

EVA

EVAstream



Introducing the EVAstream

The ultimate pool transformation experience.

Turn any ordinary swimming pool into a state-of-the-art training facility, a personal fitness haven, and a captivating aquatic attraction. Now, you can enjoy the benefits of swimming in a standard 25-meter pool, right in the comfort of your own backyard.

The EVAstream is a swimming machine designed to revolutionize your pool experience. Regardless of its size, this device can convert your pool into a fully-equipped swim center. Its power, stability, and energy efficiency set it apart. Even the most competitive swimmers can now engage in demanding swim workouts, right in their private pool. Enhance swimming techniques, improve physical fitness, and boost endurance.

But the appeal of the EVAstream extends beyond experienced swimmers. With its tranquil, steady, and adjustable current, this machine caters to the entire family. Whether you prefer leisurely laps, invigorating workouts, aqua-jogging sessions, or even physical therapy routines, this versatile device has you covered. And for the kids? They'll have a blast with the easily created rapid or underwater volcano, providing endless excitement for the whole family.

Discover the joy of the EVAstream - a blend of fitness, fun, and relaxation for everyone.

"The EVAstream offers the perfect combination of efficient flow rate and fast current speed. This results in a superior swimming experience."

Unleash the Power, Embrace the Space!

Experience the power and reach of the EVAstream, thanks to its groundbreaking technology. The flow generated by this innovative device surges through the pool, extending its effective swim zone and creating an unparalleled swimming sensation. Swim at a greater distance from the machine, granting you ample space to move freely. Say goodbye to the constraints of pool walls and revel in the natural swim experience that the EVAstream offers, right in the seclusion of your own private pool.

A hallmark of the EVAstream lies in its intelligent water flow direction. Unlike traditional systems, the flow is directed towards the swimmer's torso, not their head. This design ensures uninterrupted breathing space, free from bothersome water splashing, even when swimming at high speeds.

"The EVAstream presents the perfect synergy of an efficient water flow and rapid current speed, culminating in an unmatched swimming experience."





EVAstream

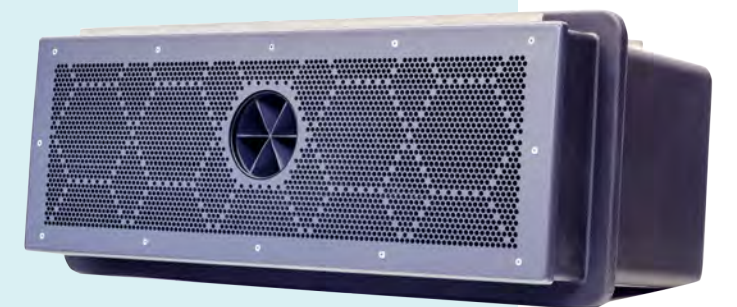
Transform your home pool into a competitive swim center

The trend of investing in home fitness has expanded beyond treadmills and elliptical trainers in recent years, with swimming machines gaining massive popularity. One notable innovation in this field is the EVAstream, introduced by Dutch swimming pool innovator EVA Optic. This remarkable device has the power to turn any swimming pool into a competition-grade facility.

By incorporating a swimming machine, you can effortlessly enhance your swimming experience at home, and the EVAstream stands out as a top choice. Developed entirely in-house by EVA Optic, this specialized swimming machine benefits from the expertise of dedicated swimmers working at the Dutch company. The developers also maintain close connections with professional competitive swimmers and coaches, ensuring that the EVAstream meets the highest demands.

Turbine-driven

Unlike many other swimming machines that rely on jet streams, the EVAstream utilizes turbine-driven technology. This natural motion of the water not only creates a serene and pleasant swimming environment but also minimizes disruptive splashes and waves. Meanwhile, the power output can be adjusted to accommodate different needs. Additionally, the EVAstream boasts a compact design, making it easy to install or incorporate into existing pools. It is available in various models to cater to both recreational swimmers and seasoned competitors.



EVAstream

In combination with EVA LED underwater lighting

Various workout options are another advantage offered by the EVAstream. Each machine comes equipped with a range of pre-programmed training sessions, featuring intervals, sprints, and endurance elements. These workouts progressively increase in duration and intensity but can be customized for individual users.

Furthermore, the roots of EVA Optic in LED lighting for swimming pools have influenced the product's unique integration with special swimming pool LED lighting. When using a swimming machine, swimmers are confined to a fixed position in the pool, which can make orientation challenging. Determining the distance covered or estimating the remaining workout can be trying. To address this, the EVAstream is teamed up with EVA underwater lighting that changes colors during the workout. The lighting provides clear indications of the swimmer's progress, eliminating the need to constantly glance at a clock. The gradual transition of light colors serves as a visual guide within the exercise and serves as a motivational tool. For instance, if the lights turn blue, it signifies that the finish line is within reach.



Embrace the Health Benefits of Swimming

Swimming is undeniably a fantastic way to maintain good health. Engaging in regular EVAstream swim sessions provides a comprehensive workout, targeting and strengthening all muscle groups throughout your body. A truly holistic exercise experience, without the risk of injury.

Moreover, the benefits of swimming extend beyond the physical realm. The serenity of the water, the rhythmic movements of swimming, accompanied by the harmonious play of synchronized multicolored EVA underwater lighting, envelop you in a profound sense of tranquility. Swimming in the EVAstream becomes an almost meditative practice—a harmonious blend of relaxation and exertion.

Diving into the EVAstream not only benefits your cardiovascular system and enhances lung capacity, but it also fosters muscle strength and endurance. It serves as a stress-reliever, promoting better sleep and increased energy levels. That is precisely why an EVAstream is considered an essential component of every swimming pool, delivering an all-encompassing wellness experience.

Discover the transformative power of swimming, as you indulge in the EVAstream—a sanctuary for your body, mind, and soul.





“The EVAstream presents the perfect synergy of an efficient water flow and rapid current speed, culminating in an unmatched swimming experience.”

The EVAstream FIT has become a top choice among recreational swimmers, catering to their diverse needs. Whether it’s maintaining fitness levels, engaging in invigorating aqua jogging sessions, or undergoing rehabilitation, this model delivers exceptional performance. It is designed to meet the specific requirements of those seeking a well-rounded aquatic experience.

For experienced swimmers and athletes who crave an extra surge of power, the EVAstream PRO stands as the ultimate choice. Its robust current provides a formidable challenge, enabling users to push their limits and enhance their swimming prowess. With the EVAstream PRO, excellence in training is within reach.

If you desire the epitome of the swimming experience, look no further than the EVAstream MAX. This exceptional model not only boasts unmatched power, but its double turbine design also offers an expansive swimming zone. Embrace the freedom to explore and revel in the sheer breadth of possibilities that the EVAstream MAX offers.

From the fitness-focused FIT to the high-performance PRO and the excellence of the MAX, the EVAstream lineup ensures that every swimmer finds their perfect match.

Uncompromising quality and unparalleled safety

At EVA Optic, we hold ourselves to the highest standards when it comes to product quality. We understand that our customers seek years of worry-free enjoyment, and we are committed to delivering just that. Through an intensive and meticulous product development process spanning over three years, we have crafted the EVAstream to surpass all expectations.

