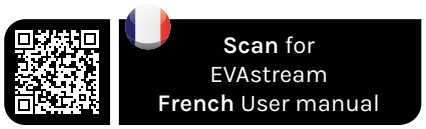
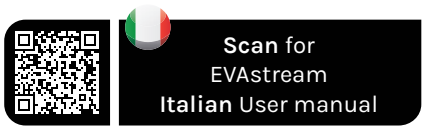
EVAstream

USER MANUAL

A step-by-step user's guide to getting started





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1. IMPORTANT SAFETY INSTRUCTIONS

Important safety instructions: rotating parts
The EVAstream Move is a powerful machine with rotating parts. Safety measures have been taken to ensure the safety of fingers, toes and also to prevent hair entanglement. Nevertheless, you should always maintain a safe distance from the machine.

Despite the safety measures implemented to prevent hair entanglement, every EVAstream user is advised to wear a swim cap. EVAstream complies with the following safety standards: DIN EN16582-1/2/3, EN16713-2 (residential pools) and EN13451-1/3 (commercial pools).

Important safety instructions: child supervision and safety
The EVAstream should not be used by children under 8 years old. Children under 16 years of age should never use EVAstream without adult supervision. The EVAstream Move may only be placed in the pool by an adult.

The EVAstream Move is not a toy. Keep your distance from the machine and absolutely do not hang from, pull on or sit on top of the turbine.

Never use or store the EVAstream in a room/area where the temperature is below the freezing point.

