

EVastream PRO - recessed mounted

Factsheet

EVastream - Turbine

EVastream PRO



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

EVastream - AC/DC Power supply

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

EVastream - Motor control unit

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

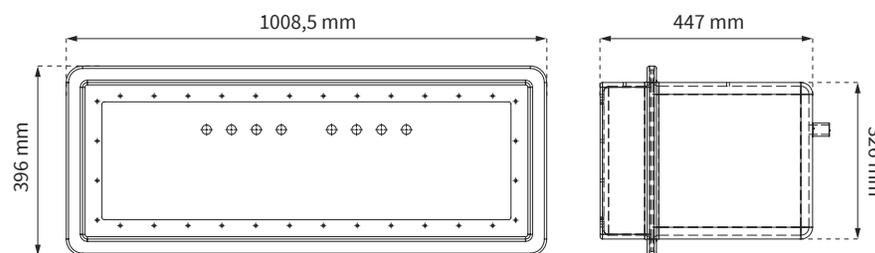
Niche with 3 degrees angle for
Monoblock pools with a draft angle



Polypropylene housing

Stainless steel 316 mouting edge

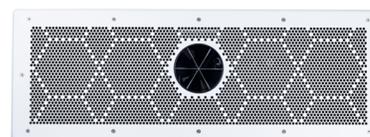
EVastream recessed mounting dimensions



*Dimensons niche POLY: 1008 x 396 mm

Frontplate

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



Front plate Hexagone ABS

White

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.