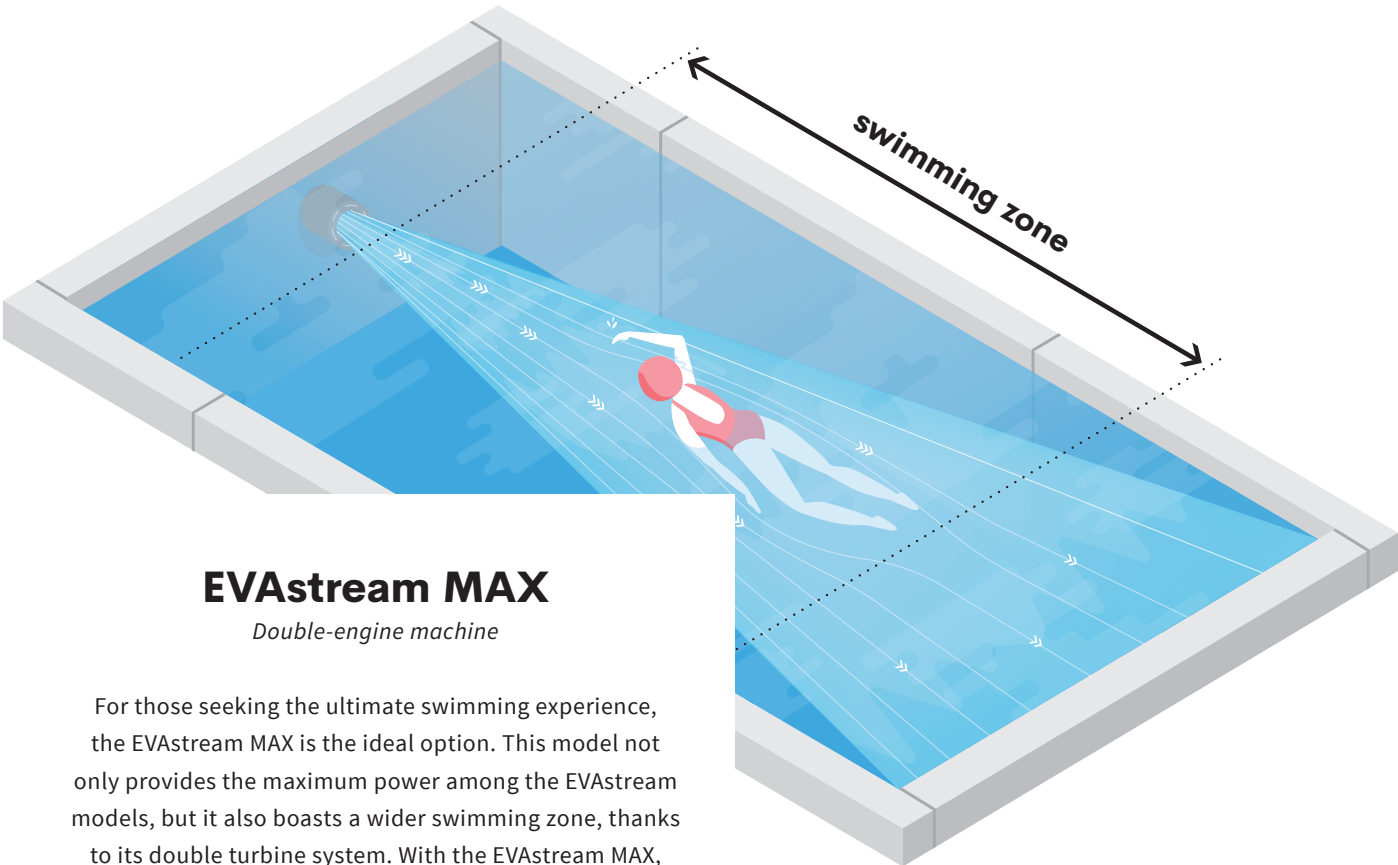
Our machine embodies perfection, having undergone extensive engineering and rigorous testing. Rest assured, the EVAstream complies with the stringent international safety requirements for electrical safety, entrapment hazards, and hair safety. It meets the standards set for both residential swimming pools (EN 16582-1) and public swimming pools (EN 13451-1).

Introducing the EVAstream

Into your own swimming pool

The EVAstream is a counter-current swimming machine designed to cater to both large and small swimming pools. Whether you have a new construction or an existing pool, the EVAstream is a versatile option. It can be easily retrofitted into any swimming pool, making it accessible to a wide range of pool owners.

There are three models of the EVAstream available, each offering unique features and benefits. Both the surface mounted version and the recessed mounted version, which is installed in a niche within the pool wall, are available for all three models.

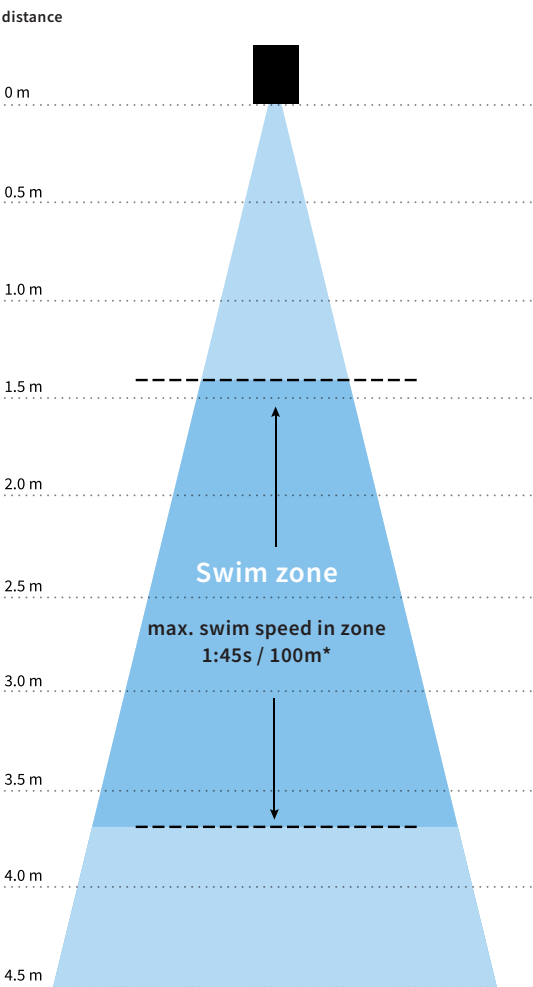


EVAstream FIT

Single-engine machine

The EVAstream FIT is specifically favored by recreational swimmers who seek to maintain their fitness levels, engage in aqua jogging, or utilize it for rehabilitation purposes. It provides a well-rounded experience for individuals looking for a reliable and versatile swimming machine.

Flow rate capacity: 225 m3/h
Max. water speed at outlet: 5.5 m/s
Max. swim speed in zone: 1:45s / 100m

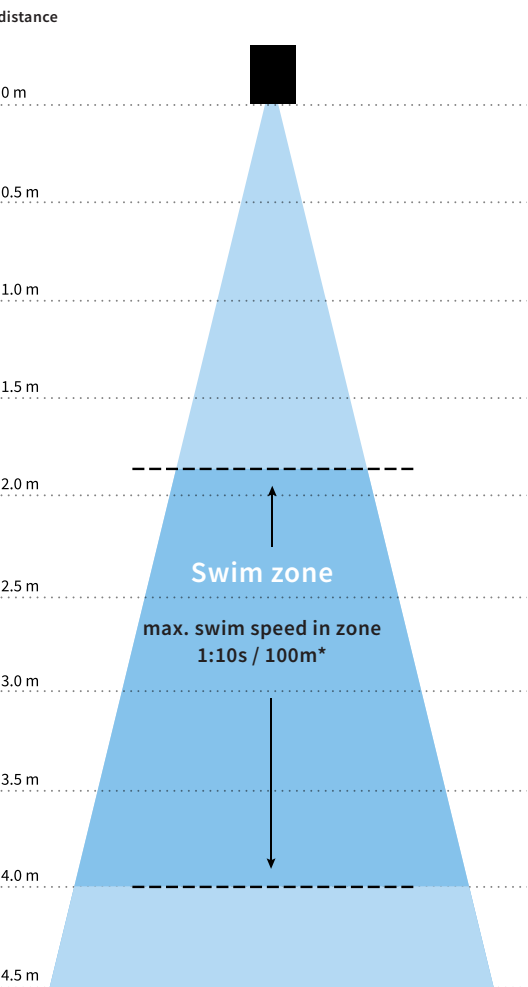


EVAstream PRO

Single-engine machine

For experienced swimmers and athletes, the EVAstream PRO is the preferred choice due to its exceptional power and intensity. It offers an extra powerful current, enabling users to enhance their swimming skills and training regime.

