



BINDER

HydroStar[®]
Die Turbinenschwimmanlage

Simply **MORE**
for your pool.

HYDROSTAR –
As individual as your pool.



Get the
most out of
your pool.



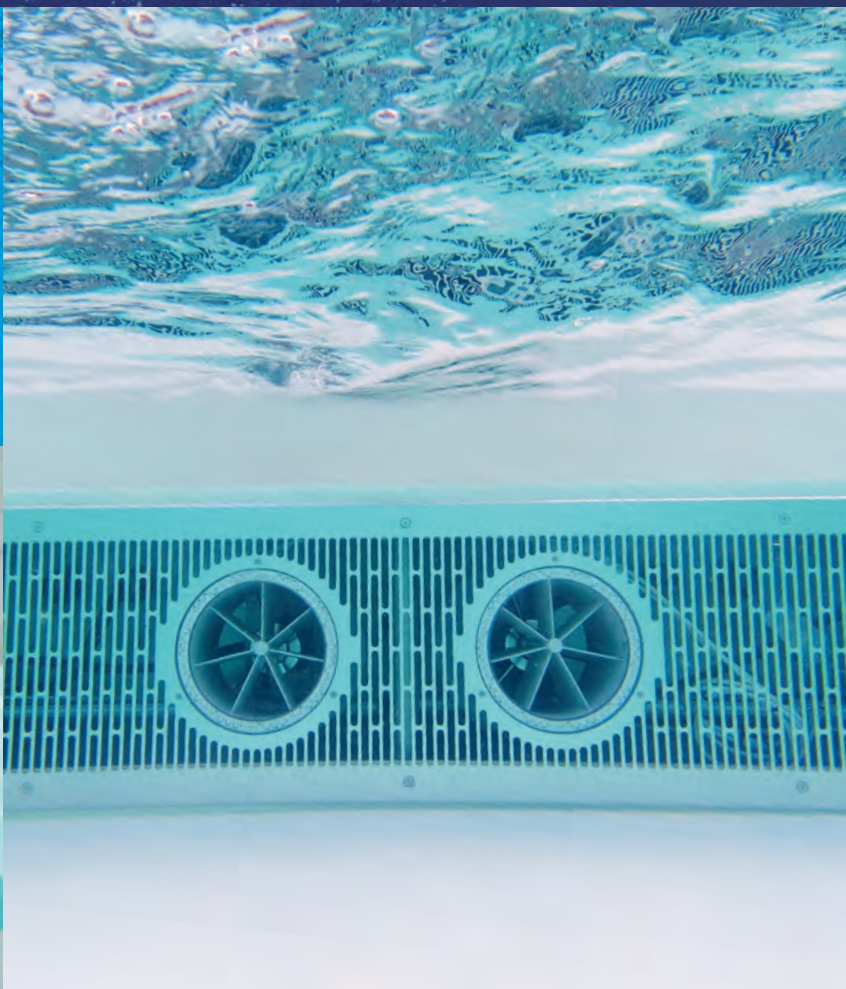
Fun for the whole family

With the **BINDER24** training app you can not only create your own personal training plans, but much more. Get the app now for even more personalised operation of your HydroStar.



BINDER24-App

You can now control your HydroStar via an app



Turbo swimming fun ...

Swimming with HydroStar is an experience for the whole family. Whether a competition or water fight, everyone gets their money's worth. After all, you're never too old to play around, are you?

... or pure relaxation?

Stressful day? Head fit to burst? HydroStar takes your mind elsewhere. Work out while the current carries you — it's wellness for the soul.



