



Overview

The Octo VarioS VarioS 10 Circulation Pump is the latest water pump from the prestige line of VarioS Controllable DC Pumps from Reef Octopus. Much like other VarioS pumps, the VarioS 10 features a detachable controller, a high-quality ceramic shaft and bearings to reduce wear and tear, and the latest variable speed flow technology for refined control, enhanced performance, energy efficiency, and safer operations.

Unlike the vast majority of circulation pumps which use alternating current (AC), the VarioS 10 pump boasts several key advantages over traditional AC pumps, namely, higher energy efficiency, safer operations at a working voltage of 36V, less heat produced with every volume of water flow and most notably, the variable speed control to adjust the flow rate. Best of all, the VarioS 10 is a pressure-rated pump capable of an impressive head height of nine meters, which is nearly thirty feet. Great for multi-level installations or pressure-rated feed pump applications.

With the bespoke controller, users have full control over the flow rates by selecting 90 preset speed settings, indicated within by its built-in display panel, which also allows the user to view both the wattage and RPM of the pump in real-time. A 15 or 60-minute feed mode can also be engaged or disengaged with the push of a button.

Features & Benefits

- 1 PC+PET/50058 (Eastman Chemical) specifically formulated commercial grade material meant to withstand the corrosiveness of sea water
- 2 Internally moulded waterways to further enhance pump cooling ability
- 3 Anti-friction design for a much lower rolling resistance to increase efficiency
- 4 Stator coiling is designed and developed in-house to ensure reliable and stable performance
- 5 PA66-8018L (Dupont) commercial-grade rotor with titanium encapsulated magnet
- 6 Aluminium oxide ceramic shaft and bushings for quieter and stable operation
- 7 Slotless brushless motor produces higher torque and minimizes vibration
- 8 No electronic components within the pumps body for enhanced reliability



Engineered for High-pressure Applications



Internal or External Installations



Super Quiet Operation



0-10V
3rd Party 0-10V Controller Capable



Safe and Efficient
DC



Variable Speed Control Settings



Float Switch Capability^



Safe for Both Freshwater & Marine



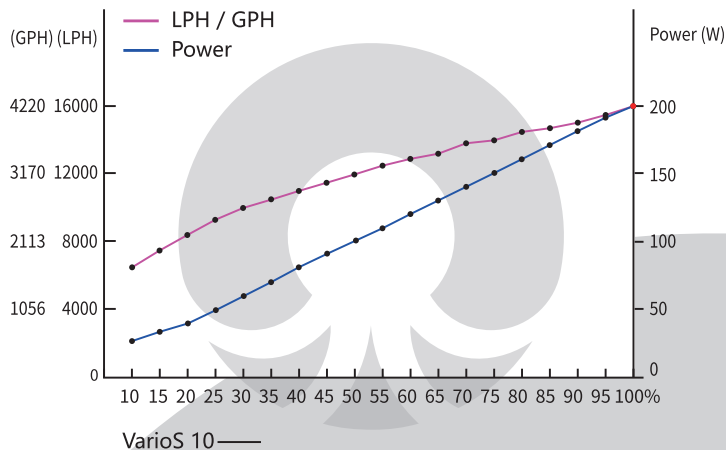
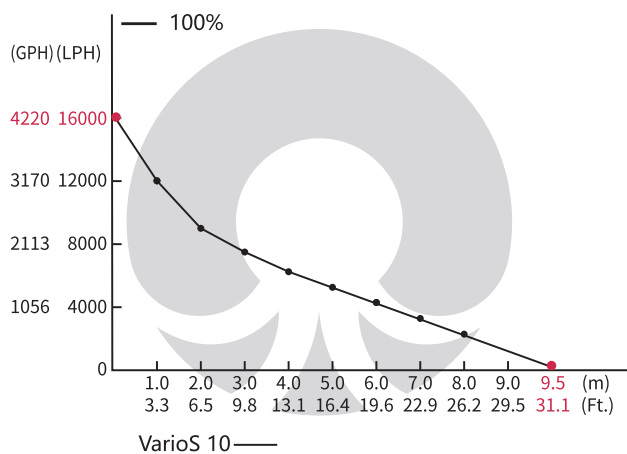
5 YEAR LIMITED WARRANTY

*Results will vary depending on aquarium setup. ^Sold separately with V10 model

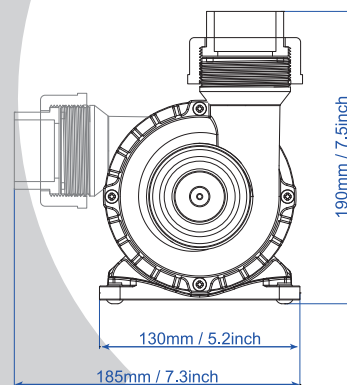
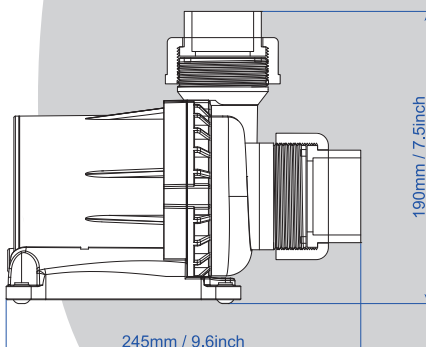
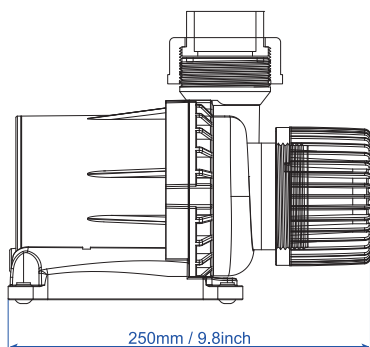
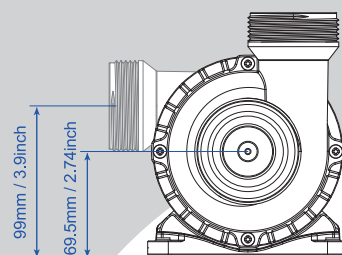
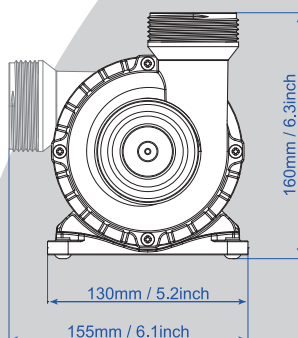
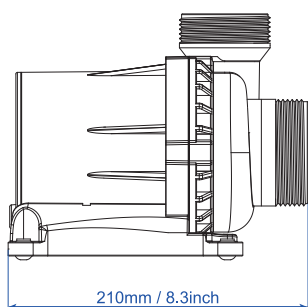
All images shown are for illustration purposes only. Actual product may vary due to product enhancement.



Flow Rate Chart



Pump Dimensions



Product Specification

Item #	Product	Power	Wet/Dry	Wattage	Maximum Head Height		Maximum Flow Rate		Connection Size		Fresh Water/Marine	Maximum Immersion Depth		Pump Cable Length		AC/DC Adapter Cable Length		Power Cable Length		Pump Ambient Temp		Controller Ambient Temp	
				W	m	Ft.	LPH	GPH	Inlet	Outlet		m	Ft.	m	Ft.	m	Ft.	m	Ft.	°C	°F	°C	°F
9010108	VarioS 10	DC 36V	Both	24-200	9.0	29.5	16000	4220	Φ50mm 1-1/2"	Φ40mm 1-1/4"	Both	1.8	5.9	5.0	16.4	1.0	3.3	1.5	4.9	1-40	33-104	0-30	32-86