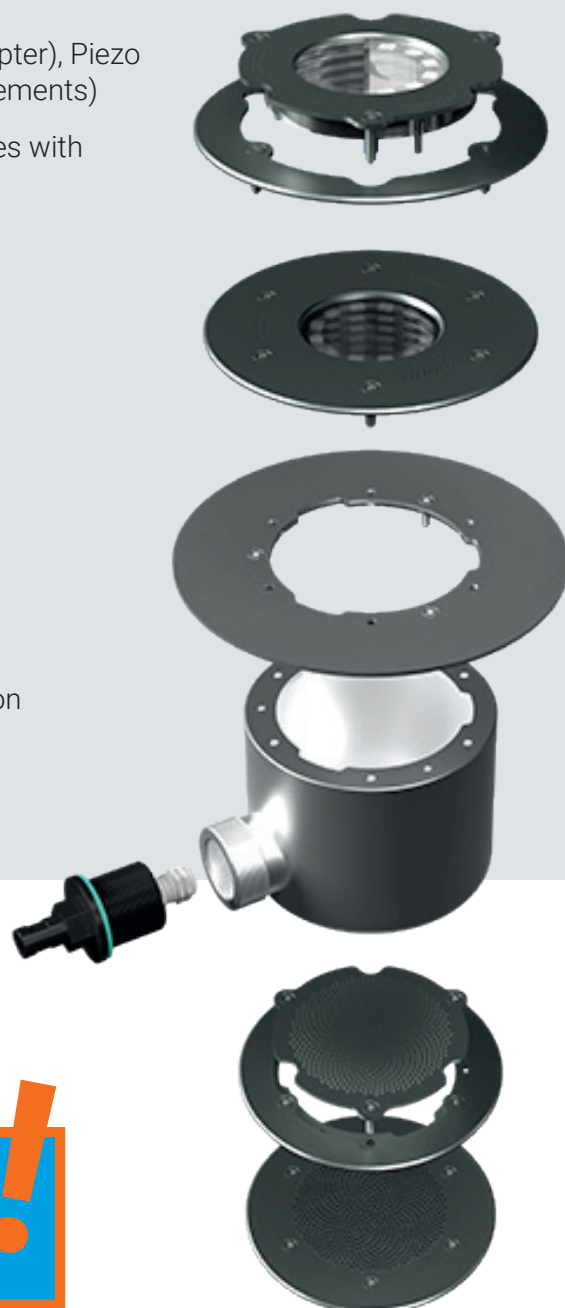


NEW!


REVOLUTION

THE NEW DIMENSION OF STAINLESS STEEL BUILT-IN PARTS. ALL THE ADVANTAGES AND NEWS AT A GLANCE.

- ▶ New refined, modern stainless steel look
- ▶ Modular design: Light built-in part (niche built-in part + adapter), Piezo user interface (light cover + 3-fold piezo adapter + piezo elements)
- ▶ 1 model (basic installation part) fits all swimming pool types with matching adapters, covers and seals:
 - ▶ Exposed concrete
 - ▶ Tiled / painted concrete / natural stone lining
 - ▶ Swimming pool liner
 - ▶ System pool
 - ▶ Stainless steel pools
- ▶ Flat cover, only 3 mm standing out
- ▶ Industrial, functional design – Torx screws finished in REVOLUTION look as a design element
- ▶ Variable connection options 2" external thread / 1 ½" internal thread
- ▶ Integrated sacrificial anode = additional corrosion protection
- ▶ Suitable for all structural thicknesses and hair trap-proof according to DIN EN 13451-3



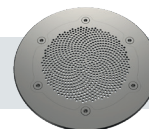
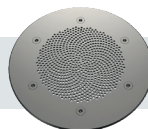
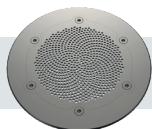

REVOLUTION

**Scan QR code and learn
more in the video.**

NEW!

REVOLUTION SYSTEM 170

With floor drain cover:



With LED cover:



With PIEZO cover:



Type	Liner pool	Tiled pool / Stainless steel pool	Prefabricated pool
Material (stainless steel)	1.4404 V4A (AISI 316L)		
Built-in niche	370 170 00		
Spread flange	-	370 170 05 or	-
Clamping flange	-	370 170 60	-
Adapter for Cable transition	370 170 40		
Floor drain cover	370 170 10	370 170 15	370 170 20
Cover for BEHNCKE Power LED	370 170 25	370 170 30	370 170 35
Panel with 3 x PIEZO buttons	370 170 45	370 170 50	370 170 55

Floor drain cover:

- » Hair trap proof according to DIN EN 13451-3 and guideline 60.03 DGfdB suitable for 4.5 m³/h @ 0.3 m/s
- » Hair trap safe according to DIN EN 13451-3, suitable for 7.4 m³/h @ 0.5 m/s

REVOLUTION SYSTEM 170

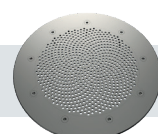
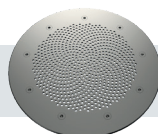
Item	Art. No.	GR	€ RRP w/o VAT
NEW! REVOLUTION System 170 AISI 316 Built-in niche	370 170 00	3	230,75
REVOLUTION System 170 AISI 316 Built-in niche with spread flange	370 171 00	3	290,00
REVOLUTION System 170 AISI 316 Spread flange set for installation pot for tiled pools	370 170 05	3	74,00
REVOLUTION System 170 AISI 316 Clamping flange set for built-in floor drain, LED	370 170 60	3	38,70
REVOLUTION System 170 AISI 316 Cover, two-piece for floor drain liner pool	370 170 10	3	167,20
REVOLUTION System 170 AISI 316 Cover, one-piece for floor drain tiled/stainless steel pools	370 170 15	3	94,30
REVOLUTION System 170 AISI 316 Cover, two-piece for floor drain prefabricated pool	370 170 20	3	179,70
REVOLUTION System 170 AISI 316 Cover, two-piece for BEHNCKE PowerLED for liner pools	370 170 25	3	182,80
REVOLUTION System 170 AISI 316 Cover, one-piece for BEHNCKE PowerLED for tiled pools	370 170 30	3	103,20
REVOLUTION System 170 AISI 316 Cover, two-piece for BEHNCKE PowerLED for prefabricated pools	370 170 35	3	195,40
REVOLUTION System 170 AISI 316 Cover, two-piece incl. 3 x PIEZO buttons for liner pools	370 170 45	3	940,00
REVOLUTION System 170 AISI 316 Cover, one-piece incl. 3 x PIEZO buttons for tiled/stainless steel pools	370 170 50	3	865,00
REVOLUTION System 170 AISI 316 Cover, two-piece incl. 3 x PIEZO buttons for prefabricated pools	370 170 55	3	952,00
REVOLUTION System 170/240 PVC Adapter for Cable transition with seal, PG screw connection, G1 1/2" - M16 x 1.5 mm	370 170 40	3	80,20

REVOLUTION - THE NEW DIMENSION OF STAINLESS STEEL BUILT-IN PARTS

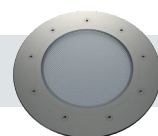
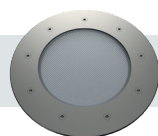
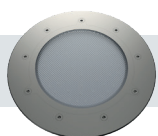
NEW!

REVOLUTION SYSTEM 240

With floor drain cover:



With LED cover:



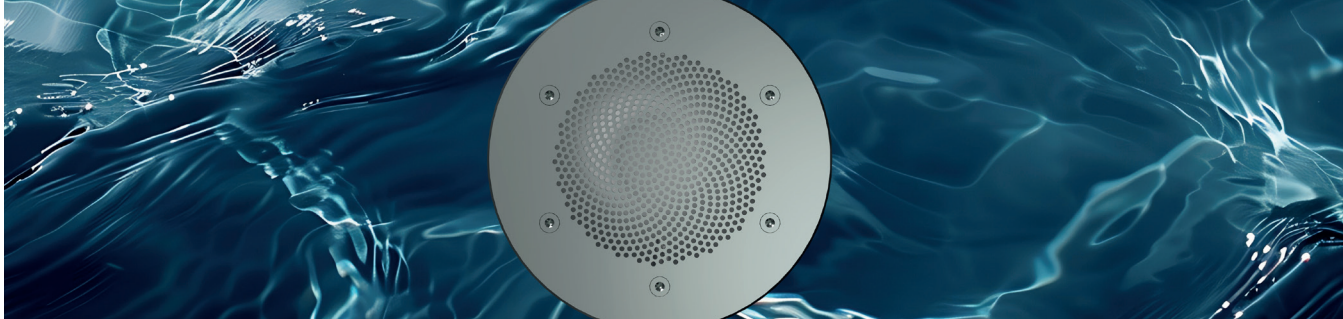
Type	Liner pool	Tiled pool / Stainless steel pool	Prefabricated pool
Material (stainless steel)	1.4404 V4A (AISI 316L)		
Built-in niche	370 240 00		
Spread flange	-	370 240 05	-
Clamping flange	-	370 240 60 or	-
Adapter for Cable transition	370 240 55		
Floor drain cover	370 240 10	370 240 15	370 240 20
Cover with PAR 56 LED (white)	370 240 25	370 240 30	370 240 35
Cover with PAR 56 LED (RGB)	370 240 40	370 240 45	370 240 50

Floor drain cover:

- » Hair trap safe according to DIN EN 13451-3 and guideline 60.03 DGfDB suitable for 7.9 m³/h @ 0.3 m/s
- » Hair trap safe according to DIN EN 13451-3 suitable for 13.1 m³/h @ 0.5 m/s

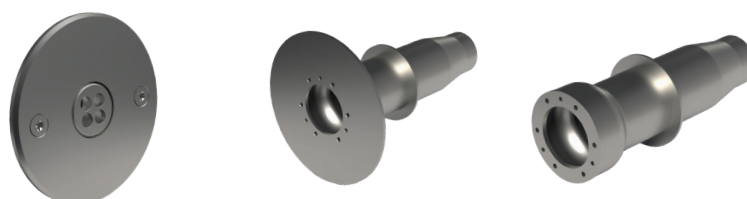
REVOLUTION SYSTEM 240

Item	Art. No.	GR	€ RRP w/o VAT
REVOLUTION SYSTEM 240 AISI 316 Built-in niche	370 240 00	3	295,00
REVOLUTION SYSTEM 240 AISI 316 Built-in niche with spread flange	370 240 65	3	351,60
REVOLUTION System 240 AISI 316 Spread flange set for built-in niche tiled basins	370 240 05	3	102,20
REVOLUTION System 240 AISI 316 Clamping flange set for built-in niche	370 240 60	3	77,85
REVOLUTION System 240 AISI 316 Cover, two-piece for floor drain liner pools	370 240 10	3	220,00
REVOLUTION System 240 AISI 316 Cover, one-piece for floor drain tiled/stainless steel pools	370 240 15	3	138,60
REVOLUTION System 240 AISI 316 Cover, two-piece for floor drain prefabricated pool	370 240 20	3	238,40
REVOLUTION System 240 AISI 316 Screen, two-piece with PAR 56 LED white for liner pools	370 240 25	3	449,00
REVOLUTION System 240 AISI 316 Cover, one-piece with PAR 56 LED white for tiled/stainless steel pools	370 240 30	3	364,00
REVOLUTION System 240 AISI 316 Cover, two-piece with PAR 56 LED white for prefabricated pools	370 240 35	3	468,00
REVOLUTION System 240 AISI 316 Screen, two-piece with PAR 56 LED RGB for liner pools	370 240 40	3	494,00
REVOLUTION System 240 AISI 316 Cover, with PAR 56 LED RGB for tiled/stainless steel pools	370 240 45	3	463,00
REVOLUTION System 240 AISI 316 Screen, two-piece with PAR 56 LED RGB for prefabricated pools	370 240 50	3	567,00
REVOLUTION System 170/240 PVC Adapter for Cable transition with seal, PG screw connection, G1 1/2" - M25 x 1.5 mm	370 240 55	3	50,00



NEW!

REVOLUTION SYSTEM all transition, incl. inlet nozzle



Type	Liner pool	Tiled pool / Stainless steel pool	Prefabricated pool
Material (stainless steel)	1.4404 V4A (AISI 316L)		
Wall transition	370 250 00 or		
Spread flange	-	370 250 05	-
Clamping flange	-	370 250 15	-
Adapter from 250mm to 300mm	370 250 10		

Art. No.	Ball	Volume flow (at 4m/s)	Volume flow (at 5m/s)
370 250 20	1 x 7,9 mm	1,0 m³/h	1,25 m³/h
370 250 30	3 x 7,9 mm	3,0 m³/h	3,75 m³/h
370 250 35	4 x 7,9 mm	4,0 m³/h	5,0 m³/h

» Pressure loss 0.03 bar @ 4 m/s; 0.05 bar @ 5 m/s

REVOLUTION SYSTEM Wall duct

Item	Art. No.	GR	€ RRP w/o VAT
REVOLUTION System AISI 316 Wall transition 250 mm, G1 1/2" connection	370 250 00	3	104,30
REVOLUTION System AISI 316 Wall transition 250 mm with spread flange, G1 1/2" connection	370 250 25	3	149,00
REVOLUTION System AISI 316 Spread flange set for wall transition 250 mm	370 250 05	3	50,40
REVOLUTION System AISI 316 Clamping flange set for wall transition 250 mm with G1 1/2" connection	370 250 15	3	31,20
REVOLUTION System AISI 316 Adapter set for wall transition 250 mm to 300 mm, G1 1/2"	370 250 10	3	23,70
REVOLUTION System AISI 316 Inlet nozzle round D105 mm, ball 1 x 7.9 mm with screws and seal	370 250 20	3	148,10
REVOLUTION System AISI 316 Inlet nozzle round D105 mm, ball 3 x 7.9 mm with screws and seal	370 250 30	3	145,15
REVOLUTION System AISI 316 Inlet nozzle round D105 mm, ball 4 x 7.9 mm with screws and seal	370 250 35	3	148,70
REVOLUTION System AISI 316 Torx screws M6 x 45 for inlet nozzles	370 250 40	3	9,90

REVOLUTION - THE NEW DIMENSION OF STAINLESS STEEL BUILT-IN PARTS

NEW!

REVOLUTION SYSTEM B 500



Type	Liner pool
Material (stainless steel)	1.4404 V4A (AISI 316L)
Cover for B 500 Slim	370 550 00
Cover for B 500 Ultimate	370 550 10

REVOLUTION SYSTEM B 500

Item	Art. No.	GR	€ RRP w/o VAT
REVOLUTION System V4A cover B 500 Slim, for liner pools	370 550 00	3	248,70
REVOLUTION System V4A cover B 500 Ultimate, for liner pools	370 550 10	3	235,00

REVOLUTION XANAS



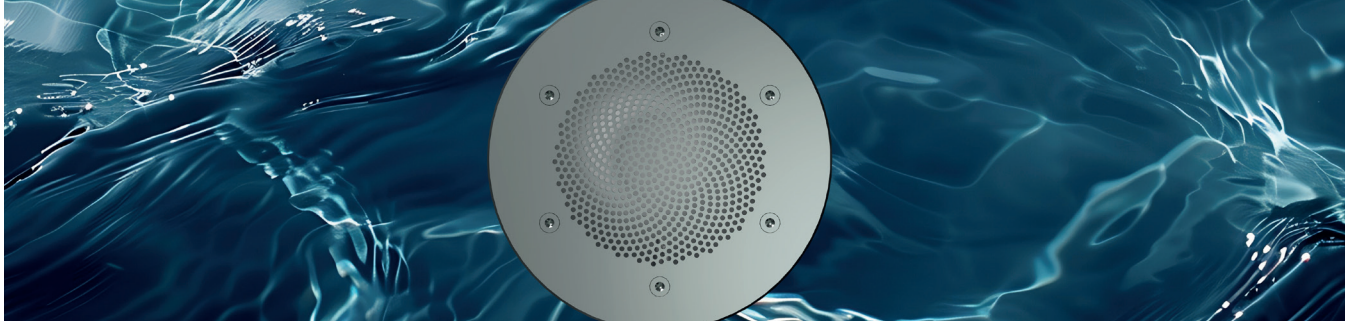
The Xanas Revolution counter-current system is ideal for small and medium-sized swimming pools and can be easily integrated into all pool types. Experience timeless elegance and outstanding durability with our new, refined stainless steel look - perfect for any pool. The built-in parts of the Revolution series ensure a harmonious and uniform design surface in the pool, including skimmers, inlet nozzles and pool attractions. These elements blend homogeneously into modern pool colours, liner designs and natural stone swimming pools.

Sophisticated customer wishes are fulfilled by harmonising individuality and aesthetic garden design with architectural requirements. Our powerful 1.5 kW Xanas in Revolution Design guarantees a perfect swimming experience, even for smaller pools.

Technical data:

- ▶ Volume flow Q: 42 m³/h (700 l/min)
- ▶ Flow velocity: 1,2 m/s
- ▶ Motor power: 1,5 kW
- ▶ Dimensions: 285 x 30 mm (optional Q-Line 300 x 300 x 32 mm)
- ▶ Suitable for: All pool types and retrofitting on request
- ▶ Safety: Conformity with international regulations and standards

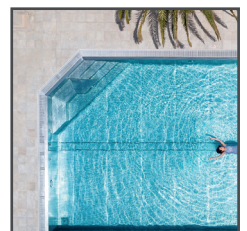
Item	Art. No.	GR	€ RRP w/o VAT
Counter current system FLUVO 1,5 kW	FL-94696	10	4.294,50





2.1 INBUILT PARTS FOR STAINLESS STEEL POOLS

BEHNCKE has created its own range of built-in parts especially for stainless steel pool manufacturers. All products are based on the high-quality raw material stainless steel AISI 316L and are manufactured in Germany. The raw components that are welded into the pool are fitted with a special weld-on flange. The diameter of the panels is adjusted so that welding seams are unobtrusively concealed. The built-in parts fit perfectly into the stainless steel pool and emphasise the high-quality look of the stainless steel pool with their modern design. BEHNCKE offers in its range an Ultimate skimmer. Thanks to its shape skimmer, high water levels (up to 30 mm below the edge of the pool) can also be created.



