

AFC1200



Product description

The innovative *Abyzz Flow Cannon AFC1200* with its high-end design including a titanium rotor unit, titanium mounting frame and glass fibre parts next to durable plastics consists of the pump itself and a powerful and programmable driver. Containing a very energy efficient motor and providing the exact adjustment for your application, it offers a very energy-saving solution.

The integrated bearing flushing provides optimum protection against calcification and, in conjunction with the silicon carbide bearings and special hard metal shaft, ensures low-maintenance operation.

All metal parts are made out of titanium grade 2 and other parts are made out of high quality PA, PVC and glass fibre. This composition ensures a long lifetime, thus granting highest sustainability and lowest carbon footprint. Several mounting options are offered to suit any needs and due to many available mounting points, even a customer specific mounting can be done very easily. The special three-bladed prop and a well designed hydraulic lets the pump operate with almost no noise or vibration. An additional coat flow ring provides low output speed and a softened laminar flow. Easy programming (as in any Abyzz pump) and the possibility to link to external controllers offers a wide field of application.

The materials used are designed to have a long lifetime and meet the highest requirements and quality standards. This product is developed and manufactured in Germany by venotec.

„Made in Germany“

Warranty

The pump has a 1 year manufacturer warranty, after registration without additional costs the warranty is changed to a 10 year limited lifetime warranty according to our warranty rules.

Special features

- Variable speed range (0 - 100%)
- Programmable control system (e.g. wave and random modes)
- Comprehensive safety functions (e.g. dry run, temperature and overcurrent protection)
- Soft startup
- Bus interface for peripheral devices
- Lockable plug contacts
- Low-noise operation
- Wide range of mounting options
- Rock-stable mounting available (not included)

Applications

- Freshwater and seawater aquaristics
- Ponds
- Large scale aquariums
- Shark tanks

Technical data

Mounting only submersed, minimum submersion depth 0,6m.

Flow (nominal)	: 460.000 l/h	(2000 gpm)
Flow (max.)	: 550.000 l/h	(2400 gpm)
Discharge speed (max.)	: 4,5m/s	(13ft/s)
Power consumption	: 4...1200W	
Operating voltage	: 100...240V~	
Operating frequency	: 50...60Hz (mains)	
Ambient temperature	: +2°C...+40°C (driver)	
Immersion depth (max.)	: 8m	
Cable length (pump)	: 10m (other lengths upon request)	

Scope of delivery

- Abyzz AFC1200 pump and IPU driver
- Power cable and connection cable
- Operation manual (download)