

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 W: 3.00 meter	L: 4.50 meter W: 3.00 meter
Water temperature	5°C to 35°C	5°C to 35°C
IP rating	IPX	IPX
Cable type	3x1x16 mm ²	3x1x16 mm ²
Cable length	Standard cable length 5 meter. Extend with 3x 1x25 mm ²	Standard cable length 5 meter. Extend with 3x 1x25 mm ²
Warranty	2 years factory warranty	2 years factory warranty
Recommended use	Recreational swimmer	Experienced swimmer
Flow rate capacity	Max. 225 m ³ / h (adjustable flow)	Max. 350 m ³ / 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



Configuration machine	double-engine machine
Minimum pool dimensions	L: 5.50 meter W: 3.00 meter
Water temperature	5°C to 35°C
IP rating	IPX
Cable type	2x 3x1x16 mm ²
Cable length	Standard cable length 5 meter. Extend with 6x 1x25 mm ²
Warranty	2 years factory warranty
Recommended use	Maximum swimming experience
Flow rate capacity	Max. 2x 225 m ³ / h (adjustable flow)
Max. water speed at outlet	2x 5.5 m/s
Max. waterflow speed swimzone	0:55 sec. per 100 meter

EVAstream niche PP

For all pools



Polypropylene housing
Stainless steel 316 mouting edge

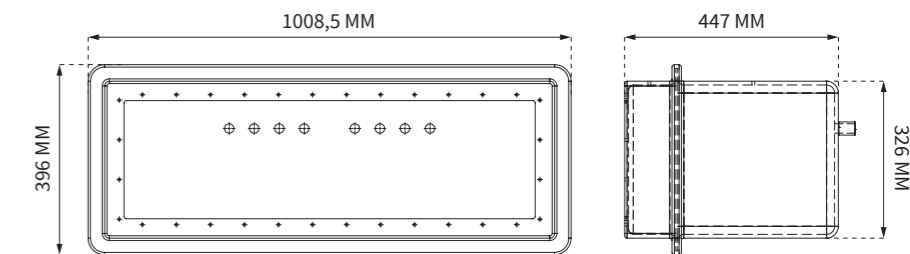
EVAstream niche Poly

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



Polypropylene housing
Stainless steel 316 mouting edge

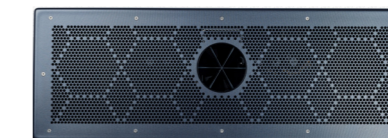
EVAstream recessed mounting dimensions



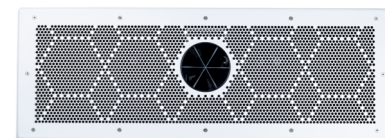
*Dimensions niche POLY: 1008 x 396 mm

Frontplate

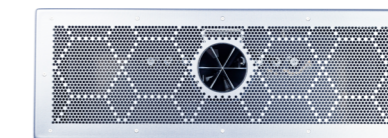
W: 960 mm, H: 340 mm, D: 18 mm



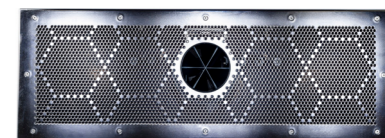
Front plate Hexagone ABS
Anthracite



Front plate Hexagone ABS
White



Front plate Hexagone 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.