Flow rate capacity: 350 m3/h
Max. water speed at outlet: 8.5 m/s
Max. swim speed in zone: 1:10s / 100m



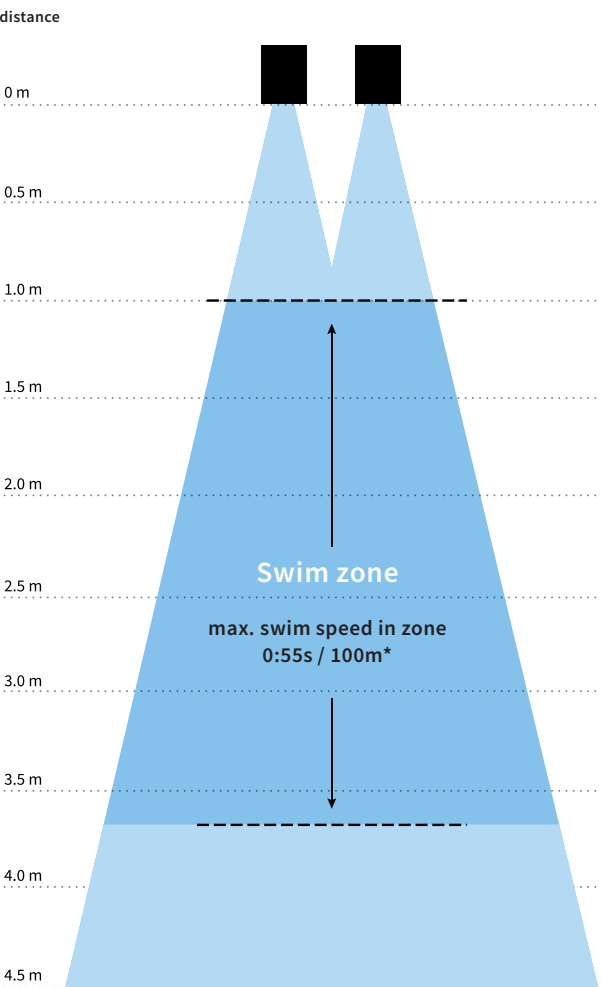
*Measurements adult professional swimmer. Body size and mass affect swim speed

EVAstream MAX

Double-engine machine

For those seeking the ultimate swimming experience, the EVAstream MAX is the ideal option. This model not only provides the maximum power among the EVAstream models, but it also boasts a wider swimming zone, thanks to its double turbine system. With the EVAstream MAX, users can enjoy an unparalleled swimming experience.

Flow rate capacity: 2x 225 m3/h
Max. water speed at outlet: 2x 5.5 m/s
Max. swim speed in zone: 0:55s / 100m



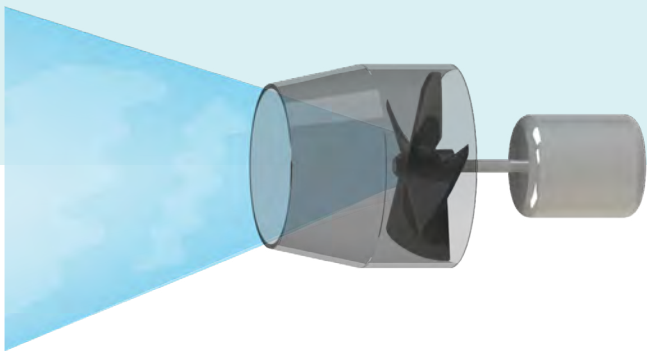
EVAstream

What sets the EVAstream apart?

1 Unique waterflow

The EVAstream distinguishes itself with its specially designed patented turbine that features a narrowing at the outflow, deviating from the conventional straight turbines. Despite this seemingly minor alteration, it yields significant results in water speed. The EVAstream swimming machine propels an impressive **225 cubic meters of water per hour**, resulting in a water speed of **5.5 meters per second**. In comparison, a countercurrent swimming machine with a straight turbine moves the same volume of water per hour but achieves a water speed of only **3.5 meters per second**. Whichever EVAstream model you choose, you can always expect optimal water speed that is at least 50% higher than any other countercurrent swimming machine.

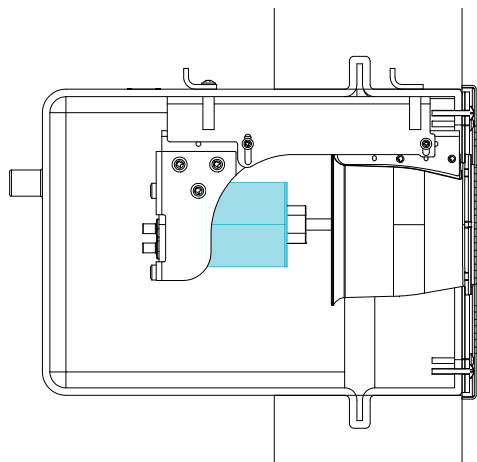
"The EVAstream produces a water speed of 5.5 meters per second."



2 Closed motor design

While it is common in the swimming pool industry to employ open motor designs, the EVAstream deliberately adopts a hermetically sealed motor design with a high-quality shaft seal capable of withstanding a maximum pressure of 10 bar. The use of friction-free ball-roller bearings within a liquid-filled, pressure-resistant sealed motor housing ensures an optimally controlled environment. This innovative motor design has received an official patent. The advantages of the EVAstream motor over an open motor design based on plain bearing technology include:

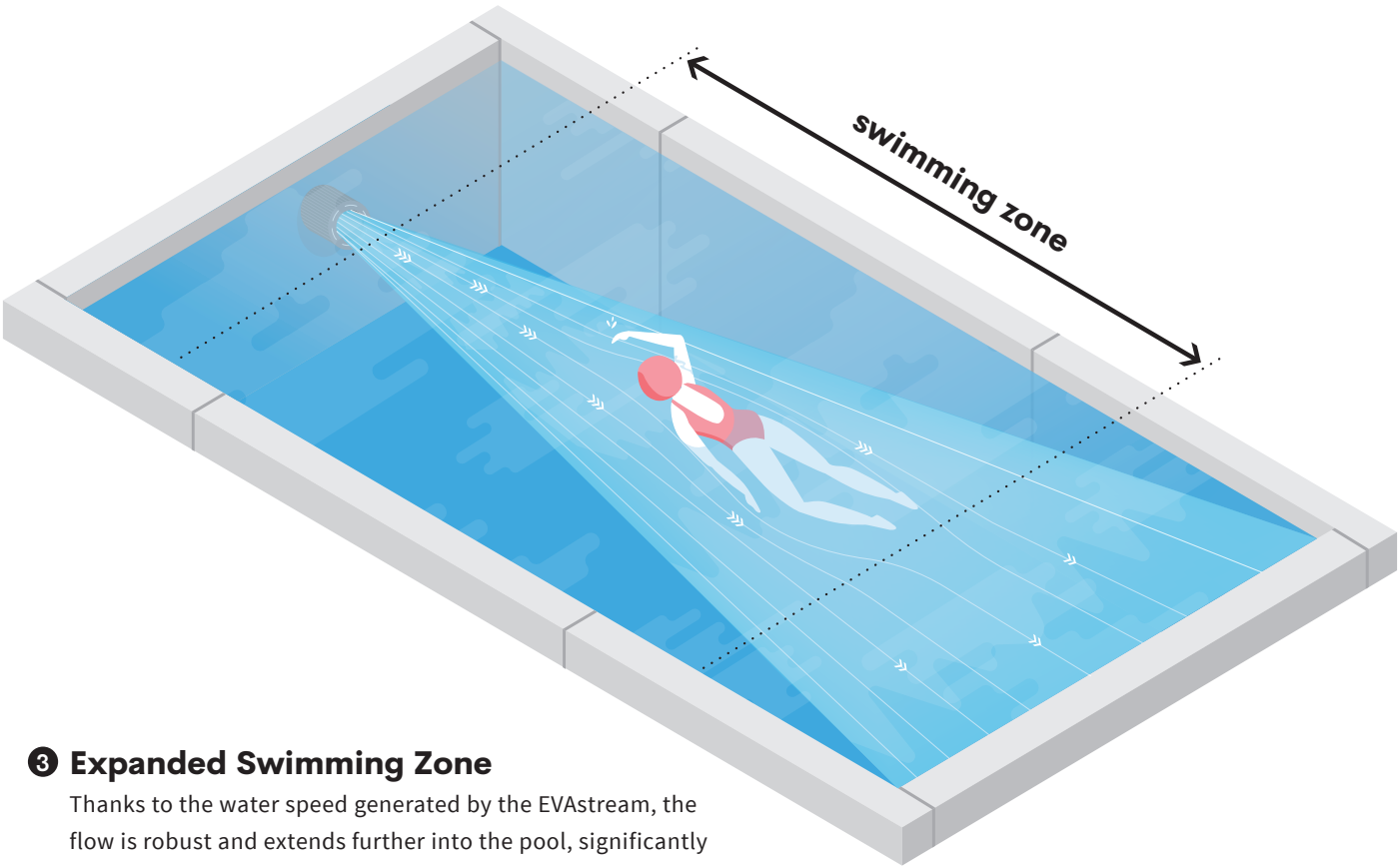
- Wear-free operation, eliminating the need for maintenance
- High efficiency
- Long service life
- Noise-free operation without vibrations during swimming



hermetically sealed motor design

3 Expanded Swimming Zone

Thanks to the water speed generated by the EVAstream, the flow is robust and extends further into the pool, significantly expanding the effective swim zone for an exceptional swimming experience. By allowing users to swim at a greater distance from the machine, more space is available for unrestricted swimming. Additionally, the EVAstream is engineered with a smart water flow direction that is aimed at the swimmer's torso rather than their head. This design ensures a pleasant swimming experience with ample breathing space and no bothersome splashing in the face.



