

A man and a woman are shown from the chest up, sitting in a hot tub. They are both smiling and looking at each other. The man is on the left, shirtless, with a watch on his left wrist. The woman is on the right, wearing a dark tank top. The background is a dark, solid color.

# BINDER

**HydroStar**<sup>®</sup>  
Die Turbinenschwimmanlage

Simply **MORE**  
for your pool.

A close-up shot of a square metal grate on a hot tub wall. A circular turbine jet is embedded in the grate, and a stream of water is being pumped out, creating a spray of bubbles and foam.

**HYDROSTAR** –  
As individual as your pool.

# 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.

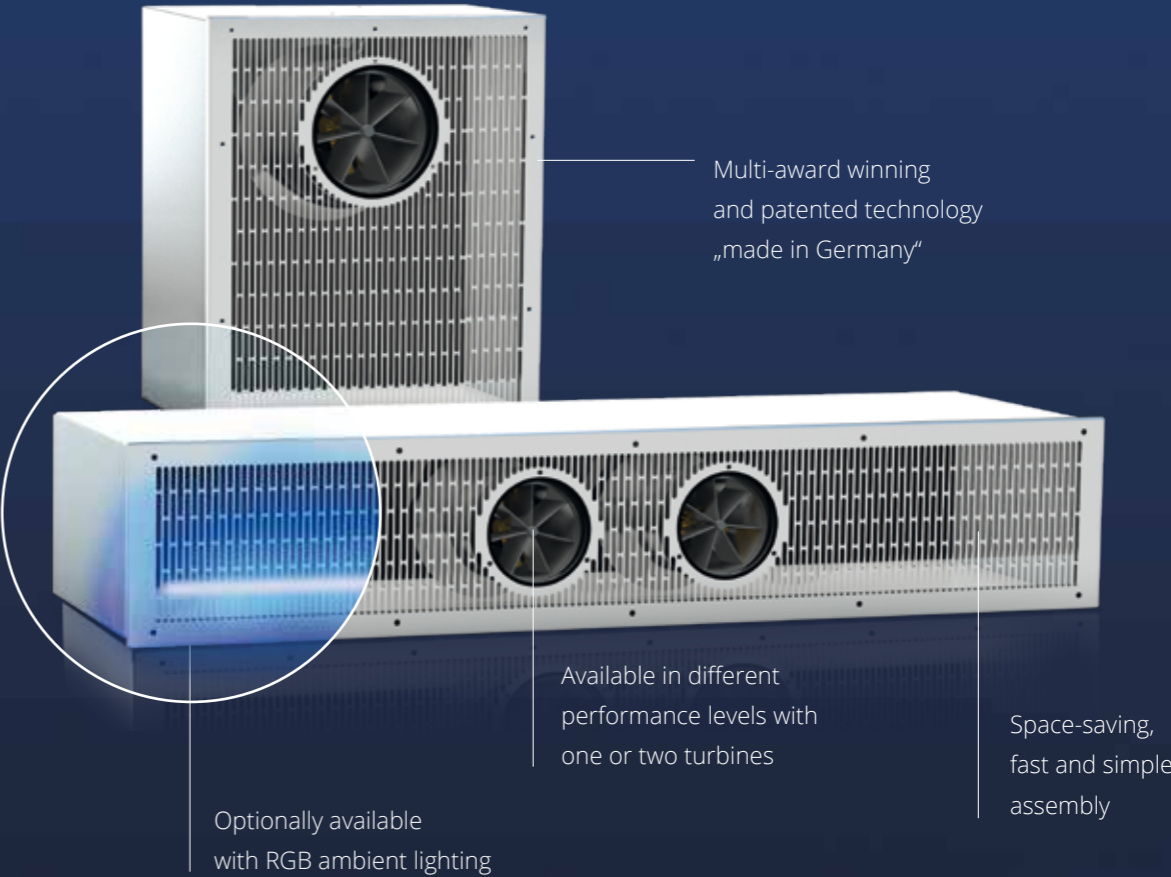
This is made possible by the unique, patented turbine technology: Its broad, powerful current generates the swimming sensation of being in a river. The strength of the volume flow is very easy to regulate and adapt to individual needs. Installation is also very straightforward: HydroStar is quickly installed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



# 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.

- 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



## 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.



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.



Get the most out of your pool.



*Fun for the whole family*

### 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*

A natural **CURRENT** ...