[CLICK HERE FOR THE VIDEO](#)

Chloride content 1.4404: up to 500 mg/l
Chloride content 1.4539: up to 20.000 mg/l

[GO TO THE SHOP HERE](#)

Surface skimmer



Picture including
basket insert

Surface skimmer type B 400 EVO for stainless steel pools

- ▶ Made from V4A (AISI 316)
- ▶ Suction width 335 mm
- ▶ Suction opening complies with DIN EN 16582
- ▶ Suction connection internal thread 2", overflow Ø 50 and fresh water connection ¾"
- ▶ Flow rate 6-10 m³ /h

This surface skimmer is equipped with a device to accommodate a mechanical or electronic water level regulator. Strainer basket with skimmer flap made of VA **available separately**, visible surfaces highly polished, easy to clean

Item	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer type B 400 EVO, for shrink-wrapping*	390 044 37	2	1.267,00
Strainer basket for B 400 EVO*	390 044 20	2	799,00

Goes with



●
390 190 60
Water level
controller,
electronic
level controller



Surface skimmer B 400 Ultimate Level for stainless steel pools

- ▶ Made from V4A (AISI 316)
- ▶ Suction width 335 mm
- ▶ Suction opening complies with DIN EN 16582
- ▶ Complete with lid, stainless steel strainer basket, overflow Ø 50, fresh water connection ¾" and a suction connection with internal thread 2" and external thread 2 ½" to optimise pipe friction losses
- ▶ Flow rate 6-10 m³ /h

Item	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer B 400 Ultimate Level, for shrink-wrapping	390 044 38	2	1.409,00
Cover for B 400 Ultimate	390 044 30	2	246,00

Goes with



●
390 200 25
Plastic skimmer
basket



●
390 200 02
Strainer
basket



●
390 190 60
Water level
controller,
electronic
level controller



●
390 010 05
Tile levelling
frame
50 mm high



●
390 010 06
Tile levelling
frame
100 mm high

* No stock item - delivery time on request



Surface skimmer Typ B 400 SLIM for stainless steel pools









- Made from V4A (AISI 316)
- Suction width 335 mm
- Suction opening complies with DIN EN 16582
- Complete with lid, stainless steel strainer basket, overflow Ø 50 and a suction connection internal thread 2" and external thread 2 ½" to optimize pipe friction losses
- Flow rate 6-10 m³ /h

This surface skimmer has a settling chamber to accommodate a mechanical or electronic water level controller

Item	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer B 400 SLIM, for shrink-wrapping*	390 044 39	2	1.393,00
Cover for Typ B 400 SLIM	390 044 09	2	219,00

Goes with

					
●	●	●	●	●	●
390 200 25	390 200 02	390 190 60	390 200 05	900 001 71	390 010 05
Plastic skimmer basket	Strainer basket	Water level controller, electronic level controlle	Water level regulator, mechanical	Vacuum plate for floor vacuum cleaner	Tile levelling frame 50 mm high

Surface skimmer Typ B 500 SLIM for stainless steel pools










- Made from V4A (AISI 316)
- Suction width 460 mm
- Suction opening complies with DIN EN 16582
- Complete with lid, stainless steel strainer basket, overflow Ø 50 and a suction connection internal thread 2" and external thread 2 ½" to optimize pipe friction losses
- Flow rate 8-15 m³ /h

This surface skimmer has a settling chamber to accommodate a mechanical or electronic water level controller

Item	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer Typ B 500 SLIM, for shrink-wrapping	950 058 95	2	1.369,00
Cover for Typ B 500 SLIM	390 550 10	2	216,00

Goes with

						
●	●	●	●	●	●	●
390 200 25	390 200 02	951 400 52	390 190 60	390 200 05	900 001 71	390 010 05
Plastic skimmer basket	Strainer basket	Strainer basket deep	Water level controller, electronic level controlle	Water level regulator, mechanical	Vacuum plate for floor vacuum cleaner	Tile levelling frame 50 mm high

* No stock item - delivery time on request

Surface skimmer



Picture including
basket insert

Surface skimmer Typ B 500 EVO for stainless steel pools

- Made from V4A (AISI 316)
- Suction width 460 mm
- Suction opening complies with DIN EN 16582
- Suction connection internal thread 2", overflow Ø 50 and fresh water connection ¾"
- Flow rate 8-15 m³/h

This surface skimmer is equipped with a device to accommodate a mechanical or electronic water level regulator. Strainer basket with skimmer flap made of VA **available separately**, visible surfaces highly polished, easy to clean.

Item	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer Typ B 500 EVO, for shrink-wrapping*	950 058 95-EVO	2	1.259,00
Strainer basket for B 500 EVO	390 550 23	2	815,00

Goes with



●
390 190 60
Water level
controller,
electronic
level controller



Surface skimmer B 500 Ultimate Level for stainless steel pools

- Made from V4A (AISI 316)
- Suction width 460 mm
- Suction opening complies with DIN EN 16582
- Complete with lid, stainless steel strainer basket, overflow Ø 50 and a suction connection with internal thread 2" and external thread 2 ½" to optimise pipe friction losses
- Flow rate 8-15 m³/h

Item	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer B 500 Ultimate Level, for shrink-wrapping*	950 059 05	2	1.502,00
Cover for B 500 Ultimate	950 057 72	2	213,00

Goes with

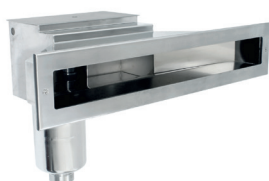


● ● ● ● ● ●
390 200 25 **390 200 02** **951 400 52** **390 190 60** **390 010 05** **390 010 06**
Plastic skim- Strainer Strainer Water level Tile levelling Tile levelling
mer basket basket basket deep controller, frame frame
electronic level controller 50 mm high 100 mm high

* No stock item - delivery time on request



Surface skimmer Typ B 600 SLIM for stainless steel pools



- Made from V4A (AISI 316)
- Suction width 665 mm
- Suction opening complies with DIN EN 16582
- Complete with lid, stainless steel strainer basket, overflow Ø 50 and a suction connection internal thread 2" and external thread 2 ½" to optimize pipe friction losses
- Flow rate 13-25 m³ /h

This surface skimmer has a settling chamber to accommodate a mechanical or electronic water level controller

Item	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer Typ B 600 SLIM, for shrink-wrapping*	950 058 97	2	1.725,00
Cover for B 601 Slim	390 560 10	2	199,00

Goes with



390 190 60

Water level controller, electronic level controller



390 200 05

Water level regulator, mechanical



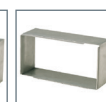
900 001 71

Vacuum plate for floor vacuum cleaner



390 010 05

Tile levelling frame 50 mm high



390 010 06

Tile levelling frame 100 mm high

Surface skimmer Typ B 600 EVO for stainless steel pools



Picture including basket insert

- Made from V4A (AISI 316)
- Suction width 665 mm
- Suction opening complies with DIN EN 16582
- Suction connection internal thread 2", overflow Ø 50 and fresh water connection ¾"
- Flow rate 13-25 m³ /h

This surface skimmer is equipped with a device to accommodate a mechanical or electronic water level regulator. Strainer basket with skimmer flap made of VA available separately, visible surfaces highly polished, easy to clean.

Item	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer Typ B 600 EVO, for shrink-wrapping	950 058 97-EVO	2	1.312,00
Strainer basket for B 600 EVO	390 560 20	2	936,00

Goes with



390 190 60

Water level controller, electronic level controller

* No stock item - delivery time on request

Surface skimmer & Inlet nozzles & Floor inlet nozzles



Surface skimmer B 600 Ultimate Level for stainless steel pools

- ▶ Made from V4A (AISI 316)
- ▶ Suction width 665 mm
- ▶ Suction opening complies with DIN EN 16582
- ▶ Complete with lid, stainless steel strainer basket, overflow Ø 50 and a suction connection with internal thread 2" and external thread 2 ½" to optimise pipe friction losses
- ▶ Flow rate 13-25 m³ /h

Item	Art. No.	GR	€ RRP w/o VAT
● Surface skimmer B 600 Ultimate Level, for shrink-wrapping*	950 059 07	2	1.621,00
Cover for B 600 Ultimate	950 057 84	2	309,00

Goes with



951 400 52
Strainer
basket deep



390 190 60
Water level
controller,
electronic
level controller



390 010 05
Tile levelling
frame
50 mm high



390 010 06
Tile levelling
frame
100 mm high

* No stock item - delivery time on request



(Cover D70 mm)



(Cover D105 mm)

Inlet nozzle round, for stainless steel pools

- Made from V4A (AISI 316)
- All inlet nozzles comply with DIN EN 16582-1 (2015)
- Permissible volume flow approx. 1 m³/h (per hole at 4 m/s) or 1.25 m³/h (per hole at 5 m/s)
- Pressure loss approx. 0.03 bar (at 4 m/s) or 0.04 bar (at 5 m/s)
- With flat cover (5 mm)

Inlet nozzle for stainless steel pools	Art. No.	GR	€ RRP w/o VAT
● Inlet nozzle with 1 1/2" thread, flache Blende D105 mm, ball 3 x 7,9 mm, thread length 12 mm	951 503 09	2	165,00
● Inlet nozzle with 1 1/2" thread, flache Blende D70 mm, ball 3 x 7,9 mm, thread length 12 mm	951 503 08	2	144,00
● Inlet nozzle with 1 1/2" thread, flat cover D105 mm, ball 1 x 7,9 mm, thread length 31 mm	951 503 46	2	207,00
● Inlet nozzle with 1 1/2" thread, flat cover D105 mm, ball 2 x 7,9 mm, thread length 31 mm	951 503 47	2	207,00
● Inlet nozzle with 1 1/2" thread, flat cover D105 mm, ball 3 x 7,9 mm, thread length 31 mm	951 503 48	2	207,00
● Inlet nozzle with 1 1/2" thread, flat cover D105 mm, ball 4 x 7,9 mm, thread length 31 mm	951 503 49	2	207,00

Goes with



901 110 01
Whole sleeve
1 1/2" G
1.4571



951 503 10
Installation
spanner for
stainless steel
basin inlet
nozzle



Inlet shell round, for stainless steel pools

With gasket, sealing washer and locknut for 1 1/2" and 2" wall transitions.

Inlet shell for stainless steel pools	Art. No.	GR	€ RRP w/o VAT
Inlet shell 1 1/2" for stainless steel pools	390 217 80	2	228,00
Inlet shell 2" for stainless steel pools	390 217 81	2	257,00



Picture
including inlay

Floor inlet nozzles for stainless steel pools

- Visible surfaces are polished
- Permissible volume flow approx. 0.4 m³/h (per hole at 4 m/s) or 0.5 m³/h (per hole at 5 m/s)
- Particularly flat outlet angle for even flow through the basin
- The inlay is not included in the scope of delivery of the floor inlet nozzle

Item	Art. No.	GR	€ RRP w/o VAT
Floor inlet nozzle D120 G 1 1/2" Screw-in for inlay, thread length, 18 mm	951 802 04	2	236,00
Inlay Ø49 - 6 hole for Floor inlet nozzles	390 210 65	2	65,00
Inlay Ø49 - 12 hole for Floor inlet nozzles	390 210 66	2	65,00

Underwater spotlight & Floor drains



Built-in niche/Cover for Power LED for stainless steel pools

- ▶ AISI 316 installation pot with weld-on flange
- ▶ With cable protection conduit 1 metre
- ▶ Suitable for models BEHNCKE LED; EVA R6; EVA A12/A6; EVA R

Item	Art. No.	GR	€ RRP w/o VAT
Built-in niche Power LED, for shrink-wrapping	390 303 93	9	359,00
Cover Power LED 240 mm Cube Line for stainless steel pools*	390 303 96-22	9	142,50
Cover Power LED D240 mm for stainless steel pools	390 303 95-22	9	96,25

See inlet jets on page 148



Built-in niche for SubAqua XS for stainless steel pools

- ▶ AISI 316 installation pot
- ▶ With cable protection conduit 1 metrer

Item	Art. No.	GR	€ RRP w/o VAT
Built-in niche SubAqua XS packaged, for shrink-wrapping	951 406 03	7	235,60
SubAqua XS cover for built-in sinks with stud bolts and for stainless steel sinks	951 406 210-23	2	141,00

See inlet jets on page 154



Built-in niche PAR 56 for stainless steel pools

- ▶ AISI 316 installation pot
- ▶ With cable protection conduit 1 metrer

Item	Art. No.	GR	€ RRP w/o VAT
UWS Par 56 for stainless steel pools, for shrink-wrapping*	951 406 34	2	307,30

See inlet jets on page 148

* No stock item - delivery time on request



Round floor drain type 150 for shrink-wrapping

- Made of AISI 316L with 2" IT
- Diameter ID 105 mm, AD 151 mm

Item	Departure	Art. No.	GR	€ RRP w/o VAT
Typ 150	lateral	390 210 04-VERP	2	186,00



Cover for floor drain pot Typ 150

- Covers made of V4A (AISI 316)
- Seal off EPDM
- Diameter ID 190 mm

Item	Art. No.	GR	€ RRP w/o VAT
One-piece cover round type 150 with seal and screws	390 218 58-HFS	2	113,00



Round floor drain Typ 190, for shrink-wrapping

- Made of AISI 316L with 2" IT
- Diameter ID 148 mm, AD 232 mm

Item	Departure	Art. No.	GR	€ RRP w/o VAT
Typ 190*	lateral	950 059 10-VERP	2	327,50



Cover for floor drain pot Typ 190

- Covers made of V4A (AISI 316)
- Seal off EPDM
- Diameter ID 232 mm

Item	Art. No.	GR	€ RRP w/o VAT
One-piece cover round type 190 with seal and screws	390 218 59-HFS	2	132,85

* No stock item - delivery time on request



3. POOL HEATING

BEHNCKE offers various options for pool heating: pipe coil, plate and electric heat exchangers produced in our factory near Munich/Germany, heat pumps and sun plate swimming pool absorbers.

Attention: If not explicitly stated in the item description, the heat exchangers are not suitable for use with salt water.

Icon explanation:



Heating flow 40 °C



Heating flow 50 °C



Heating flow 90 °C



Stainless steel



Titan



Plastic



[CLICK HERE FOR THE VIDEO](#)

[GO TO THE SHOP HERE](#)

Heating heat exchanger + accessories





Swimming pool heat exchanger „SWT 100“

Combination sleeve 1½" x DN 40.

For heating the swimming pool water by connecting it to a solar system, heat pump or low-temperature heating system. Consisting of stainless steel outer jacket with welded-in stainless steel pipe coil, complete with immersion sleeve to accommodate an electronic temperature sensor. Incl. bracket and rubber hose mounting kit.

Operating pressure: 10 bar on the heating side, 3 bar on the bath water side.

Item	Output kW Heat. Pre- heat. 50 °C	Pump capacity heating m³/h	Pressure loss heating kPa	Pump capacity pool water m³/h	Pressure loss pool water kPa	Art. No.	GR	€ RRP w/o VAT
● SWT 100-20	22	1,2	7,6	10	5,8	330 004 00	1	921,00
● SWT 100-25	38	1,8	24,8	10	6,9	330 006 00	1	1.120,00
● SWT 100-40	46	3	6,9	10	5,5	330 008 00	1	1.537,00
● SWT 100-52	67	3,6	14,6	12	9,2	330 010 00	1	2.065,00

Unit conversion 1 mWS = 9.8 kPa

Goes with



305 100 11
Pipe clamp
mounting

305 100 12
Pipe clamp
mounting

305 090 00
Rubber
hose mount-
ing kit NW 50

391 091 11
InovaNH
25/40
heating
pump

391 091 12
InovaNH
25/60
heating
pump

391 017 00
Check valve

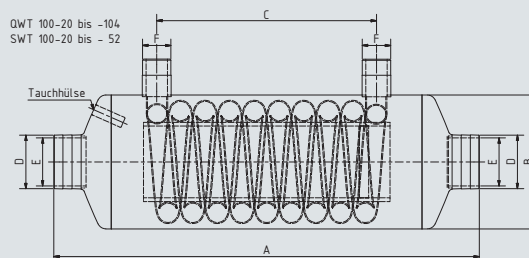
391 018 00
Check valve

Services for you!

On request we can install
design your heat exchanger
specific.



Swimming pool heat exchanger „SWT 100“ dimension table



Item	A mm	B	C mm	D DN	E Inch	F Inch
SWT 100-20	530	Ø 153	335	DN40	1½	¾
SWT 100-25	710	Ø 153	520	DN40	1½	¾
SWT 100-40	800	Ø 190	570	DN40	1½	1
SWT 100-52	1090	Ø 190	870	DN40	1½	1

Heating heat exchanger + accessories



Swimming pool heat exchanger „QWT 100“

Two combination sockets 1½" x DN 40 or 2" x DN 50.

For heating the swimming pool water by connecting it to a central heating system. Consisting of stainless steel outer jacket with welded-in stainless steel pipe coil, complete with immersion sleeve to accommodate an electronic temperature sensor. Bracket and rubber hose mounting kit.

Operating pressure: 10 bar on the heating side, 3 bar on the pool side.

Item	Output kW Heat. Pre- heat. 90 °C	Pump capacity heating m³/h	Pressure loss heating kPa	Pump capacity pool water m³/h	Pressure loss pool water kPa	Art. No.	GR	€ RRP w/o VAT
● QWT 100-20	23	2	4,1	10	4,3	305 018 00	1	485,00
● QWT 100-30	32	2	6,2	10	4,9	305 026 00	1	499,00
● QWT 100-40	46	2	9,3	10	5,3	305 003 00	1	479,00
● QWT 100-70	75	3	3,4	12	7,2	305 017 00	1	851,00
● QWT 100-104	137	5	13,2	15	11,3	305 027 00	1	1.105,00
● QWT 100-140	168	2 x 3	2 x 3,4	20	14,1	305 037 00	1	1.686,00
● QWT 100-209	304	2 x 5	2 x 13,2	25	17,0	305 047 00	1	2.105,00

Unit conversion 1 mWS = 9.8 kPa

Goes with



305 100 10

Pipe clamp
mounting

305 100 12

Pipe clamp
mounting

305 090 00

Rubber
hose mount-
ing kit NW 50

305 090 01

Rubber
hose mount-
ing kit NW 60

391 091 11

InovaNH
25/40
heating
pump

391 091 12

InovaNH
25/60
heating
pump

391 017 00

Check valve

391 018 00

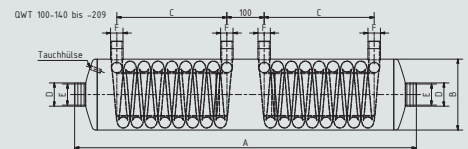
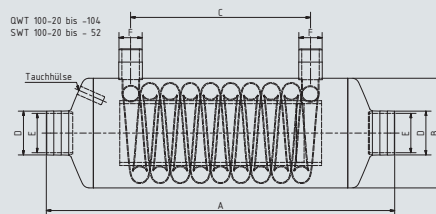
Check valve



Services for you!

On request we can install
design your heat exchanger
specific.

Swimming pool heat exchanger „QWT 100“ dimension table



Item	A mm	B	C mm	D DN	E Inch	F Inch
QWT 100-20	275	Ø 125	90	DN40	1½	¾
QWT 100-30	315	Ø 125	135	DN40	1½	¾
QWT 100-40	385	Ø 125	205	DN40	1½	¾
QWT 100-70	520	Ø 190	295	DN40	1½	1
QWT 100-104	660	Ø 190	430	DN50	2	1
QWT 100-140	895	Ø 190	295	DN50	2	1
QWT 100-209	1190	Ø 190	430	DN50	2	1



Swimming pool heat exchanger GIGANT QWT 2000

For heating the swimming pool water by connecting it to a central heating system.
Operating pressure: 10 bar on the heating side, 3 bar on the pool water side.

Item	Output kW Heat. Preheat. 90 °C	Pump capacity heating m³/h	Pressure loss heat- ing kPa	Pump capacity pool water m³/h	Pressure loss pool water kPa	Flanges primary PN 16	Flanges second- ary PN 16	Art. No.	GR	€ RRP w/o VAT
GWT 300	350	10	7,9	80	10,0	80	100	341 300 00	2	6.680,00
GWT 390	460	10	11,9	80	12,0	80	100	341 390 00	2	7.494,00
GWT 510	550	10	16,1	80	14,0	80	100	341 510 00	2	9.414,00

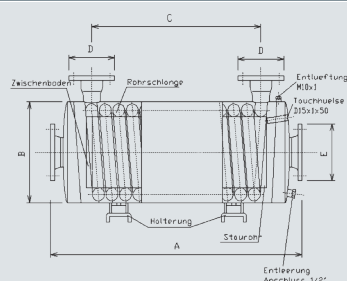
Unit conversion 1 mWS = 9.8 kPa

Services for you!

On request we can install
design your heat exchanger
specific.

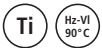


Swimming pool heat exchanger GIGANT QWT 2000 dimension table



Item	A mm	B	C mm	D DN	E DN	Inner pipe
GWT 300	1065	Ø 390	700	Flange PN16 DN80	Flange PN16 DN100	V4A Pipe D50 x 1,5
GWT 390	1425	Ø 390	1060	Flange PN16 DN80	Flange PN16 DN100	V4A Pipe D50 x 1,5
GWT 510	1765	Ø 390	1400	Flange PN16 DN80	Flange PN16 DN100	V4A Pipe D50 x 1,5

Heating heat exchanger + accessories



Swimming pool heat exchanger „WTI 100“

Two sleeves 1½" or 2" (titanium).