4 Food grade fluid

The EVAstream employs a safe and pharmaceutically pure fluid in its engine. This fluid is certified by NSF H1 and US-FDA, meeting the stringent requirements of the food industry as a food-grade liquid. It guarantees safety for both individuals and the environment. Moreover, the fluid possesses several properties that enhance the engine's lifespan, including:

- Excellent lubricating effect
- Thermally conductive
- Electrically insulating
- Corrosion-resistant
- Maintenance-free
- Freeze-free down to -15°C

Overall, the EVAstream not only excels in waterflow, motor design, and swimming experience, but also ensures the use of a high-quality and environmentally safe fluid to maximize machine performance and longevity.



EVAstream

Recessed mounting

The EVAstream models offer the flexibility of being available in both recessed mounted and surface mounted versions to suit your needs. The recessed mounted version is specifically designed to be installed within a niche in the pool wall, while the surface mounted version is a convenient plug-and-play option that can be easily attached to the pool wall using strong suction cups.

If you opt for the recessed mounted version, you have the freedom to select an installation niche that perfectly matches the dimensions of your swimming pool. Once the niche is chosen, you can then select the desired strength of the turbine from the FIT, PRO, or MAX options. To complete the EVAstream setup, you can customize it with a front plate of your choice, adding a personal touch to the design in your pool.

1 EVAstream installation niche



Eva Stream installation niche
PP
For all pools - material PP



Eva Stream installation niche
POLY
Niche with 3 degrees angle for
Monoblock pools with a draft
angle - material PP

2 EVAstream turbine



Eva Stream FIT
225 m3/h



Eva Stream PRO
350 m3/h



Eva Stream MAX
450 m3/h

3 EVAstream front plate



Front plate
Stainless Steel



Front plate
Anthracite



Front plate
White



Front plate
Silver Grey

EVAstream

Surface mounting

The EVAstream also offers a surface-mounted version that provides flexibility in installation. This version can be easily attached to the pool wall using strong suction cups, allowing for convenient and adjustable placement. Alternatively, if desired, you have the option for fixed mounting of the surface-mounted version using various brackets or on a recessed niche for added stability.

When selecting the surface-mounted version, you begin by choosing the strength of the turbine, available in FIT, PRO, or MAX options. Additionally, you can customize the housing color of your EVAstream, with choices such as anthracite, white, or stainless steel, to suit your preferences. To complete the installation, you have various options available to ensure a seamless and secure setup.

1 EVAstream turbine



Eva Stream FIT
225 m3/h



Eva Stream PRO
350 m3/h



Eva Stream MAX
450 m3/h

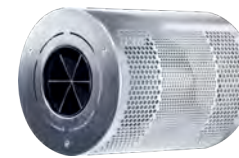
2 EVAstream housing



Eva Stream Housing
Anthracite



Eva Stream Housing
White



Eva Stream Housing
Stainless Steel (SS316)

3 EVAstream mounting



Suction cups
Incl. adjusting bolt



Mounting bracket
2mm RVS 316



Mounting bracket
3mm RVS 316

EVAstream - recessed mounted

Factsheet

EVAstream - Turbine		
	EVAstream FIT	EVAstream PRO
		
Configuration machine	single-engine machine	single-engine machine
Minimum pool dimensions	L: 4.50 meter	L: 4.50 meter
	W: 3.00 meter	W: 3.00 meter
Water temperature	5°C to 35°C	5°C to 35°C
IP rating	IPX	IPX
Cable type	3x1x16 mm²	3x1x16 mm²
Cable length	Standard cable length 5 meter.	Standard cable length 5 meter.
	Extend with 3x 1x25 mm²	Extend with 3x 1x25 mm²
Warranty	2 years factory warranty	2 years factory warranty
Recommended use	Recreational swimmer	Experienced swimmer
Flow rate capacity	Max. 225 m³ / h (adjustable flow)	Max. 350 m³ / h (adjustable flow)
Max. water speed at outlet	5.5 m/s	8.5 m/s
Max. waterflow speed swimzone	1:45 sec. per 100 meter	1:10 sec. per 100 meter

EVAstream - AC/DC Power supply			
Input	Voltage range	180-264VAC, 254-370VDC	180-264VAC, 254-370VDC
	Frequency range	47-63 Hz	47-63 Hz
	AC current (230VAC)	5.5 A	9 A
	Nominal power	1200 VA	2000 VA
	Power factor (type)	>0.9	>0.9
Output	DC bus voltage	26 VDC	28 VDC
	DC bus current	46A	71A
Protections		Short circuit, overload, over voltage, over temperature	Short circuit, overload, over voltage, over temperature

EVAstream - Motor control unit		
Control input	DMX 512	DMX 512
Output Moto PMSM 3x DC	RPM range 10-100%	RPM range 10-100%
Dimensions	660 x 185 x 115 mm	660 x 185 x 115 mm
IP rating	IP 20	IP 20
Working temperature	Max 32°, mount in a dry and condensation-free area	Max 32°, mount in a dry and condensation-free area
Safety measures	EVA Torque control, Voltage/current control, Mosfet temperature control	EVA Torque control, Voltage/current control, Mosfet temperature control

EVAstream MAX	
	
double-engine machine	
L:	5.50 meter
W:	3.00 meter
5°C to 35°C	
IPX	
2x 3x1x16 mm²	
Standard cable length 5 meter.	
Extend with 6x 1x25 mm²	
2 years factory warranty	
Maximum swimming experience	
Max. 2x 225 m³ / h (adjustable flow)	
2x 5.5 m/s	
0:55 sec. per 100 meter	

180-264VAC, 254-370VDC	
47-63 Hz	
11 A	
2400 VA	
>0.9	
28 VDC	
86A	
Short circuit, overload, over voltage, over temperature	

DMX 512	
RPM range 10-100%	
660 x 220 x 115 mm	
IP 20	
Max 32°, mount in a dry and condensation-free area	
EVA Torque control, Voltage/current control, Mosfet temperature control	

EVAstream niche PP

For all pools



Polypropylene housing

Stainless steel 316 mouting edge

EVAstream niche Poly

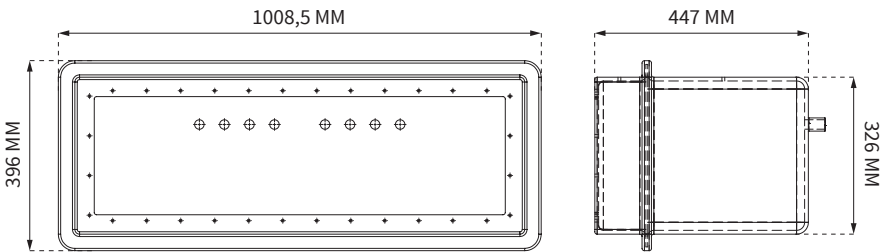
Niche with 3 degrees angle for
Monoblock pools with a draft angle



Polypropylene housing

Stainless steel 316 mouting edge

EVAstream recessed mounting dimensions



**Dimensions niche POLY: 1008 x 396 mm*

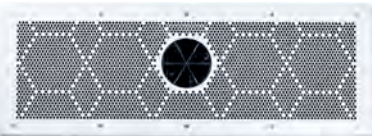
Frontplate

W: 960 mm, H: 340 mm, D: 18 mm



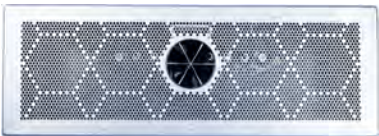
Front plate Haxagone ABS

Anthracite



Front plate Haxagone ABS

White



Front plate Haxagone ABS

Silver grey



Front plate Hexagon SS

SS 316 pressured polished

Safety standards EVA stream turbine

EVAstream was built for speed and safety. Safety measures were taken to ensure safety of fingers, toes and also hair. EVAstream complies to safety standards DIN EN16582-1/2/3, EN16713-2 (residential pools) and EN13451-1/3 (commercial pools).

Safety standards Power Supply Unit

SELV, UL62368-1, CSA C22.2 No. 62368-1, TUV EN62368-1 + A11, EAC TP TC 004, BSMI CNS14336-1 approved, EN55032 (CISPR32) Class A/B, EN61000-3-2/3, EN61000-4-2/3/4/5/6/8/11, EN55024 , EN61204-3, EN61000-6-2, BSMI CNS13438.