Time to relax

One **COUNTERFLOW UNIT**, numerous benefits ...



optimal swim train



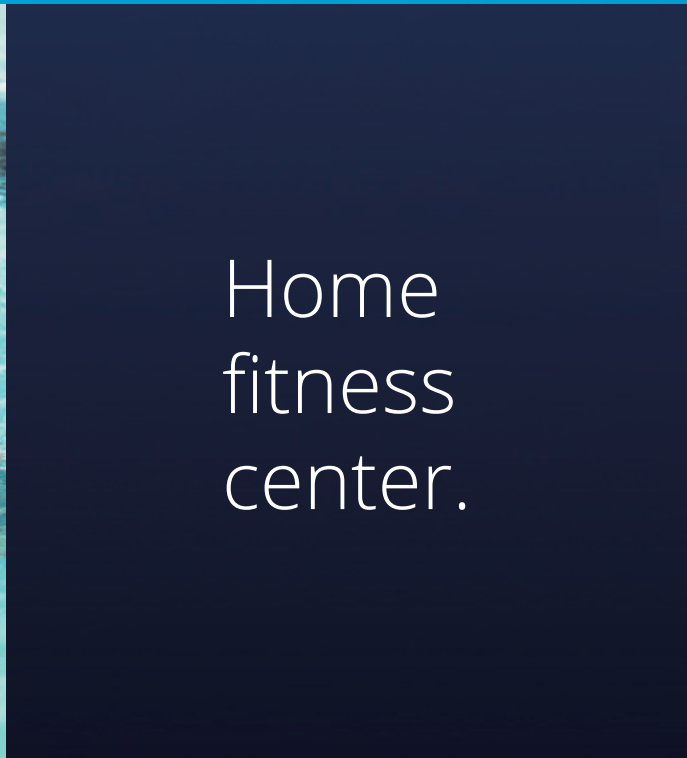
no splashing water

First class training.

The HydroStar counterflow system lets you expand the options for using your pool in an instant. Whether you're setting new course records in continuous swimming, engaging in targeted preventative health training or exercise therapy, HydroStar makes all of this possible. The strength of the current can be precisely adjusted to your own training level via piezo button and via the BINDER24 app. The app also gives you the option to create training programmes or control the optional colour LED lighting for the turbine shaft.



Playful learning is twice as much fun. The HydroStar is perfect for getting children used to the water.



Home fitness center.