2. OVERVIEW EVASTREAM INSTALLATION

Overview

2.1 EVAstream turbine
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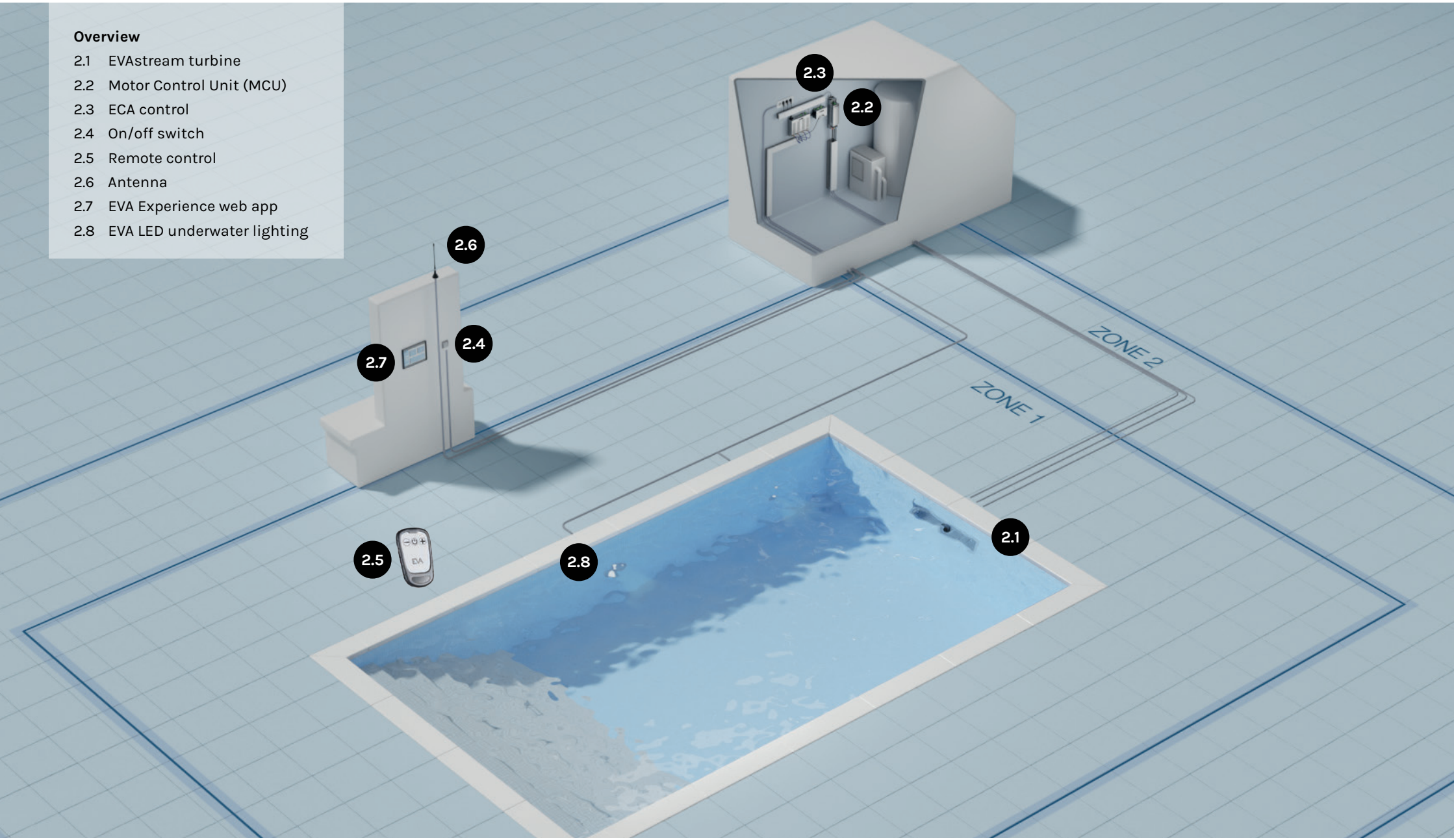


2.1 + 2.2 EVAstream turbine + MCU

Recreational swimmer

	EVAstream NEXT 175	EVAstream NEXT 225
		
Recommended use	Recreational swimmer	Recreational swimmer
Water flow capacity	35 - 175 m^3/h (adjustable flow)	45 - 225 m^3/h (adjustable flow)
Volume displacement	0,8 - 4,3 m/s	1,1 - 5,5 m/s
Max. waterflow speed swimzone	2:15 sec. per 100 meter	1:40 sec. per 100 meter
Minimum pool dimensions	4,5 x 2,5 meter (lxb)	4,5 x 2,5 meter (lxb)
Warranty	2-3 years factory warranty*	2-3 years factory warranty*

* Register your product at www.evaoptic.com for 3 years warranty

Turbine		
Number of turbines	1 turbine	1 turbine
Cable type	3x1x16 mm^2	3x1x16 mm^2
Cable length	8 meter, extendable to max. 35 meters	8 meter, extendable to max. 35 meters
IP rating	IPX8	IPX8
Motor type	Brushless motor	Brushless motor
Water temperature	5°C to 35°C	5°C to 35°C

Motor Control Unit		
Dimensions	284 x 90 x 82 mm (lxbxh)	290 x 105 x 91 mm (lxbxh)
IP rating	IP 20	IP 20
Working temperature	-20°C to 32°C, dry and condensation-free area	-20°C to 32°C, dry and condensation-free area
Safety measures	Short circuit, overload, over voltage, over temperature, EVA Torque control, Voltage/current control, Mosfet temperature control	

Electrical specifications input		
Connection voltage (Vac)	90-264 Vac	90-264 Vac
Frequency range	47 - 63 Hz	47 - 63 Hz
Nominal current (A)	3A 230 Vac	4A 230 Vac
Power consumption VA (PF > 0.95)	600W	900W
Standby power consumption (W)	5W	5W
PPM input	PPM1	PPM2

Electrical specifications output		
Turbine output	BLDC	BLDC
Turbine connection power supply	3x1x16 mm^2	3x1x16 mm^2
Nominal voltage (Vdc)	24 Vdc	24 Vdc
Nominal current (A)	23A	35A
Output power sharing	Not available	Not available

2.1 + 2.2 EVAstream turbine + MCU

Experienced swimmer

	EVAstream NEXT 275	EVAstream NEXT 450
		
Recommended use	Experienced swimmer	Experienced swimmer
Water flow capacity	55 - 275 m^3/h (adjustable flow)	90 - 450 m^3/h (adjustable flow)
Volume displacement	1,3 - 6,7 m/s	2x 1,1 - 5,5 m/s
Max. waterflow speed swimzone	1:25 sec. per 100 meter	1:15 sec. per 100 meter
Minimum pool dimensions	4,5 x 2,5 meter (lxb)	4,5 x 2,5 meter (lxb)
Warranty	2-3 years factory warranty*	2-3 years factory warranty*

* Register your product at www.evaoptic.com for 3 years warranty

Turbine		
Number of turbines	1 turbine	2 turbines
Cable type	3x1x16 mm^2	3x1x16 mm^2
Cable length	8 meter, extendable to max. 30 meters	8 meter, extendable to max. 25 meters
IP rating	IPX8	IPX8
Motor type	Brushless motor	Brushless motor
Water temperature	5°C to 35°C	5°C to 35°C

