



by REEF OCTOPUS

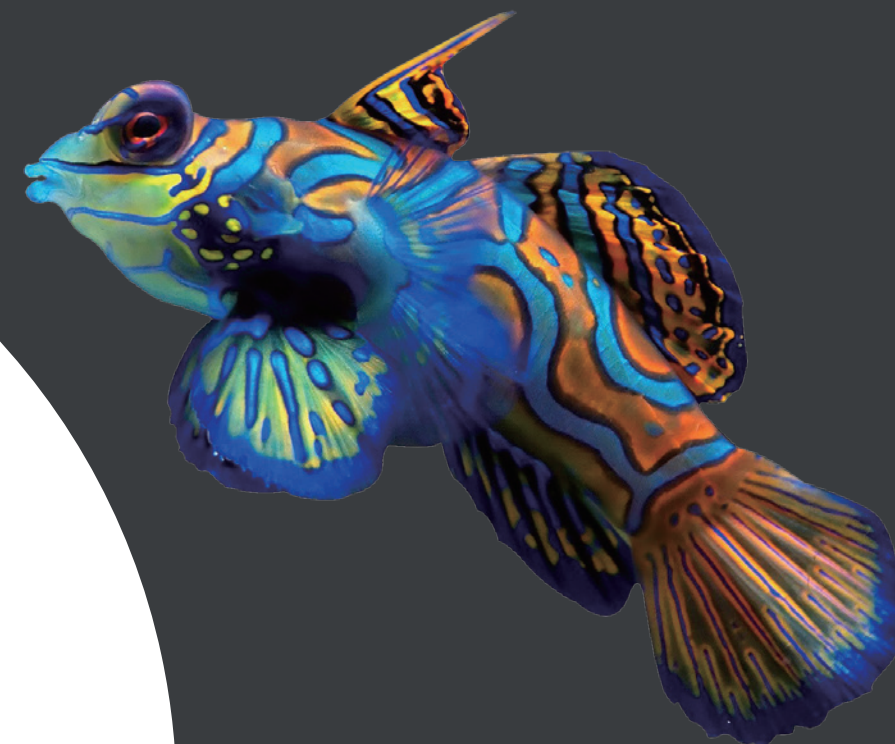
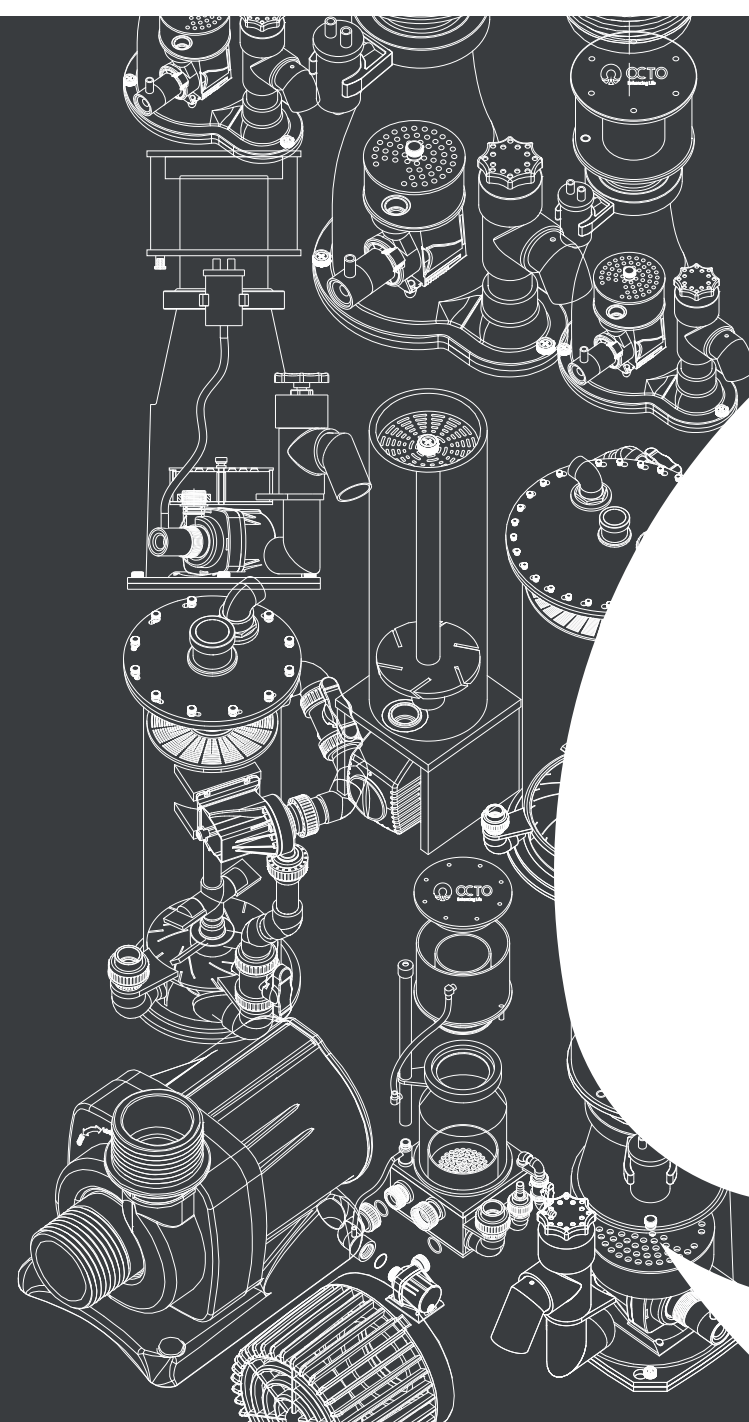
MASTER PRODUCT CATALOGUE

The Marine Specialist



MASTER

PRODUCT CATALOGUE





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ABOUT US

Company Background

Founded in 2005, Honya Co. Ltd started with a vision to produce high quality products for the marine industry. After more than a decade, we now have one of the widest range of protein skimmers under the brand OCTO, which is globally recognised by hobbyists and professionals alike for its product quality and reliability.

In our effort to enhance the efficiency and reliability of our protein skimmers, we took the bold step to design and produce our own BLDC skimmer pumps, specifically engineered to meet the high demands of a protein skimmer. Consequently becoming the first skimmer manufacturer in the world to produce our skimmers and pump completely in-house.

Started as a manufacturer of home aquarium protein skimmers, with the recognition of our product quality and efficiency in the market, we now also design and produce commercial skimmers for public aquariums and aquaculture projects.

Product Development

Driven by a shared passion for marine life amongst our management and employees, we actively engage in research and development (R&D) to continuously improve our products as well as develop new ones; with the goal of creating a thriving marine ecosystem in an enclosed environment.

In addition to our core business in marine aquarium products, we are also involved in the commercial aquaculture sector using our customised water purification system which produces a higher yield without the need of supplements.

Vision

To be THE marine specialist producing high quality, innovative and user-centred designed aquatic products.

Mission

To ensure the sustainability of the natural marine ecosystem for the future generation, by enhancing the living environment for marine organisms while creating a sense of joy and tranquillity for human beings.



Concept of Our Logo

Octopus is a Cephalopod mollusc of the order Octopoda. The octopus' characteristics of being one of the most intelligent and behaviourally flexible of all invertebrates signifies our vision to develop intelligent and user-centred designed (UCD) products, while being flexible to adapt to the market environment.

The octopus' 8 tentacles represent our product development philosophy to meet and exceed the diverse needs of customers globally.

Evolution of Our Logo

Our logo has evolved along with the growth of the company – from a live octopus to a graphical design with a new font portraying a cleaner, modern and high quality image, which echoes our current outlook on product development. This also symbolises our leap to the next decade; in the direction towards manufacturing contemporary and user-centred designed (UCD) products, which can be witnessed with the launch of the OCTO series.



Our New Logo

Our logo illustrates an octopus hugging the globe with its tentacles, 4 at the front and 4 hidden at the back, reflecting our mission of embracing the world and its ocean and to ensure its long term sustainability even in areas not obvious to the eye.

The red colour signifies Honya' s vibrancy and shared passion in producing quality products.

The slogan “Enhancing Life” represents our philosophy in the company; to enhance the life of the marine organisms within the aquarium and at the same time enhance the life of individuals, by creating a sense of joy and tranquillity when they see a stunning and fascinating habitat within an aquarium, with the use of our products.



10 over years of cumulative experience in the design and manufacturing of Skimmers, our S-130 are loaded with innovative human centric features.

16 Steps Water Outlet Adjustments to ensure that fine tuning of water output adjustments is possible. Design with special slanting cut grooves to ensure an even outflow which minimises splashes.

25 Angled Grooves + Apertures on the Bubble Plate for maximising constant micro air bubbling, with a Vortex churn effect which extends reaction time.

4 Quick Releases at the Base Plate of the Skimmer allow User to quickly and conveniently access the inner body of the Skimmer, no Screwdriver needed.

4 Ultra Durable Silicon Rubber Base Attachments (Feet) are attached to the Base Plate, effectively reduces vibration and noise.

FEATURES & BENEFITS

- Twist & Lift Collection Cup for Easy Maintenance
- Quieter Operation with Integrated Detachable Silencer Collar
- Dome Bubble Chamber with Angled Apertures for Extended Reaction Time
- Quick Release Tabs Offer Convenient Access to the Inner Body
- 360° Submerged Water Output Provides a Quiet Splash-Free Discharge
- Calibrated Click Dial Water Output Adjustment
- Elegant Full Tapered Wine-Shaped Body
- Remarkably Compact Footprint
- Quiet, Reliable and Efficient AQ Pinwheel Pump



"Twist & Lift" Collection Cup

DID YOU KNOW?
We are the first protein skimmer manufacturer in the world that designs and produces our own skimmer pumps. Our skimmer pumps have been specifically engineered to enhance and increase the efficiency of our protein skimmer.



Dome Bubble Chamber



Calibrated 16 steps



Quick Release Tabs

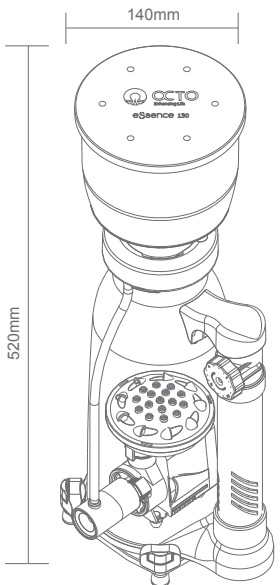
OCTO eSsence 130

by REEF OCTOPUS

eSsence 130



Dimension



OCTO eSsence 130 Space Saving Skimmer

Item No.	Product	Wet/ Dry	Pump Power	Cup Diameter		Neck Diameter		Footprint		Height		Output	Size	Tank Volume	
				mm	inch	mm	inch	mm	inch	mm	inch			L	US Gal
			W												
			50Hz 60Hz												
120501	S-130	Wet	10 11	140	5.5	60	2.4	210	175	8.2	6.8	520	20.5	Φ 40 mm (1-1/4")	600 160

Skimmer Pump

Product	Model No.	Wet/Dry	Air Intake				Power		Maximum Flow Rate				Connection Size (outlet)
			50Hz		60Hz		50Hz	60Hz	50Hz		60Hz		
			LPH	GPH	LPH	GPH	W	W	LPH	GPH	LPH	GPH	
S-130	AQ-1800S	Both	480	127	511	135	10	11	530	140	530	140	Φ25 (3/4")

Over a decade of proven reliability

Featuring a small footprint, the OCTO series Classic Space Saving Skimmer is an in-sump protein skimmer ideal for aquarium with limited sump space. It is run by our very own AQ pump, encased in a solid acrylic body, can be easily disassembled for maintenance and does not require a feed pump as it draws water directly from the sump.