Optimal training



energy efficient operation



natural counter flow



easy to retrofit



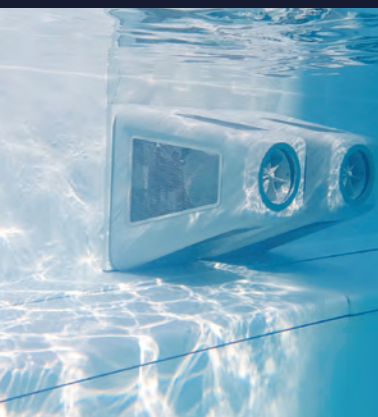
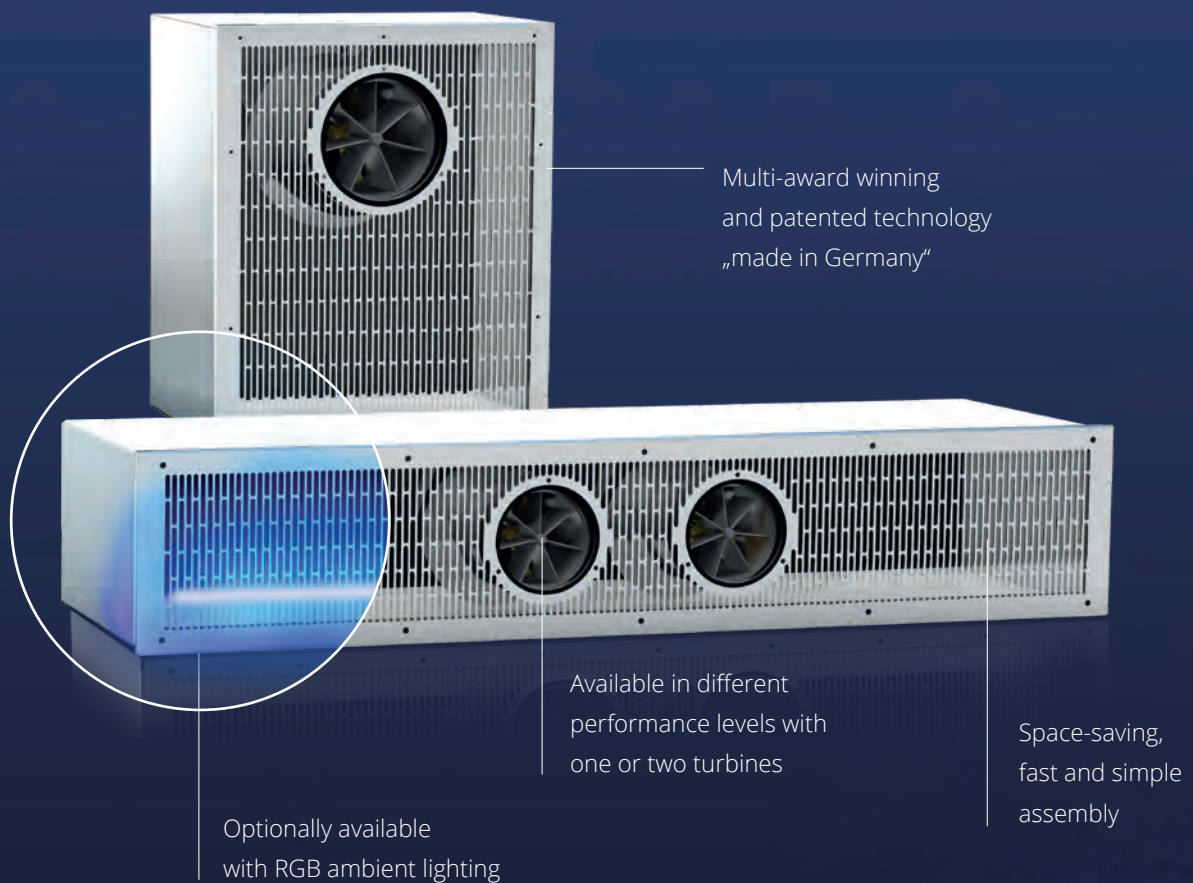
low noise & vibration