Motor Control Unit		
Dimensions	380 x 90 x 96 mm (lxbxh)	360 x 182 x 117 mm (lxbxh)
IP rating	IP 20	IP 20
Working temperature	-20°C to 32°C, dry and condensation-free area	-20°C to 32°C, dry and condensation-free area
Safety measures	Short circuit, overload, over voltage, over temperature, EVA Torque control, Voltage/current control, Mosfet temperature control	

Electrical specifications input		
Connection voltage (Vac)	90-264 Vac	180-264 Vac
Frequency range	47 - 63 Hz	47 - 63 Hz
Nominal current (A)	6A 230 Vac	9A 230 Vac
Power consumption VA (PF > 0.95)	1300W	1800W
Standby power consumption (W)	40W	80W
PPM input	PPM2	PPM2

Electrical specifications output		
Turbine output	BLDC	BLDC
Turbine connection power supply	3x1x16 mm^2	3x1x16 mm^2
Nominal voltage (Vdc)	24 Vdc	24 Vdc
Nominal current (A)	50A	2x 35A
Output power sharing	24 Vdc 100W	24 Vdc 100W

2.1 + 2.2 EVAstream turbine + MCU

Professional swimmer

	EVAstream NEXT 350	EVAstream NEXT 550
		
Recommended use	Professional swimmer	Professional swimmer
Water flow capacity	70 - 350 m^3/h (adjustable flow)	110 - 550 m^3/h (adjustable flow)
Volume displacement	1,7 - 8,6 m/s	2x 1,3 - 6,7 m/s
Max. waterflow speed swimzone	1:10 sec. per 100 meter	1:05 sec. per 100 meter
Minimum pool dimensions	4,5 x 2,5 meter (lxb)	4,5 x 2,5 meter (lxb)
Warranty	2-3 years factory warranty*	2-3 years factory warranty*

* Register your product at www.evaoptic.com for 3 years warranty

Turbine		
Number of turbines	1 turbine	2 turbines
Cable type	3x1x16 mm^2	3x1x16 mm^2
Cable length	8 meter, extendable to max. 25 meters	8 meter, extendable to max. 25 meters
IP rating	IPX8	IPX8
Motor type	Brushless motor	Brushless motor
Water temperature	5°C to 35°C	5°C to 35°C

Motor Control Unit		
Dimensions	380 x 90 x 96 mm (lxbxh)	360 x 182 x 117 mm (lxbxh)
IP rating	IP 20	IP 20
Working temperature	-20°C to 32°C, dry and condensation-free area	-20°C to 32°C, dry and condensation-free area
Safety measures	Short circuit, overload, over voltage, over temperature, EVA Torque control, Voltage/current control, Mosfet temperature control	

Electrical specifications input		
Connection voltage (Vac)	90-264 Vac	180-264 Vac
Frequency range	47 - 63 Hz	47 - 63 Hz
Nominal current (A)	8A 230 Vac	12A 230 Vac
Power consumption VA (PF > 0.95)	1700W	2600W
Standby power consumption (W)	40W	80W
PPM input	PPM2	PPM2

Electrical specifications output		
Turbine output	BLDC	BLDC
Turbine connection power supply	3x1x16 mm^2	3x1x16 mm^2
Nominal voltage (Vdc)	24 Vdc	24 Vdc
Nominal current (A)	65A	2x 50A

Safety standards EVAstream 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.

2.3 ECA Control

	ECA Control Eco	ECA Control 1 Essential	ECA Control 2 Training	ECA Control 3 ProTrainer
				