For use with water with high chloride content (unlimited).

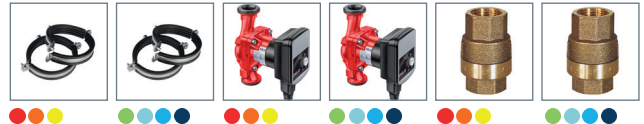
For heating the swimming pool water by connecting it to a central heating system, compl. with welded-in immersion sleeve. Less tendency to calcify.

Operating pressure: 10 bar on the heating side, 3 bar on the bath water side.

Without accessories, must be ordered separately.

Item	Output kW Heat. Pre- heat. 90 °C	Pump capacity heating m³/h	Pressure loss heating kPa	Pump capacity pool water m³/h	Pressure loss pool water kPa	Art. No.	GR	€ RRP w/o VAT
WTI 100-20	23	2	4,1	10	4,3	305 080 55-19	1	966,00
WTI 100-30	32	2	6,2	10	4,9	305 081 55-19	1	1.032,00
WTI 100-40	46	2	9,3	10	5,3	305 082 55-19	1	1.227,00
WTI 100-70	75	3	3,4	12	7,2	305 083 55-19	1	2.011,00
WTI 100-104	137	5	13,2	15	11,3	305 084 55-19	1	2.440,00
WTI 100-140	168	2 x 3	2 x 3,4	20	14,1	305 085 55-19	1	3.656,00
WTI 100-209	304	2 x 5	2 x 13,2	25	17,0	305 086 55-19	1	4.319,00

Goes with



305 100 10

Pipe clamp
mounting

305 100 12

Pipe clamp
mounting

391 091 11

InovaNH
25/40
heating
pump

391 091 12

InovaNH
25/60
heating
pump

391 017 00

Check valve

391 018 00

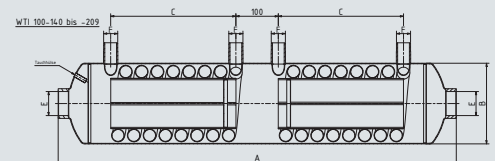
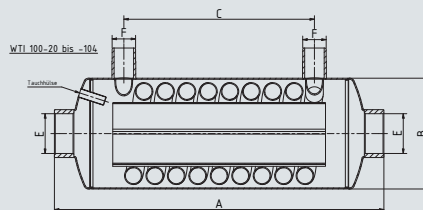
Check valve



Services for you!

On request we can install
design your heat exchanger
specific.

Swimming pool heat exchanger „WTI 100“ dimension table



Item	A mm	B	C mm	E Inch	F Inch
WTI 100-20	395	Ø 125	90	1½	¾
WTI 100-30	440	Ø 125	135	1½	¾
WTI 100-40	505	Ø 125	205	1½	¾
WTI 100-70	640	Ø 190	290	1½	1
WTI 100-104	820	Ø 190	430	2	1
WTI 100-140	1080	Ø 190	295	2	1
WTI 100-209	1350	Ø 190	430	2	1



Swimming pool heat exchanger „SWT 100“ Titan

Two sleeves 1½" or 2" (titanium).

For use with water with high chloride content (unlimited).

For heating the swimming pool water by connecting it to a central heating system, compl. with welded-in immersion sleeve. Less tendency to calcify.

Operating pressure: 10 bar on the heating side, 3 bar on the bath water side.

Without accessories, must be ordered separately.

Item	Output kW Heat. Pre- heat. 50 °C	Pump capacity heating m³/h	Pressure loss heating kPa	Pump capacity pool water m³/h	Pressure loss pool water kPa	Art. No.	GR	€ RRP w/o VAT
● SWT 100-20	22	1.2	7.6	10	5,8	331 004 00-19	1	1.875,00
● SWT 100-40	46	3	6.9	10	5,5	331 008 00-19	1	3.000,00

Unit conversion 1 mWS = 9.8 kPa

Goes with



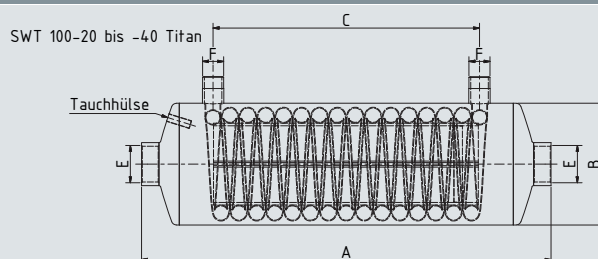
●	●	●	●	●	●
305 100 11	305 100 12	391 091 11	391 091 12	391 017 00	391 018 00
Pipe clamp mounting	Pipe clamp mounting	InovaNH 25/40 heating pump	InovaNH 25/60 heating pump	Check valve	Check valve

Services for you!

On request we can install
design your heat exchanger
specific.



Swimming pool heat exchanger „SWT 100“ Titan dimension table



Artikel	A mm	B	C mm	E Inch	F Inch
SWT 100-20	530	Ø 153	335	1 ½	¾
SWT 100-40	790	Ø 190	570	1 ½	1

Heating heat accessories

Accessories: stainless steel brackets for heat exchanger

Item	Art. No.	GR	€ RRP w/o VAT
QWT/WTI 100-20,30,40	305 100 05	6	121,00
SWT 100-20, 25,	305 100 00	6	121,00
QWT/WTI 100-70, 104/QWT 100-140,209/SWT 100-40,52	305 100 01	6	121,00

Accessories: pipe bracket kit for heat exchanger incl. hanger bolt and dowel

Item	Art. No.	GR	€ RRP w/o VAT
QWT/WTI 100-20/40	305 100 10	6	33,70
SWT 100-20/25	305 100 11	6	38,80
QWT/WTI 100-70 until 209, SWT 100-40/52	305 100 12	6	82,00

Accessories: rubber hose mounting kit for QWT and SWT

Item	Art. No.	GR	€ RRP w/o VAT
DN 40 (1½")	305 090 00	6	16,10
DN 50 (2")	305 090 01	6	26,10

Accessories: spare part Kst screw connection for KstW/KstWT

Item	Art. No.	GR	€ RRP w/o VAT
Connector D50/63 mm	304 200 04	6	5,25
Flat seal 3"	304 200 05	6	4,55
Insert 3"/70 mm	304 200 06	6	2,35
Union nut 3"	304 200 07	6	5,75

PVC-VA fitting with adhesive socket and external thread

Item	Art. No.	GR	€ RRP w/o VAT
50 mm x 1½"	604 500 98	20	74,36
63 mm x 2"	604 500 99	20	92,98



Check valve

Item	Art. No.	GR	€ RRP w/o VAT
Check valve ¾"	391 017 00	7	25,60
Check valve 1"	391 018 00	7	35,00

Heating circulation pumps

Heating circulation pumps 230 V, max. 10 bar.

Item	Performance	Art. No.	GR	€ RRP w/o VAT
Speck INOVA NH 25/40	230 Volt, 50 Hz	391 091 11	8	306,00
Speck INOVA NH 25/60	230 Volt, 50 Hz	391 091 12	8	329,00

Solenoid valves

Minimum differential pressure for all solenoid valves 0.35 bar. Slow-closing solenoid valves available on request.

Item	Size	Max. operation pressure	Art. No.	GR	€ RRP w/o VAT
Solenoid valve up to 90° C, with plug ½"		10 bar	390 332 03	6	180,00
Solenoid valve up to 90° C, with plug ¾"		12 bar	391 043 11	6	201,00
Solenoid valve up to 90° C, with plug 1"		12 bar	391 001 11	6	201,00

Plate heat exchangers

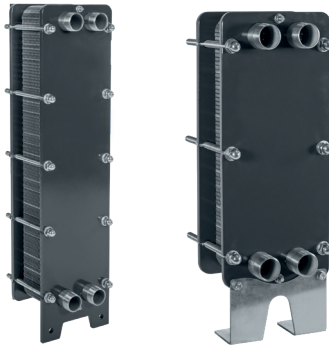


Plate heat exchangers

The plate heat exchangers are particularly recommended for connection to boilers with low temperatures or with hot air/hot water pumps or water/water pumps. In fact, due to their larger exchange surface, the plate heat exchangers are able to heat your swimming pool by means of a primary flow of 50 °C/30 °C.

- Plate heat exchangers for heating outdoor/indoor swimming pools
- To be connected as a bypass in the filter circuit

Safety:

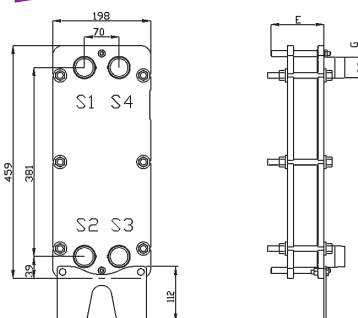
According to the European standard CE.

Titanium plates come with a five-year guarantee against corrosion.

NEW!

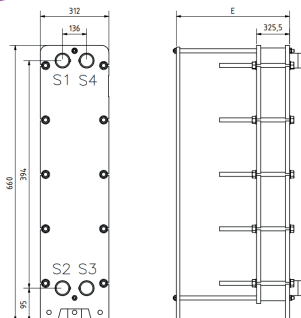
Modell	PWT 510 P15 H		PWT 510 P27 H		PWT 910 P19 H		PWT 910 P25 H		PWT 710 P105 H	
Power (kW)	36	16	73	33	111	56	146	74	425	207
Primary On/Off (°C)	50/30	40/30	50/30	40/30	50/30	40/30	50/30	40/30	50/30	40/30
Secondary On/Off (°C)	15/35	15/35	15/35	15/35	15/35	15/35	15/35	15/35	15/35	15/35
Volumetric flow Prim. (m³/h)	1,57	1,39	3,18	2,86	4,83	4,86	6,35	6,42	18,49	17,96
Volumetric flow Sec. (m³/h)	1,55	0,69	3,15	1,42	4,79	2,42	6,30	3,19	18,35	8,94
Pressure Loss Prim. (bar)	0,05	0,04	0,06	0,05	0,47	0,49	0,47	0,49	0,06	0,06
Pressure Loss Sec. (bar)	0,05	0,01	0,06	0,01	0,50	0,15	0,50	0,15	0,06	0,01
Exchange area [m²]	0,55		1,05		1,43		1,93		7,21	
Max. operating pressure (bar)	10		10		10		10		10	
Connections	4 x 1 1/4"		4 x 1 1/4"		4 x 1 1/4"		4 x 1 1/4"		4 x 2"	
Primary flow rate	S1->S2		S1->S2		S1->S2		S1->S2		S1->S2	
Secondary flow rate	S3->S4		S3->S4		S3->S4		S3->S4		S3->S4	
Tare weight (kg)	22		26		40		43		121	
Full weight (kg)	24		29		43		47		143	
Number of plates	15		27		19		25		105	
Plate thickness	0,5		0,5		0,5		0,5		0,5	
Plate material	V2A		V2A		V2A		V2A		V2A	
Connection material	V2A		V2A		V2A		V2A		V2A	
E	105		190		278		328		657	
G	1 1/4"		1 1/4"		1 1/4"		1 1/4"		2"	
Gaskets	EPDM		EPDM		EPDM		EPDM		EPDM	
Coated frame	P 355 NH		P 355 NH		P 355 NH		P 355 NH		P 355 NH	
Threaded rod	DIN 975 88 galvanised		DIN 975 88 galvanised		DIN 975 88 galvanised		DIN 975 88 galvanised		DIN 975 88 galvanised	

PWT 510

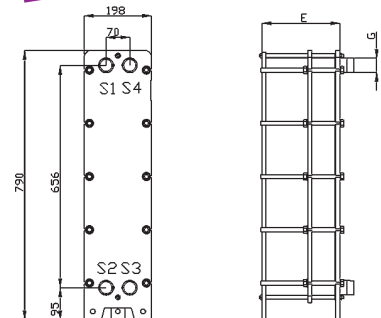


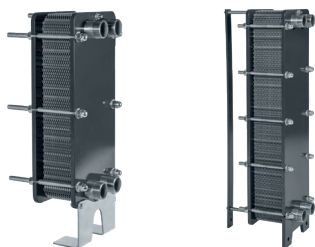
PWT 710

NEW!



PWT 910





PWT 510 / PWT 910

Item	Version	Art. No.	GR	€ RRP w/o VAT
PWT 510 P15 H	screwed	305 225 15-18	8	861,00
PWT 510 P27 H	screwed	305 225 27-18	8	1.192,00
PWT 910 P19 H	screwed	305 230 23-18	8	1.460,00
PWT 910 P25 H	screwed	305 230 31-18	8	1.670,00
PWT 510 P15 H	Titanium plates screwed	305 240 15-18	8	1.845,00
PWT 510 P27 H	Titanium plates screwed	305 240 27-18	8	2.740,00
PWT 910 P19 H	Titanium plates screwed	305 245 23-18	8	3.350,00
PWT 910 P25 H	Titanium plates screwed	305 245 31-18	8	4.010,00
PWT 510 P15 H double-walled*	screwed	P-130 102	8	1.876,00
PWT 510 P27 H double-walled*	screwed	P-130 322	8	2.440,00
PWT 910 P19 H double-walled*	screwed	P-130 324	8	3.202,00
PWT 910 P25 H double-walled*	screwed	P-130 326	8	3.894,00
PWT 510 P15 H double-walled*	Titanium plates screwed	P-130 321	8	4.584,00
PWT 510 P27 H double-walled*	Titanium plates screwed	P-130 323	8	7.595,00
PWT 910 P19 H double-walled*	Titanium plates screwed	P-130 325	8	8.150,00
PWT 910 P25 H double-walled*	Titanium plates screwed	P-130 327	8	10.400,00
Insulation for PWT 510 P15 HH		P-130 004	8	330,00
Insulation for PWT 510 P27 HH		P-130 006	8	369,00
Insulation for PWT 910 P19 H & PWT 910 P25 H		P-130 018	8	462,00
Screw connection VA G 1 1/4" NW 32 f. plate heat exchanger		113 600 01	5	39,10
PVC-VA screw connection 40 x 1 1/4" IG		604 500 97	8	41,60
PVC-VA screw connection 63 x 2" IG		392 500 48	8	76,00

*Certified according to Belgaqua

Services for you!

On request, we can provide you with heat exchanger specifics. specifics.



NEW!

PWT 710 P105 H

Item	Art. No.	GR	€ RRP w/o VAT
PWT 710 P105 H	305 24 540	8	5.925,00
Insulation for PWT 710 P105 H	305 245 41	8	709,00

Electric heat exchangers

VA



EWT 80-40 with control thermostat & pressure switch

Heating element made of Incoloy 825. With control thermostat 0-40 °C and pressure switch as water shortage protection*. With two combination sleeves G1½" x NW 50 and stainless steel bracket.

Item	kW	Volts	Art. No.	GR	€ RRP w/o VAT
EWT 80-40	1.5	230	304 501 50	1	476,00
EWT 80-40	3	400	304 503 00-23	1	603,00
EWT 80-40	6	400	304 506 00-23	1	653,00
EWT 80-40	9	400	304 509 00-23	1	607,00
EWT 80-40	12	400	304 512 00-23	1	732,00
EWT 80-40	15	400	304 515 00-23	1	666,00
EWT 80-40	18	400	304 518 00-23	1	615,00

* (Switch-on pressure approx. 0.1 bar, switch-off pressure: approx. 0.06 bar)

VA



EWT 80-41 with control thermostat & flow switch

Heating element made of Incoloy 825. With control thermostat 0-40 °C with flow switch with two combination sleeves G1½" x NW 50 and stainless steel bracket.

Item	kW	Volts	Art. No.	GR	€ RRP w/o VAT
EWT 80-41	1,5	230	304 401 50	1	662,00
EWT 80-41	3	400	304 403 00	1	710,00
EWT 80-41	6	400	304 406 00-23	1	855,00
EWT 80-41	9	400	304 409 00-23	1	820,00
EWT 80-41	12	400	304 412 00-23	1	950,00
EWT 80-41	15	400	304 415 00-23	1	999,00
EWT 80-41	18	400	304 418 00-23	1	911,00

VA



EWT 80-70 with control thermostat & pressure switch

Heating element made of Incoloy 825. With control thermostat 0-40 °C and pressure switch as water shortage protection*. With two PVC adhesive fittings DN 40 and plastic brackets.

Item	kW	Volts	Art. No.	GR	€ RRP w/o VAT
EWT 80-70	1.5	230	304 501 57	1	487,00
EWT 80-70	3	400	304 503 07-23	1	599,00
EWT 80-70	6	400	304 506 07-23	1	649,00
EWT 80-70	9	400	304 509 07-23	1	661,00
EWT 80-70	12	400	304 512 07-23	1	728,00
EWT 80-70	15	400	304 515 07-23	1	772,00
EWT 80-70	18	400	304 518 07-23	1	810,00

* (Switch-on pressure approx. 0.1 bar, switch-off pressure: approx. 0.06 bar)



EWT 80-71 with control thermostat & flow switch

Heating element made of Incoloy 825. With control thermostat 0-40 °C with flow switch with two PVC adhesive fittings DN 40 and plastic brackets.

Item	kW	Volts	Art. No.	GR	€ RRP w/o VAT
EWT 80-71	1.5	230	304 401 57	1	650,00
EWT 80-71	3	400	304 403 07	1	710,00
EWT 80-71	6	400	304 406 07-23	1	853,00
EWT 80-71	9	400	304 409 07-23	1	825,00
EWT 80-71	12	400	304 412 07	1	850,00
EWT 80-71	15	400	304 415 07-23	1	999,00
EWT 80-71	18	400	304 418 07-23	1	985,00



EWT 80-40 with control & safety thermostat & pressure switch

Heating element made of Incoloy 825. With control thermostat 0-40 °C, safety thermostat 47 °C and pressure switch as water shortage protection*. With two combination sleeves G1½" x NW 50 and stainless steel bracket.

Item	kW	Volts	Art. No.	GR	€ RRP w/o VAT
EWT 80-40	1,5	230	304 501 51	1	570,00
EWT 80-40	3	400	304 503 01-23	1	651,00
EWT 80-40	6	400	304 506 01-23	1	725,00
EWT 80-40	9	400	304 509 01-23	1	679,00
EWT 80-40	12	400	304 512 01-23	1	804,00
EWT 80-40	15	400	304 515 01-23	1	738,00
EWT 80-40	18	400	304 518 01-23	1	695,00

* (Switch-on pressure approx. 0.1 bar, switch-off pressure: approx. 0.06 bar)



EWT 80-41 with control & safety thermostat & flow switch

Heating element made of Incoloy 825. With control thermostat 0-40 °C, safety thermostat 47 °C and with flow switch with two combination sleeves G1½" x NW 50 and stainless steel bracket.

Item	kW	Volts	Art. No.	GR	€ RRP w/o VAT
EWT 80-41	1,5	230	304 401 51	1	715,00
EWT 80-41	3	400	304 403 01	1	755,00
EWT 80-41	6	400	304 406 01-23	1	940,00
EWT 80-41	9	400	304 409 01-23	1	877,00
EWT 80-41	12	400	304 412 01-23	1	1.034,00
EWT 80-41	15	400	304 415 01-23	1	1.086,00
EWT 80-41	18	400	304 418 01-23	1	996,00

Electric heat exchangers

VA



EWT 80-70 with control & safety thermostat & pressure switch

Heating element made of Incoloy 825, control thermostat 0-40 °C, safety thermostat 47 °C and pressure switch as low water protection*. With two PVC adhesive screw connections DN 40 and plastic fabric mounts.