Available in 4 models – Classic 110-S and Classic 150-S features a straight body with a vented valve output whilst Classic 152-S and Classic 202-S features a wine-shaped smooth cone body with a precision control gate valve.

FEATURES & BENEFITS

- Ultra compact, superior performance
- AQ pump specifically made for protein skimmer
- Output designed for bubble-free outflow
- Quiet operation
- High quality hand-made acrylic construction
- Sleek wine bottle shaped smooth cone body*
- Waste drainage*
- Easy maintenance



Quiet operation

DID YOU KNOW?
We are the first protein skimmer manufacturer in the world that designs and produces our own skimmer pumps. Our skimmer pumps have been specifically engineered to enhance and increase the efficiency of our protein skimmer.

Output designed for bubble-free outflow



Adjustment dial for precision control

Classic Space Saving Skimmer



Classic 110-S



Classic 150-S

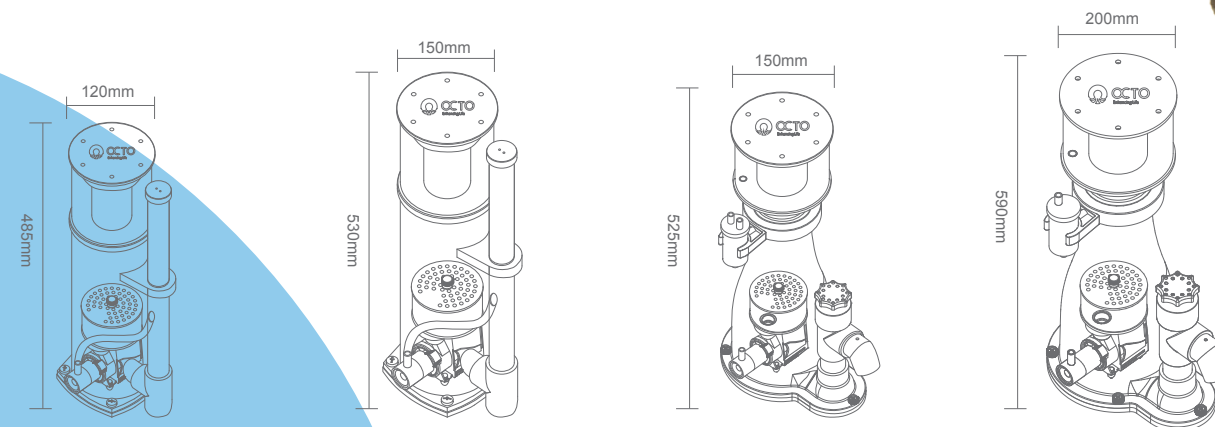


Classic 152-S



Classic 202-S

Dimension



OCTO Classic Space Saving Skimmer

Item No.	Product	Wet/Dry	Pump		Cup Diameter		Neck Diameter		Footprint		Height		Output Size	Tank Volume	
			W	W	mm	inch	mm	inch	mm	inch	mm	inch		L	US Gal
120101	Classic 110-S	Wet	8	9	120	4.7	60	2.4	200	155	7.9	6.1	Φ 32 mm (1")	500	132
120102	Classic 150-S	Wet	17	18	150	5.9	80	3.2	240	185	9.5	7.3	Φ 40 mm (1 - 1/4")	800	211
120103	Classic 152-S	Wet	10	11	150	5.9	80	3.2	265	205	10.4	8.1	Φ 40 mm (1 - 1/4")	600	158
120104	Classic 202-S	Wet	35	35	200	7.9	120	4.7	315	255	12.4	10	Φ 40 mm (1 - 1/4")	1000	264

*152 & 202 only

Skimmer Pump

Product	Model No.	Wet/Dry	Air Intake				Power		Maximum Flow Rate				Connection Size (outlet)
			50Hz		60Hz		50Hz	60Hz	50Hz		60Hz		
			LPH	GPH	LPH	GPH	W	W	LPH	GPH	LPH	GPH	
Classic 110-S	AQ-1000S	Both	420	111	454	120	8	9	350	92	350	92	Φ25 (3/4")
Classic 150-S	AQ-2000S	Both	720	190	719	190	17	18	750	198	750	198	Φ25 (3/4")
Classic 152-S	AQ-1800S	Both	480	127	511	135	10	11	530	140	530	140	Φ25 (3/4")
Classic 202-S	AQ-3000S	Both	880	232	871	230	35	35	800	211	800	211	Φ32 (1")

Over a decade of proven reliability



Featuring a small footprint, the OCTO series Classic an in-sump protein skimmer ideal for aquariums with limited sump space. Classic Skimmers features high-quality cast acrylic body construction, easy disassembly for maintenance and is run by our very own “air shredding” AQ pump. A feed pump is not required as water is drawn directly from the sump.

Available in 3 models – Classic 110-INT, 150-INT and 200-INT features hybrid conical body with a vented valve output and a precision control gate valve.

FEATURES & BENEFITS

- Superior in-sump performance
- AQ pump specifically made for protein skimmer
- Precision water level control output valve
- Quiet operation
- High quality hand-made acrylic construction
- Waste drainage
- Easy maintenance



Easy to Remove Cup

DID YOU KNOW?
We are the first protein skimmer manufacturer in the world that designs and produces our own skimmer pumps. Our skimmer pumps have been specifically engineered to enhance and increase the efficiency of our protein skimmer.



Precision Water Level Control Output Valve



Quiet operation

Classic Internal Skimmer



Classic 110-INT

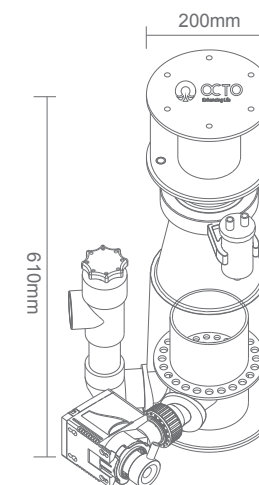
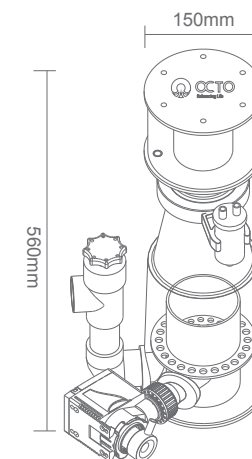
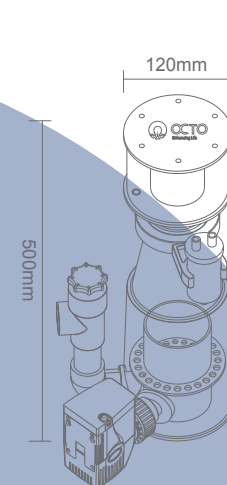


Classic 150-INT



Classic 200-INT

Dimension



OCTO Classic Internal Skimmer

Item No.	Product	Wet/Dry	Pump		Cup Diameter		Neck Diameter		Footprint		Height		Output Size	Tank Volume	
			W	W	mm	inch	mm	inch	mm	inch	mm	inch		L	US Gal
			50Hz	60Hz											
120105	Classic 110-INT	Wet	8	9	120	4.7	60	2.4	260	175	10.2	6.9	500	132	
120106	Classic 150-INT	Wet	17	18	150	5.9	80	3.2	315	220	12.4	8.7	800	211	
120107	Classic 200-INT	Wet	35	35	200	7.9	120	4.7	370	260	14.6	10.2	1200	317	

Skimmer Pump

Product	Model No.	Wet/Dry	Air Intake				Power		Maximum Flow Rate				Connection Size (outlet)	
			50Hz		60Hz		50Hz	60Hz	50Hz		60Hz			
			LPH	GPH	LPH	GPH	W	W	LPH	GPH	LPH	GPH		
Classic 110-INT	AQ-1000S	Both	420	111	454	120	8	9	350	92	350	92	Φ25 (3/4")	
Classic 150-INT	AQ-2000S	Both	720	190	719	190	17	18	750	198	750	198	Φ25 (3/4")	
Classic 200-INT	AQ-3000S	Both	880	232	871	230	35	35	800	211	800	211	Φ32 (1")	



Featuring a small footprint, the OCTO series Classic an out-of-ump protein skimmer. Classic Skimmers features high-quality cast acrylic body construction, easy disassembly for maintenance and is run by our very own "air shredding" AQ pump. A feed pump is required as water is drawn directly from the sump.

Available in 2 models – Classic 110-EXT and 150-EXT features hybrid conical body with a vented valve output and a precision control gate valve.

FEATURES & BENEFITS

- Superior out-of-ump performance
- AQ pump specifically made for protein skimmer
- Output designed for bubble-free outflow
- Quiet operation
- High quality hand-made acrylic construction
- Waste drainage
- Easy maintenance



Easy to Remove Cup



Quiet operation



Precision Water Level Control Output Valve

DID YOU KNOW?
We are the first protein skimmer manufacturer in the world that designs and produces our own skimmer pumps. Our skimmer pumps have been specifically engineered to enhance and increase the efficiency of our protein skimmer.

Over a decade of proven reliability

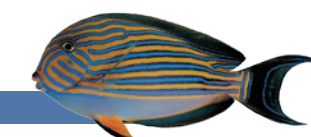
Classic External Skimmer



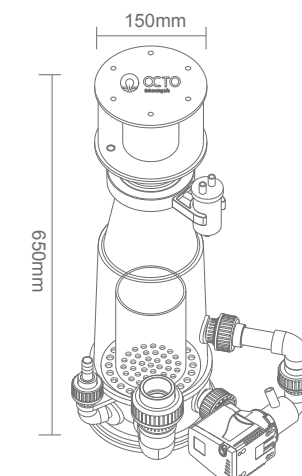
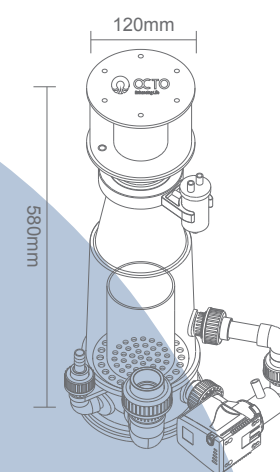
Classic 110-EXT



Classic 150-EXT



Dimension



OCTO Classic External Skimmer

Item No.	Product	Wet/Dry	Pump Power		Cup Diameter		Neck Diameter		Footprint				Height		Output Size	Water Inlet Size				Tank Volume		Feed Pump Suggestion	
			W	W	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch		mm	inch	mm	inch	L	US Gal	LPH	GPH
			50Hz	60Hz													mm	inch	mm	inch			
120108	Classic 110-EXT	Dry	8	9	120	4.7	60	2.4	265	235	10.4	9.3	580	22.9	Φ40 mm (1 - 1/4")	20	1/2	13	0.51	500	132	1000	264
120109	Classic 150-EXT	Dry	17	18	150	5.9	80	3.2	310	265	12.2	10.4	650	25.6	Φ40 mm (1 - 1/4")	20	1/2	17	0.67	800	211	2000	528

Skimmer Pump

Product	Model No.	Wet/Dry	Air Intake				Power		Maximum Flow Rate				Connection Size (outlet)
			50Hz		60Hz		50Hz	60Hz	50Hz		60Hz		
			LPH	GPH	LPH	GPH	W	W	LPH	GPH	LPH	GPH	
Classic 110-EXT	AQ-1000S	Both	420	111	454	120	8	9	350	92	350	92	Φ25 (3/4")
Classic 150-EXT	AQ-2000S	Both	720	190	719	190	17	18	750	198	750	198	Φ25 (3/4")



Over a decade of proven reliability

OCTO Classic Hang-On Back Classic skimmers are a proverbial favourite. With its unique design, the pump is mounted externally and under the actual skimmer body (90-HOB, 1000-HOB and 2000-HOB) allowing for much less room needed behind the aquarium and less heat-to-water exchange.