Suitable for EVAstream type	EVAstream NEXT 175	EVAstream NEXT 225 - 275 - 350 EVAstream NEXT 450 - 550	EVAstream NEXT 225 - 275 -350 EVAstream NEXT 450 - 550	EVAstream NEXT 225 - 275 -350 EVAstream NEXT 450 - 550
Available EVA web app functions	Start / stop Speed / timer	Start / stop Speed / timer	Start / stop Speed / timer 3 swim workouts	Start / stop Speed / timer 20 swim workouts
Connection EVA LED underwater lighting	Not available	Optional (extension)	Optional (extension) Compatible with swim workouts	Optional (extension) Compatible with swim workouts
Connection EVA Remote control	Optional (extension)	Optional (extension)	Optional (extension)	Optional (extension)
ECA Unit				
Dimensions	158 x 119 x 75 mm (lxbxh)	158 x 119 x 75 mm (lxbxh)	158 x 119 x 75 mm (lxbxh)	158 x 119 x 75 mm (lxbxh)
IP rating	IP20	IP20	IP20	IP20
Working temperature	-20°C tot 32°C, dry/ condensation-free	-20°C tot 32°C, dry/ condensation-free	-20°C tot 32°C, dry/ condensation-free	-20°C tot 32°C, dry/ condensation-free
Warranty	2 years factory warranty	2 years factory warranty	2 years factory warranty	2 years factory warranty
Electrical specifications (input)				
Connection voltage (Vac)	230 Vac 5W	230 Vac 10W	230 Vac 10W	230 Vac 10W
Pulse input (piezo-ready)	Not available	3x Piezo ready	3x Piezo ready	3x Piezo ready
Electrical specifications (output)				
PPM output	PPM 1	PPM 2	PPM 2	PPM 2
Lighting control output	Not available	DMX	DMX - EVA	DMX - EVA
Fan output 5W (power box ventilation)	Not available	24 Vdc 5W	24 Vdc 5W	24 Vdc 5W

2.4 On/off switch

If the EVAstream is permanently connected to 230V mains, the installation must additionally be equipped with an on/off switch mounted near the swimming pool where the EVAstream is located.

After use, the power must be switched off.

2.5 Remote control

Electrical specifications - Receiver

Radio frequency band	433.92 MHz
Antenna	BNC connector, external antenna optional (preferably dipole antenna for DIN-receivers and 1/2 - or 1/4 antenna for wall mounting. The antenna is supplied as standard with a 10-metre cable.)

Electrical specifications - Remote control

Radio frequency band	433.92 MHz
On/off switch	included
IP-rating	IP67
Environmental conditions	-20°C to +55°C / -4°F to +130°F (humidity 10–90%)
Moisture	10–90%
Dimensions	65x 112 x 35 mm / 2.6 x 4.4 x 1.4 inch

2.6 Antenna

General specifications

Frequency	433.92 MHz
Weight	426 grams
Dimensions	33x195x33 mm
Range	50 m, in open field

2.7 EVA Experience web app

Use the EVA Experience web app to manage the EVAstream.

For instructions on how to set up the tablet environment, please refer to chapter 7.

2.8 EVA LED underwater lighting

The EVA RGBW LED underwater pool lighting completes the counter current pool experience. The underwater lighting guides you through the training. For instructions on how to set up the underwater lighting, please refer to the mounting & installation manual of the EVA LED underwater lighting.

Scan the **QR-code** to go to the manual

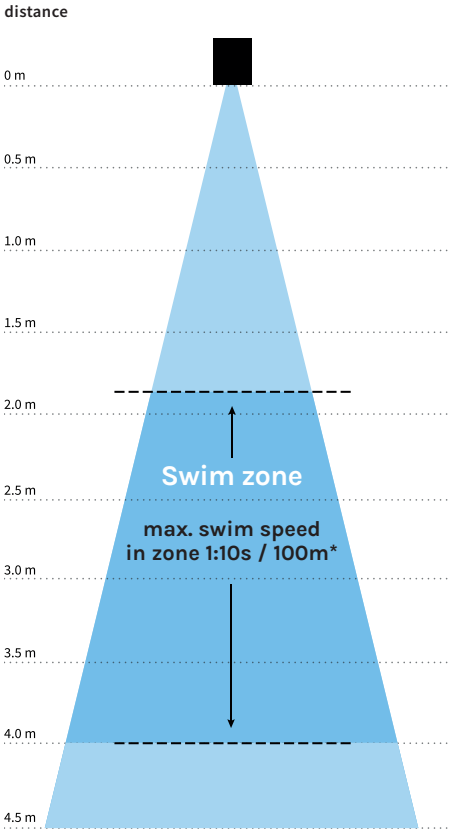
3. CREATE THE BEST SWIMMING ZONE

1. Determine swimming zone

You start by determining your swimming zone, see the image below:

EVAstream Next 175/225/275/350

Single engine machine recessed



Example EVAstream Next 350

EVAstream Next 175	
Flow capacity:	175 m³/u
Max. water flow speed:	4,3 m/s
Max. speed in zwemzone:	2:15 s/100m