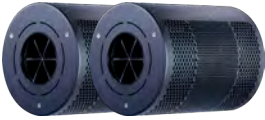
EVAstream - surface mounted

Factsheet

EVAstream - Turbine		
	EVAstream FIT	EVAstream PRO
		
Configuration machine	single-engine machine	single-engine machine
Minimum pool dimensions	L: 5.00 meter	L: 5.00 meter
	W: 3.00 meter	W: 3.00 meter
Water temperature	5°C to 35°C	5°C to 35°C
IP rating	IPX8	IPX8
Cable type	2x 3x1x16 mm²	2x 3x1x16 mm²
Cable length	Standard cable length 5 meter.	Standard cable length 5 meter.
	Extend with 3x 1x25 mm²	Extend with 3x 1x25 mm²
Warranty	2 years factory warranty	2 years factory warranty
Recommended use	Recreational swimmer	Experienced swimmer
Flow rate capacity	Max. 225 m³ / h (adjustable flow)	Max. 350 m³ / h (adjustable flow)
Max. water speed at outlet	5.5 m/s	8.5 m/s
Max. waterflow speed swimzone	1:45 sec. per 100 meter	1:10 sec. per 100 meter

EVAstream - AC/DC Power supply			
Input	Voltage range	180-264VAC, 254-370VDC	180-264VAC, 254-370VDC
	Frequency range	47-63 Hz	47-63 Hz
	AC current (230VAC)	5.5 A	9 A
	Nominal power	1200 VA	2000 VA
	Power factor (type)	>0.9	>0.9
Output	DC bus voltage	26 VDC	28 VDC
	DC bus current	46A	71A
Protections		Short circuit, overload, over voltage, over temperature	Short circuit, overload, over voltage, over temperature

EVAstream - Motor control unit		
Control input	DMX 512	DMX 512
Output Moto PMSM 3x DC	RPM range 10-100%	RPM range 10-100%
Dimensions	660 x 185 x 115 mm	660 x 185 x 115 mm
IP rating	IP 20	IP 20
Working temperature	Max 32°, mount in a dry and condensation-free area	Max 32°, mount in a dry and condensation-free area
Safety measures	EVA Torque control, Voltage/current control, Mosfet temperature control	EVA Torque control, Voltage/current control, Mosfet temperature control

EVAstream MAX	
	
double-engine machine	
L:	6.00 meter
W:	3.00 meter
5°C to 35°C	
IPX8	
2x 3x1x16 mm²	
Standard cable length 5 meter.	
Extend with 6x 1x25 mm²	
2 years factory warranty	
Maximum swimming experience	
Max. 2x 225 m³ / h (adjustable flow)	
2x 5.5 m/s	
0:55 sec. per 100 meter	

180-264VAC, 254-370VDC	
47-63 Hz	
11 A	
2400 VA	
>0.9	
28 VDC	
86A	
Short circuit, overload, over voltage, over temperature	

DMX 512	
RPM range 10-100%	
660 x 220 x 115 mm	
IP 20	
Max 32°, mount in a dry and condensation-free area	
EVA Torque control, Voltage/current control, Mosfet temperature control	

EVAstream housing



Polyethylene
Anthracite



Polyethylene
White



Stainless steel 316
Grounding mandatory

EVAstream Surface mounting options



On installation niche
Fixed position on wall

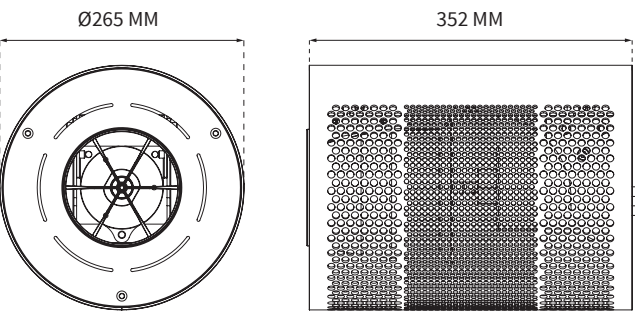


Mounting plate
Fixed position on wall



Suction pads
Flexible position on wall

EVAstream Surface mounting dimensions



Safety standards EVA stream turbine

EVAstream was built for speed and safety. Safety measures were taken to ensure safety of fingers, toes and also hair. EVAstream complies to safety standards DIN EN16582-1/2/3, EN16713-2 (residential pools) and EN13451-1/3 (commercial pools).

Safety standards Power Supply Unit

SELV, UL62368-1, CSA C22.2 No. 62368-1, TUV EN62368-1 + A11, EAC TP TC 004, BSMI CNS14336-1 approved, EN55032 (CISPR32) Class A/B, EN61000-3-2/3, EN61000-4-2/3/4/5/6/8/11, EN55024 , EN61204-3, EN61000-6-2, BSMI CNS13438.

EVStream
Complete set

1 EVAstream turbine

1. The **EVAstream FIT** is favoured by recreational swimmers. To maintain fitness, for aqua jogging or for use in rehabilitation.

2. The **EVAstream PRO** is chosen by experienced swimmers and athletes choose the, because of its extra powerful current.

3. The **EVAstream MAX** offers the maximum swimming experience. Not only is this the most powerful EVAstream, but with the double motor, the EVAstream Max also offers the largest swim zone.

② EVA Piezo unit

Start/stop or adjust the swimming speed of your EVAstream swimming workout at the touch of a button, right from the pool. The EVA piezo is available in ABS Anthracite, ABS White and ABS Silver Grey and can be upgraded with a stainless steel cover.



③ EVA LED SubAqua underwater lighting

The EVA LED SubAqua underwater lights complete the EVAstream experience. The underwater lighting guides you through the training. The changing light colours give you orientation within the exercise and motivate you as well.

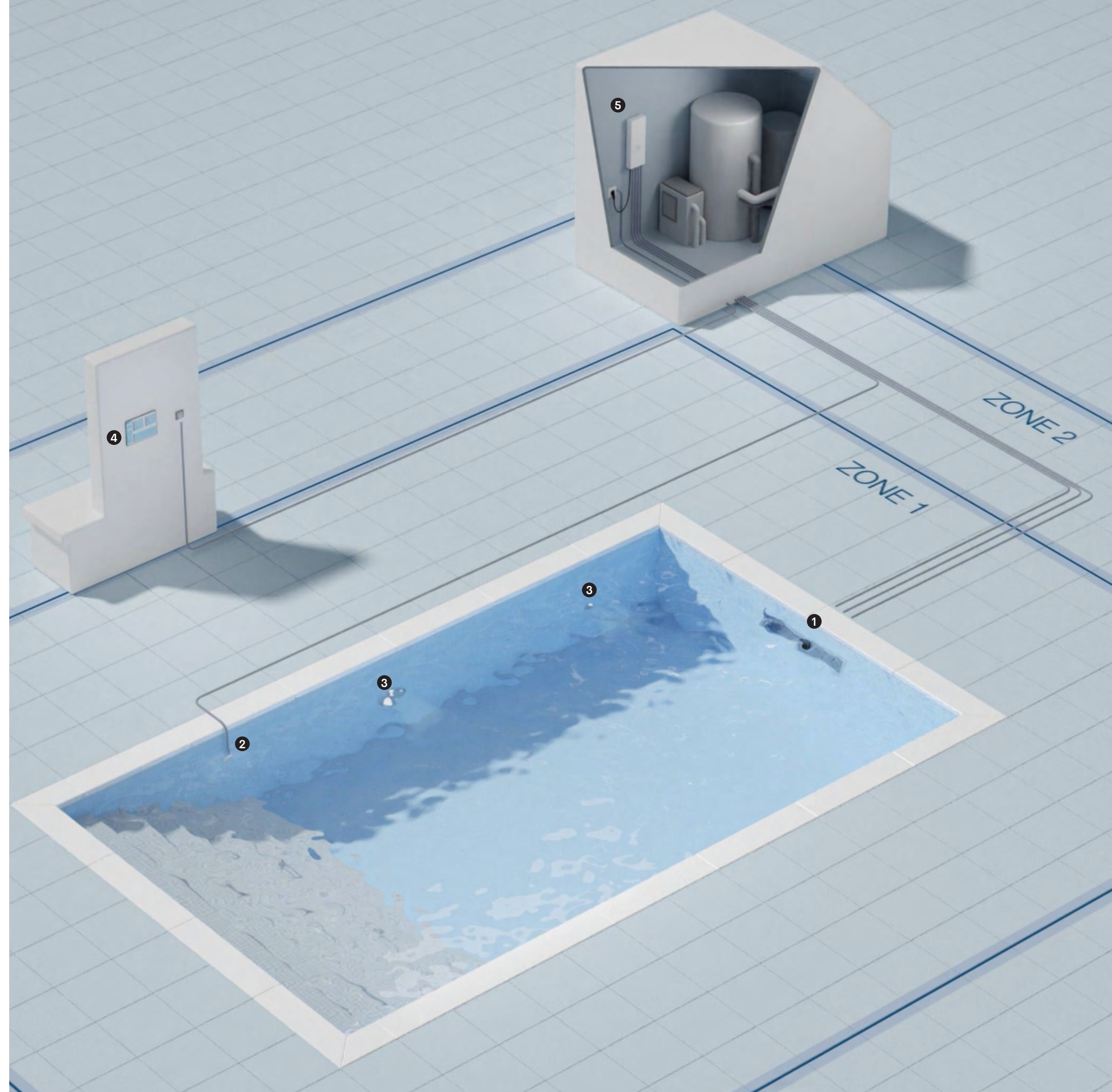


4 EVA Experience web app

Especially for the EVAstream we have developed a complete training program for swimmers of every age and every swimming level. The workouts consist of interval, sprint and endurance elements and increase in duration and intensity. Use the EVA Experience web app to manage the training session.