The OCTO Classic series HOB is constructed of high-quality acrylic and equipped with the new highly efficient AQ pinwheel pump that produces an ideal mix of water and air for optimal waste removal.

Available in 5 models – Classic 2000-HOB, 1000-HOB, 100-HOB, 90-HOB and NS-80.

FEATURES & BENEFITS

- External hang-on back protein skimmer
- Ultra-efficient AQ skimmer pump
- Enhanced performance
- Easy to assemble and maintain



Defoaming Device



DID YOU KNOW?

We are the first protein skimmer manufacturer in the world that designs and produces our own skimmer pumps. Our skimmer pumps have been specifically engineered to enhance and increase the efficiency of our protein skimmer.

Externally Mounted Pump



Adjustable Surface Skimmer



Classic Hang-On Back Skimmer



Classic 2000-HOB



Classic 1000-HOB



Classic 100-HOB

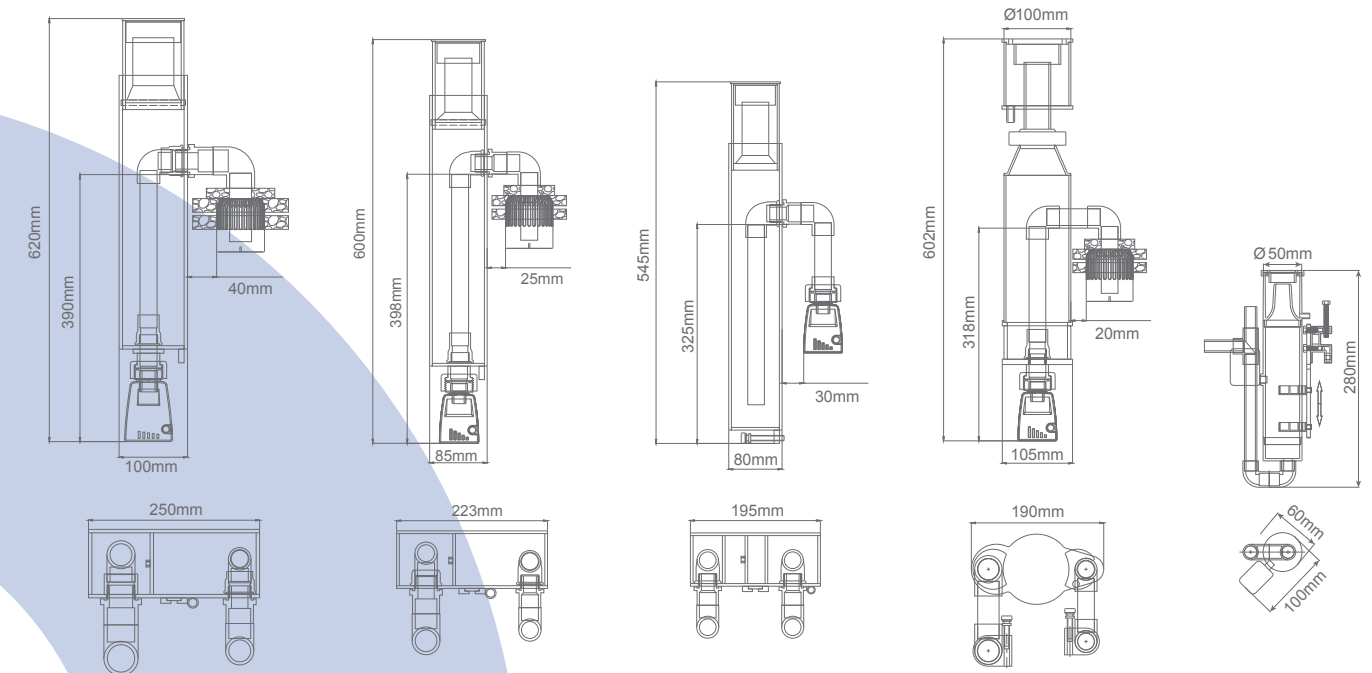


Classic 90-HOB



Classic NS-80

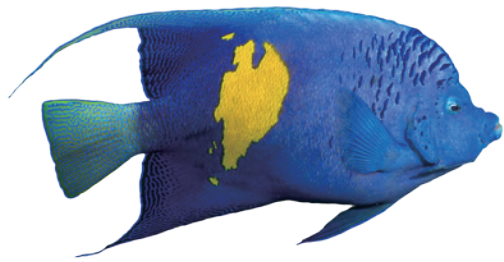
Dimension



OCTO Classic Hang-On Back Skimmer

Item No.	Product	Wet/ Dry	Fit Pump	Air Intake				Power		Maximum Flow Rate				Output Size	Tank Volume	
				50Hz		60Hz		50Hz	60Hz	50Hz		60Hz			L	US Gal
				LPH	GPH	LPH	GPH	W	W	LPH	GPH	LPH	GPH			
120113	Classic 2000-HOB	Dry	AQ-2000S	720	190	719	190	17	18	750	198	750	198	Φ40mm	500-800	132-211
120112	Classic 1000-HOB	Dry	AQ-1000S	420	111	454	120	8	9	350	92	350	92	Φ32mm	300-500	79-132
120111	Classic 100-HOB	Wet	AQ-1000S	420	111	454	120	8	9	350	92	350	92	Φ25mm	50-400	13-105
120114	Classic 90-HOB	Dry	AQ-1000S	420	111	454	120	8	9	350	92	350	92	Φ32mm	300-500	79-132
120116	Classic NS-80	Wet	OTP-200S	-	-	-	-	5	5	200	52.8	200	52.8	Φ16mm	0-100	0-26

Silent, Reliable and Controllable



Featuring a small footprint, the OCTO series Regal space saving skimmer (Regal-S) is an in-sump protein skimmer ideal for aquarium with limited sump space. Regal-S further features high-quality cast acrylic body construction, easy disassembly for maintenance, a precision control gate valve and a hybrid conical body which helps to naturally stabilise and concentrate the organic rich foam as it rises.

In addition, Regal-S is run by our very own controllable VarioS skimmer pump which features a pinwheel impeller, a detachable controller, high quality ceramic shaft and bearing 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 uses alternating current (AC), our VarioS pump boasts several key advantages over traditional AC pump, namely, higher energy efficiency, safer operations at a working voltage of 24V and most notably, the variable speed control to adjust the ideal mix of air and water flow into the skimmer.

Enhanced Control

With the VarioS controller, user has control over the flowrate by selecting amongst five preset speed settings; indicated by five lit LEDs. A 15 or 60 minutes feed mode can also be engaged or disengaged with the push of a button.

A rotatable output volute orientation allows for adjustment horizontally or vertically for placement flexibility.

Under normal usage, VarioS pump has an expected lifespan/product life expectancy of 10 years.

Available in 4 models – Regal 150-S, Regal 200-S, Regal 250-S and Regal 300-S.

FEATURES & BENEFITS

- Ultra compact , superior performance
- VarioS DC pump specifically made for protein skimmer
- Controllable and variable speed DC pump for energy-efficient and silent operation
- Float switch monitor
- High quality hand-made solid cast acrylic construction
- Hybrid conical body for better foam fractionation
- Over size collection cup with waste drainage
- High volume air intake
- Easy maintenance



DID YOU KNOW?

We are the first protein skimmer manufacturer in the world that designs and produces our own skimmer pumps. Our skimmer pumps have been specifically engineered to enhance and increase the efficiency of our protein skimmer.



Regal Space Saving Skimmer



Regal 150-S



Regal 200-S

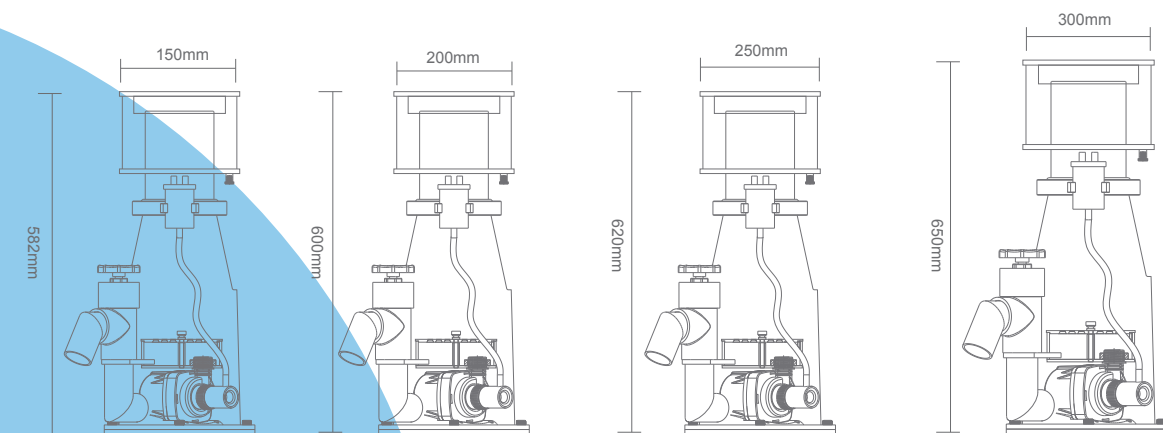


Regal 250-S



Regal 300-S

Dimension



OCTO Regal Space Saving Skimmer

Item No.	Product	Wet/ Dry	Pump Power	Cup Diameter		Neck Diameter		Footprint				Height		Output	Size	Tank		Volume	
				mm	inch	mm	inch	mm		inch		mm	inch			L	US	Gal	
120201	Regal 150-S	Wet	25	150	5.9	80	3.2	230	190	9.1	7.5	582	22.9	Φ 40 mm (1-1/4")	800	211			
120202	Regal 200-S	Wet	40	200	7.9	120	4.7	295	245	11.6	9.7	600	23.6	Φ 50 mm (1-1/2")	1500	396			
120203	Regal 250-S	Wet	70	250	9.9	140	5.5	350	295	13.8	11.6	620	24.4	Φ 50 mm (1-1/2")	2400	634			
120204	Regal 300-S	Wet	70	300	11.8	170	6.7	385	330	15.2	13.0	650	25.6	Φ 50 mm (1-1/2")	2800	739			

Skimmer Pump

Product	Model No.	Wet/Dry	Power	Max Air Intake		Maximum Flow Rate		Connection Size (outlet)
				LPH	GPH	LPH	GPH	
Regal 150-S	VarioS 2-S	Both	25	900	238	900	238	Φ32 (1")
Regal 200-S	VarioS 4-S	Both	40	1500	396	1600	422	Φ32 (1")
Regal 250-S	VarioS 6-S	Both	70	2400	634	2000	528	Φ40 (1-1/4")
Regal 300-S	VarioS 6-S	Both	70	2400	634	2000	528	Φ40 (1-1/4")

Silent, Reliable and Controllable

OCTO series Regal internal protein skimmer (Regal-INT) is an in-sump protein skimmer featuring high-quality cast acrylic body construction, easy disassembly for maintenance, a precision control gate valve and a hybrid conical body which helps to naturally stabilise and concentrate the organic rich foam as it rises.