EVAstream Next 225	
Flow capacity:	225 m³/u
Max. water flow speed:	5,5 m/s
Max. speed in zwemzone:	1:40 s/100m

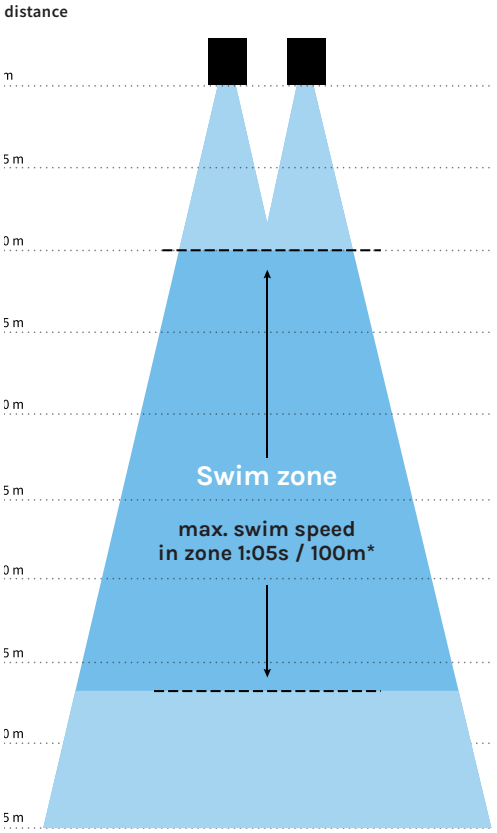
EVAstream Next 275	
Flow capacity:	275 m³/u
Max. water flow speed:	6,7 m/s
Max. speed in zwemzone:	1:25 s/100m

EVAstream Next 350	
Flow capacity:	350 m³/u
Max. water flow speed:	8,6 m/s
Max. speed in zwemzone:	1:10 s/100m

*Measurements of an adult professional swimmer.
Body size and mass influence swimming speed.

EVAstream Next 450/550

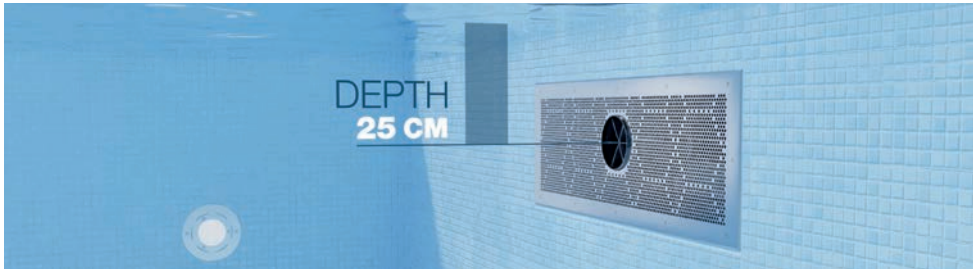
Doucble engine machine recessed



Example EVAstream Next 550

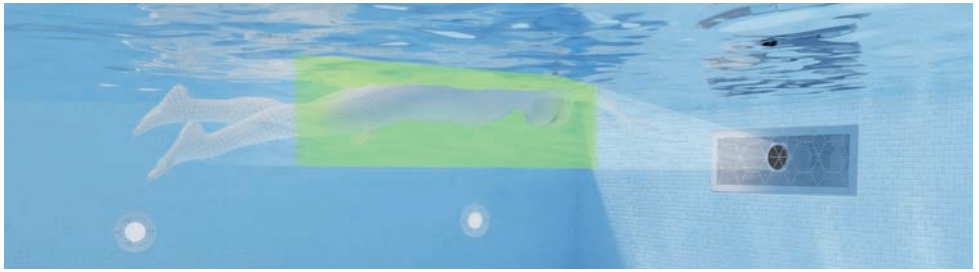
EVAstream Next 450	
Flow capacity:	450 m³/u (2x 225)
Max. water flow speed:	2x 5,5 m/s
Max. speed in zwemzone:	1:15s/100m

EVAstream Next 550	
Flow capacity:	550 m³/u (2x 275)
Max. water flow speed:	2x 6,7 m/s
Max. speed in zwemzone:	1:05s/100m