Item	kW	Volts	Art. No.	GR	€ RRP w/o VAT
EWT 80-70	1.5	230	304 501 58	1	542,00
EWT 80-70	3	400	304 503 08-23	1	672,00
EWT 80-70	6	400	304 506 08-23	1	721,00
EWT 80-70	9	400	304 509 08-23	1	735,00
EWT 80-70	12	400	304 512 08-23	1	800,00
EWT 80-70	15	400	304 515 08-23	1	844,00
EWT 80-70	18	400	304 518 08-23	1	870,00

* (Switch-on pressure approx. 0.1 bar, switch-off pressure: approx. 0.06 bar)

VA



EWT 80-71 with control & safety thermostat & flow switch

Heating element made of Incoloy 825, control thermostat 0-40 °C and safety thermostat 47 °C with flow switch. With two PVC adhesive screw connections DN 40 and plastic brackets.

Item	kW	Volts	Art. No.	GR	€ RRP w/o VAT
EWT 80-71	1.5	230	304 401 58	1	714,00
EWT 80-71	3	400	304 403 08	1	780,00
EWT 80-71	6	400	304 406 08-23	1	940,00
EWT 80-71	9	400	304 409 08-23	1	945,00
EWT 80-71	12	400	304 412 08-23	1	1.034,00
EWT 80-71	15	400	304 415 08-23	1	1.088,00
EWT 80-71	18	400	304 418 07-23	1	980,00

VA



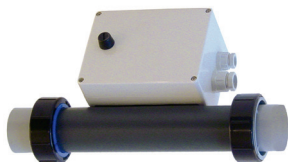
EWT 80-30 for air heating

With control thermostat 0-80 °C. Connections 2" combi sockets.

Item	kW	Volts	Art. No.	GR	€ RRP w/o VAT
EWT 80-30	1,5	230	304 302 00	1	737,00



VA



EWT 60-20 with safety thermostat

Heating element made of Incoloy 825. Without control thermostat, with safety thermostat 47 °C with two PVC screw connections DN 40.

Item	kW	Volts	Art. No.	GR	€ RRP w/o VAT
EWT 60-20	1,5	230	304 701 02	1	550,00
EWT 60-20	2	230	304 702 02	1	555,00
EWT 60-20	3	230	304 703 02	1	570,00

VA



EWT 60-25 with safety thermostat & flow switch

Heating element made of Incoloy 825. Control box without control thermostat, with safety thermostat 47 °C, flow switch, with built-in circuit board (contactor no longer required), LED, switch-on delay, completely wired with flow switch.

Item	kW	Volts	Art. No.	GR	€ RRP w/o VAT
EWT 60-25	1,5	230	304 701 25-22	1	825,00
EWT 60-25	2	230	304 702 25-22	1	830,00
EWT 60-25	3	230	304 703 25-22	1	835,00

VA



EWT 60-30 with control & safety thermostat

Heating element made of Incoloy 825. With control thermostat 0-40 °C and safety thermostat 47° C with two PVC screw connections DN 40.

Item	kW	Volts	Art. No.	GR	€ RRP w/o VAT
EWT 60-30	1,5	230	304 701 03	1	600,00
EWT 60-30	2	230	304 702 03	1	605,00
EWT 60-30	3	230	304 703 03	1	620,00

VA



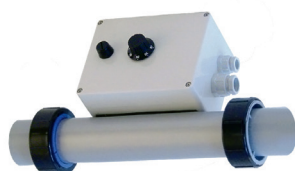
EWT 60-35 with control & safety thermostat & flow switch

Heating element made of Incoloy 825. Control box with control thermostat 0-40 °C and safety thermostat 47°C with built-in circuit board (contactor no longer required), light-emitting diode, switch-on delay, fully wired with flow switch.

Item	kW	Volts	Art. No.	GR	€ RRP w/o VAT
EWT 60-35	1,5	230	304 701 35-22	1	850,00
EWT 60-35	2	230	304 702 35-22	1	855,00
EWT 60-35	3	230	304 703 35-22	1	860,00

Electric heat exchangers

Ti



EWT -TD-Titan with control & safety thermostat

Heating element made of Incoloy 825, control thermostat 0-40 °C and safety thermostat 47 °C with two PVC screw connections DN 40.

Item	kW	Volts	Art. No.	GR	€ RRP w/o VAT
EWT-TD	1,5	230	304 801 00	1	690,00
EWT-TD	2	230	304 802 00	1	695,00
EWT-TD	3	230	304 803 00	1	705,00

Ti



EWT -TDS-Titan with control & safety thermostat & flow switch

Titanium housing, Incoloy 825 heating element, control box with control thermostat 0-40 °C and safety thermostat 47 °C. Built in circuit board (contactor no longer required), light diode, switch-on delay, completely wired with flow switch, surface painted, with two PVC screw connections DN 40.

Item	kW	Volts	Art. No.	GR	€ RRP w/o VAT
EWT-TDS	1,5	230	304 801 10-23	1	1.040,00
EWT-TDS	2	230	304 802 10-23	1	1.050,00
EWT-TDS	3	230	304 803 10-23	1	1.060,00



Compact electric heat exchanger EWT 95-15

Heating element made of Incoloy 825. Temperature digital 2-point controller 0-40 °C, IP44, with electronic safety thermostat 45 °C, automatic control of the heating elements depending on the medium to be heated (swimming pool water), as well as additional options such as switch-on delay 10 minutes and run-on time flow switch included. Rubber hose mounting kit NW 60

Item	kW	Volts	Art. No.	GR	€ RRP w/o VAT
EWT 95-15	18	400	302 051 18	1	4.270,00
EWT 95-15	27	400	302 051 27	1	4.116,00
EWT 95-15	36	400	302 051 36	1	5.013,00
EWT 95-15	45	400	302 051 45	1	5.190,00
EWT 95-15	54	400	302 051 54	1	5.105,00



Compact electric heat exchanger EWT-100 Titan

Titanium body and heater control thermostat 0-40 °C and safety thermostat 47 °C.

Item	kW	Volts	Art. No.	GR	€ RRP w/o VAT
EWT-100	6	400	950 109 06	1	Price on demand
EWT-100	9	400	950 109 09	1	Price on demand
EWT-100	12	400	950 109 12	1	Price on demand
EWT-100	15	400	950 109 15	1	Price on demand
EWT-100	18	400	950 109 18	1	Price on demand

Delivery time on request



Accessories for electric heat exchangers



Controller for EWT 80-XX

Terminal strip and load contactor.

Item	Art. No.	GR	€ RRP w/o VAT
3 / 6 / 9 kW	304 006 12	6	185,00
12 / 15 / 18 kW	304 006 18	6	230,20



Electric control unit for EWT 80-XX and ETW-100-Titan

- ▶ Safety shut-off by built-in 2. contactor
- ▶ Switch-on delay 2 minutes
- ▶ LED display for operating status malfunction, heating phase, flow switch interruption

Attention! EWT 80-XX and EWT-TDS-Titan always order with safety thermostat.

Item	Art. No.	GR	€ RRP w/o VAT
3 / 6 / 9 kW	304 007 12	8	420,25
12 / 15 / 18 kW	304 007 18	8	501,00



Cable sets

Item	Art. No.	GR	€ RRP w/o VAT
Cable set for 304 006 12 & 304 007 12 (5 x 4 mm ² + 5 x 1,5 mm ²)	304 006 10	10	43,50
Cable set for 304 006 18 & 304 007 18 (5 x 6 mm ² + 5 x 1,5 mm ²)	304 006 11	10	46,50



Flow switch

For flow control.

Item	Art. No.	GR	€ RRP w/o VAT
Flow switch with PVC tee d50	304 001 10	6	186,55
Flow switch with PVC tee d63	304 001 20	6	220,40
Flow switch with 1/2" connection, Kst. paddle	304 001 07	6	132,30
Connector 1/2" x 3/4" PVC for flow switch	304 001 12	6	5,15



Rubber hose mounting kit

For EWT, complete with two hose clamps.

Item	Art. No.	GR	€ RRP w/o VAT
DN 40 (1½")	305 090 00	6	16,10
DN 50 (2")	305 090 01	6	26,10



PVC-VA fitting with adhesive socket and external thread

Item	Art. No.	GR	€ RRP w/o VAT
50 mm x 1½"	604 500 98	20	74,36
63 mm x 2"	604 500 99	20	92,98



Bracket for electric heat exchanger

Made of stainless steel.

Item	Art. No.	GR	€ RRP w/o VAT
EWT 60-20, 60-30, EWT 80-40/-41	304 001 00	6	40,60



Accessories for electric heat exchangers



Heating rod made of stainless steel 1.4404

Suitable for EWT 80-30
R 1½" thread for air heating.

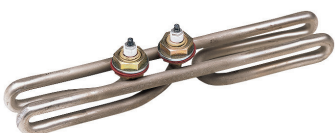
kW	Volts	Art. No.	GR	€ RRP w/o VAT
1,5	230	304 020 11	6	134,00



Heating rod made of incoloy 825 (EWT 80-40/-41, 70/-71, EWT-T and EWT 95-15)

Suitable for EWT 80-40/-41, 70/-71, EWT-T and EWT 95-15.
R 1½" thread, complete with O-ring 44 x 4 for water heating. Electropolished 3-18 kW.

kW	Volts	Art. No.	GR	€ RRP w/o VAT
1,5	230	304 024 01	6	133,00
3	230/400	304 025 20	6	181,00
6	230/400	304 025 21	6	198,00
9	400	304 025 22	6	201,00
12	400	304 025 23	6	230,00
15	400	304 025 24	6	255,00
18	400	304 025 25	6	260,00



Heating rod made of incoloy 825 (EWT 60-20/25/35/30, EWT-TD, EWT-TDS)

Incoloy 825 is one of the most resistant shell materials for liquid heating available.
Suitable for EWT 60-20/25/35/30, EWT-TD, EWT-TDS)

kW	Volts	Art. No.	GR	€ RRP w/o VAT
1,5	230	304 025 04	6	131,00
2	230	304 025 05	6	140,00
3	230	304 025 06	6	163,00



Electrical spare parts

For EWTs.

Item	Art. No.	GR	€ RRP w/o VAT
Pressure switch as low water protection M10 x 1*	391 033 00	6	42,45
Flow switch with ½" connection, Kst. paddle	304 001 07	6	132,30
Control thermostat 0-40 °C	304 021 03	6	50,50
Control thermostat 0-80 °C	304 021 04	6	61,10
Safety thermostat 51 °C (-7)	304 021 02	6	66,60

* (Switch-on pressure approx. 0.1 bar, switch-off pressure: approx. 0.06 bar)



Spare parts - Kst screw joint

For WTI and EWT.

Item	Art. No.	GR	€ RRP w/o VAT
Union nut for WTI 100-20/-209, EWT 80-70/71/-T, EWT 60/TD/-TDS, SWT 100-Titan	304 200 00	6	7,20
Insert for WTI 100-104/-209, EWT 60/TD/-TDS	304 200 01	6	3,10
Connection part D50 for WTI 100-20/-70, SWT 100-Titan, EWT 80-70/-71/-T, EWT 60/TD/-TDS	304 200 02	6	9,95
Flat gasket for WTI 100-20/-209, SWT 100-Titan, EWT 80-70/-71/-T, EWT 60/TD/-TDS	304 200 03	6	3,15
Insert for WTI 100-20/-70, SWT 100-Titan, WEWT 80-70/-71/-T	304 200 08	6	3,15
Connector for WTI 100-104/-209	304 200 11	6	3,10



Photovoltaic systems + accessories

Heating swimming pool water with the sun ... environmentally friendly and economical

The BEHNCKE Sun Plate swimming pool absorber is made of high-quality high-density polyethylene (HDPE) for environmentally friendly and energy-saving heating of swimming pool water. With only one absorber type, all installation applications can be realised, as eight variable outlets are available on the absorber. Simple installation is guaranteed.

The Sun Plate is characterised by its optimal absorber size of 2.22 m² as well as its high efficiency. It has a full-surface flow, can be walked on and is suitable for the direct flow of swimming pool water. The special absorber construction with ideal wall thickness ensures a low pressure loss.



Direct solar heating of swimming pool water using the flow-through principle

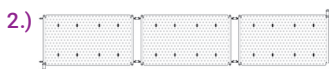
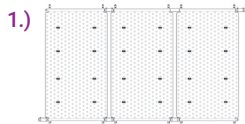
BEHNCKE swimming pool absorber sun plate at a glance

Max. possible number per field 16 pieces, see pictures below.

- ▶ Only one absorber type for all installation applications, as eight variable outlets are available on the absorber. Absorber, thus easy installation and low stock-keeping
- ▶ Optimum absorber size of 2.22 m² effective area
- ▶ Horizontal or vertical mounting possible
- ▶ High efficiency
- ▶ Full-surface flow and walkable
- ▶ High-quality absorber material made of HDPE in black
- ▶ Optimum wall thickness of the absorbers
- ▶ Low pressure loss, due to special absorber construction
- ▶ Cost-effective solution for swimming pool heating
- ▶ Suitable for direct flow of swimming pool water

At your request, we will design your individual solar system. After we have received your system data you will receive your offer immediately.

Solar absorber variants



1.) Vertical side by side

Connecting set for 40 mm connections = number of collectors - 1
End plug set for 25 mm connections = number of collectors
Connection set absorber D40 to pipework D 50

2.) Horizontal side by side

Connecting set for 40 mm connections = 1
End plug set for 25 mm connections = number of collectors - 11
Connection set absorber D40 to pipework D 50

3.) Horizontal next to and above each other

Connection set for 40 mm connections = number of rows one above the other
Connecting set for 25 mm connections = (number of rows side by side - 1) x (number of rows on top of each other) (for 1 row horizontally on top of each other you need End plug sets 25 mm = number of collectors)
Connection set absorber D40 to pipework D 50

4.) Vertical next to and above each other

Connection set for 40 mm connections = number of rows next to each other
Connection set for 25 mm connections = (number of rows one above the other - 1) x (number of rows side by side)
Connection set absorber D40 to pipework D 50



Sun plate collector

Item	Size	Art. No.	GR	€ RRP w/o VAT
2000 x 1100 x 15 mm	2,22 m ²	520 000 00	8	335,00
1090 x 1100 x 15 mm	1,199 m ²	520 000 16	8	160,00

Installation accessories

Item	Art. No.	GR	€ RRP w/o VAT
Joining kit 25 mm	520 000 03	8	17,80
Joining kit 40 mm	520 000 01	8	26,65
Tailpipe kit 25 mm	520 000 02	8	36,10
Connection kit absorber D40 to pipework D 50	520 000 20	8	40,90
Aerator kit D50	520 000 25	8	45,90
Aerator and deaerator set D50	520 000 30	8	112,00
Drainage set D50 manual	520 000 35	8	34,00

Mounting kit

The mounting kits include: Universal fixing anchor, mounting rails long or short, connections for mounting rails incl. screws.

Item	Art. No.	GR	€ RRP w/o VAT
Mounting kit for 4 plates	520 000 42	10	375,00
Mounting kit for 6 plates	520 000 43	10	490,00
Mounting kit for 8 plates	520 000 44	10	590,00
Mounting kit for 10 plates	520 000 45	10	755,00
Universal mounting rail long incl. screws	520 000 39	10	49,20
Universal mounting rail short incl. screws	520 000 40	10	42,60
Mounting rail joint incl. screws	520 000 41	10	18,00



BEHNCKE sun plate technical specifications

	Dimensions
Length	2000 mm
Width	1100 mm
Height	15 mm
Gross space	2,22 m ²
Weight	14 kg
Filling volume	16 l
Connectors	8, of which 4 with 40 mm and 4 with 25 mm
Maximum pressure	3 bar
Operating pressure (max.)	1 + 0,1 bar
Material	HDPE (black)
Number of collectors for horizontal connection (max.)	8
Number of collectors for vertical connection (max.)	4
Maximum flow rate per m ² collector	120 l/h

Mr. Silence 30 heat pump

NEW!

Mr. Silence 30 – The innovative year-round heat pump

Available in four power variants:

15 kW / 230 V, 17 kW / 230 V, 28 kW / 230 V, 30 kW / 400 V



► 30 % quieter than conventional heat pumps:

Extremely quiet and provides a relaxing pool environment.

► High energy efficiency:

Thanks to the innovative InverPad® Turbo technology, the heat pump achieves an impressive COP performance of 22, resulting in significant energy savings.

► Modern design:

The elegant design fits perfectly into any pool landscape.

► Environmentally friendly:

The heat pump utilises the ambient air to generate heat and therefore reduces the ecological footprint considerably.

► Durability:

Robust construction and high-quality materials guarantee a long service life and reliability.

Model	Heat pump Mr. Silence 30 15 kW / 230 Volt	Heat pump Mr. Silence 30 17 kW / 230 Volt	Heat pump Mr. Silence 30, 23 kW / 230 Volt	Heat pump Mr. Silence 30 28 kW / 400 Volt
Art. No.	420 600 00	420 600 01	420 600 02	420 600 03
GR	9	9	9	9
Voltage	230 V	230 V	230 V	400 V
Operating temperature	-20°C to 43°C	-20°C to 43°C	-20°C to 43°C	-20°C to 43°C
COP max.	22	22	22	22
Refrigerant	R32	R32	R32	R32
Input power	0,23 - 1,88 kW	0,26 - 2,17 kW	0,2 - 2,68 kW	0,44 - 3,63 kW
Heat output	bis 15 kW	bis 17 kW	bis 23 kW	bis 28 kW
Input current	1,00 - 12,5 A	1,13 - 16 A	1,39 - 18,5 A	1,39 - 8 A
Flow rate	3 - 4 m³/h	4 - 6 m³/h	6 - 9 m³/h	8 - 10 m³/h
Dimensions L x B x H (mm)	936 x 494 x 655	1036 x 494 x 655	1104 x 494 x 757	1129 x 514 x 945
Net weight	83 kg	90 kg	100 kg	136 kg
Swimming pool water connection				2Xd50 (Forward and return flow)
€ RRP w/o VAT	3.370,00	3.830,00	5.055,00	6.245,00

All values are based on a design at **+27 °C air temperature, +27 °C pool water, 80 % humidity.**

Year-round heat pumps are designed for optimum results during the swimming season with pool cover: **mid-May to mid-September. In the remaining months, the heat pump can be used for active winterisation at 12 °C.** If the ambient conditions are different, a separate design is required, which we will of course be happy to assist you with. Recommended operating range **-5 °C to +38 °C**, technically possible operating limit **-20 °C to +43 °C**.

Please note: All-season heat pumps are designed for year-round operation, but the water-carrying pipes must be sealed against frost. In snowy areas, it is recommended that the heat pump is installed on a raised base so that the air outlet openings cannot be covered with snow. The heat pumps can also cool in summer, but are not suitable as a cooling system for sauna plunge pools or similar.



BEHNCKE heat pump



BEHNCKE heat pump BASIC

The solid technology integrated in the high-quality stainless steel housing ensures a comfortable extension of the pool season from spring through to autumn.

A selection of 4 HKR basic models from 8-17kW covers in all common pool sizes.

The integrated digital control system enables fully automatic heating and cooling of your pool.

In addition, a wall-mounted housing included in the scope of delivery offers you the option of relocating the control unit and thus operating the heat pump from your utility room, for example.

The optimised unit design in conjunction with specially matched components ensure smooth operation.

The two-part interior of the unit contains a corrosion-resistant titanium heat exchanger, a brand-name compressor and quietly running fans, which ensure efficient operation thanks to their optimum interaction. The electronics are housed in a separate, closed and insulated box.

A standard hot gas defrosting system ensures operation even at somewhat colder outside temperatures, as they occur in spring and autumn.

A winter cover is included in the scope of delivery.