Regal-INT is run by our very own controllable VarioS skimmer pump, which features a pinwheel impeller, a detachable controller, high quality ceramic shaft and bearing 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 uses alternating current (AC), our VarioS pump boasts several key advantages over traditional AC pumps, namely, higher energy efficiency, safer operations at a working voltage of 24V and most notably, the variable speed control to adjust the ideal mix of air and water flow into the skimmer.

Enhanced Control

With the VarioS controller, user has control over the flowrate by selecting amongst five preset speed settings; indicated by five lit LEDs. A 15 or 60 minute feed mode can also be engaged or disengaged with the push of a button.

A rotatable output volute orientation allows for adjustment horizontally or vertically for placement flexibility.

Under normal usage, VarioS pump has an expected lifespan/product life expectancy of 10 years.

Available in 4 models – Regal 150-INT, Regal 200-INT, Regal 250-INT and Regal 300-INT.

FEATURES & BENEFITS

- Superior in-sump performance
- VarioS DC pump specifically made for protein skimmer
- Controllable and variable speed DC pump for energy-efficient and silent operation
- Float switch monitor
- High quality hand-made solid cast acrylic construction
- Hybrid conical body for better foam fractionation
- Over sized collection cup with waste drainage
- High volume air intake
- Easy maintenance



DID YOU KNOW?
We are the first protein skimmer manufacturer in the world that designs and produces our own skimmer pumps. Our skimmer pumps have been specifically engineered to enhance and increase the efficiency of our protein skimmer.

Float switch monitor



Anti-Splash Gated Valve



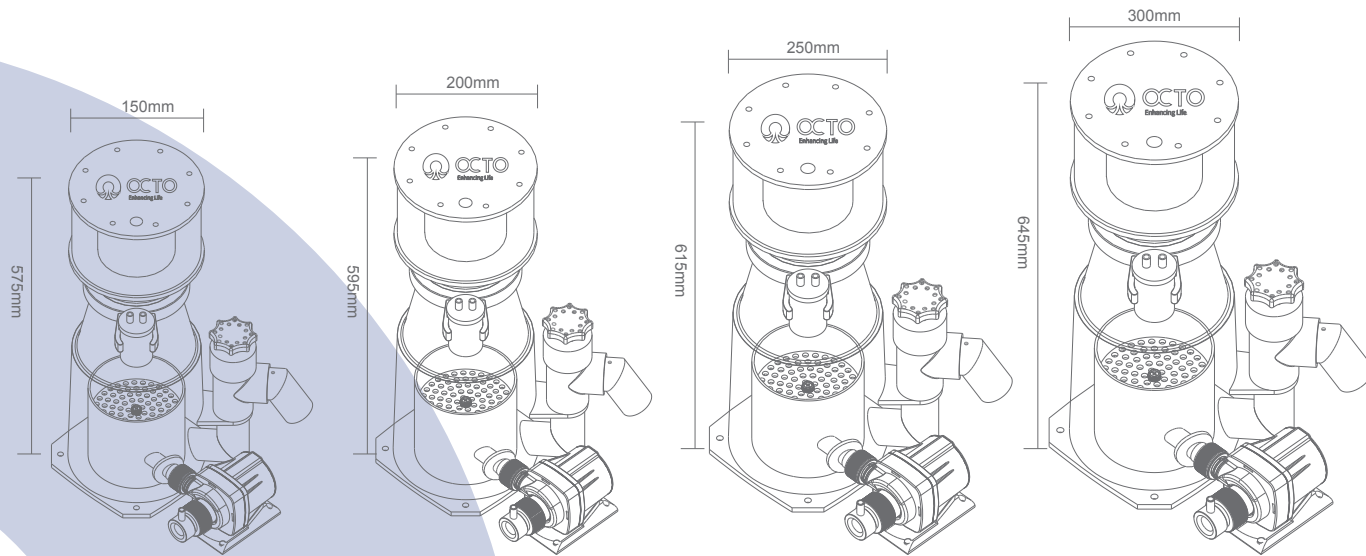
Output designed for bubble-free outflow



Regal Internal Skimmer



Dimension



OCTO Regal Internal Skimmer

Item No.	Product	Wet/ Dry	Pump Power	Cup Diameter		Neck Diameter		Footprint		Height		Output Size	Tank Volume	
				mm	inch	mm	inch	mm	inch	mm	inch		L	US Gal
120205	Regal 150-INT	Wet	25	150	5.9	80	3.2	290	190	11.4	7.5	Φ 40 mm (1-1/4")	800	211
120206	Regal 200-INT	Wet	40	200	7.9	120	4.7	370	250	14.6	9.9	Φ 50 mm (1-1/2")	1500	396
120207	Regal 250-INT	Wet	70	250	9.9	140	5.5	420	280	16.5	11.0	Φ 50 mm (1-1/2")	2400	634
120208	Regal 300-INT	Wet	70	300	11.8	170	6.7	455	310	17.9	12.2	Φ 50 mm (1-1/2")	2800	739

Skimmer Pump

Product	Model No.	Wet/Dry	Power	Max Air Intake		Maximum Flow Rate		Connection Size (outlet)
				LPH	GPH	LPH	GPH	
Regal 150-INT	VarioS 2-S	Both	25	900	238	900	238	Φ32 (1")
Regal 200-INT	VarioS 4-S	Both	40	1500	396	1600	422	Φ32 (1")
Regal 250-INT	VarioS 6-S	Both	70	2400	634	2000	528	Φ40 (1-1/4")
Regal 300-INT	VarioS 6-S	Both	70	2400	634	2000	528	Φ40 (1-1/4")



OCTO series Regal recirculating external protein skimmer (Regal-E) is an out-of-ump protein skimmer featuring high-quality cast acrylic body construction, easy disassembly for maintenance, a precision control gate valve and a hybrid conical body which helps to naturally stabilise and concentrate the organic rich foam as it rises. Water is recirculated within the skimmer for cleaner water output.

Regal-E is run by our very own controllable VarioS skimmer pump, which features a pinwheel impeller, a detachable controller, high quality ceramic shaft and bearing 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 uses alternating current (AC), our VarioS pump boasts several key advantages over traditional AC pump, namely, higher energy efficiency, safer operations at a working voltage of 24V and most notably, the variable speed control to adjust the ideal mix of air and water flow into the skimmer.

Enhanced Control

With the VarioS controller, user has control over the flowrate by selecting amongst five preset speed settings; indicated by five lit LEDs. A 15 or 60 minutes feed mode can also be engaged or disengaged with the push of a button.

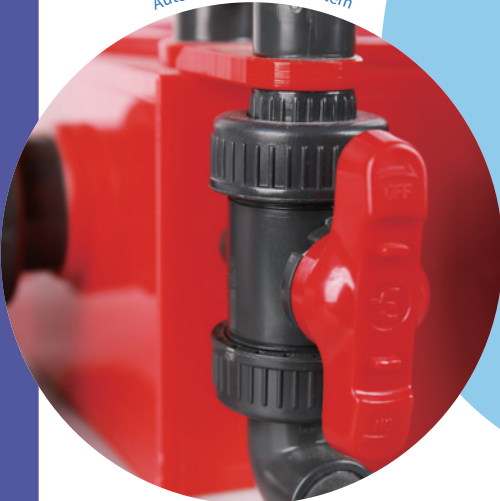
A rotatable output volute orientation allows for adjustment horizontally or vertically for placement flexibility.

Under normal usage, VarioS pump has an expected lifespan/product life expectancy of 10 years.

Available in 3 models – Regal 200-E, Regal 250-E and Regal 300-E.

FEATURES & BENEFITS

- Superior out-of-ump performance
- VarioS DC pump specifically made for protein skimmer
- Controllable and variable speed DC pump for energy-efficient and silent operation
- Float switch monitor
- High quality hand-made solid cast acrylic construction
- Hybrid conical body for better foam fractionation
- Over size collection cup with waste drainage
- High volume air intake
- Automatic drainage system
- Easy maintenance



Silent, Reliable and Controllable

DID YOU KNOW?

We are the first protein skimmer manufacturer in the world that designs and produces our own skimmer pumps. Our skimmer pumps have been specifically engineered to enhance and increase the efficiency of our protein skimmer.

Regal External Skimmer



Regal 200-E



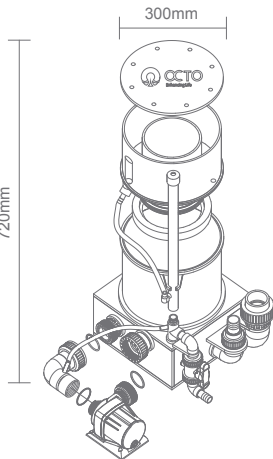
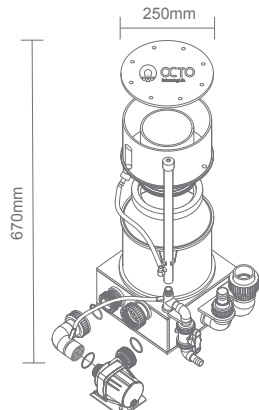
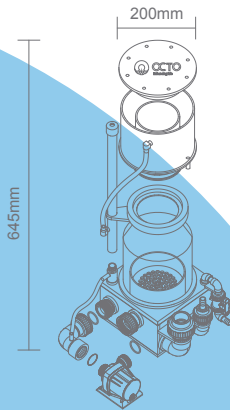
Regal 250-E



Regal 300-E



Dimension

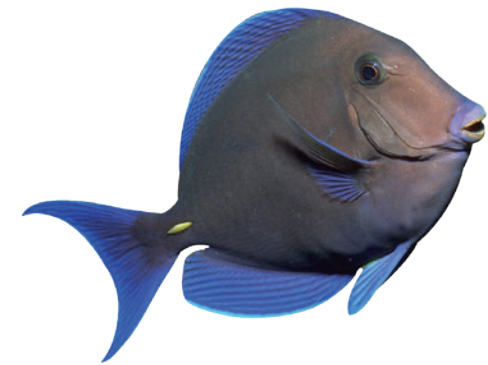


OCTO Regal External Skimmer

Item No.	Product	Wet/ Dry	Pump Power	Cup Diameter		Neck Diameter		Footprint				Height		Output Size	Water Inlet Size				Tank Volume		Feed Pump Suggestion	
			W	mm	inch	mm	inch	mm		inch	mm	inch			Union	Barb Fittings	L	US Gal	LPH	GPH		
															mm	inch	mm	inch				
120210	Regal 200-E	Dry	40	200	7.9	120	4.7	400	350	15.8	13.8	645	25.4	Φ50 mm (1-1/2")	25	3/4	20	0.79	1500	396	3000-4000	792-1056
120211	Regal 250-E	Dry	70	250	9.9	140	5.5	460	390	18.1	15.4	670	26.4	Φ50 mm (1-1/2")	32	1	25/32	0.98/1.25	2400	634	3500-4500	924-1188
120212	Regal 300-E	Dry	70	300	11.8	170	6.7	510	445	20.1	17.5	720	28.4	Φ50 mm (1-1/2")	32	1	25/32	0.98/1.25	2800	739	5000-6000	1320-1585

Skimmer Pump

Product	Model No.	Wet/Dry	Power	Max Air Intake		Maximum Flow Rate		Connection Size (outlet)
			W	LPH	GPH	LPH	GPH	
Regal 200-E	VarioS 4-S	Both	40	1500	396	1600	422	Φ32 (1")
Regal 250-E	VarioS 6-S	Both	70	2400	634	2000	528	Φ40 (1-1/4")
Regal 300-E	VarioS 6-S	Both	70	2400	634	2000	528	Φ40 (1-1/4")



Featuring a small footprint, the OCTO series Elite space saving skimmer (Elite-S) is an in-sump protein skimmer ideal for aquarium with limited sump space.