5 Technical

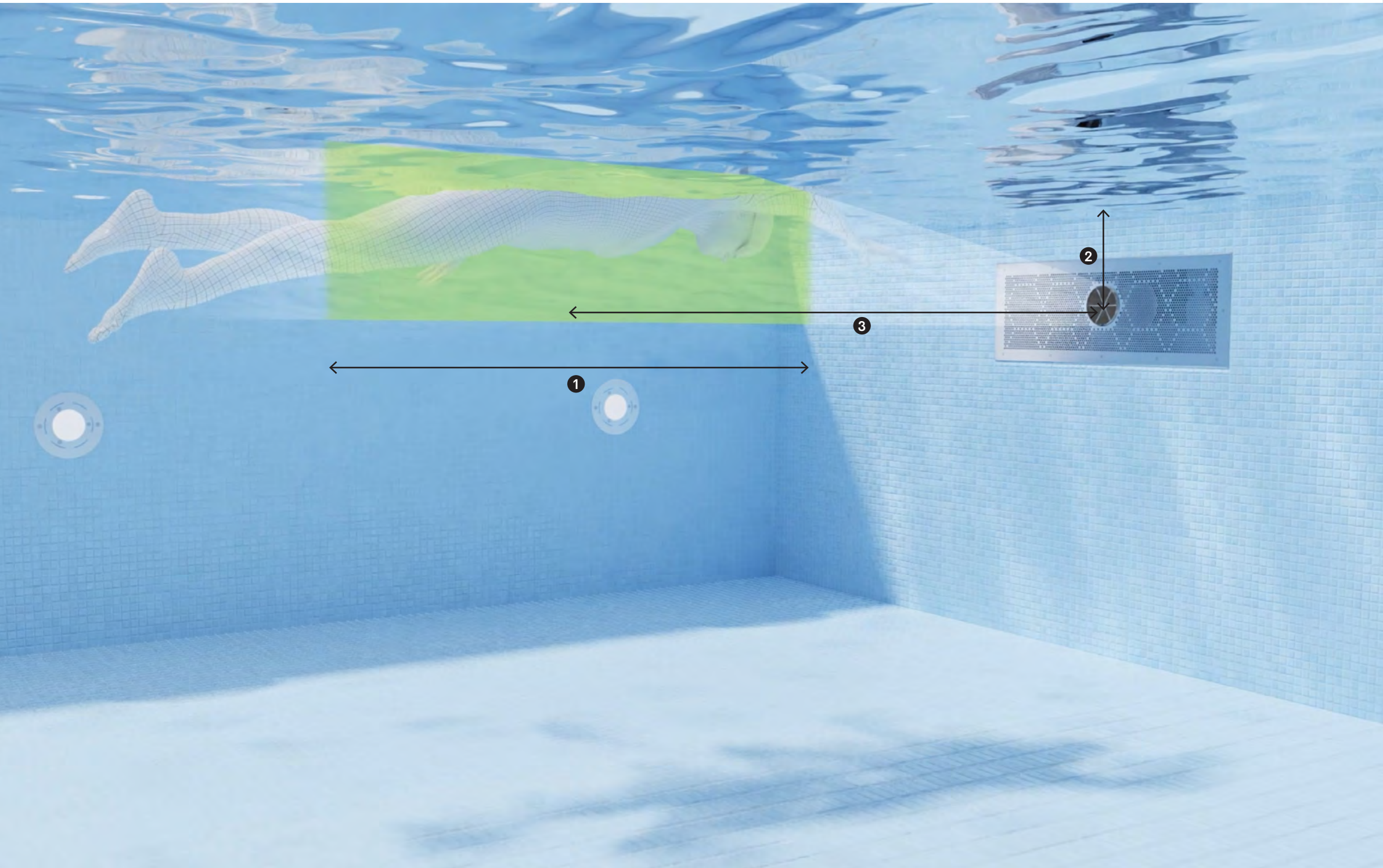
The motor control unit (MCU) of the EVAstream and the power supply units (PSU) of the underwater lighting are placed in the technical area near the pool. Ensure that the MCU and PSU are placed with the cable glands facing down.



EVAstream

Design the ultimate swimming area

The quality of a customer’s EVAstream swimming experience relies heavily on the precise placement of the turbine. By positioning the turbine at the ideal height, we guarantee that the current will be aimed effectively at the swimmer’s torso for optimal resistance.



1 Identify the swimming zone
Begin by determining the user’s swimming zone. Whether they have chosen EVAstream Fit, Pro, or Max, you can refer to the images on page 10 to identify their specific swimming zone. The swimming zone remains consistent for each type, irrespective of the swimmer’s height.

2 Turbine placement
We recommend placing the turbine approximately 250 millimeters below the water level. The turbine can be adjusted using the side bolts, allowing a maximum downward tilt of 2 degrees or an upward tilt of 3 degrees. This adjustment ensures an optimal swimming experience for every customer.

3 Crafting the perfect swimming area
After fine-tuning the turbine placement, the flow should be directed towards the swimmer’s torso, rather than their head. While swimming, the individual should experience unrestricted breathing and a broad, steady current enveloping their entire body. The bulk of the water flow should be felt on the swimmers upper body/ breast. By positioning themselves at a distance from the machine, the effective swimming zone expands, offering more freedom to move comfortably.