Model	HKR 90 basic	HKR 110 basic	HKR 130 basic	HKR 170 basic
Art. No.	420 400 30	420 400 31	420 400 32	420 400 33
GR	9	9	9	9
Power supply	230V/50Hz	230V/50Hz	230V/50Hz	400V/50Hz
Installed power	1,45 kW	1,98 kW	2,45 kW	2,9 kW
Heating power	8,10 kW	10,5 kW	13,0 kW	16,8 kW
Current	7,2 A	9,6 A	11,7 A	4,4 A
Fusing	1 pol. C 16A	1 pol. C 16A	1 pol. C 20A	3 pol. C 16A
Heat exchanger	Titanium/PVC	Titanium/PVC	Titanium/PVC	Titanium/PVC
COP	ca. > 6	ca. > 6	ca. > 6	ca. > 6
Water flow rate min.	3,0 m³/h	4,5 m³/h	5,3 m³/h	6,0 m³/h
Pressure loss	3,2 kPa	6,0 kPa	10,0 kPa	15,0 kPa
Sound level in 1/10 m	52/38 db(A)	52/39 db(A)	54/39db(A)	56/40db(A)
Refrigerant	R410A	R410A	R410A	R410A
Refrigerant weight appr.	800 g	1.000 g	1.100 g	1.600 g
Net weight	50 kg	65 kg	75 kg	98 kg
Dimensions L x W x H (mm)	952 x 360 x 610	952 x 360 x 610	952 x 360 x 610	1130 x 460 x 860
Pool size with cover*	appr. 30 m³	appr. 40 m³	appr. 50 m³	appr. 60 m³
€ RRP w/o VAT	1.999,00	2.299,00	2.649,00	3.333,00

* All values are based on a design at an air temperature of **+19 °C**, pool water **+26 °C** (pool covered, thermal cover).

Period of use approx. **mid-May to mid-September**, daily filter pump running time approx. 10 - 12 h.

If the ambient conditions change, a separate design is required, which we will of course be happy to help you with.

Recommended range of use of the basic-line from **+5 °C to +35 °C**, technically possible limit of use **-15 °C to +35 °C**.

Attention: Danger of frost at temperatures below zero due to water-bearing parts.



BEHNCKE heat pump classic line i



In the further development of our „classic line i“ series, the focus was on noise minimisation and energy efficiency. This has resulted in one of the quietest heat pumps on the market, which produces a noise emission of only 22-36 db(A) in partial load operation.

Designed as a 3-season heat pump, the machine modulates in different output ranges depending on the heat demand.

In this way, the „classic-line i“ heat pumps achieve a high COP value in part-load operation and a pleasantly low noise level. Should a noise problem nevertheless arise during operation, the „classic-line i“ models up to output size 180 offer the possibility of subsequently regulating the output and thus the noise level on site.

The „classic-line i“ product range includes 6 output sizes from 11 to 30 kW.

The power-controlled mode of operation and a standard hot-gas defrosting system, which in contrast to other systems is pressure- and temperature-controlled, ensures safe operation even at somewhat colder outside temperatures. A winter cover is included in the scope of delivery. The integrated digital control allows a combination with other energy sources and enables fully automatic heating and cooling. The control unit can also be operated from your equipment room via an optionally available control panel. It is possible to connect several „classic line i“ models in a cascade in order to heat even very large pool systems.

Model	HKS 110 I	HKS 140 I	HKS 180 I 230V
Art. No.	420 400 34	420 400 35	420 400 36
GR	9	9	9
Power supply	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
Installed power	0,30 - 2,91 kW	0,30 - 2,91 kW	0,37 - 3,94 kW
Heating power	2,9 - 11 kW	14,0 kW	4,60 - 18,0 kW
Current	9,5 A	9,6 A	17,0 A
Fusing	1 pol. C 16A	1 pol. C 16A	1 pol. C 20A
Heat exchanger	Titanium/PVC	Titanium/PVC	Titanium/PVC
COP	ca. > 4 - 13	ca. > 4 - 13	ca. > 4 - 13
Water flow rate min.	4,2 m³/h	5,3 m³/h	6,6 m³/h
Pressure loss	4,2 kPa	5 kPa	6 kPa
Sound level in 1/10 m	52/32 db(A)	53/33 db(A)	56/36 db(A)
Refrigerant	R32	R32	R410A
Refrigerant weight appr.	600 g	600 g	1.200 g
Net weight	66 kg	66 kg	87 kg
Dimensions L x W x H (mm)	1.000 x 415 x 770	1.000 x 415 x 700	1.100 x 450 x 860
Pool size with cover*	appr. 40 m³	appr. 50 m³	appr. 60 m³
€ RRP w/o VAT	3.499,00	4.297,00	4.830,00

* All values are based on a design at an air temperature of **+19 °C**, pool water **+26 °C** (pool covered, thermal cover).

Period of use approx. **mid-May to mid-September**, daily filter pump running time approx. 10 - 12 h.

If the ambient conditions change, a separate design is required, which we will of course be happy to help you with.

Recommended range of use of the basic-line from **+5 °C to +35 °C**, technically possible limit of use **-15 °C to +35 °C**.

Attention: Danger of frost at temperatures below zero due to water-bearing parts.

BEHNCKE heat pump



BEHNCKE heat pump classic line i VS

In the further development of our „classic line i“ series, the focus was on noise minimisation and energy efficiency. This has resulted in one of the quietest heat pumps on the market, which produces a noise emission of only 26-36 db(A) in partial load operation. Designed as a 3-season heat pump, the machine modulates in different output ranges depending on the heat demand. In this way, the „classic-line i vs“ heat pumps achieve a high COP value in part-load operation and a pleasantly low noise level. Should a noise problem nevertheless arise during operation, the „classic-line i vs“ models up to output size 330 offer the possibility of subsequently regulating the output and thus the noise level on site. The „classic-line i vs“ product range includes 6 output sizes from 14 to 30 kW. The power-controlled mode of operation and a standard hot-gas defrosting system, which in contrast to other systems is pressure- and temperature-controlled, ensures safe operation even at somewhat colder outside temperatures. A winter cover is included in the scope of delivery. The integrated digital control allows a combination with other energy sources and enables fully automatic heating and cooling. The control unit can also be operated from your equipment room via an optionally available control panel. It is possible to connect several „classic line i vs“ models in a cascade in order to heat even very large pool systems.

HKS 180 I 230 V
Available from February /
March 2025

Model	HKS 140 I	HKS 180 I 230V	HKS 180 I 400V
Art. No.	420 400 40	420 400 41	420 400 42
GR	9	9	9
Power supply	230V/50Hz	230V/50Hz	400V/50Hz
Installed power	0,30 - 2,98 kW	0,37 - 3,94 kW	0,60 - 3,94 kW
Heating power	3,80 - 14,00 kW	4,60 - 18,00 kW	4,60 - 18,00 kW
Current	13,0 A	17,0 A	4,4 A
Fusing	1 pol. C 16A	1 pol. C 20A	3 pol. C 16A
Heat exchanger	Titanium/PVC	Titanium/PVC	Titanium/PVC
COP	ca. > 4 - 13	ca. > 4 - 13	ca. > 4 - 13
Water flow rate min.	5,3 m³/h	6,6 m³/h	6,6 m³/h
Pressure loss	5,0 kPa	6,0 kPa	6,0 kPa
Sound level in 1/10 m	56/42 db(A)	58/48 db(A)	58/48 db(A)
Refrigerant	R410A	R410A	R410A
Refrigerant weight appr.	1.100 g	1.200 g	1.200 g
Net weight	95 kg	97 kg	100 kg
Dimensions L x W x H (mm)	730 x 835 x 865	770 x 990 x 970	770 x 990 x 970
Pool size with cover*	appr. 50 m³	appr. 60 m³	appr. 60 m³
€ RRP w/o VAT	4.370,00	5.154,00	5.403,00

* All values are based on a design at an air temperature of **+19 °C**, pool water **+26 °C** (pool covered, thermal cover).
Period of use approx. **mid-May to mid-September**, daily filter pump running time approx. 10 - 12 h.
If the ambient conditions change, a separate design is required, which we will of course be happy to help you with.
Recommended range of use of the basic-line from **+5 °C to +35 °C**, technically possible limit of use **-15 °C to +35 °C**.

Attention: Danger of frost at temperatures below zero due to water-bearing parts.



4. POOL CLEANING

In the field of automatic cleaning, BEHNCKE offers the solution from the world market leader Maytronics. Floor cleaners of the "Dolphin" brand stand for high-quality and efficient cleaning results. With its own BEHNCKE vacuum cleaner line "Scoop- Line BEHNCKE has three exclusive models in its portfolio which can be used for different types and lengths of pools. In addition, the "S-Bio" has been specially developed for swimming pools.

Information about the brush types:

- ▶ PVC brush for concrete and PVC pools
- ▶ Combi brush for all pool types
- ▶ Wonderbrush brush for tile pools, V4A pools and GRP pools

Icon explanation:



Cleaning up to the waterline



Control via remote control possible



Control via bluetooth app possible



With stand



Swivel joint (Swivel)



Beach entry



With caddy



[GO TO THE SHOP HERE](#)



Why isn't my cleaner climbing?

The climbing properties are influenced by the following factors: worn brushes, clogged / dirty ones Filter and / or a pool that has not been thoroughly cleaned beforehand. Make sure your pool is cleaned manually before you use the cleaner for the first time or before it returns from a repair.

My white climbing rings are dented, are they damaged?

No, the indentations on the rings are normal due to the product settling during shipping. The rings will reshape once saturated with water.

When should I use Spring filters versus Ultra-Fine filters?

The Spring filters, which come installed in the robot, should be used for most routine cleanings to remove large debris, such as leaves. The Ultra-Fine (corrugated) filters, which are included in the box, should be used occasionally to remove small debris, such as dirt or sand.

Can I leave the Dolphin in the water?

The cleaner should be removed from the water after each cycle and placed in a suitable place to dry. The weekly timer function (depending on the model) serves as a vacation mode and not as a regular operation mode.

What is the purpose of the floats on the handle of the cleaner?

The floats are on the arm of the Dolphin. The floats help to maintain the buoyancy of the cleaner when it turns on the bottom of the pool and scrubs the waterline. To adjust the buoyance, slide the float out on one side of the Dolphin. If the cleaner continues to have issues turning or scrubbing the waterline, slide the opposite float out as well.

Can I leave the power supply outside?

The power supply is splash-proof, but not waterproof. Protect the transformer in a suitable location from rain and direct sunlight or with the separately available protective cover.

How do I remove the Dolphin from the pool?

Use the floating cable to pull the robot to the edge of the pool. Grab the handle and remove the robot from the water. Do not pull the robot out of the water using the cable. Place the robot on the side of the pool to allow the water to drain.

Does the Dolphin cleaner learn my pool?

No, the Dolphin cleaner performs a new mapping sequence with each cleaning cycle.

What items are considered "wearable parts" that are NOT covered under the warranty?

The guarantee covers the functions of the electronic components (transformer, cable, motor box, remote control). Any other are due to individual usage excluded from the warranty.

For more information regarding the conversion of the filter cartridges and filter bag, please refer to the insert provided in the box.

For more detailed instructions regarding your Dolphin cleaner, please visit our owner's manual website at: manuals.maytronics.com



Automatic Floor Vacuum Cleaners from Maytronics



ULTIMATE Line Dolphin ULTIMATE SMART

Excellent pool cleaning now even easier.

Especially developed to remove the most stubborn dirt, the Maytronics **Dolphin ULTIMATE SMART** completely redefines the simplicity of pool maintenance. Its easy operation and user-friendly handling simplify the complex requirements of pool cleaning. This model cleaner offers advanced technologies with the best pool cleaning performance. Thanks to the MyDolphin™ Plus app, the ULTIMATE SMART always stays connected to the internet, allowing you to easily control your cleaner anytime, anywhere.

- ▶ Cycle time: Standard mode: 2 hours, quick mode: 1 hour (floor only)
- ▶ App: Controllable via smartphone app
- ▶ Cable length: 18 m with swivel joint
- ▶ Filtration: Replaceable fine and ultra-fine filter pallets in a filter basket accessible from above with additional sealing
- ▶ Weight: 11 kg
- ▶ Suction power: 19 m³/h
- ▶ Motor voltage: 24 Volt
- ▶ IOT-Transformer splash-proof IP54
- ▶ Ideal pool length: up to 15 metres
- ▶ Cleaning cover: floor, walls and waterline
- ▶ Caddy: Included in delivery
- ▶ Warranty: 36 months, excluding wearing parts

Item	Art. No.	GR	€ RRP w/o VAT
Dolphin ULTIMATE SMART	390 057 24	9	1.470,00
Protective cover for floor vacuum cleaner - Colour black	850 501	10	58,57

NEW!

ULTIMATE Line Dolphin ULTIMATE COMFORT

Superior swimming pool cleaning made easy.

Powerfully built for the toughest soiling. The Maytronics **Dolphin ULTIMATE COMFORT** cleaner makes pool cleaning easy with simple operation and convenient handling. This newly developed cleaner has been designed with breakthrough technologies and heralds a new era of maximum pool cleaning performance. With the new MyDolphin™ Plus app, the Dolphin ULTIMATE COMFORT is always connected, so you can control your robot anytime, anywhere.

- ▶ Cycle time: 1 / 1,5 / 2 / 2,5 hours
- ▶ App: Controllable via smartphone app
- ▶ Cable length: 18 m with swivel joint
- ▶ Filtration: Highly efficient all-season filter, full filter bag indicator, with additional sealing, optional sealing, optional thicker cartridge and large filter capacity
- ▶ Weight: 11,5 kg
- ▶ Suction power: 19 m³/h
- ▶ Motor voltage: 24 Volt
- ▶ IOT-Transformer splash-proof IP54
- ▶ Ideal pool length: up to 15 metres
- ▶ Cleaning cover: floor, walls and waterline
- ▶ Caddy: Included in delivery
- ▶ Warranty: 48 months, excluding wearing parts



Item	Art. No.	GR	€ RRP w/o VAT
Dolphin ULTIMATE COMFORT	390 057 26	9	1.890,00
Protective cover for floor vacuum cleaner - Colour black	850 501	10	58,57

NEW!



NEW!

ULTIMATE Line Dolphin ULTIMATE DELUXE

Absolute cleaning performance.

Pool cleaning on another level. The Maytronics **Dolphin ULTIMATE DELUXE** cleaner saves you valuable time when cleaning your pool thanks to its simple operation and Wi-Fi® connectivity. Use the MyDolphin™ Plus app to customise cleaning schedules to suit your pool's needs. The Dolphin ULTIMATE DELUXE is designed to provide unrivalled cleaning of the floor, walls and waterline. It has a temperature sensor to keep you informed of the water temperature in your pool and a filter indicator that shows you how full it is.



- ▶ Cycle time: Very fast 1 hour / Fast 1.5 hours / Standard 2 hours / Intensive 2.5 hours
- ▶ App: Controllable via smartphone app
- ▶ Cable length: 18 m with swivel joint
- ▶ Filtrierung: Highly efficient, top-accessible filter basket with extra sealing
- ▶ Weight: 11,5 kg
- ▶ Suction power: 19 m³/h
- ▶ Motor voltage: 24 Volt
- ▶ IOT-Transformer splash-proof IP54
- ▶ Ideal pool length: up to 15 metres
- ▶ Cleaning cover: floor, walls and waterline
- ▶ Remote control: Included in delivery
- ▶ Caddy: Included in delivery
- ▶ Warranty: 48 months, excluding wearing parts

Item	Art. No.	GR	€ RRP w/o VAT
Dolphin ULTIMATE DELUXE	390 057 25	9	2.059,00
Protective cover for floor vacuum cleaner - Colour black	850 501	10	58,57

Automatic Floor Vacuum Cleaners from Maytronics



SCOOP Line SCOOP SMART

Experience the superior pool cleaning of the Maytronics Dolphin SCOOP series with the **SCOOP SMART**. The Maytronics Dolphin SCOOP SMART is ultra-lightweight and can be easily removed from the pool thanks to the quick water drain. Choose between two filtration options, to filter coarse soiling or fine dirt. In addition, the double active brushes and the PowerStream mobility system ensure efficient coverage of the pool. The Dolphin SCOOP SMART delivers the best cleaning results, leaving the floor, walls and waterline spotlessly clean.

- ▶ Cycle time: 2 hours
- ▶ Cable length: 18 m
- ▶ Filtration: multi-layer filter system with integrated fine and ultra-fine filters
- ▶ Weight: 8,4 kg
- ▶ Suction power: 15 m³/h
- ▶ Motor voltage: 24 Volt
- ▶ Transformer splash-proof IP54
- ▶ Ideal pool length: up to 12 metres
- ▶ Cleaning cover: floor, walls and waterline
- ▶ Warranty: 36 months, excluding wearing parts

Item	Art. No.	GR	€ RRP w/o VAT
SCOOP SMART	390 057 44	9	1.290,00
Protective cover for floor vacuum cleaner - Colour black	850 501	10	58,57

Goes with

See page 225 under SCOOP DELUXE



SCOOP Line SCOOP COMFORT with smartphone navigation

With the Maytronics Dolphin **SCOOP COMFORT**, which offers additional functions such as multi-layer filtration, you can make your pool cleaning even more convenient. The options of this Maytronics Dolphin robot includes the normal cleaning mode for a complete cleaning within two hours or the fast mode for efficient cleaning in half the time. Use the MyDolphin™ mobile app to set up cleaning programmes and cycle times.

- ▶ Cycle time: 1,0/2,0 hours
- ▶ App: MyDolphin™ Plus Mobile App. Control from anywhere at any time
- ▶ Cable length: 18 m
- ▶ Filtration: multi-layer filter system with integrated fine and ultra-fine filters
- ▶ Weight: 8,4 kg
- ▶ Suction power: 15 m³/h
- ▶ Motor voltage: 24 Volt
- ▶ IOT-Transformer splash-proof IP54
- ▶ Ideal pool length: up to 12 metres
- ▶ Cleaning cover: floor, walls and waterline
- ▶ Caddy: Included in delivery
- ▶ Warranty: 36 months, excluding wearing parts

Item	Art. No.	GR	€ RRP w/o VAT
SCOOP COMFORT	390 057 45	9	1.490,00
Protective cover for floor vacuum cleaner - Colour black	850 501	10	58,57

Goes with

See page 225 under SCOOP DELUXE



SCOOP Line SCOOP DELUXE with smartphone remote control

Step into a new pool cleaning experience with this top-of-the-range robot that offers you even more comfort and freedom. Control your Dolphin **SCOOP DELUXE** robot by operating it manually, setting up cleaning programmes or setting a delayed start. You can also control the robot via the multifunctional power pack next to your pool. With the new MyDolphin™ Plus mobile app, the Dolphin SCOOP DELUXE is always connected, so you can control your cleaning robot at any time and from anywhere.

- ▶ Cycle time: 1,5/2/2,5 hours
- ▶ App: MyDolphin™ Plus mobile app, setting and control of the cleaning programmes, weekly timer, cycle selection, operating delay, manual navigation and registration
- ▶ Cable length: 15 m
- ▶ Filtration: multi-layer filter, separates and filters coarse dirt and ultra-fine dirt at the same time - for highly efficient, clog-free filtration, Quick separation for easy cleaning
- ▶ Weight: 8,4 kg
- ▶ Suction power: 17 m³/h
- ▶ Motor voltage: 24 Volt
- ▶ IOT-Transformer splash-proof IP54
- ▶ Cleaning cover: floor, walls and waterline
- ▶ Caddy: Included in delivery
- ▶ Warranty: 36 months, excluding wearing parts

Item	Art. No.	GR	€ RRP w/o VAT
SCOOP DELUXE	390 057 46	9	1.690,00
Protective cover for floor vacuum cleaner - Colour black	850 501	10	58,57

NEW!