Elite-S further features high-quality cast acrylic and PVC construction, an underwater outflow for even quieter/near to silent operation, easy disassembly for maintenance with its unique “twist and lift” collection cup, a vented valve output with adjustment dial for precision control, a wine bottle shaped body which aids natural stabilisation and concentration of the organic rich foam as it rises and a professional open volute for enhanced performance.

Elite-S is run by our very own controllable VarioS skimmer pump, which features a pinwheel impeller, a detachable controller, high quality ceramic shaft and bearing 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 uses alternating current (AC), our VarioS pump boasts several key advantages over traditional AC pump, namely, higher energy efficiency, safer operations at a working voltage of 24V and most notably, the variable speed control to adjust the ideal mix of air and water flow into the skimmer.

Enhanced Control

With the VarioS controller, user has control over the flowrate by selecting amongst five preset speed settings; indicated by five lit LEDs. A 15 or 60 minutes feed mode can also be engaged or disengaged with the push of a button.

A rotatable output volute orientation allows for adjustment horizontally or vertically for placement flexibility.

Under normal usage, VarioS pump has an expected lifespan/product life expectancy of 10 years.

Available in 3 models – Elite 150-S, Elite 200-S and Elite 220-S.

FEATURES & BENEFITS

- Ultra compact, superior performance
- VarioS DC Pump specifically made for protein skimmer
- Controllable and variable speed DC pump for energy-efficient and silent operation
- Float switch monitor
- High quality hand-made solid cast acrylic and machined PVC construction
- Open Volute optimise reaction within chamber
- Sleek wine-shaped smooth cone body
- Vented valve output with adjustments dial for precision control
- Oversized air intake silencer for quieter operation
- “Twist & Lift” collection cup with waste drainage
- Easy Maintenance



Adjustment dial for precision control

Float switch monitor

Open Volute optimise reaction within chamber

“Twist & Lift” collection cup

DID YOU KNOW?

We are the first protein skimmer manufacturer in the world that designs and produces our own skimmer pumps. Our skimmer pumps have been specifically engineered to enhance and increase the efficiency of our protein skimmer.

ELITE Space Saving Skimmer



Elite 150-S

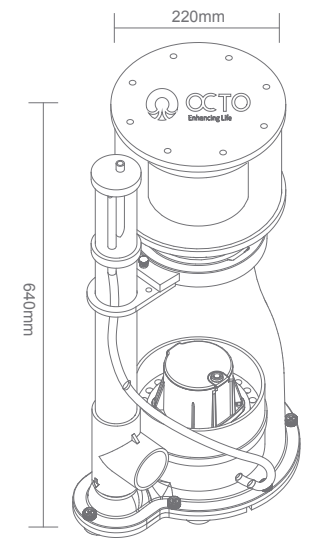
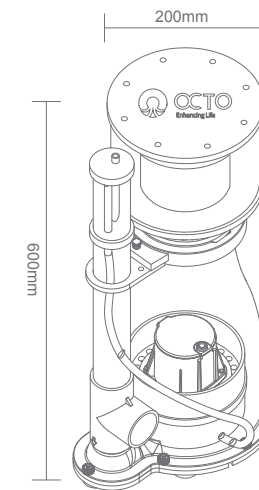
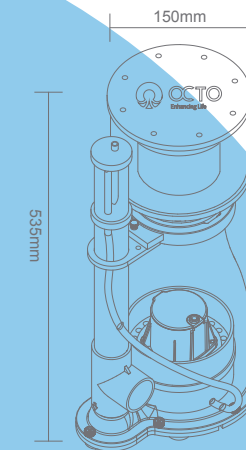


Elite 200-S



Elite 220-S

Dimension



OCTO ELITE Space Saving Skimmer

Item No.	Product	Wet/ Pump		Cup Diameter		Neck Diameter		Footprint		Height		Output Size		Tank Volume	
		Dry	Power	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	L	US Gal
120301	Elite 150-S	Wet	25	150	5.9	80	3.2	265	195	10.4	7.7	535	21.1	800	211
120302	Elite 200-S	Wet	40	200	7.9	120	4.7	325	255	12.8	10.0	600	23.6	1500	396
120303	Elite 220-S	Wet	70	220	8.7	120	4.7	345	285	13.6	11.2	640	25.2	2000	528

Skimmer Pump

Product	Model No.	Wet/Dry	Power	Max Air Intake		Maximum Flow Rate		Connection Size (outlet)
				LPH	GPH	LPH	GPH	
Elite 150-S	VarioS 2-S	Both	25	900	238	900	238	Φ32 (1")
Elite 200-S	VarioS 4-S	Both	40	1500	396	1600	422	Φ32 (1")
Elite 220-S	VarioS 6-S	Both	70	2400	634	2000	528	Φ40 (1-1/4")

OCTO series Elite skimmer (Elite-INT) is an in-sump protein skimmer. Elite-INT further features high-quality cast acrylic and PVC construction, an underwater outflow for even quieter/near to silent operation, easy disassembly for maintenance with its unique "twist and lift" collection cup, a vented valve output with adjustment dial for precision control, a wine bottle shaped body which aids natural stabilisation and concentration of the organic rich foam as it rises and a professional open volute for enhanced performance.

Elite-INT is run by our very own controllable VarioS skimmer pump, which features a pinwheel impeller, a detachable controller, high quality ceramic shaft and bearing 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 uses alternating current (AC), our VarioS pump boasts several key advantages over traditional AC pumps, namely, higher energy efficiency, safer operations at a working voltage of 24V and most notably, the variable speed control to adjust the ideal mix of air and water flow into the skimmer.

Enhanced Control

With the VarioS controller, user has control over the flowrate by selecting amongst five preset speed settings; indicated by five lit LEDs. A 15 or 60 minutes feed mode can also be engaged or disengaged with the push of a button.

A rotatable output volute orientation allows for adjustment horizontally or vertically for placement flexibility.

Under normal usage, VarioS pump has an expected lifespan/product life expectancy of 10 years.

Available in 3 models – Elite 150-INT, Elite 200-INT and Elite 220-INT.

FEATURES & BENEFITS

- Superior performance
- VarioS DC Pump specifically made for protein skimmer
- Controllable and variable speed DC pump for energy-efficient and silent operation
- Float switch monitor
- High quality hand-made solid cast acrylic and machined PVC construction
- Sleek wine-shaped smooth cone body
- Vented valve output with adjustments dial for precision control
- Oversized air intake silencer for quieter operation
- "Twist & Lift" collection cup with waste drainage
- Easy Maintenance



DID YOU KNOW?
We are the first protein skimmer manufacturer in the world that designs and produces our own skimmer pumps. Our skimmer pumps have been specifically engineered to enhance and increase the efficiency of our protein skimmer.

Adjustment dial for precision control

Float switch monitor

"Twist & Lift" collection cup

ELITE Internal Skimmer



Elite 150-INT

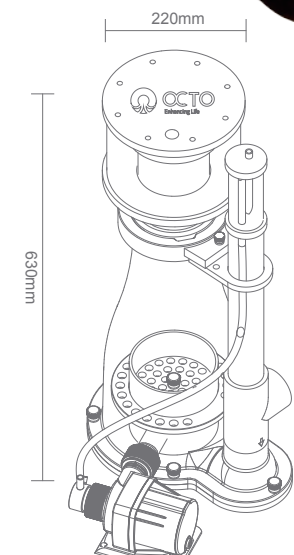
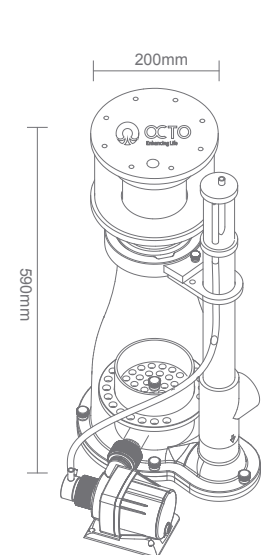
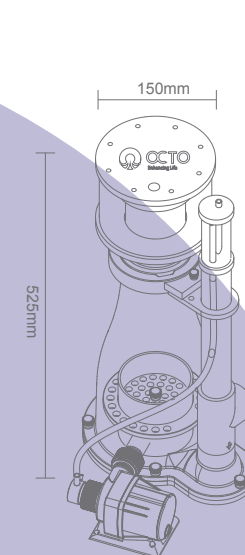


Elite 200-INT



Elite 220-INT

Dimension



OCTO ELITE Internal Skimmer

Item No.	Product	Wet/ Dry	Pump Power	Cup Diameter		Neck Diameter		Footprint		Height		Output Size		Tank Volume	
				mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	L	US Gal
120304	Elite 150-INT	Wet	25	150	5.9	80	3.2	290	265	11.4	10.4	525	20.7	800	211
120305	Elite 200-INT	Wet	40	200	7.9	120	4.7	380	285	15.0	11.2	590	23.2	1500	396
120306	Elite 220-INT	Wet	70	220	8.7	120	4.7	420	310	16.5	12.2	630	24.8	2000	528

Skimmer Pump

Product	Model No.	Wet/Dry	Power	Max Air Intake		Maximum Flow Rate		Connection Size (outlet)
				LPH	GPH	LPH	GPH	
Elite 150-INT	VarioS 2-S	Both	25	900	238	900	238	Φ32 (1")
Elite 200-INT	VarioS 4-S	Both	40	1500	396	1600	422	Φ32 (1")
Elite 220-INT	VarioS 6-S	Both	70	2400	634	2000	528	Φ40 (1-1/4")



Powerful, Reliable and Efficient

Our SRO Series skimmer is catered especially to the segment of Hobbyist. With advance features like a bubble diffusing chamber and a Hybrid Cone Body that reduces and stabilises foam production, it translates to less turbulence in the neck area, and increases the contact time for organic waste to rise for collection.

