

EVAstream

Factsheet - 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 min. per 100 meter	1:40 min. per 100 meter
Minimum pool dimensions	4,5 x 2,5 x 1,2 meter (LxWxH)	4,5 x 2,5 x 1,2 meter (LxWxH)
Salt electrolysis	0.3% (all components must be grounded)	0.3% (all components must be grounded)
Warranty	2 years factory warranty	2 years factory warranty

Motor Control Unit

Dimensions	314 x 90 x 82 mm (LxWxH)	319 x 103 x 91 mm (LxWxH)
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
Noise level (distance 1m at 100% power)	31 dB	31 dB
Safety measures	Short circuit, overload, over voltage, over temperature, Voltage/current control, Mosfet temperature control	Short circuit, overload, over voltage, over temperature, 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

Turbine

Number of turbines	1 turbine	1 turbine
Cable type	3x1x16 mm ²	3x1x16 mm ²
Cable length	8 or 16 meter, extendable to max. 35 meters with 16mm ² extra fine wire	8 or 16 meter, extendable to max. 35 meters with 16mm ² extra fine wire
IP rating	IPX8	IPX8
Motor type	Brushless motor	Brushless motor
Water temperature	5°C to 35°C	5°C to 35°C
Noise level (distance 1m at 100% power)	29 dB	29 dB

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Factsheet - 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 min. per 100 meter	1:15 min. per 100 meter
Minimum pool dimensions	4,5 x 2,5 x 1,2 meter (LxWxH)	4,5 x 2,5 x 1,2 meter (LxWxH)
Salt electrolysis	0.3% (all components must be grounded)	0.3% (all components must be grounded)
Warranty	2 years factory warranty	2 years factory warranty

Motor Control Unit

Dimensions	380 x 90 x 96 mm (LxWxH)	360 x 182 x 117 mm (LxWxH)
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
Noise level (distance 1m at 100% power)	38 dB	38 dB
Safety measures	Short circuit, overload, over voltage, over temperature, Voltage/current control, Mosfet temperature control	Short circuit, overload, over voltage, over temperature, 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

Turbine

Number of turbines	1 turbine	2 turbines
Cable type	3x1x16 mm ²	3x1x16 mm ²
Cable length	8 or 16 meter, extendable to max. 30 meters with 16mm ² extra fine wire	8 or 16 meter, extendable to max. 25 meters with 16mm ² extra fine wire
IP rating	IPX8	IPX8
Motor type	Brushless motor	Brushless motor
Water temperature	5°C to 35°C	5°C to 35°C
Noise level (distance 1m at 100% power)	29 dB	32 dB

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Factsheet - 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 min. per 100 meter	1:05 min. per 100 meter
Minimum pool dimensions	4,5 x 2,5 x 1,2 meter (LxWxH)	4,5 x 2,5 x 1,2 meter (LxWxH)
Salt electrolysis	0.3% (all components must be grounded)	0.3% (all components must be grounded)
Warranty	2 years factory warranty	2 years factory warranty

Motor Control Unit

Dimensions	380 x 90 x 96 mm (LxWxH)	360 x 182 x 117 mm (LxWxH)
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
Noise level (distance 1m at 100% power)	38 dB	41 dB
Safety measures	Short circuit, overload, over voltage, over temperature, Voltage/current control, Mosfet temperature control	Short circuit, overload, over voltage, over temperature, 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

Turbine

Number of turbines	1 turbine	2 turbines
Cable type	3x1x16 mm ²	3x1x16 mm ²
Cable length	8 or 16 meter, extendable to max. 25 meters with 16mm ² extra fine wire	8 or 16 meter, extendable to max. 25 meters with 16mm ² extra fine wire
IP rating	IPX8	IPX8
Motor type	Brushless motor	Brushless motor
Water temperature	5°C to 35°C	5°C to 35°C
Noise level (distance 1m at 100% power)	32 dB	32 dB

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Factsheet - Niche & Cover plate

EVAstream niche	
Material	Sound-dampening PP material
Installation depth	25 - 28 cm from the water surface to the centre of the turbine
Protective cable tube	8 connections 30 mm
Swivel	M20

PP niche

Dimensions	962 x 341 x 472 (LxWxH)
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PP poly niche

Dimensions	962 x 341 x 449 (LxWxH)
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