Goes with



850 501

Protective cover for vacuum cleaner



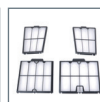
850 830

Caddy universal for vacuum cleaner



MY15-999 146 7

Replacement filter fine



MY15-999 146 3

Replacement filter coarse



MY15-998 310 6

Filter insert

Spare Parts for all Scoop Cleaners

Item	Art. No.	GR	€ RRP w/o VAT
Replacement filter fine	MY15-999 146 7	10	138,80
Replacement filter coarse replacement filter coarse	MY15-999 146 3	10	76,90
Filter insert	MY15-998 310 6	10	75,05
Caddy universal for vacuum cleaner	850 830	10	167,40
Protective cover for floor vacuum cleaner - Colour black	850 501	10	58,57

NEW!

Automatic Floor Vacuum Cleaners from Maytronics

NEW!

Private Label

BEHNCKE B3 - Wireless pool cleaning

The new generation of wireless pool cleaning.

The same unmatched Dolphin performance - now wireless! Discover the new BEHNCKE B3 with a new wireless design for unsurpassed agility and inductive charging. BEHNCKE B3 offers new features such as „Magnetic-Connect“ for easy snap-in and. „Eco mode“ keeps your pool clean all week long with short and efficient cleaning cycles and the „Cycle Selector“, allows you to clean only the bottom or the bottom and walls. In addition, the model has the „Click-Up™“ function, which allows you to easily the robot out of the pool. Powerful brushes and a superior filtration system, offer you the same reliability to easily take the robot and service platform as other Dolphin products - now wireless!

- ▶ Cycle time: 2,5 hours
- ▶ Filter system with basket and cartridge
- ▶ Weight: 8,1 kg
- ▶ Click-Up™ function
- ▶ Cycle selector switch
- ▶ Eco mode
- ▶ Inductive charging
- ▶ Cleaning cover: floor, walls and waterline
- ▶ Warranty: 24 months, excluding wearing parts



Item	Art. No.	GR	€ RRP w/o VAT
BEHNCKE B3	390 057 47	9	1.090,00
Protective cover for floor vacuum cleaner - Colour black	850 501	10	58,57

Private Label

BEHNCKE B4 - Wireless pool cleaning

The new generation of wireless pool cleaning.

The same unmatched Dolphin performance - now wireless! Discover the BEHNCKE B4 with its new wireless design for unrivalled agility and inductive charging. The BEHNCKE B4 „Eco Mode“ will keep your pool clean all week long with short and efficient cleaning cycles. The „Cycle Selector“ lets you choose between floor only and floor and walls cleaning. In addition, you can use the „Click-Up™“ function for super easy lifting out of the pool.

The BEHNCKE B4 features the MyDolphin™ Plus app for easy setting of individual cleaning programmes. With powerful brushes and a superior filtration system with short and efficient, you get the same reliability and service platform as other Dolphin products - now wireless!

- ▶ Cycle time: 2,5 hours
- ▶ Controllable via smartphone app
- ▶ Filter system with basket and cartridge
- ▶ Weight: 8,1 kg
- ▶ Click-Up™ function
- ▶ MyDolphin™ Plus App
- ▶ Eco mode
- ▶ Inductive charging
- ▶ Cleaning cover: floor, walls and waterline
- ▶ Warranty: 36 months, excluding wearing parts



Wall mount



Click here for the video!

Item	Art. No.	GR	€ RRP w/o VAT
BEHNCKE B4	390 057 43	9	1.290,00
Protective cover for floor vacuum cleaner - Colour black	850 501	10	58,57



NEW!

LIBERTY Line Dolphin LIBERTY 600 - Wireless pool cleaning

The new generation of wireless pool cleaning.

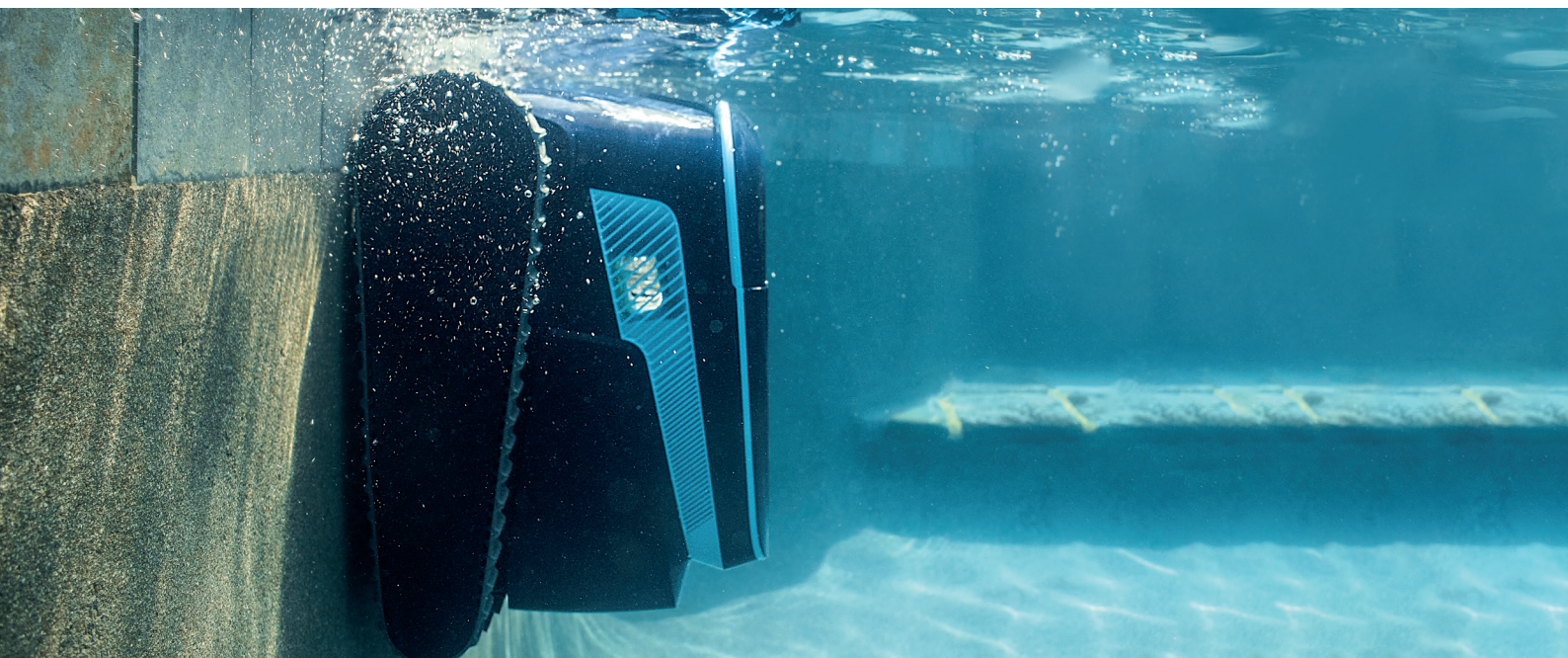
The same unmatched Dolphin performance - now wireless!
Discover the new Dolphin LIBERTY 600 with a new wireless design for unrivalled agility and inductive charging. The Dolphin LIBERTY 600 offers new features such as 'Magnetic-Connect' for easy locking and charging. The 'Eco Mode', which keeps your pool clean for up to two weeks with short and efficient cleaning cycles, and the 'Cycle Selector', which allows you to clean only the floor or the floor and walls. The model also has the 'Click-Up™' and the 'Homing' function, with which you can easily the robot to a wall you have previously defined in the app. Technology for recognising steps and therefore also cleaning with JET-Cleaning. With powerful brushes and a superior filtration system, you get the same reliability and service platform as other Dolphin products - now wireless!



- ▶ Cycle time: 4,5 hours
- ▶ Controllable via smartphone app
- ▶ Filter system with basket and cartridge
- ▶ Weight: 11,5 kg
- ▶ Click-Up™ and homing function
- ▶ Cycle selector switch
- ▶ Eco mode
- ▶ Jet-Cleaning: technology for detecting and cleaning steps
- ▶ Inductive charging
- ▶ Cleaning cover: floor, walls and waterline
- ▶ Warranty: 36 Monate, excluding wearing parts

Item	Art. No.	GR	€ RRP w/o VAT
Dolphin LIBERTY 600	390 057 48	9	1.490,00
Protective cover for floor vacuum cleaner - Colour black	850 501	10	58,57

NEW!
NEW!



Automatic Floor Vacuum Cleaners from Maytronics



Professional Line Dolphin S-BIO Cleaner

Naturally pure water with the Dolphin S-BIO Cleaner!

It is suitable for natural pools with a length of up to 12 meters. The robot combines the best of proven technology with additional features that meet the special challenges and requirements of organic and natural pools.

- ▶ Cycle time: 2/3/4 hours
- ▶ Controllable via remote control
- ▶ Cable Length: 18 m with swivel joint
- ▶ With swivel joint
- ▶ Filtration: 50/100/200 microns
- ▶ Weight: 11 kg
- ▶ Suction power: 17 m³/h
- ▶ Motor voltage: 24 Volt
- ▶ Transformer splash-proof IP54
- ▶ Cleaning cover: floor, walls and waterline
- ▶ Caddy: Included in delivery
- ▶ Warranty: 24 months, excluding wearing parts

Item	Art. No.	GR	€ RRP w/o VAT
Dolphin S-BIO Cleaner	390 054 61	9	2.093,00
Protective cover for floor vacuum cleaner - Colour black	850 501	10	58,57

Goes with



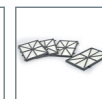
850 501

Protective cover for vacuum cleaner



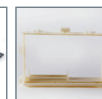
850 830

Caddy universal for vacuum cleaner



840 65

Replacement link for S-BIO



840 64

Filter and cartridge holder



Manual Cleaning Systems



Floor cleaner with lateral brushes

Made of plastic, suction connection 38 mm.

Item	Art. No.	GR	€ RRP w/o VAT
Floor cleaner with lateral brushes	608 170 14	6	67,50



Floor cleaner standard

Made of plastic, suction connection 38 mm.

Item	Art. No.	GR	€ RRP w/o VAT
Floor cleaner standard	608 171 37	6	55,40



Cleaning brush

Made of plastic.

Item	Art. No.	GR	€ RRP w/o VAT
Cleaning brush small, 130 mm wide	608 170 44	6	13,40
Cleaning brush large, 420 mm wide	608 170 15	6	12,00



Leaf net

With frame made of reinforced plastic.

Item	Art. No.	GR	€ RRP w/o VAT
Leaf net	608 170 01	6	28,50



Ground net

With frame made of reinforced plastic.

Item	Art. No.	GR	€ RRP w/o VAT
Ground net	608 170 02	6	42,43



Telescopic pole

Made of anodised aluminium, for brooms, brushes and landing nets, adjustable, extendable.

Item	Art. No.	GR	€ RRP w/o VAT
1,8 to 3,6 m	680 00 01	6	51,10
2,5 to 5,0 m	680 00 00	6	57,15



Suction hose

Made of plastic, spiral look, 38 mm, connection self-floating, flexible, incl. end pieces.

Item	Art. No.	GR	€ RRP w/o VAT
8 m complete	390 052 04	6	63,85
10 m complete	390 052 00	6	69,00
15 m complete	390 052 03	6	97,80



Floating hose with moulded socket

Roll blue, prices per metre.

Item	Art. No.	GR	€ RRP w/o VAT
d 38 mm (Roll 51 meter)	390 052 09	6	4,50
d 32 mm (Roll 50,6 meter)	390 052 10	6	4,50



Circular thermometer

Measures the water temperature 30 cm below the water surface, can be read from the top, incl. fixing cord, colour blue.

Item	Art. No.	GR	€ RRP w/o VAT
Circular thermometer	390 084 00	6	45,20



Dosing float

For chlorine tablets, floating and adjustable in quantity.

Item	Art. No.	GR	€ RRP w/o VAT
Dosing float	608 170 08	6	20,00



5. POOLS + ACCESSORIES

Here you will find all of our pool components such as IGLU stones, liners from CGT - which impresses with their price, design and handling - as well as roller shutter covers from Aquadeck and BAC.

We will also give you an overview of our MATCHPOOLS MINI concept, which fulfills your customer's desire to have their own pool, even in the smallest of spaces.



[GO TO THE SHOP HERE](#)

NEW!

MATCHPOOLS MINI

BEHNCKE
GmbH

fluvo
Innovative Schwimmbeckenbau

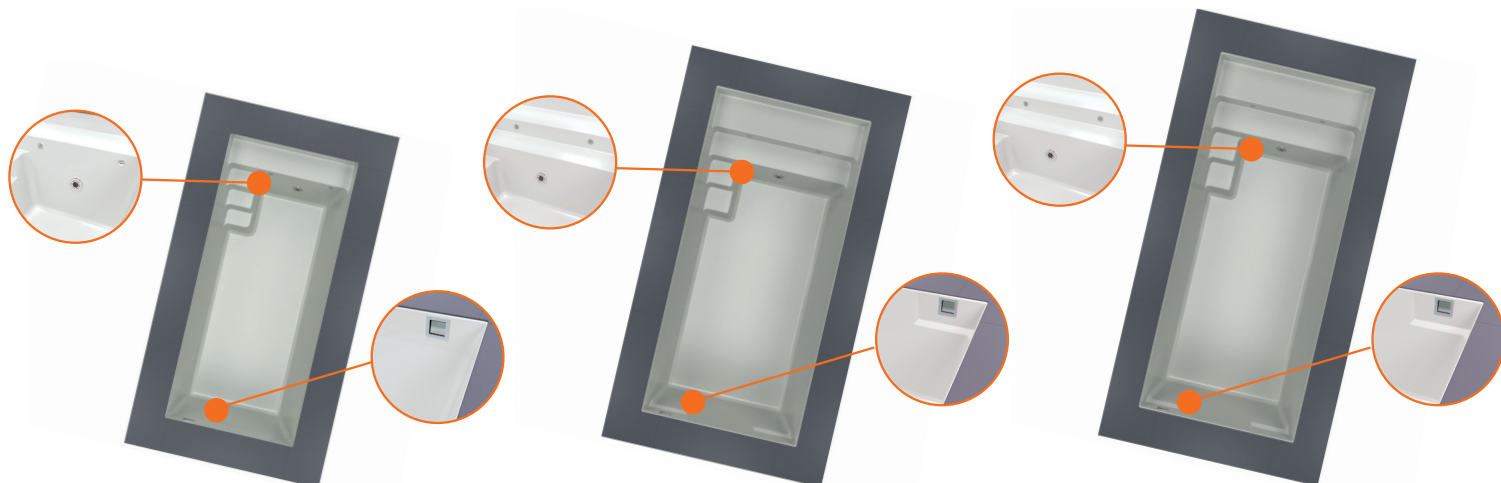
novacom

ROLLO SOLAR

MATCHPOOLS 23 / 28 / 28 XL

Small garden - great joy.

Our MATCHPOOLS MINI concept fulfills the dream of your own pool even in the smallest places.



Picture: MATCHPOOLS 23

Internal dimensions: 2,35 x 5,20 x 1,40 m
External dimensions: 2,47 x 5,30 x 1,44 m
Colour: light grey, weight: approx. 400 kg*

Picture: MATCHPOOLS 28

Internal dimensions: 2,85 x 6,00 x 1,40 m
External dimensions: 2,95 x 6,10 x 1,44 m
Colour: light grey, weight: approx. 500 kg*

Picture: MATCHPOOLS 28 XL

Internal dimensions: 2,85 x 7,40 x 1,40 m
External dimensions: 2,95 x 7,50 x 1,44 m
Colour: light grey, weight: approx. 650 kg*

*Weights correspond to the basins without tiles

NOW IN 3 OPTICAL POOLS VARIANTS

The modern relief surface on the steps and on the seats provide a non-slip surface.



Papyrus



Seats, steps and border
made of glass mosaic



Total made of glass mosaic

Choose your individual pool design!



MATERIAL PROPERTIES

The pool bodies of these prefabricated swimming pools consist of seven layers of material, each of them have a special function.

Colourfast, Easy care, Skin-friendly

- 1. Duracolor 90 HD. The synthetic high-density colour carrier layer for highly stressed swimming pool surfaces
- 2. Fine cell layer to minimise fibre print on the high-gloss surface. Makes the pool noticeably smoother

Resistant to osmosis thanks to epoxy acrylate

- Robust carrier layer made of high-strength fibre mats
- Chemical-resistant fibreglass
- Fibreglass fine layer as base layer
- Ceramic coupling layer to create a homogeneous and durable structure. All layers are embedded in highly resistant epoxy acrylate

Insulation saves energy, saves your budget

- Insulation layer made of polyurethane rigid foam
- K-value 0.3 W / m² - k. (For comparison: triple insulating glass = 0.45 W / m² - k)

Stabilisation

- Backup material as 'last layer' and final layer
- Integrated steel rectangular tubes and a standing step
- Provide maximum stability



SIDE WALLS

6 layers
(WITHOUT foam insulation)

FLOOR
7 layers

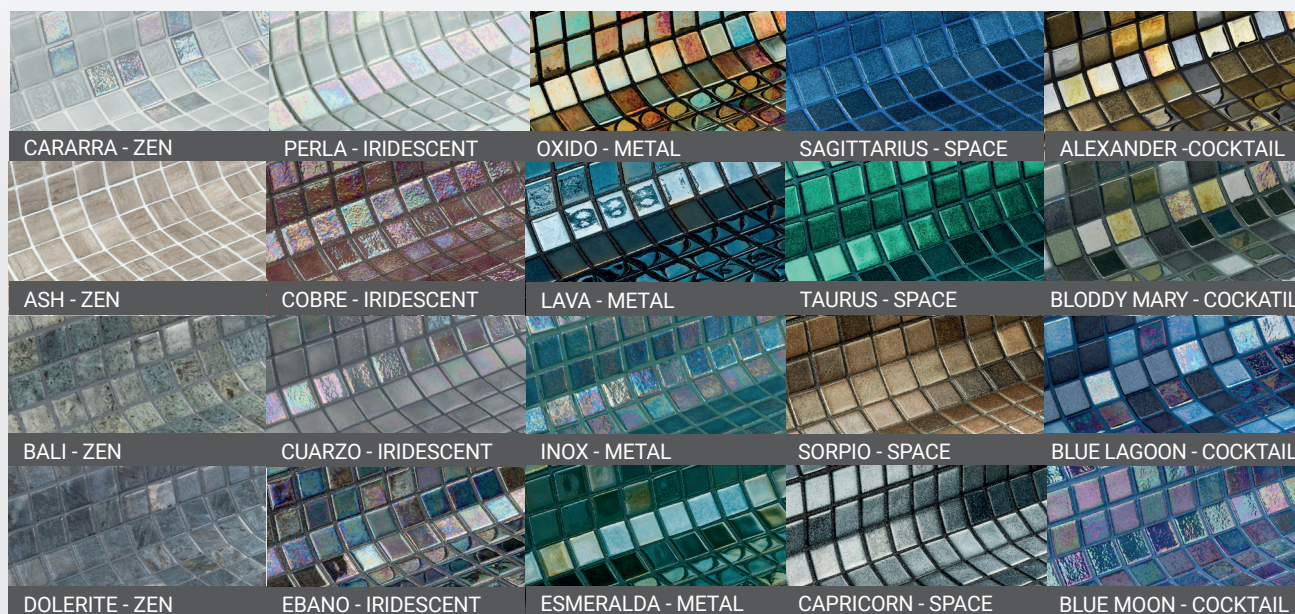
The material properties

The rigid foam insulation on the floor is made of an elaborate epoxy-acrylate laminate with 7 layers and a ceramic core as well as steel inserts. There are only 6 layers in the side walls (without foam insulation!). This construction makes a MATCHPOOL extremely dimensionally stable. All built-in parts in the backfill area are made of sturdy stainless steel.