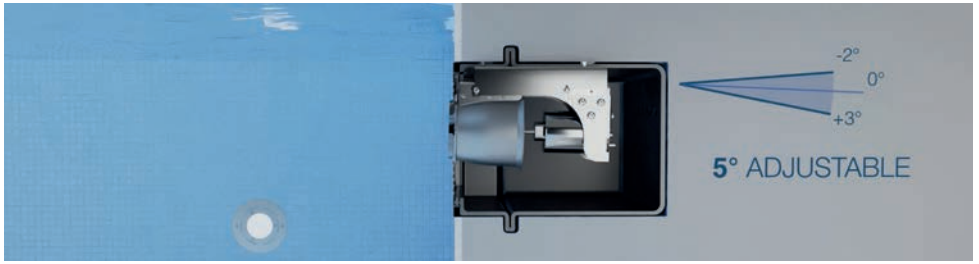
2. Turbine placement of the EVAstream at 250 mm

We advise that you position the turbine 250 millimetres (measured from the centre of the turbine) below water level. Mount the EVAstream centred horizontally, in the middle of the wall.



3. Check the swimming zone

The flow is directed at the torso and not at the head, so that there is free breathing space while swimming. The current is also wide and stable enough to encompass the entire body. When you swim over the water flow, or you get water in your face, the turbine has to be adjusted.



4. Adjust the turbine if necessary

If the customer requests it, you can adjust the angle of the turbine a little higher or lower with the adjustment jig. The turbine can be adjusted a maximum of 2 degrees downwards or 3 degrees upwards using the adjustment bolts on the side. This way you ensure that every customer has an optimal swimming experience.

4. CLEANING AND MAINTENANCE

4.1 Read before cleaning

⚠ WARNING

You should first make sure that the installation is completely voltage-free by removing the plug from the socket. If the installation is permanently connected to 230V mains, switch off the main switch/isolation switch (mounted in the technical space near the Motor Control Unit) before you start working. It is not enough to use the on/off switch, as this does not make the installation completely voltage-free. You must use the isolation switch to de-energise the entire installation!

4.2 Cleaning after use, winter storage and maintenance

NOTICE

- The EVAstream comes equipped with a connection cable with a power plug. Before carrying out any maintenance, you must remove the plug from the socket, disconnecting the installation from the power supply.
- The flexible surface-mounted version (mounted with EVA-SM-A00/A01/A02/A03) of the EVAstream can easily be attached to the pool wall before use and removed again after use. We advise you to remove the machine from the pool when you are not using it.
- If you do not heat the pool during the autumn/winter period, remove the EVAstream (turbine) from the pool. The EVAstream turbine must remain frost-free. If the EVAstream or parts of it are frozen, it can cause irreparable damage to the machine.
- It is not permitted to use the EVAstream if the power cable is damaged. Always ensure the safety of yourself and other users, especially when using electrical devices in and near water.
- Never clean the machine with concentrated cleaning agents.
- At the end of the life cycle of the EVAstream, the device/parts must be sent, in accordance with your local guidelines, to the appropriate collection points.

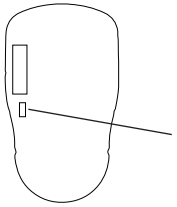
5. REMOTE CONTROL

The Remote control is automatically connected to the EVAstream.
If you also want to control the lighting with the remote control, this group must be switched on manually. You can enable this in the EVA Experience web app (chapter 6).
The Remote control has the following control options:

1. EVA Remote control options

ON/OFF button	EVAstream ON/OFF
Button +	
Short press:	increase intensity 5%
Long press:	increase intensity as long as you press for a stepless increase in speed
Button -	
Short press:	decrease intensity 5%
Long press:	decrease intensity as long as you press for a stepless decrease in speed

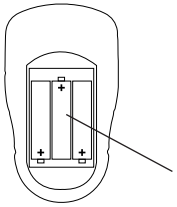
2. On/off Switch



The remote control has an on/off switch on the back. The on/off switch disconnects power from the battery. In the 0/off position, the remote control will not function.

The on/off switch has 2 positions:
1 = on
0 = off

3. Replacing the batteries



1. Remove the back piece (3 screws).
2. Remove the batteries.
3. Insert the new batteries.
4. Replace the back piece (3 screws).

Battery type: 2x AAA 1.5 V Alkaline
Remove the batteries during long-term storage.

6. EVA EXPERIENCE WEB APP

We have developed a complete training program for swimmers of every age and every skill level. The workouts consist of interval, sprint and endurance elements and increase in duration and intensity. Use the EVA Experience web app as your very own personal swimming trainer!