An oversized Air Silencer ensures quieter operation, while the airline mounting guarantees an unrestricted airflow, thus preventing kinks in the air line. With a bigger collection cup it can accommodate a massive amount of waste, which will reduce the cleaning frequency.

Powered by our very own Bubble Blaster Pump, which is renowned for its reliability and power.

Bubble Blaster (HY Skimmer Pump)

Our Bubble Blaster are specifically engineered for Protein Skimmer, with a clear volute which create intense amount of bubbling, much more than a conventional pump. While most other skimmer pumps in the market are water pumps fitted with a modified needle impeller, our Bubble Blaster pumps were the first pumps specially engineered to enhance and increase the efficiency of our protein skimmers.

Our Bubble Blaster pumps uses the rare earth magnet (Neodymium) which produces a lot more power than a regular Ferrite magnet, and can be up to 9 times more expensive.

An in-built Digital Circuit Board ensure that a constant flow rate is maintained, and prevent the pump from damage by controlling the directional start-up and RPM speed.

During pump operation, should a problem be detected, the pump will shut itself down to prevent damage.

Our Bubble Blaster Pump run silently, efficiently, and at a low temperature. Using Silicon Nitride impeller, which is much more wear resistant compared to ceramics, commonly used in other pumps. It can be run in both Wet or Dry conditions.

FEATURES & BENEFITS

- Big In-sump performance
- Bubble Blaster Pump ultra effective for Air “shredding”
- Maximum air injection Venturi system
- High quality hand-made acrylic construction
- Hybrid conical body for better foam fractionation
- Precision Water Level Control Output Valve
- Over Sized collection Cup with Drain
- Easy Maintenance



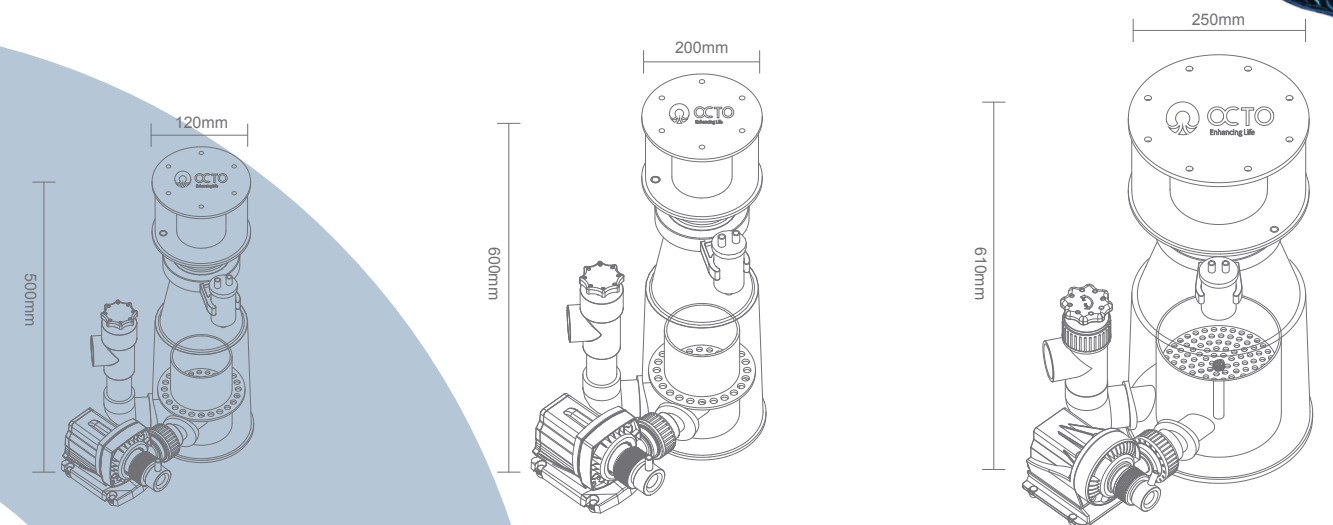
DID YOU KNOW?
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SRO Internal Skimmer



Dimension



OCTO SRO Internal Skimmer

Item No.	Product	Wet/Dry	Pump Power		Cup Diameter		Neck Diameter		Footprint		Height		Output Size	Tank Volume	
			W	W	mm	inch	mm	inch	mm	inch	mm	inch		L	US Gal
			50Hz	60Hz											
120401	SRO-1000INT	Wet	15	20	120	4.7	60	2.4	280	190	11.0	7.5	Φ 40 mm (1-1/4")	500	132
120403	SRO-3000INT	Wet	30	35	200	7.9	120	4.7	375	260	14.8	10.2	Φ 50 mm (1-1/2")	1500	396
120404	SRO-5000INT	Wet	40	55	250	9.9	140	5.5	445	280	17.5	11.0	Φ 50 mm (1-1/2")	2400	634

Skimmer Pump

Product	Model No.	Wet/Dry	Power		Air Intake		Maximum Flow Rate		Connection Size (outlet)
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	
			W	W	LPH	GPH	LPH	GPH	
SRO-1000INT	HY-1000S	Both	15	20	540	143	644	170	Φ25 (3/4")
SRO-3000INT	HY-3000S	Both	30	35	1100	290	1136	300	Φ32 (1")
SRO-5000INT	HY-5000S	Both	40	55	2100	554	2385	630	Φ40 (1-1/4")



Our SRO Series skimmer is catered especially to the segment of Hobbyist. With advance features like a bubble diffusing chamber and a Hybrid Cone Body that reduces and stabilises foam production, it translates to less turbulence in the neck area, and increases the contact time for organic waste to rise for collection.

An oversized Air Silencer ensures quieter operation, while the airline mounting guarantees an unrestricted airflow, thus preventing kinks in the air line. With a bigger collection cup it can accommodate a massive amount of waste, which will reduce the cleaning frequency.

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Our Bubble Blaster pumps uses the rare earth magnet (Neodymium) which produces a lot more power than a regular Ferrite magnet, and can be up to 9 times more expensive.

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FEATURES & BENEFITS

- Ultra Compact, Big Performance
- Bubble Blaster Pump ultra effective for Air “shredding”
- Maximum air injection Venturi system
- High quality hand-made acrylic construction
- Hybrid conical body for better foam fractionation
- Precision Water Level Control Output Valve
- Over Sized collection Cup with Drain
- Easy Maintenance



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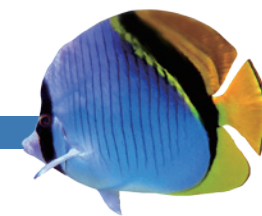
SRO Space Saving Skimmer



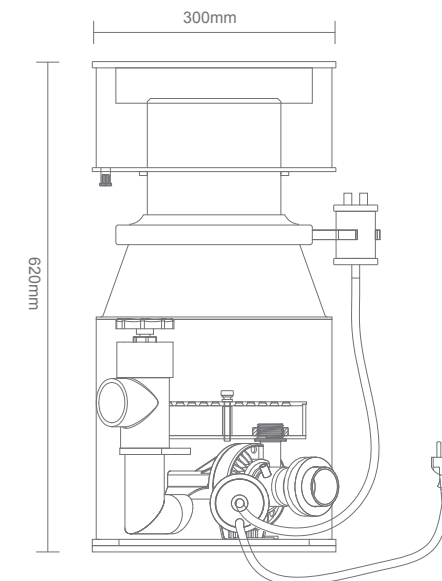
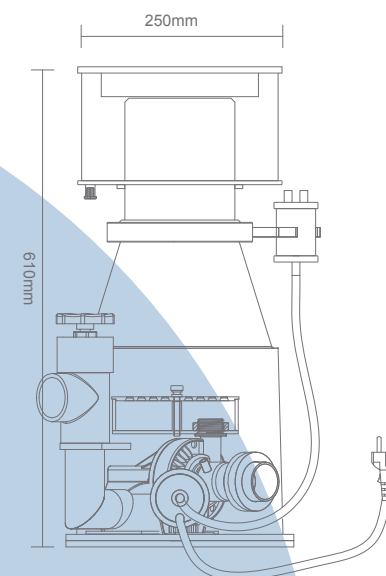
SRO 5000SSS



SRO 6000SSS



Dimension



OCTO SRO Space Saving Skimmer

Item No.	Product	Wet/Dry	Pump Power		Cup Diameter		Neck Diameter		Footprint		Height		Output Size	Tank Volume	
			W	W	mm	inch	mm	inch	mm	inch	mm	inch		L	US Gal
			50Hz	60Hz											
120405	SRO-5000SSS	Wet	40	55	250	9.9	140	5.5	350	290	13.8	11.4	610	2400	634
120406	SRO-6000SSS	Wet	40	55	300	11.8	170	6.7	380	310	15.0	12.2	620	2800	739

Skimmer Pump

Product	Model No.	Wet/Dry	Power		Air Intake				Maximum Flow Rate				Connection Size (outlet)
			50Hz	60Hz	50Hz		60Hz		50Hz		60Hz		
			W	W	LPH	GPH	LPH	GPH	LPH	GPH	LPH	GPH	
SRO-5000SSS	HY-5000S	Both	40	55	2100	554	2385	630	1700	449	1817	480	Φ40 (1-1/4")
SRO-6000SSS	HY-5000S	Both	40	55	2100	554	2385	630	1700	449	1817	480	Φ40 (1-1/4")

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Bubble Blaster (HY Skimmer Pump)

Our Bubble Blaster are specifically engineered for Protein Skimmer, with a clear volute which create intense amount of bubbling, much more than a conventional pump. While most other skimmer pumps in the market are water pumps fitted with a modified needle impeller, our Bubble Blaster pumps were the first pumps specially engineered to enhance and increase the efficiency of our protein skimmers.

Our Bubble Blaster pumps uses the rare earth magnet (Neodymium) which produces a lot more power than a regular Ferrite magnet, and can be up to 9 times more expensive.

An in-built Digital Circuit Board ensure that a constant flow rate is maintained, and prevent the pump from damage by controlling the directional start-up and RPM speed.

During pump operation, should a problem be detected, the pump will shut itself down to prevent damage.

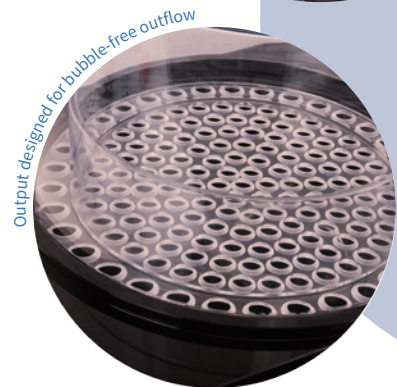
Our Bubble Blaster Pump run silently, efficiently, and at a low temperature. Using Silicon Nitride impeller, which is much more wear resistant compared to ceramics, commonly used in other pumps. It can be run in both Wet or Dry conditions.