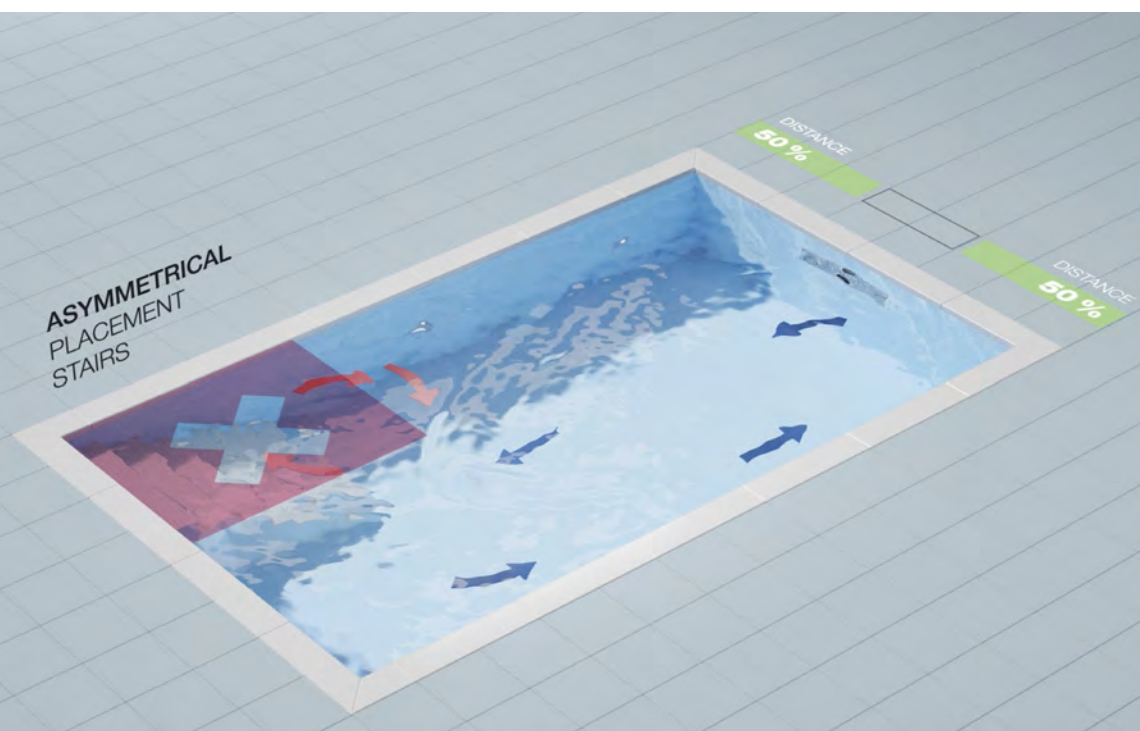
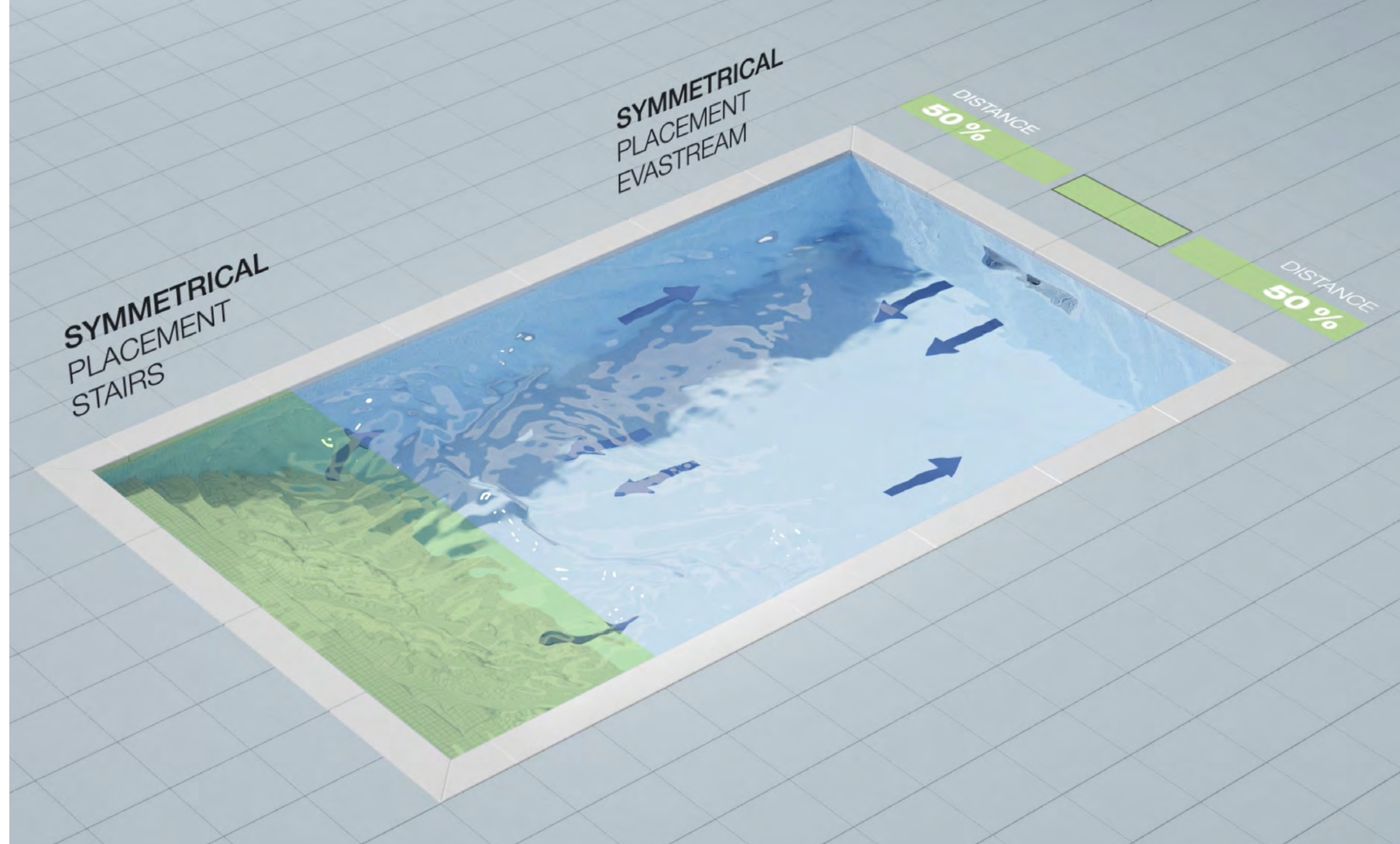
Our aim is to create an exceptional swimming area that guarantees the best possible experience for every swimmer.

EVAstream

Optimal positioning for balanced flow

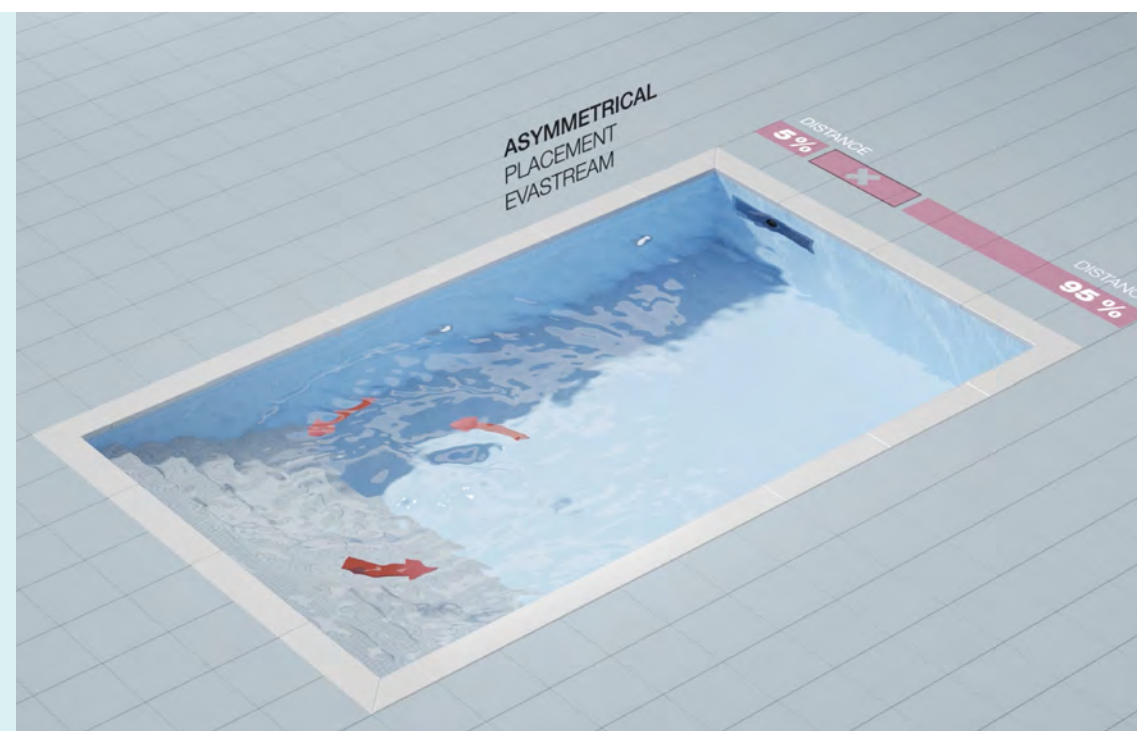
Achieving the best swimming experience for customers requires careful consideration of the EVAstream's placement during the pool design phase, particularly in relation to elements like stairs and platforms. These "obstacles" can hinder an enjoyable swimming experience. To ensure optimal water flow, it is crucial to position the EVAstream symmetrically along the pool wall in a well-balanced pool design.

By prioritizing symmetrical placement, you ensure a harmonious flow throughout the pool, resulting in an optimal swimming experience for all users. When in doubt, please consult your EVA pool advisor.



Preventing water circulation blockages

Imagine a scenario where a staircase is placed in one corner of the pool. This arrangement disrupts the flow of water, causing an imbalance in circulation on both sides of the pool. Although the EVAstream's flow remains robust, the user perceives it as faltering due to the staircase's influence.



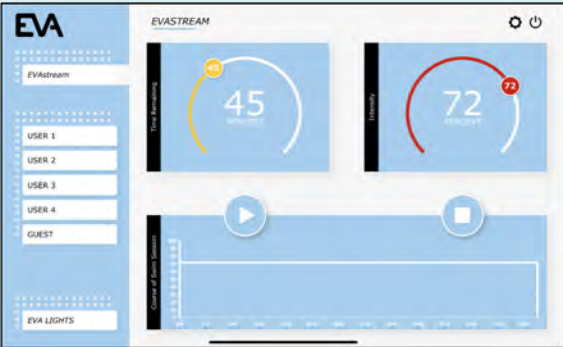
The pitfalls of asymmetrical placement

When the turbine is not symmetrically positioned within the pool, the current's circulation becomes uneven across the pool. The EVAstream's power remains unaffected, but it generates a vortex-like effect in the middle of the pool.