For installing and setting up the web app, scan the QR codes below:

1 Connect to Wi-Fi network EVAstream

SSID: EVAstream
Password: U1yW5mdM

2 Connect to EVA Experience web app

IP-address: 192.168.4.1 (Android)
Local-host: evacontroller.local (IOS)

How to use the EVA Experience web app

If you are unable to connect to the EVAstream Wi-Fi network (step 1), please visit the step-by-step overview on our website for alternate connection options:

EVA Experience web app - network connection

7. SAFETY STANDARDS

The EVAstream swimming machine is an extra low voltage (ELV) system. Due to the very low voltage, the machine is suitable for use in both private and public swimming pools. Due to the very low voltage, the EVAstream swimming machines fall well outside of the scope of both the Machinery Directive 2006/42/EC (1000Vac/1500Vdc or higher) and the Low Voltage Directive 2014/35/EU (50Vac/75Vdc - 1000Vac/1500Vdc). Although the EVAstream (with a maximum of 30Vdc) falls well outside of the scope of these standards, all EVAstream models meet the relevant safety requirements as stated in both guidelines.

Specific safety standards for swimming pool products and installations
All EVAstream models comply with the following specific standards and guidelines for use in swimming pools. These standards focus, among other things, on electrical safety, electromagnetic interference and protection against hair entanglement (hair safety).

NEN-EN 16582-1/2/3:2015+A1:2021
Swimming pools for private use –
Part 1: General requirements, including safety requirements and test methods
Part 2: Specific requirements, including safety requirements and test methods for inground swimming pools
Part 3: Specific requirements, including safety requirements and test methods, for above-ground swimming pools

NEN-EN 16713-2:2016
Swimming pools for private use - Water systems -
Part 2: Circulation systems - Requirements and test methods

NEN-EN 13451-1:2020
Swimming pool equipment -
Part 1: General safety requirements and test methods
for swimming pool equipment installed in public swimming pools

NEN-EN 13451-3:2022
Swimming pool equipment -
Part 3: Additional specific safety requirements and test methods for swimming water inlets and outlets and for water/air based water attractions

EN 60364-7-702/ DIN VDE 0100-702:2012-03
Low-voltage electrical installations -
Part 7-702: Requirements for special installations, rooms and areas -
Swimming pools and fountains

Directive 2014/30/EU
Electromagnetic Compatibility (EMC)

Battery charging system
IEC EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2: 2013
IEC EN 55022:2010+AC:2011
IEC EN 55024:2010+A1:2015
IEC EN 61000-3-2:2019
IEC EN 61000-3-3:2013+A1:2019
IEC EN 61000-4-2/3/4/5/6/11
IEC EN 55032:2015
IEC EN 55035:2017
UN 38.3
UN 3481
IEC EN 62133

8. GENERAL SAFETY INSTRUCTIONS

8.1 Read before use

- Follow the directions for electrical installation and use carefully.
- Failure to comply or inadequate compliance with these important instructions can result in serious personal injury or property damage.
- We do not accept any claim under warranty and/or liability for material and/or intangible damage as a result of failure to comply with these regulations regarding installation, mounting, and use.
- The general terms and conditions of EVA Tech B.V. apply to all our offers and agreements. EVA Tech B.V. expressly rejects the applicability of the general (purchasing) conditions of counterparties. The warranty provisions of the EVAstream and the general terms and of EVA Tech B.V. apply to all our offers and agreements.

8.2 Important general information

- EVAstream is a powerful machine. The machine includes a very powerful motor with rotating parts. As with any machine, always consider your safety and the safety of others when using it.
- The EVAstream Move is a powerful machine with rotating parts. Safety measures have been taken to ensure the safety of fingers, toes and also to prevent hair entanglement. Nevertheless, you should always maintain a safe distance from the machine.
- Despite the safety measures implemented to prevent hair entanglement, every EVAstream user is advised to wear a swim cap. EVAstream complies with the following safety standards: DIN EN16582-1/2/3, EN16713-2 (residential pools) and EN13451-1/3 (commercial pools).

9. WHEN SHOULD THE EVASTREAM NOT BE USED

People who do not have an official certificate of swimming proficiency (swimming diploma) may under no circumstances use the EVAstream.