*Localised pressure created by conventional counterflow systems*



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

## 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.

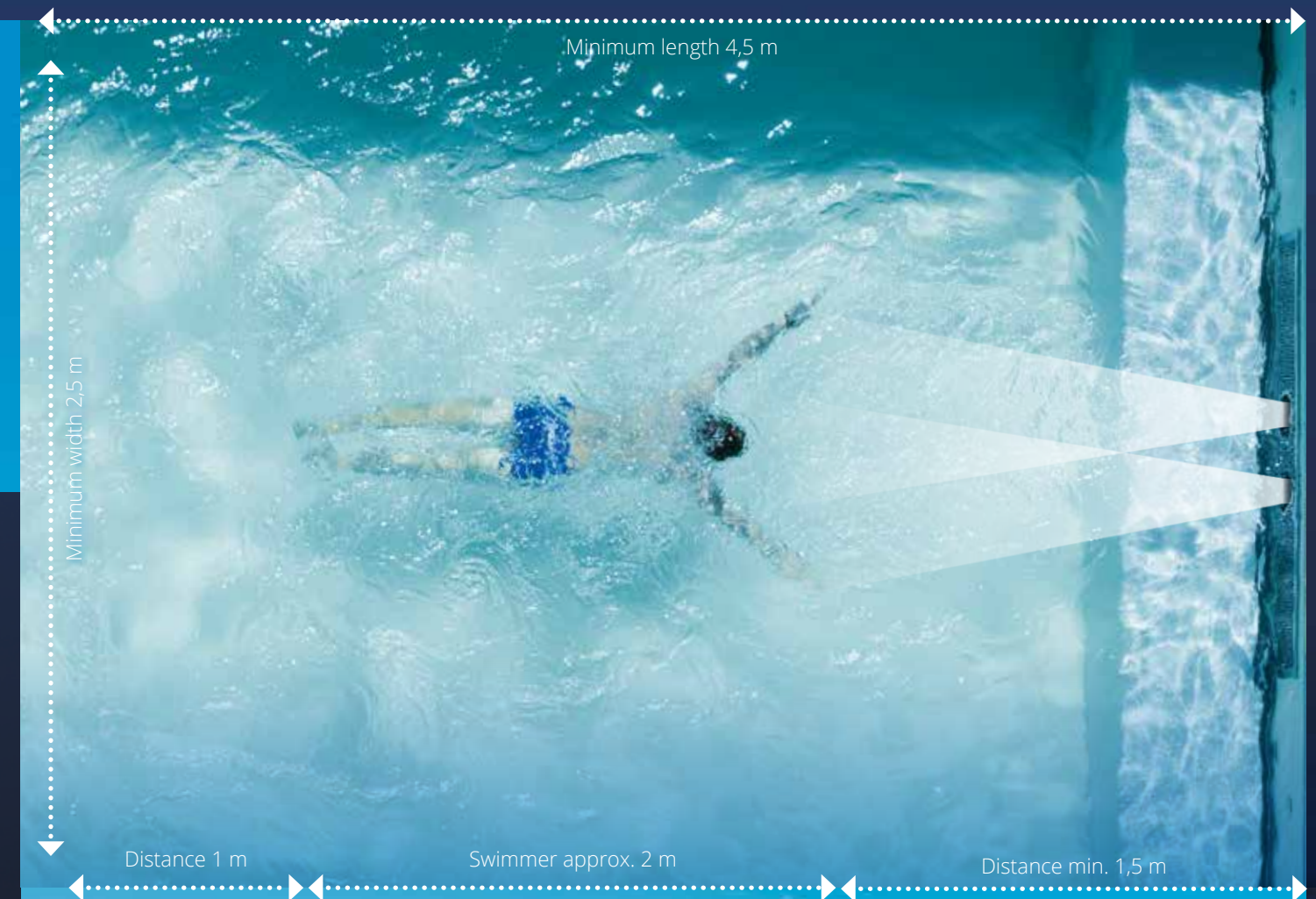


## Home fitness center.

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



*Optimal training*



## 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.*

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



optimal swim train



no splashing water



energy efficient operation



natural counter flow



easy to retrofit



low noise & vibration

# Find out for yourself!

Would you like to experience the benefits of HydroStar for yourself? Visit [www.binder24.com/en/trial-swimming/](http://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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