EVAstream

EVA Experience web app

Take full control of your EVAstream using the EVA Experience web app. With this app, you can customize your swimming session by adjusting the swimming speed, duration, and even choose specific preset training programs.



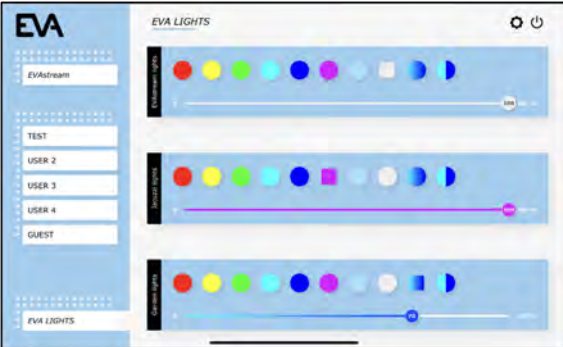
Swimming Time Management
Select the desired duration of your swim session, ranging from a minimum of 5 minutes to a maximum of 120 minutes. The app displays the remaining time in real-time, allowing you to easily track your progress throughout the session.

Intensity Control
Adjust the swimming intensity by choosing a percentage of the maximum capacity of the EVAstream. The app conveniently remembers your last used intensity setting, simplifying your future swim sessions.

Real-time Session Monitoring
Observe the progress of your current swimming session in real-time. By clicking the “play” icon, a progress bar initiates, showing the elapsed time and the intensity at which you are swimming.

Flexibility During the Session
You have the freedom to pause and restart your swimming session at any time. Additionally, you can modify your swimming speed during the session using either the Intensity slider or the Piezo control inside of the pool (if applicable).

Lights Control
The app also provides control over the lighting settings. You can manually adjust the lights or synchronize them with the EVAstream for an enhanced swimming experience.



EVA Experience web app
Light plan

Combining EVA Experience with EVA Piezo
The EVA Experience web app seamlessly integrates with the EVA Piezo controller unit installed in your pool. Prepare your swim session using the web interface and then control it directly from inside the pool. Set your preferred duration and intensity on the tablet, and initiate the session from the pool.

When inside the pool, press the top Piezo button to start the training session (and pause if desired). The two bottom Piezo buttons allow you to decrease (left) or increase (right) the swim speed. If you press both buttons simultaneously, the child lock feature will activate (if enabled), after which release can only be done through the web interface.

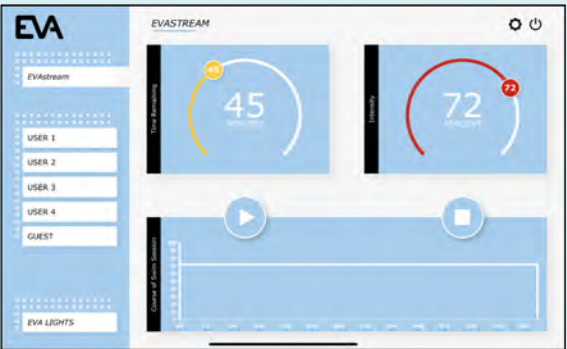


EVAstream

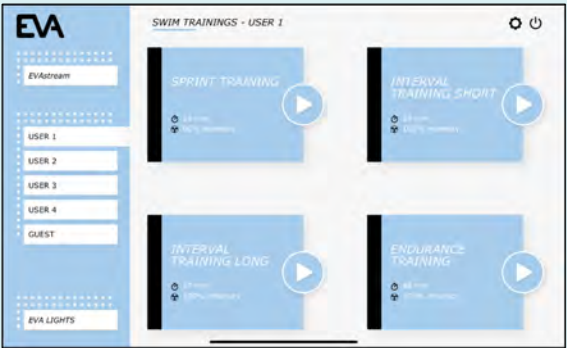
Swimming training programs: unlock your potential

Challenging swim workouts
Experience challenging swim workouts tailored specifically for the EVAstream. We have meticulously developed a comprehensive training program suitable for swimmers of all ages and skill levels. These workouts incorporate intervals, sprints, and endurance elements, gradually increasing in both duration and intensity.

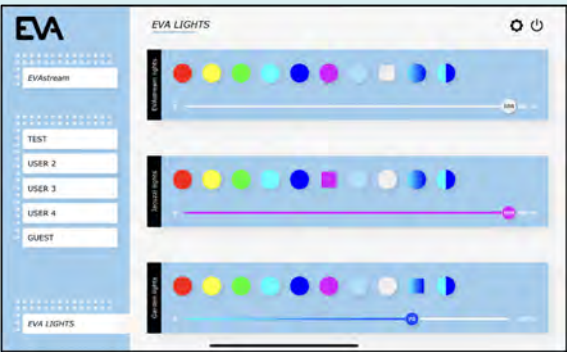
Enhanced experience with EVA LED underwater lighting
To enrich your training experience, our EVA LED underwater lighting system complements the workouts. These lights serve as your guide throughout the training session. Changing colors provide orientation and serve as a motivating factor. Take advantage of our specialized training programs to enhance your overall health, fitness, and endurance. Manage these sessions conveniently through the EVA Experience web app.



EVA Experience web app
Dashboard



EVA Experience web app
Training programs



EVA Experience web app
Light plan

Training example: EVAstream workout

Embark on a specially designed EVAstream swimming training session. Our EVA RGBW underwater lights automatically synchronize with your workout, offering intuitive guidance. Prepare for a truly unique swimming experience.

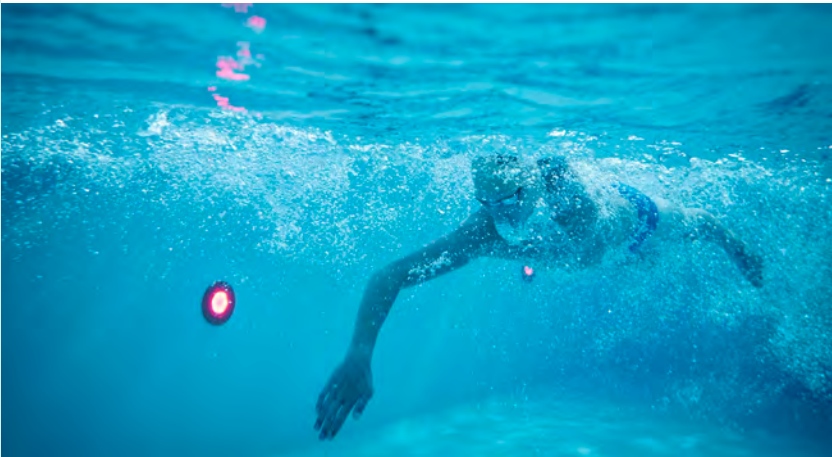
1. Select your swim workout
Using the EVA Experience web app, choose a workout that matches your mood and skill level. The underwater lights turn white, providing you a few seconds to get into position. You position yourself approximately 2.5 meters away from the EVAstream, ready to begin.

2. Start with endurance exercise
As the lamps turn red and the EVAstream activates, commence an endurance exercise at a moderate pace. Feel the stability and strength of the current without any disruptive splashing. It's akin to swimming in a 25-meter pool.

3. Guided by underwater lighting
The underwater lighting serves as your guide throughout the training session. Each exercise is divided into three parts. Initially, the lights are red, indicating the start. After completing one-third of the exercise, the lights turn green, signaling progress. Finally, the exercise concludes with blue lights. The shifting colors provide orientation and keep you motivated. When the lamps turn blue, you know you're nearing the finish line and can push yourself a little further.

4. Built-in rest breaks
Rest breaks are strategically incorporated within each exercise. The lamps turn white, indicating the EVAstream is temporarily deactivated, allowing you to catch your breath. After an endurance exercise at a consistent pace, a progressive speed exercise, and a series of sprints, a cool-down phase follows, indicating the end of your training.

Immerse yourself in the dynamic training experience offered by the EVAstream and allow the EVA LED underwater lighting to guide you towards achieving your swimming goals.





EVA Optic B.V.

De Velde 1 - 8064PH Zwartsluis - +31 (0)38 33 75 067 - sales@evaoptic.com - www.evaoptic.com