SMALL MOSAIC SELECTION...

... for the customised design of your MATCHPOOLS MINI.

Choose your favourite colour!





NEW!

MATCHPOOLS 23

Interior dimensions: 2,35 x 5,20 x 1,40 m
Exterior dimensions: 2,47 x 5,30 x 1,44 m
Colour: light grey, Weight: approx. 400 kg (Weights correspond to the basins without mosaic).

Item	Art. No.	GR	€ RRP w/o VAT
MATCHPOOLS 23 Pool, Papyrus light grey	500 400 10	10	12.245,00
MATCHPOOLS 23 Pool, Glass mosaic seat, steps and border	500 400 101	10	16.405,00
MATCHPOOLS 23 Pool, Complete glass mosaic	500 400 102	10	29.740,00
Freight / Pool		0	1.500,00
Installation parts package MATCH REVOLUTION (2x REVOLUTION stainless steel inlet nozzles + 1x REVOLUTION surface skimmer B280 + 1x BEHNCKE Power Led 25 Watt REVOLUTION, warmwhite)	EBTP REVOLUTION (on-site installation into the pool)	9	2.737,65

Optional accessory products for MATCHPOOLS 23	Art. No.	GR	€ RRP w/o VAT
Floor drain 170 REVOLUTION for side panel, not mounted	370 170 00 + 370 170 20	2	336,00
Heat pump MR. SILENCE 230 V	420 600 00	9	3.370,00
Floor cleaner SCOOP SMART	390 057 44	9	1.290,00
Floor cleaner B3	390 057 47	9	1.090,00
Service shaft SMART	890 001 06-24	9	5.569,00
Technical package SMART 6 without shaft, not mounted	890 001 13	9	3.525,00
Technical box SMART 500, anthracite	890 001 18	10	6.699,00
XANAS V4A jet system REVOLUTION, 1.5 kW (installation kit + jet system + self-priming pump)	FL-94696	10	4.294,50

Optional covers for MATCHPOOLS 23	Art. No.	GR	€ RRP w/o VAT
novacom ROLL & GUARD safety cover	357 220 60	10	1.233,13
novacom FLAT CLEAR sliding hall	357 220 61	10	8.345,00
novacom wood pool deck ATLAS	357 220 62	10	9.901,68
Solar roller blind - SOLAR DESIGN COVER PC in white aluminium, solar slats	357 220 50	9	9.034,65



NEW!

MATCHPOOLS 28

Interior dimensions: 2,85 x 6,00 x 1,40 m

Exterior dimensions: 2,95 x 6,10 x 1,44 m

Colour: light grey, Weight: approx. 500 kg (Weights correspond to the basins without mosaic).

Item	Art. No.	GR	€ RRP w/o VAT
MATCHPOOLS 28 Pool, Papyrus light grey	500 400 12	10	12.500,00
MATCHPOOLS 28 Pool, Glass mosaic seat, steps and border	500 400 121	10	16.700,00
MATCHPOOLS 28 Pool, Complete glass mosaic	500 400 122	10	30.000,00
Freight / Pool		0	1.500,00
Installation parts package MATCH REVOLUTION (2x REVOLUTION stainless steel inlet nozzles + 1x REVOLUTION surface skimmer B280 + 1x BEHNCKE Power Led 25 Watt REVOLUTION, warmwhite)	EBTP REVOLUTION (on-site installation into the pool)	9	2.737,65

Optional accessory products for MATCHPOOLS 28	Art. No.	GR	€ RRP w/o VAT
Floor drain 170 REVOLUTION for side panel, not mounted	370 170 00 + 370 170 20	2	336,00
Heat pump MR. SILENCE 230 V	420 600 00	9	3.370,00
Floor cleaner SCOOP SMART	390 057 44	9	1.290,00
Floor cleaner B3	390 057 47	9	1.090,00
Service shaft SMART	890 001 06-24	9	5.569,00
Technical package SMART 6 without shaft, not mounted	890 001 13	9	3.525,00
Technical box SMART 500, anthracite	890 001 18	10	6.699,00
XANAS V4A jet system REVOLUTION, 1.5 kW (installation kit + jet system + self-priming pump)	FL-94696	10	4.294,50

Optional covers for MATCHPOOLS 28	Art. No.	GR	€ RRP w/o VAT
novacommet ROLL & GUARD safety cover	357 220 63	10	1.567,69
novacommet FLAT CLEAR sliding hall	357 220 64	10	8.980,00
novacommet wood pool deck ATLAS	357 220 65	10	11.372,84
Solar roller blind - SOLAR DESIGN COVER PC in white aluminium, solar slats	357 220 51	9	10.234,15



NEW!

MATCHPOOLS 28 XL

Interior dimensions: 2,85 x 7,40 x 1,40 m

Exterior dimensions: 2,95 x 7,50 x 1,44 m

Colour: light grey, Weight: approx. 650 kg (Weights correspond to the basins without mosaic).

Item	Art. No.	GR	€ RRP w/o VAT
MATCHPOOLS 28 XL Pool, Papyrus light grey	500 400 08	10	15.000,00
MATCHPOOLS 28 XL Pool, Glass mosaic seat, steps and border	500 400 081	10	20.000,00
MATCHPOOLS 28 XL Pool, Complete glass mosaic	500 400 082	10	36.700,00
Freight / Pool		0	1.815,13
Installation parts package MATCH REVOLUTION (2x REVOLUTION stainless steel inlet nozzles + 1x REVOLUTION surface skimmer B280 + 1x BEHNCKE Power Led 25 Watt REVOLUTION, warmwhite)	EBTP REVOLUTION (on-site installation into the pool)	9	2.737,65

Optional accessory products for MATCHPOOLS 28 XL	Art. No.	GR	€ RRP w/o VAT
Floor drain 170 REVOLUTION for side panel, not mounted	370 170 00 + 370 170 20	2	336,00
Heat pump MR. SILENCE 230 V	420 600 00	9	3.370,00
Floor cleaner SCOOP SMART	390 057 44	9	1.290,00
Floor cleaner B3	390 057 47	9	1.090,00
Service shaft SMART	890 001 06-24	9	5.569,00
Technical package SMART 6 without shaft, not mounted	890 001 13	9	3.525,00
Technical box SMART 500, anthracite	890 001 18	10	6.699,00
XANAS V4A jet system REVOLUTION, 1.5 kW (installation kit + jet system + self-priming pump)	FL-94696	10	4.294,50

Optional covers for MATCHPOOLS 28 XL	Art. No.	GR	€ RRP w/o VAT
novacom ROLL & GUARD safety cover	357 220 66	10	1.830,87
novacom FLAT CLEAR sliding hall	357 220 67	10	11.341,00
novacom wood pool deck ATLAS	357 220 68	10	17.034,64
Solar roller blind - SOLAR DESIGN COVER PC in white aluminium, solar slats	357 220 52	9	11.018,15



OPTIONAL COVERS FOR MATCHPOOLS MINI

novacommet FLAT CLEAR Sliding hall



Rollo Solar - SOLAR DESIGN COVER PC made of white aluminium



novacommet wood pool deck ATLAS



novacommet ROLL & GUARD Safety cover



Roller shutter covers

AQUADECK®
POOLCOVERS



Close _____
to be **perfect**

Aquadeck® Roller shutter covers

**Aquadeck® offers a variety of solutions for every pool.
The cover defines the aesthetics of the pool.**

A pool means luxury, family time, exercise and relaxation. All parts of the pool must contribute to this expectation. At Aquadeck® we see the cover cover as an essential design element for your pool. The cover opens and closes your perfect day. It is more than just a cover. It adds the finishing touch to your pool and adds charm to your garden. For you as the pool owner, your Aquadeck® cover is a treasure that you can look at with pride every day. With Aquadeck® you are opting for a state-of-the-art product. An Aquadeck® cover works perfectly, offers safety, saves money and also looks good.

With an Aquadeck® pool cover you gain the following advantages:

- ▶ **Anti-algae system** - Prevent algae growth
- ▶ **Warranty** - 5 year warranty on all parts incl. control unit
- ▶ **100% waterproof** - Ultrasonically welded
- ▶ **Safety** - A wide range of safety features
- ▶ **Solar slats** - Reduces energy consumption for pool heating and extends your pool season
- ▶ **Design** - PVC or polycarbonate

Scan the QR code and
and take a look at the
Aquadeck® price list.



**If you are interested in an Aquadeck®
roller shutter, please contact your
sales representative.**



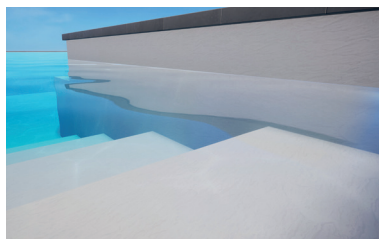
CGT Swimming Pool Foils AQUASTONE

NEW!

Here you will find videos and pictures of pools with the AQUASTONE foils.



Example pictures:



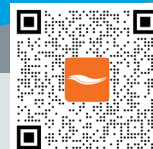
AQUASTONE White



AQUASTONE Adratic

CGT SWIMMING POOL FOILS AQUASTONE

The European design collection from CGT with innovative materials for swimming pool linings.



In addition to their top price/performance ratio, the swimming pool liners from CGT impresses with their exceptionally beautiful design. The material composition guarantees easy installation of the foil.

AQUASTONE is a waterproof, decorative, TEXTURED and PRINTED swimming pool lining. It consists of 2 flexible sheets of plasticised polyvinyl chloride (PVC-P), which are connected with an inner polyester fabric. This polyester fabric offers dimensional stability and high mechanical stability, as well as elasticity and flexibility. It is suitable for private and commercial swimming pools, for new construction and renovation in any size and shape.

Advantages:

AQUASTONE is a patented formula design to optimise the welding process. It is odourless and produces extremely low emission during installation. It is safe in accordance with the European standards REACH (protection of human health and the environment) and EN 71/3 (protection of children from hazardous chemicals).

Properties:

AQUASTONE is highly UV-stabilised and has excellent weather resistance. It facilitates maintenance work and increases the lifespan of the pool surface thanks to its multi-layer surface protection coating. The textured surface offers highest slip resistance according to DIN 51097 class C. The film is treated against the growth of fungi and microorganisms. It is compatible with the chemicals used for water treatment in swimming pools. Maximum water temperature 35°C.

Standard sizes:

AQUASTONE is a 1.80 mm thick reinforced membrane. It is supplied in rolls of 1.65 x 21 m, or 25 m.

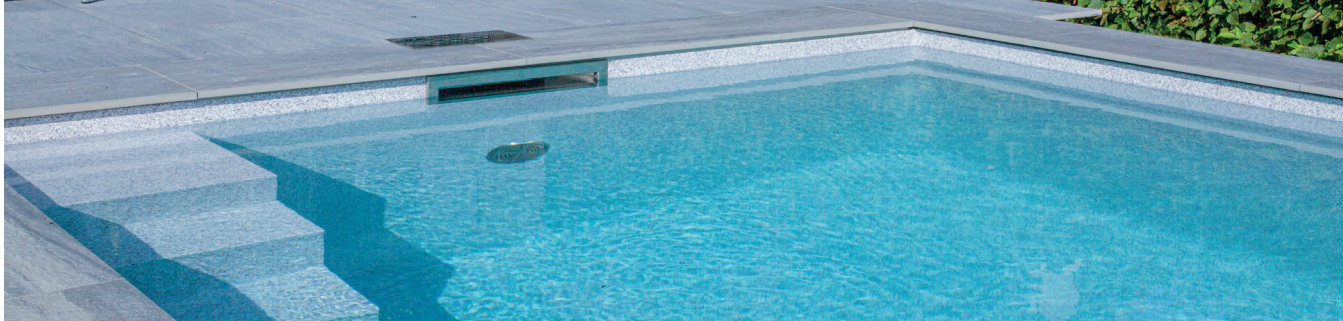
Warranty:

- 15 years on the tightness of the film
- 2 years on the durability/staining

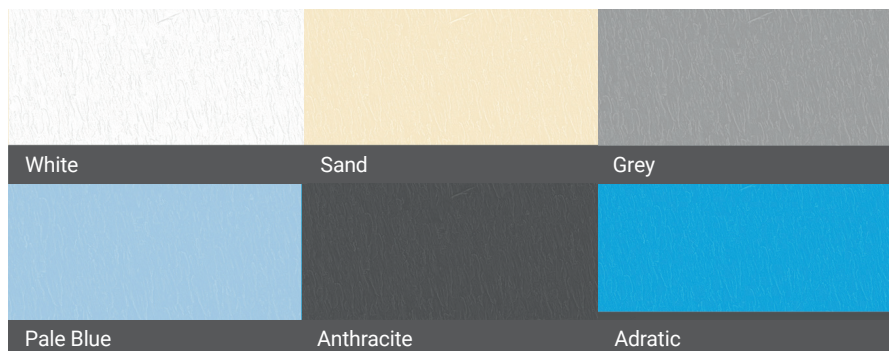
*The warranty conditions of the company CGT ALKOR apply: www.poolsidebycgt.com

You will find our sample selection on the right-hand side.

Item	Color	Roll length / m ²	Art. No.	GR	€ RRP w/o VAT
CGT AQUASTONE	White	21 mtr. / 34,65 m ²	501 503 11	7	1.240,85
CGT AQUASTONE	Sand	21 mtr. / 34,65 m ²	501 503 12	7	1.240,85
CGT AQUASTONE	Grey	21 mtr. / 34,65 m ²	501 503 10	7	1.240,85
CGT AQUASTONE	Pale Blue	21 mtr. / 41,25 m ²	501 503 13	7	1.240,85
CGT AQUASTONE	Anthracite	25 mtr. / 41,25 m ²	501 503 88	7	1.477,20
CGT AQUASTONE	Adratic	25 mtr. / 41,25 m ²	501 503 87	7	1.477,20



NEW!
aquastone



AQUASTONE White

CGT Swimming Pool Foils AQUASENSE

NEW!

Here you will find videos and pictures of pools with the AQUASENSE foils.



Example pictures:



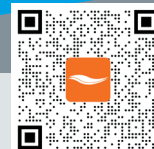
AQUASENSE Black Slate



AQUASENSE Granit Grey

CGT Swimming Pool Foils AQUASENSE

The European design collection from CGT with innovative materials for swimming pool linings.



In addition to their top price/performance ratio, the swimming pool liners from CGT impresses with their exceptionally beautiful design. The material composition guarantees easy installation of the foil.

AQUASENSE is a waterproof, decorative, TEXTURED and PRINTED swimming pool lining. It consists of 2 flexible sheets of plasticised polyvinyl chloride (PVC-P), which are connected with an inner polyester fabric. This polyester fabric offers dimensional stability and high mechanical stability, as well as elasticity and flexibility. It is suitable for private and commercial swimming pools, for new construction and renovation in any size and shape.

Advantages:

AQUASENSE is a patented formula design to optimise the welding process. It is odourless and produces extremely low emission during installation. It is safe in accordance with the European standards REACH (protection of human health and the environment) and EN 71/3 (protection of children from hazardous chemicals).

Properties:

AQUASENSE is highly UV-stabilised and has excellent weather resistance. It facilitates maintenance work and increases the lifespan of the pool surface thanks to its multi-layer surface protection coating. The textured surface offers highest slip resistance according to DIN 51097 class C. The film is treated against the growth of fungi and microorganisms. It is compatible with the chemicals used for water treatment in swimming pools. Maximum water temperature 35°C.

Standard sizes:

AQUASENSE is a 1.80 mm thick reinforced membrane. It is supplied in rolls of 1.65 x 21 m, or 25 m.

Warranty:

- ▶ 15 years on the tightness of the film
- ▶ 2 years on the durability/staining

*The warranty conditions of the company CGT ALKOR apply: www.poolsidebycgt.com

You will find our sample selection on the right-hand side.

Item	Color	Roll length / m ²	Art. No.	GR	€ RRP w/o VAT
CGT AQUASENSE	Nordic Stone*	21 mtr. / 34,65 m ²	501 503 00	7	1.654,85
CGT AQUASENSE	Golden Riviera	25 mtr. / 41,25 m ²	501 503 78	7	1.970,05
CGT AQUASENSE	Granit Blue	25 mtr. / 41,25 m ²	501 503 81	7	1.970,05
CGT AQUASENSE	White Riviera	25 mtr. / 41,25 m ²	501 503 82	7	1.970,05
CGT AQUASENSE	Granit Grey	25 mtr. / 41,25 m ²	501 503 77	7	1.970,05
CGT AQUASENSE	Granit Sand	25 mtr. / 41,25 m ²	501 503 79	7	1.970,05
CGT AQUASENSE	Black Slate	25 mtr. / 41,25 m ²	501 503 75	7	1.970,05
CGT AQUASENSE	Granit Green	25 mtr. / 41,25 m ²	501 503 74	7	1.970,05
CGT AQUASENSE SIGNATURE	Golden Basalt	25 mtr. / 41,25 m ²	501 503 72	7	2.045,00
CGT AQUASENSE SIGNATURE	Granit Gold	25 mtr. / 41,25 m ²	501 503 73	7	2.045,00
CGT AQUASENSE SIGNATURE	Fidji Vintage Grey	25 mtr. / 41,25 m ²	501 503 70	7	2.045,00
CGT AQUASENSE SIGNATURE	Fidji Vintage Grey	21 mtr. / 34,65 m ²	501 503 40	7	1.717,76
CGT AQUASENSE SIGNATURE	Fidji Brown Sand	25 mtr. / 41,25 m ²	501 503 71	7	2.045,00
CGT AQUASENSE SIGNATURE	Brown Basalt	21 mtr. / 34,65 m ²	501 503 03	7	1.717,76
CGT AQUASENSE SIGNATURE	Fidji Green	25 mtr. / 41,25 m ²	501 503 80	7	2.045,00

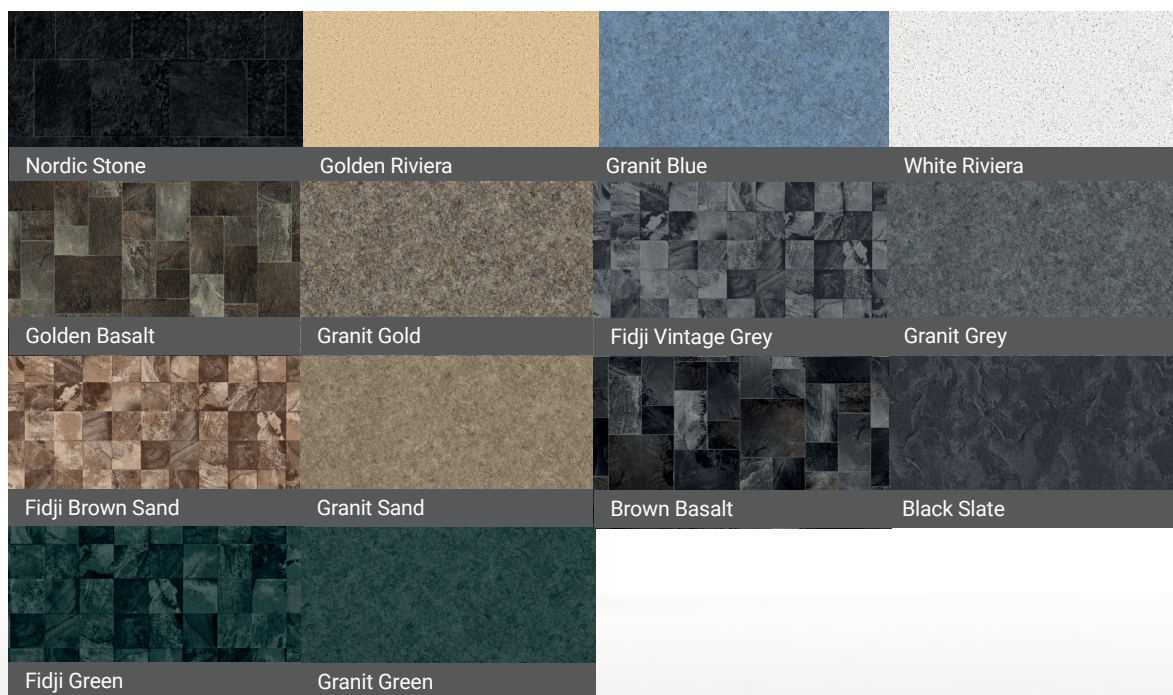
*Only while stocks last



NEW!