maintenance-free turbine

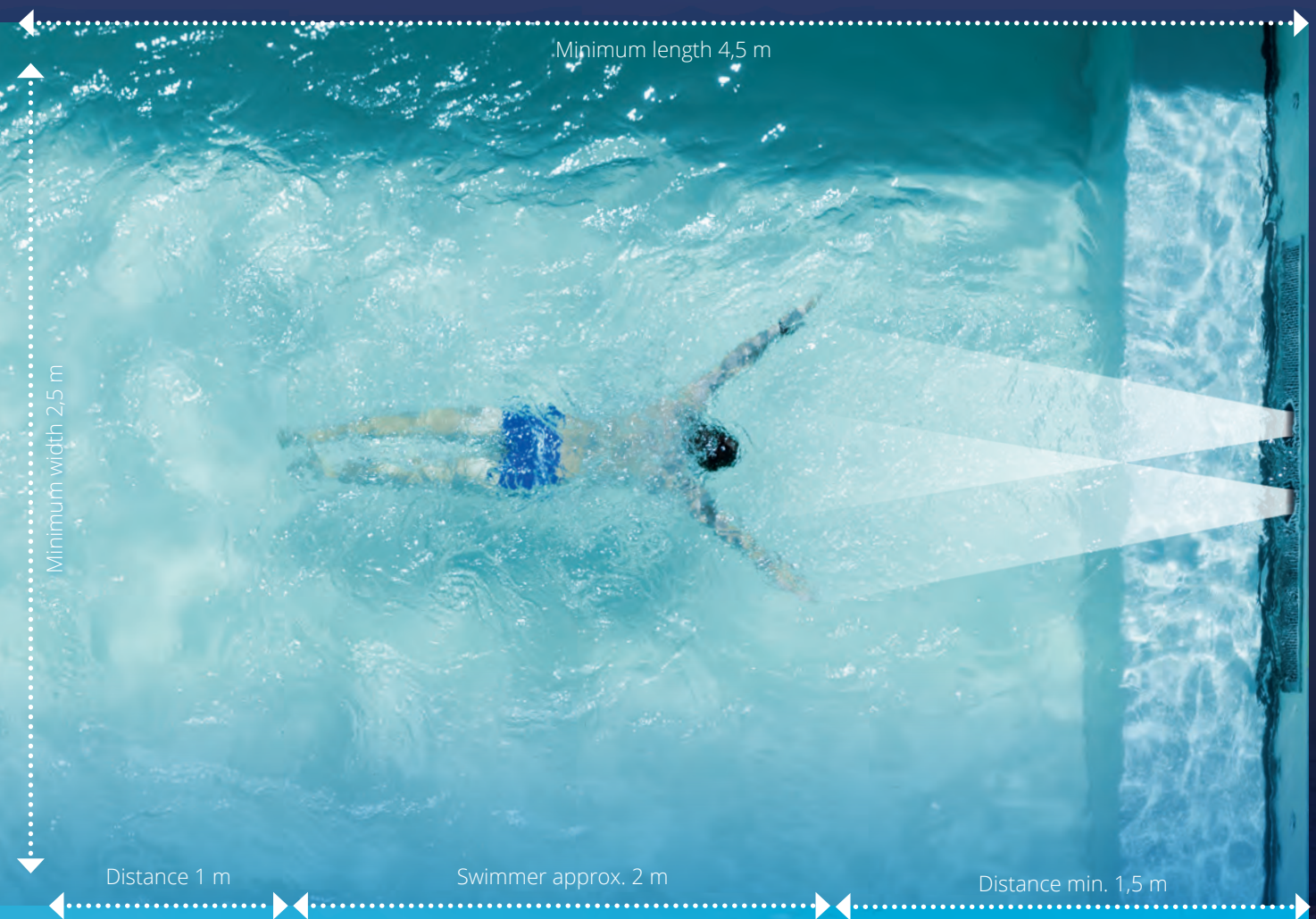
Feel like you're swimming in nature.

HydroStar from BINDER now makes this happen. The unique, turbine-driven counter-current system is suitable for any type of pool, bringing the feeling of swimming in nature into your home. Individually adjustable current — to meet all demands. For young and old.



Can be retrofitted at any time — easier than ever before with EasyStar.

To upgrade existing pools without any major outlay, BINDER has developed the modern design of the EasyStar retrofit system. This compact counterflow unit offers the full benefit and all the functions of an in-built HydroStar system. With its modern, dynamic design it fits perfectly into any setting.



The unique swimming sensation

The current makes the difference.

Our patented counterflow units HydroStar and EasyStar are available with one or two turbines. The difference lies both in the strength and the type of current: one system with two turbines generates a wider volume flow than a system with just one turbine. Consequently, the current generated by two turbines offers a little more guidance than the current generated with a single turbine. However, there is no difference in buoyancy:

the current always keeps the swimmer in perfect balance. High-performance system versions can also be used by less advanced swimmers without a problem: this is because the intensity of the current is fully adjustable.

The above graphic shows the necessary minimum pool size for installing a HydroStar. Please note: For the EasyStar retrofit system the minimum length measurement increases by 0.5 m.

A natural
CURRENT ...