FEATURES & BENEFITS

- Big out-of-sump performance
- Bubble Blaster Pump ultra effective for Air “shredding”
- Maximum air injection Venturi system
- High quality hand-made acrylic construction
- Hybrid conical body for better foam fractionation
- Precision Water Level Control Output Valve
- Over Sized collection Cup with Drain
- Automatic drainage system (not available 2000EXT)
- Easy Maintenance



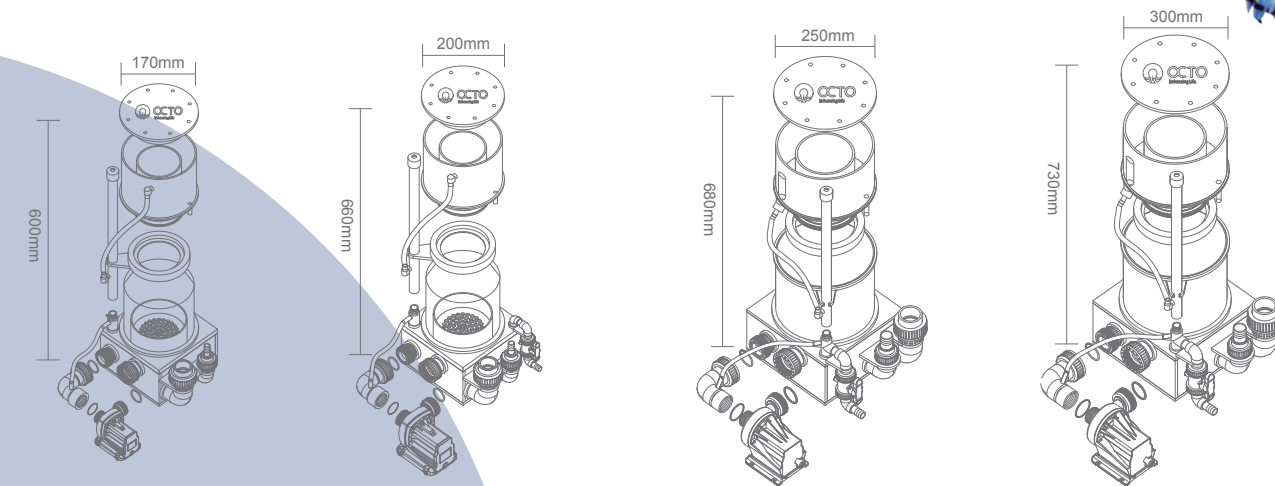
DID YOU KNOW?
We are the first protein skimmer manufacturer in the world that designs and produces our own skimmer pumps. Our skimmer pumps have been specifically engineered to enhance and increase the efficiency of our protein skimmer.



SRO External Skimmer



Dimension



OCTO SRO External Skimmer

Item No.	Product	Wet/ Dry	Pump Power		Cup Diameter		Neck Diameter		Footprint				Height		Output Size	Water Inlet Size				Tank Volume		Feed Pump Suggestion	
			W	W	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch		Union	Barb Fittings	L	US Gal	LPH	GPH		
			50Hz	60Hz												mm	inch	mm	inch				
120408	SRO-2000EXT	Dry	25	30	170	6.7	100	3.9	380	290	15.0	11.4	600	23.6	Φ 40 mm (1-1/4")	25	3/4	17	0.67	1200	316.8	2000-3000	528-792
120409	SRO-3000EXT	Dry	30	35	200	7.9	120	4.7	410	340	16.2	13.4	660	26.0	Φ 50 mm (1-1/2")	25	3/4	20	0.79	1500	396	3000-4000	792-1056
120410	SRO-5000EXT	Dry	40	55	250	9.9	140	5.5	475	375	18.7	14.8	680	26.8	Φ 50 mm (1-1/2")	32	1	25/32	0.98/1.25	2400	633.6	3500-4500	924-1188
120411	SRO-6000EXT	Dry	40	55	300	11.8	170	6.7	515	430	20.3	16.9	730	28.8	Φ 50 mm (1-1/2")	32	1	25/32	0.98/1.25	3000	792	5000-6000	1320-1585

Skimmer Pump

Product	Model No.	Wet/Dry	Power		Air Intake				Maximum Flow Rate				Connection Size (outlet)	
			50Hz	60Hz	50Hz		60Hz		50Hz		60Hz			
			W	W	LPH	GPH	LPH	GPH	LPH	GPH	LPH	GPH		
SRO-2000EXT	HY-2000S	Both	25	30	960	253	1022	270	900	238	946	250	Φ32(1")	
SRO-3000EXT	HY-3000S	Both	30	35	1100	290	1136	300	1550	409	1609	425	Φ32 (1")	
SRO-5000EXT	HY-5000S	Both	40	55	2100	554	2385	630	1700	449	1817	480	Φ40 (1-1/4")	
SRO-6000EXT	HY-5000S	Both	40	55	2100	554	2385	630	1700	449	1817	480	Φ40 (1-1/4")	

An ideal solution/upgrade for the discerning hobbyist



OCTO CalReact features high-quality cast acrylic body construction, a PH probe holder to allow constant monitoring of water alkalinity (PH level) with the use of a PH probe (sold separately), a built-in bubble counter for CO₂ flow rate calculation, reverse water flow for CO₂ recirculation to maximise water and CO₂ contact time with the coral media which produces CO₂.

Powered by our VarioS DC pump which features a pinwheel impeller, a detachable controller, high quality ceramic shaft and bearing 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 uses alternating current (AC), our VarioS pump boasts several key advantages over traditional AC pump, namely, higher energy efficiency, safer operations at a working voltage of 24V and most notably, the variable speed control to adjust the ideal mix of air and water flow into the skimmer.

Note: Above models are not pressure rated pump. This pump is not for second floor applications or to feed Beckett or downdraft skimmers where constant pressure is required.

How it works

A calcium reactor is essentially a chamber full of Aragonite which is natural form of carbonate mineral, or commonly known as crushed hard corals. Aquarium water is circulated through this chamber along with carbon dioxide (CO₂). The CO₂ lowers the pH in the chamber to an acidic level which dissolves the carbonate minerals into the aquarium water. In addition to dissolving the carbonate minerals, this process also dissolves nearly all the minerals and trace elements the coral needed in order to grow.

Automated Calcium and Alkalinity supplementation - When set up properly with external controller and probe. These perimeters can be pre-set with very little monitoring and maintenance.

Available in 5 models – CalReact 140, CalReact 200, CalReact 220, CalReact 3000D and CalReact 5000D.

FEATURES & BENEFITS

- Controllable and variable speed DC pump for energy-efficient and silent operation
- Reverse flow and CO₂ recirculating design
- Precision effluent control valve
- Built-in bubble counter for monitoring of CO₂ drip rate
- Probe holder with plug
- High quality handmade solid cast acrylic construction
- Removal lid for easy maintenance



Easy to Remove Lid



Auto Filled Bubble Counter

OCTO CalReact

by REEF OCTOPUS



CalReact 140

CalReact 200

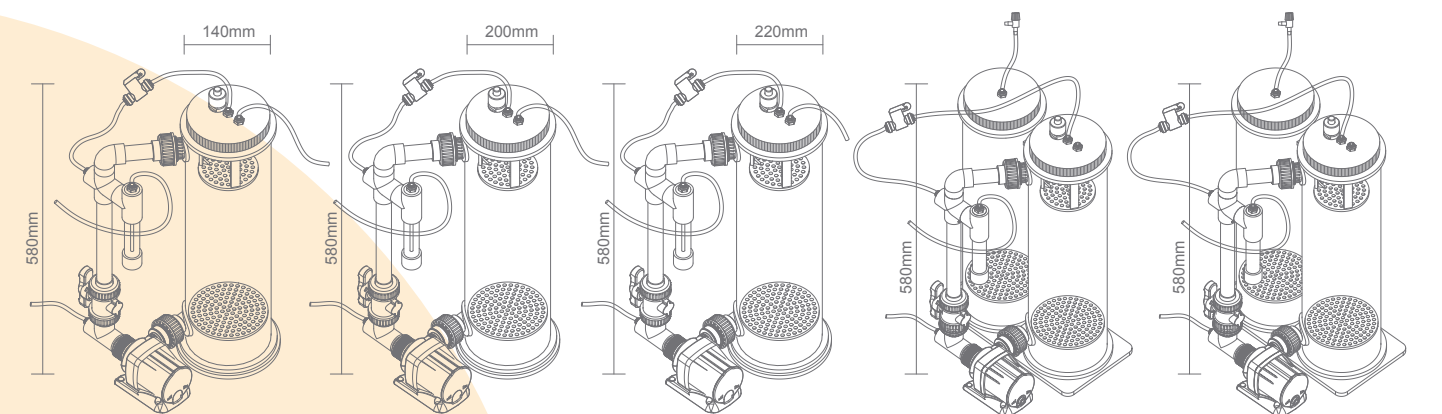
CalReact 220

CalReact 3000D

CalReact 5000D



Dimension



OCTO CalReact

Item No.	Product	Wet/ Dry	Pump Power	Diameter		Footprint			Height		Media Capacity		Inlet/Outlet Size		Tank Volume		Feed Pump Suggestion	
				W	mm	inch	mm	inch	mm	inch	L	US Gal	mm	inch	L	US Gal	LPH	GPH
130101	CalReact 140	Both	25	140	5.5	310	230	12.2	9.1	580	22.9	3.9	1.0	Φ6.3 mm (1/4")	400-800	106-211	500-800	132-211
130102	CalReact 200	Both	40	200	7.9	385	270	15.2	10.6	580	22.9	7.9	2.1	Φ6.3 mm (1/4")	1100-1800	290-475	500-800	132-211
130103	CalReact 220	Both	70	220	8.7	420	280	16.5	11.0	580	22.9	9.3	2.5	Φ6.3 mm (1/4")	1400-2100	370-554	500-800	132-211
9030413	CalReact 3000D	Both	40	170	6.7	400	340	15.8	13.4	580	22.9	11.5	3.0	Φ6.3 mm (1/4")	1500-2200	396-582	500-800	132-211
9030414	CalReact 5000D	Both	70	200	7.9	460	385	18.1	15.2	580	22.9	15.2	4.0	Φ6.3 mm (1/4")	1600-2300	423-608	500-800	132-211

Circulation Pump

Product	Model No.	Wet/Dry	Power	Max Head Height			Maximum Flow Rate	
				W	m	Ft.	LPH	GPH
CalReact 140	VarioS 2	Both	25	25	4.0	13.1	3000	792
CalReact 200	VarioS 4	Both	40	40	4.5	14.7	4000	1056
CalReact 220	VarioS 6	Both	70	70	4.9	16.0	6500	1720
CalReact 3000D	VarioS 4	Both	40	40	4.5	14.7	4000	1056
CalReact 5000D	VarioS 6	Both	70	70	4.9	16.0	6500	1720

An ideal solution/upgrade for the discerning hobbyist

Quality, design and affordability define the OCTO Classic Calcium Reactor series. Available in 2 different models that feature reverse flow water current for maximum water and CO₂ contact time with coral media.

All models come with PH probe holders to monitor PH levels in the main reactor chamber and built in bubble counters to monitor CO₂ drip rates. To help you meet the challenging task of maintaining alkalinity, calcium and trace elements, consider adding a OCTO calcium reactor to your aquarium system.