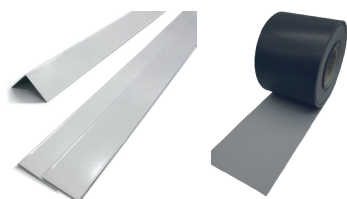
aquasense

aquasense
Signature



AQUASENSE Granit Sand

CGT liquid film, film sheets and accessories



CGT Accessories

Item	Art. No.	GR	€ RRP w/o VAT
Composite sheet width 1.0 mtr., length 2.0 mtr.	501 503 25	7	139,10
Angled composite sheet, 5 x 5 x 200; external coating, 50 x 50 mm	501 501 28	8	22,10
Angled composite sheet, 5 x 2.5 x 200; external coating, 50 x 25 mm	501 501 29	8	22,10
Angled composite sheet, 5 x 5 x 200; internal coating, 50 x 50 mm	501 501 35	8	22,10
Sheet metal cutting and edging (price per running metre)	501 501 11	0	5,00
Garter tape black/grey, width 15 cm, length 20 mtr.	501 503 20	7	161,20
Swelling agent 1 litre THF	501 503 23	7	33,80
Adhesive 5 litre Vynacol, not for polystyrene pools	501 503 24	7	129,64



Seam sealer AQUASTON & AQUASENSE

Item	Art. No.	GR	€ RRP w/o VAT
Seam sealer AQUASTONE Withe 1 litre	501 503 59	7	49,70
Seam sealer AQUASTONE Sand 1 litre	501 503 60	7	49,70
Seam sealer AQUASTONE Pale Blue 1 litre	501 503 61	7	49,70
Seam sealer AQUASTONE Adriatic 1 litre	501 503 62	7	49,70
Seam sealer AQUASTONE Anthracite 1 litre	501 503 63	7	49,70
Seam sealer AQUASTONE Grey 1 litre	501 503 64	7	49,70
Seam sealer AQUASENSE Granit Blue 1 litre	501 503 50	7	49,70
Seam sealer AQUASENSE Granit Grey 1 litre	501 503 51	7	49,70
Seam sealer AQUASENSE Granit Sand 1 litre	501 503 52	7	49,70
Seam sealer AQUASENSE White Riviera 1 litre	501 503 53	7	49,70
Seam sealer AQUASENSE Golden Riviera 1 litre	501 503 54	7	49,70
Seam sealer AQUASENSE Black Slate, Brown Basalt, Fidji Vintage Grey 1 litre	501 503 55	7	49,70
Seam sealer AQUASENSE Golden Basalt, Granit Gold 1 litre	501 503 56	7	49,70
Seam sealer AQUASENSE Fidji Green 1 litre	501 503 57	7	49,70
Seam sealer AQUASENSE Fidji Brown Sand 1 litre	501 503 58	7	49,70



CGT Vlies

Item	Color	Dimension	Art. No.	GR	€ RRP w/o VAT
CGT Geotextile Vlies	white PP 400 gr	1,50 x 50 mtr.	501 503 21	7	473,85
CGT Geotextile Vlies	white PP 400 gr	2,00 x 50 mtr.	501 503 22	7	631,80

§ 1 General Information—Scope

- (1) These general terms and conditions exclusively apply to our quotations and conclusions of contract, to all services and incidental services as well as to their invoicing. We do not accept any deviating, contrary or additional conditions of the purchaser. Terms and conditions of the purchaser apply only insofar as we expressly agree to them in writing. Our terms and conditions also apply if we perform the delivery to the purchaser unconditionally while being aware of the purchaser's contradictory conditions or conditions which differ from our terms and conditions.
- (2) We sell our goods and other services exclusively to purchasers who are 18 years or older and are considered businesspeople as per Sect. 14 German Civil Code. Furthermore, these general terms and conditions exclusively apply to companies, legal entities under public law or special funds under public law in line with Sect. 310 Para. 1 German Civil Code.
- (3) Our contractual language is exclusively German.
- (4) Our general terms and conditions also apply to all future business with the purchaser.

§ 2 Quotation—Quotation Documents—Acceptance—Conclusion of Contract

- (1) Special agreements made in individual cases with the purchaser (including supplementary agreements, additions and changes) always take precedence over these terms and conditions. A written contract and/or our written confirmation is authoritative for the contents of such agreements.
- (2) Orders given verbally are also binding for the purchaser. An order confirmation on our part is generally only made if the purchaser expressly demands it.
- (3) If the order is to be qualified as a quotation according to Sect. 145 German Civil Code, we may accept it within two weeks.
- (4) The documents belonging to the quotation, such as illustrations, invoices and weight specifications, are, even if they are included in the quotation itself, only authoritative in a customary and reasonable scope, insofar as they are not expressly designated as being binding. If "approximately" is agreed, we have the right to deliver +/-5% within customary tolerances.
- (5) We reserve the right of ownership and copyrights to illustrations, drawings, calculations or other documents. The same applies to written documents classified as "confidential". The purchaser requires our express written consent prior to disclosing them to third parties.
- (6) Our quotations, in particular in brochures, advertisements, etc. are non-obligatory and non-binding also in terms of price specifications. A customised quotation is valid for 30 days.
- (7) Our employees are not authorised to conclude verbal arrangements or make verbal assurances going beyond the contents of the written contract.
- (8) Our product display in our online shop is no binding quotation to conclude a purchase contract. In fact, it is a non-binding request to order goods online in our web shop.
- (9) An online order in our online shop is an offer to us to conclude a purchase contract. If such an order is placed, the purchaser receives an e-mail confirming that we have received the order and listing the order details (order confirmation). This order confirmation is no acceptance of the offer; it only informs the purchaser about the fact that we have received the order. A purchase contract is only concluded when we send the ordered product to the purchaser and confirm the shipment to the purchaser with a second e-mail (shipment confirmation). No purchase contract is concluded for products from the same order, which are not listed in the shipment confirmation

§ 3 Pricing—Payment Terms

- (1) In case nothing else arises from the order confirmation, our prices are "ex works", plus packaging, which is charged separately.
- (2) The net prices, plus applicable value-added tax, stated in the applicable price list or order confirmation are authoritative. Additional deliveries or services are charged separately. There is no entitlement to receive goods at lower prices applicable previously or later. Insofar as we make an exception and consider price reductions, which occur prior to delivering the goods, for a current order, this is considered voluntary and no legal obligations arise from it. Unless the order confirmation specifies something else, invoices are payable within 14 weeks from invoice date. Early payment discount must be agreed separately.
- (3) Statutory regulations apply in case of delayed payments. The purchaser may offset claims only if their counter-claims have been legally determined, are undisputed or acknowledged on our part.
- (5) The purchaser is only allowed to exercise a right of retention if their counterclaim is based on the same contractual relationship.
- (6) We are entitled to offset payments first against the purchaser's older debts, despite contrary provisions of the purchaser. We inform the purchaser about the type of settlement applied. If costs and interest have already been incurred, we are entitled to offset the payment first against the costs, then against the interest and then against the main performance.
- (7) The payment method we accept is either by invoice by cash in advance, cash on delivery, credit card, PayPal, direct debit or cheque. If you choose cash in advance as your payment method, we indicate our bank details on the order confirmation. If you pay by credit card, the purchase price is booked to your credit card at the time of order (authorisation). Your credit card account is debited when we send you the goods. If you pay by direct debit, you may need to bear costs arising from chargeback of a payment transaction due to insufficient funds in your account or if you have submitted incorrect bank details. If you pay by cheque, payment is deemed made only when we can avail ourselves of the purchase price after cashing in the cheque.
- (8) Should the prices for our products change due to increased raw material, material and energy costs, we reserve the right to increase prices after prior notice.

§ 4 Delivery and Performance Period

- (1) Delivery dates or deadlines, which are agreed bindingly or non-bindingly, need to be made at least in text form.
- (2) The beginning of the delivery deadline specified by us presupposes that all relevant technical questions and conditions have been clarified. The agreed delivery period only begins after the purchaser has provided all the documents to be provided by them. Subsequent modifications or amendments by the purchaser extend the delivery period to the necessary extent.
- (3) Meeting our delivery obligation also presupposes that the purchaser has fulfilled their obligations in a timely and proper manner. We reserve the right to object to an unfulfilled contract.
- (4) If the purchaser is late in providing us with information required for executing the order and/or the delivery and/or the service, or if the purchaser misses or violates any other duties of cooperation, the delivery period is extended as per the loss of time incurred.
- (5) If the purchaser fails to accept delivery or otherwise culpably breaches other obligations to cooperate, we are entitled to claim compensation for any damage it incurs including any additional expenses. Claims extending above and beyond this remain reserved.
- (6) In case the requirements in Sect. 4 Para. (5) apply, the risk of an accidental loss or a random degradation of the purchased item is transferred to the purchaser when they are in default of acceptance or default of the debtor.
- (7) We assume liability as legally stipulated insofar as the underlying purchase contract is a fixed transaction as per Sect. 286 Para. 2 No. 4 German Civil Code or Sect. 376 German Commercial Code. We also assume liability as legally stipulated in case the purchaser, as a consequence of a delayed delivery caused by us, is entitled to claim that their interest in further fulfilment of the contract no longer exists.
- (8) We additionally assume liability as legally stipulated in case the delayed delivery is based on an intentional or grossly negligent contract violation caused by us; a fault of our representatives or vicarious agents is to be attributed to us. In case the delivery contract is not based on an intentional contract violation caused by us, our liability for compensation is limited to foreseeable, typically occurring damage.
- (9) We also assume liability as legally stipulated insofar as the delayed delivery we have caused is based on a culpable violation of an essential contractual duty, in that case, however, liability for compensation is limited to foreseeable, typically occurring damage.
- (10) Otherwise, we assume liability for each full week of delay in case of delayed delivery with a lump compensation for delay amounting to 3% of the delivery value, but no more than 5%–8% of the delivery value.
- (11) Further legal claims and rights of the purchaser remain reserved.
- (12) We are entitled to partial deliveries and partial performance at any time.

§ 5 Shipment, Transfer of Risk, Shipping Costs, Packaging Costs

- (1) Insofar as the order confirmation does not state anything to the contrary, delivery is agreed "ex works". Delivery is made at the purchaser's risk even if we perform the shipment ourselves.
- (2) Unless expressly agreed otherwise in writing, the purchaser bears the shipping and packaging costs. Insofar as nothing else is agreed, we are entitled to determine the type of shipment (in particular transport company, dispatch route, packaging) ourselves.
- (3) We do not take back any transport or other packaging as per the packaging directive; except pallets. The purchaser is obligated to ensure disposal of the packaging at their own expense.
- (4) In case the purchaser requests it, we take out a transport insurance for the delivery; the purchaser bears the costs incurred by it.
- (5) Delivered objects are, even if the show non-essential faults, to be accepted by the purchaser, notwithstanding their warranty rights.

§ 6 Liability for Faults / Warranty

- (1) Only our own information and the manufacturers' product descriptions are binding for the goods' composition. Public appraisals and statements as well as other advertisements is of no significance.
- (2) Statutory claims for faults on the part of the purchaser assume that they have correctly fulfilled their inspection and reproof obligations pursuant to Sect. 377 of the German Commercial Code.
- (3) Insofar as the purchased item has a fault, the purchaser may, following prior fault notification to us in writing, demand a choice of subsequent fulfilment by correction of faults, after written approval and assignment on our part, or delivery of a new fault-free item. In the case of correction of faults, we are obligated to bear all required expenses associated with the correction of faults, in particular transport, infrastructure, labour, and material costs, insofar as these are not increased by the fact that the purchased item has been relocated to somewhere other than the place of fulfilment. In case we allow the purchaser themselves and at our expense to perform subsequent fulfilment by correcting the faults, the purchaser must always, prior to assigning a third party, present to us their quotation and have it confirmed in writing.
- (4) In case subsequent fulfilment fails twice or more, the purchaser is entitled to demand a choice between annulment of the contract or reduced payment.
- (5) Subject to Sect. 7 (1), we assume liability as legally stipulated if the purchaser claims compensation for damages based on intent or gross negligence, including intent or gross negligence by our representatives or vicarious agents. Insofar as we are not accused of intentional contract violation, liability for faults is limited to foreseeable, typically occurring damage.
- (6) We assume liability as legally stipulated insofar as we culpably violate an essential contractual duty, in that case,

however, liability for compensation is limited to foreseeable, typically occurring damage.

- (7) Insofar as the purchaser is entitled to claim compensation for damages instead of performance, our liability also as part of Sect. 6 Para. (3) is limited to compensation for foreseeable, typically occurring damage.
- (8) Liability for culpable violation of life, body or health remains unaffected; this also applies to mandatory liability according to the product liability act.
- (9) Insofar as there are no divergent provisions in the above, liability is excluded.
- (10) The warranty period is one year from delivery of the goods. This limitation does not apply to claims based on damage from injury of life, body or health or from violating a substantial contractual duty that needs to be fulfilled to enable proper execution of the contract and the contractual partner regularly trusts and may trust the compliance with that duty (material contractual duty) as well as to claims based on other damage based on intentional or grossly negligent violations of duty of the user or their vicarious agents. The limitation period in case of a delivery recourse according to Sect. 478, 479 German Civil Code remains unaffected; it is five years from the time of delivery of the faulty good.
- (11) If (i) our installation, operation and maintenance instructions are not followed; (ii) products are modified; (iii) parts are replaced; (iv) supplies are used which fail to fulfil the original specifications; or (v) installation and operating errors occur, any liability for faults lapses as they are no product faults. The same applies to unprofessionally treated swimming pool water.
- (12) Liability for faults also lapses if the following limit values are exceeded or undercut: No. 1.4301 (V2A) max. disinfection content 1.0mg/L, chloride content up to 150mg/L, pH value 7.0–7.6; for stainless steel materials No. 1.4571 (V4A), Disinfection content: max. 1.3mg/L, chloride content up to 500mg/L, pH value 6.8–7.8 and material No. 1.4539, chloride content up to 4500mg/L, pH value 7.0–7.6. The same applies to wear parts.

§ 7 Aggregate Liability

- (1) Any liability for compensation above and beyond that intended in Sect. 6 is—without considering the legal nature of the asserted claim—always excluded. In terms of impermissible actions, non-essential contractual duties and incidental duties, we assume liability only for intent and gross negligence. This applies, in the course of habits and practices customary in trading, also for our vicarious agents and also if they were to be availed of directly. Limitation of liability does not apply to violations of life, body, health or mandatory liability according to the product liability act.
- (2) Insofar as liability for compensation towards us is excluded or limited, this also applies to the personal liability for compensation of our employees, workers, personnel, representatives and vicarious agents.

§ 8 Retention of Title

- (1) We reserve ownership of all deliveries and services until the purchaser has fulfilled all receivables including open accounts as well as of all incidental expenses such as interest and costs that have arisen or will arise from the business relationship. If the purchaser behaves contrary to the contract, in particular if they default on payment, we are entitled to withdraw the purchased item. A return of the purchased item by us is not a withdrawal from the contract, unless we assert this in writing. A seizure of the purchased item by us is always a withdrawal from the contract. After redeeming the purchased item, we are entitled to dispose of it and the earnings from this disposal must be offset against the purchaser's liabilities, minus reasonable costs for disposal.
- (2) The purchaser is obligated to treat the purchased item with care; in particular, to sufficiently insure it, at their own expense, to its replacement value against fire, water and theft damage. In case maintenance and service are required, the purchaser must perform them on time at their own expense.
- (3) If the goods are seized or third parties intervene in other forms, the purchaser must inform us in writing immediately so that we may institute legal proceedings in accordance with Sect. 771 German Code of Civil Procedure. Insofar as the third party is not in a position to reimburse us for the judicial and extrajudicial costs for legal proceedings in accordance with Sect. 771 German Code of Civil Procedure, the purchaser accepts liability for the loss we sustain.
- (4) The purchaser is entitled to resell the purchased item during the course of ordinary business; however, they already assign to us all receivables of our receivable in the amount of the invoice total (including VAT), which they accrue from reselling to their buyers or third parties, regardless of whether the purchased item was resold without or after processing. The purchaser may collect this demand even after the assignment. Our authority to collect the receivable ourselves remains unaffected. However, we undertake not to collect receivables while the purchaser (i) meets their payment obligations from the collected profits; (ii) does not fail to pay in due time; and in particular (iii) has not applied to file for bankruptcy, settlement or insolvency proceedings; or (iv) has ceased to pay. If this is the case, however, we may demand that the purchaser states the assigned receivables and their debtors, provides all required information for collection, hands over the associated documents and informs the debtors (third parties) about the assignment.
- (5) Processing or reshaping the purchased item by the purchaser is always carried out on our behalf. If the purchased item is processed with other objects not belonging to us, we acquire co-ownership of the new goods in the ratio of the value of the purchased item (invoice total including VAT) to the other processed objects at the time of processing. Incidentally, the same applies to the goods created by processing as for the purchased item supplied under reservation.
- (6) If the purchased item is mixed irrevocably with other objects not belonging to us, we acquire co-ownership of the new goods in the ratio of the value of the purchased item (invoice total including VAT) to the other mixed objects at the time of mixing. If the mixing is performed in such a way that the purchaser's goods are deemed the main item, it is agreed that the purchaser transfers co-ownership to us on a pro rata basis. The purchaser keeps this created sole ownership or co-ownership in custody for us.
- (7) The purchaser also assigns to us those receivables for safeguarding our receivables against them, which arise towards third parties from connecting the purchased item with a piece of land.
- (8) We undertake to release the securities to which we are entitled upon the purchaser's demand to the appropriate extent if the realisable value of our securities exceeds the demands to be secured by more than 10%; we have the right to choose the securities to be released.

§ 9 Using Deliveries and Services

- (1) The purchaser is to collect detailed information and to ensure prior to purchasing the delivery and/or service whether it is usable for them.
- (2) In case the purchaser uses goods purchased from us to install them in equipment and/or buildings of any kind, they should obtain a written release certificate from us beforehand.

§ 10 Design Changes

- (1) We reserve the right to make design changes at any time at our equitable discretion; we are, however, not obligated to also perform such changes on already delivered products.

§ 11 Offsetting—Right of Retention

- (1) You are entitled to offset only if your counter-claim is judicially binding or has not been contested or has been recognised or has a close synallagmatic relationship with our receivable.
- (2) You may only exercise a right of retention if your counter-claim is based on the same contractual relationship.

§ 12 Data Protection

- (1) Information we receive as part of an order or a quotation, we use to process orders, deliver goods and handle payments. We also use this information to communicate with the purchaser about orders and products, to update data records as well as to keep and maintain customer accounts. For more information, please see the privacy statement on our website <http://www.behncke.com/datenschutz/erklaerung/>.

§ 13 Legal Venue—Place of Performance

- (1) Should one or more provisions of these T&Cs be or become ineffective, the remaining provisions are not affected.
- (2) Insofar as the purchaser is a merchant, our business location is the legal venue; however, we have the right to take legal action against the purchaser at their place of business.
- (3) The right of the Federal Republic of Germany exclusively applies; the UN law on the sale of goods (CISG) is excluded.
- (4) Insofar as the order confirmation does not state anything to the contrary, our business location is the place of performance.



Export Pricelist 2025

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