Localised pressure created by conventional counterflow systems



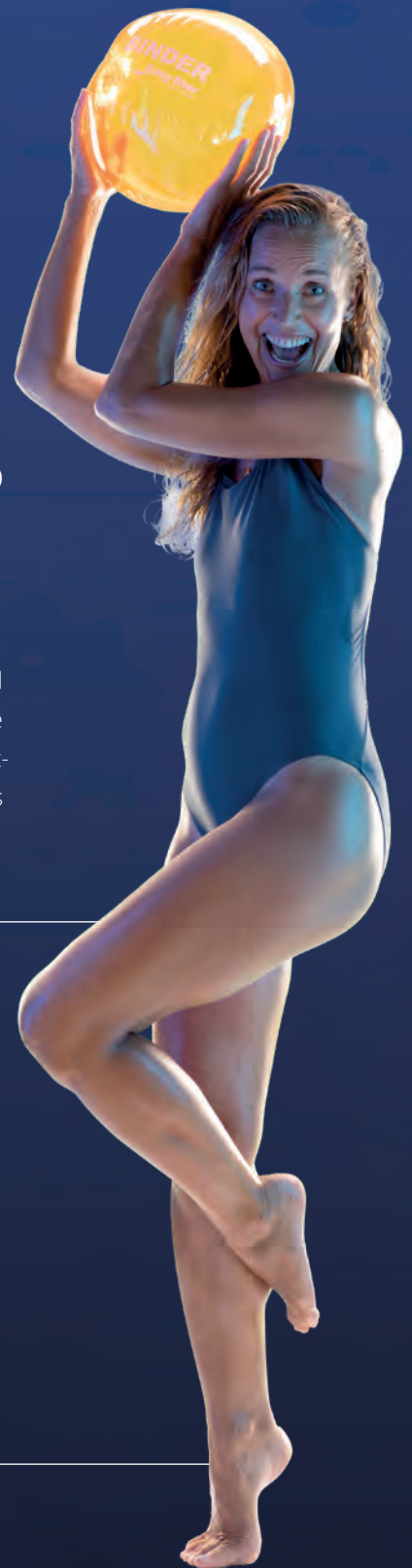
Broad and even surface current and undercurrent thanks to BINDER's patented turbine technology.

The turbine driven counter-flow system HydroStar — one for everyone!

No matter whether you're into recreational sport, a top swimmer or a wellness fan — HydroStar from BINDER makes sure everyone gets their money's worth.

This is made possible by the unique, patented turbine technology: Its broad, powerful current generates the swimming sensation of being in a river. The strength of the volume flow is very easy to regulate and adapt to individual needs. Installation is also very straightforward: HydroStar is quickly installed by the specialist dealer, and requires considerably less space than pump-driven counter-current systems.

- No inspection shaft and no pipework required
- No high-voltage connection required
- Maintenance-free brushless DC motor
- Maintenance-free friction bearings
- Motor control unit with power and temperature monitoring
- Maintenance-free operation
- All components made of V4A or high-grade plastic
- Operated by remote control, optionally via piezo button or app
- Winterproof thanks to its robustness and frost resistance
- Three-year guarantee



Find out for yourself!

Would you like to experience the benefits of HydroStar for yourself? Visit www.binder24.com/en/trial-swimming/ to arrange a free test swim. In-depth advice is available from your authorised HydroStar specialist dealer.



Type	BGA 160	BGA 215	BGA 275	BGA 320	BGA 430	BGA 550	BGA 600	BGA 1200
Supply voltage [V]	230	230	230	230	230	230	230	230
Rated current [A]	6	8	8	12	16	16	16	32
Rated power [W]	1350	1500	1700	2700	3000	3400	3400	6800
Motor type (BLDC)	1 piece	1 piece	1 piece	2 pieces	2 pieces	2 pieces	1 piece	2 pieces
Rated voltage [V]	24	24	24	24	24	24	24	24
Flow capacity [m³/h]	50 – 160	65 – 215	80 – 275	100 – 320	130 – 430	160 – 550	160 – 600	160 – 1200
Speed [m/s]	1,0 – 2,5	1,0 – 3,2	1,0 – 3,2	1,0 – 2,5	1,0 – 3,2	1,0 – 3,2	1,0 – 3,2	1,0 – 3,2
Imersion depth [m]	0,2 – 1,0	0,2 – 1,0	0,2 – 1,0	0,2 – 1,0	0,2 – 1,0	0,2 – 1,0	0,2 – 1,0	0,2 – 1,0

For our turbine driven counterflow system HydroStar you do not require a high-voltage connection!

BINDER

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Your contract partner