- The EVAstream should not be used by children under 8 years old.
- Children under 16 years of age should never use EVAstream without adult supervision.
- Never leave children alone when the EVAstream is on or can be easily turned on.
- Always keep your attention on the swimmer.
- The EVAstream should not be used by persons with limited physical and/or sensory, or mental capabilities unless they are under the supervision of a qualified person responsible for their safety.
- Using the EVAstream if you have consumed alcohol, drugs, or medication that affects your ability to react is not permitted.
- Not for use in potentially explosive areas.
- Not for use in any aggressive environments (in the presence of gases, acids, vapours, substances, oils).
- Not for use in dirty water.
- The turbine should never be used outside of the water. Doing so will void the warranty.

10. USING THE EVASTREAM SAFELY

10.1 Read before use

- Every user and operator of the EVAstream must read the operating instructions in full, in advance. The regulations must be followed carefully at all times.
- Make sure that there are no people near the suction and outflow area of the turbine before turning on the EVAstream.
- The machine may only be operated under water. The machine must always be fully submerged before use. Serious and permanent damage to the machine can occur if the EVAstream is not submerged during use.
- The water (water values) and surroundings must meet the requirements for environmental conditions.
- Installation depth: the EVAstream can be placed at a maximum of 50 cm below water level.
- The machine and the pool in which it is placed must be free of obstacles before turning on the machine. Small objects and toys must be removed from the water and from the bottom to avoid damage to the machine.
- The EVAstream is only intended to be used as a counter-current swimming machine.
- Use for any other purpose must be discussed with the manufacturer in advance and must be documented in writing.
- Make sure that EVAstream users always read these instructions before use.
- Store these operating instructions in an easily accessible place near the machine.

10.2 Rules for a safe use

- Despite the safety measures implemented to prevent hair entanglement, every EVAstream user is advised to wear a swim cap. Wearing a swim cap enhances your safety and swimming experience.
- Make sure that there are no people near the suction and outflow area of the turbine before turning on the EVAstream.
- The suction of water takes place around the machine.
  Always make sure that the suction parts are completely free of obstacles.
  These parts of the machine must never be closed or blocked in any way.
  This not only provides an adequate supply of water, but it also ensures that the suction power always remains within the required levels (EN 13451-1/3).
- When operating the EVAstream, always ensure that the machine and pool in which it is located are in sight.
- Make sure that toys and small parts have been removed from the water and the bottom of the pool before switching on the EVAstream.
- Always maintain a sufficient distance from the EVAstream for your safety.
  Sufficient distance is at least 50 cm on both the front and the sides.
- Consider the force of the flow when using the EVAstream.
  Adjust the speed to the strength and skill of the user.
- Ensure that no people stand, sit, or otherwise place weight on the machine.
- Never submerge the battery control unit of the EVAstream. The battery control unit should always be kept dry.

11. WATER VALUES

The user of the EVAstream is responsible for providing the right conditions for an optimal product life cycle. To fulfil the warranty conditions, the EVAstream should only be used in pools with a water composition within the following limits:

- Water temperature: +1°C to +35°C
- pH value: 6.8 – 7.8
- Maximum chlorine levels for water:
  - Indoor swimming pool – Free available chlorine (FAC): 0.5 ≤ VBC ≤ 1.5 mg/l
  - Open-air swimming pool >= 20 m^2 – Free available chlorine (FAC): 0.5 ≤ VBC ≤ 3.0 mg/l
  - Open-air swimming pool < 20 m^2 – Free available chlorine (FAC): 0.5 ≤ VBC ≤ 5.0 mg/L
  - All basins – Bound available chlorine: < 0.6 mg/l
- The basin and the available accessories must be free of electrolysis.
- Installation housing must be properly earthed to prevent electrolysis.
- Cyanuric acid: ≤ 100 mg/l
- Metals: ≈ 0 mg/l
- Carbonate hardness: ≥ 2°dH (°dH = mmol/l x 2.8); (°eH =mmol/l x 3.5); (°fH = mmol/l x 5.0)
- Ozone: 0 mg/l
- Chlorite + chlorate: ≤ 30 mg/l
- Redox potential: ≥ 700 mV

12. ENVIRONMENTAL CONDITIONS FOR EVASTREAM USE

12.1 Ambient temperature of power supply box (mounted in a dry, condensation-free room)

0°C to 32°C

12.2 Water temperature

+1°C to +35°C

EVA Tech B.V.
de Velde 1
8064 PH Zwartsluis
The Netherlands
+31 (0)38 - 33 75 067
info@evaoptic.com
evaoptic.com