How it works

A calcium reactor is essentially a chamber full of Aragonite which is natural form of carbonate mineral, or commonly known as crushed hard corals. Aquarium water is circulated through this chamber along with carbon dioxide (CO₂). The CO₂ lowers the PH in the chamber to an acidic level which dissolves the carbonate minerals into the aquarium water. In addition to dissolving the carbonate minerals, this process also dissolves nearly all the minerals and trace elements the coral needed in order to grow.

Automated Calcium and Alkalinity supplementation – When set up properly with external controller and probe. These perimeters can be pre-set with very little monitoring and maintenance.

Available in 2 models – CR-100 and CR-140

FEATURES & BENEFITS

- Reverse flow and CO₂ recirculating design
- Built-in bubble counter for monitoring of CO₂ drip rate
- Probe holder with plug
- High quality handmade solid cast acrylic construction
- Removal lid for easy maintenance
- 1/4" quick connect fittings



OCTO Classic Calcium Reactor

by REEF OCTOPUS

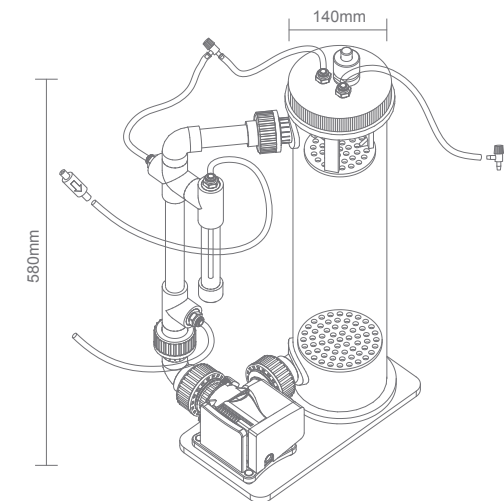
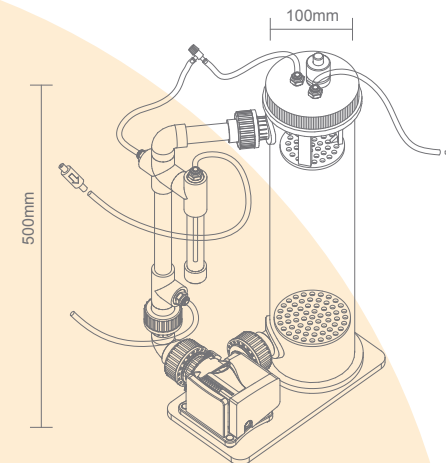


CR 100



CR 140

Dimension



OCTO Classic Calcium Reactor

Item No.	Product	Wet/ Dry	Pump Power		Diameter		Footprint				Height		Media Capacity		Inlet/Outlet Size	Tank Volume		Feed Pump Suggestion	
			50Hz	60Hz	mm	inch	mm	mm	mm	mm	mm	inch	L	US Gal		L	US Gal	LPH	GPH
			W	W	mm	inch	mm	mm	mm	mm	mm	mm	mm						
130104	CR-100	Both	10	15	100	3.9	240	180	9.5	7.1	500	19.7	1.5	0.4	Φ6.3 mm (1/4")	260-450	69-120	500-800	132-211
130105	CR-140	Both	42	45	140	5.5	300	240	11.8	9.5	580	22.9	3.8	1.0	Φ6.3 mm (1/4")	400-800	106-211	500-800	132-211

Circulation Pump

Product	Model No.	Wet/Dry	Power		Max Head Height				Maximum Flow Rate			
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
			W	W	m	Ft.	m	Ft.	LPH	GPH	LPH	GPH
CR-100	AQ-1200	Both	10	15	1.1	3.6	1.3	4.3	1300	343	1287	340
CR-140	AQ-2000	Both	42	45	2.0	6.5	2.1	6.9	2000	528	2203	582



BioReact is an in-sump Bio Reactor, designed for hobbyists. It helps to accelerate the growth of beneficial bacteria, and helps to ensure water clarity. It is ideal to control the Phosphate (PO₄) and Nitrate (NO₃) level.

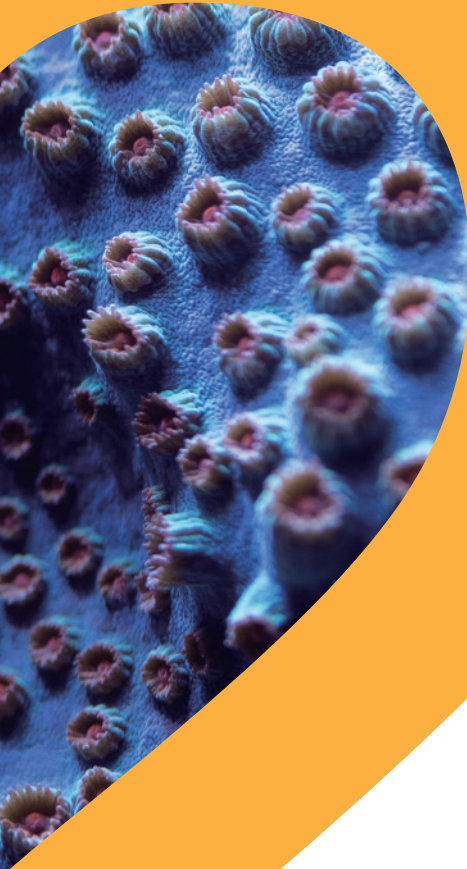
Powered by our very own and reliable Aquatrance(BioReact 150 use DC pump), which is both energy efficient and quiet, the BioReact is easy to set-up and allows you full flow control to the media. With a space saving footprint, it allows you more space within the sump for more products.

Made from a high quality cast acrylic body, it has a specially designed water inlet bottom chamber which prevents the media from entering the pump during a power off. A rigid sieve plate at the top cover acts to prevent the pellets from escaping through the outlet connection.

Due to the unique design of having no pipe in the middle of the chamber, it is easy to replace the cover after refilling the pellet media.

For best results, it is highly recommended to use our Bio Spheres media.

Available in 3 models OCTO BioReact 90, 120 and 150.

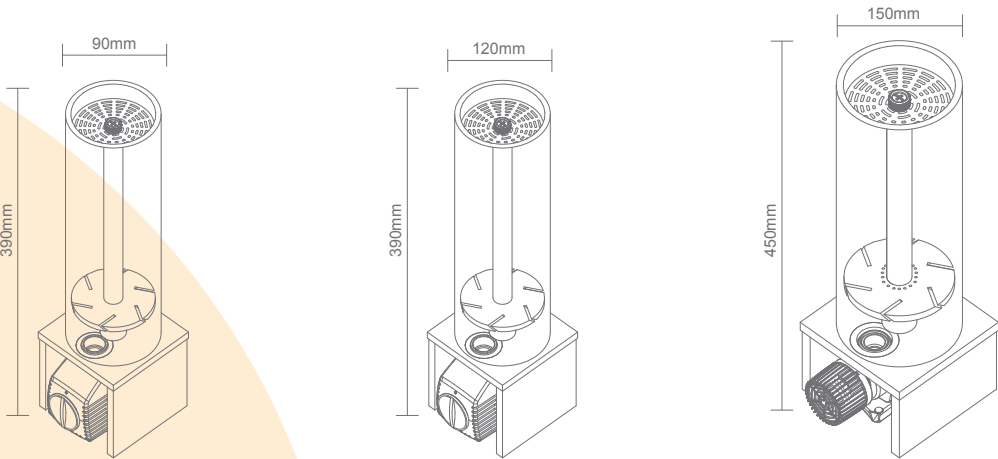


FEATURES & BENEFITS

- Complete with our own recirculation pump
- Unique design for quick and easy refilling of media
- Sieve Plate to retain media in chamber
- Cyclone optimum churning rate for maximum bacteria colonisation
- High quality hand-made acrylic construction
- Easy maintenance



Dimension



OCTO BioReact

Item No.	Product	Wet/ Dry	Pump Power		Diameter		Footprint			Height		Max Bio Sphere		Tank Volume	
			W	W	mm	inch	mm	mm	inch	mm	inch	L	US Gal	L	US Gal
			50Hz	60Hz											
130201	BioReact 90	Wet	6	7	90	3.5	120	100	4.7	3.9	390	15.4	0.4	400	106
130202	BioReact 120	Wet	10	15	120	4.7	140	130	5.5	5.1	390	15.4	0.7	700	185
130203	BioReact 150	Wet	30	30	150	5.9	185	160	7.3	6.3	450	17.7	2.0	2000	528

Circulation Pump

Product	Model No.	Wet/Dry	Power		Max Head Height				Maximum Flow Rate			
			50Hz	60Hz	50Hz		60Hz		50Hz		60Hz	
			w	w	m	Ft.	m	Ft.	LPH	GPH	LPH	GPH
BioReact 90	AQ-800	Both	6	7	0.8	2.6	0.9	3	880	232	908	240
BioReact 120	AQ-1200	Both	10	15	1.1	3.6	1.3	4.3	1300	343	1287	340
BioReact 150	VarioS 2	Both	30	30	4.0	13.1	4.0	13.1	3000	792	3000	792

An ideal solution/upgrade for the discerning hobbyist



Bio-Pellets Reactor, designed for hobbyists. It helps to accelerate the growth of beneficial bacteria, and helps to ensure water clarity. It is ideal to control the Phosphate (PO₄) and Nitrate (NO₃) level.

These Revolutionary Media Reactors have a fluidizing cone bottom design to help keep the Bio-pellet media in suspension and evenly disperse the water upwards, without restricting the flow through the unit. These advanced reactor units also includes fastening screws on the lid for a sure tight seal and a durable acrylic screen to keep the bio-pellets within the reactor without the risk of restricting flow or clogging like other media reactors on the market.

For best results, it is highly recommended to use our Bio Spheres media

Available in 3 models- BR-MF-70, BR-MF-110 and BR-MF-140

FEATURES & BENEFITS

- High quality hand-made acrylic construction
- Reverse Cone Dispersment Plate
- Union Fittings
- Check Valve and Sieve Plate to retain media in chamber



Bio-Pellets Reactor



BR MF-70

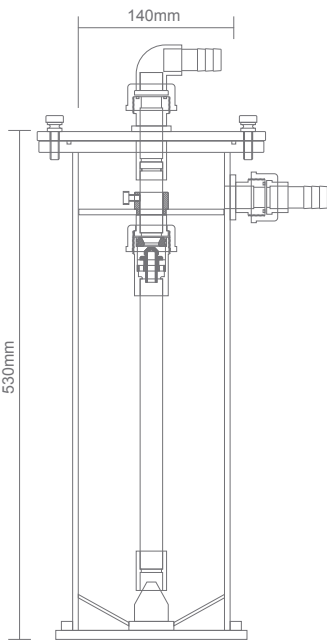
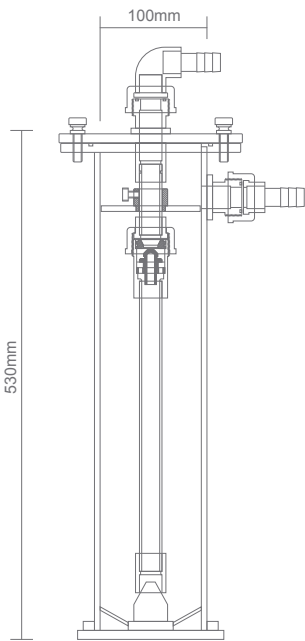
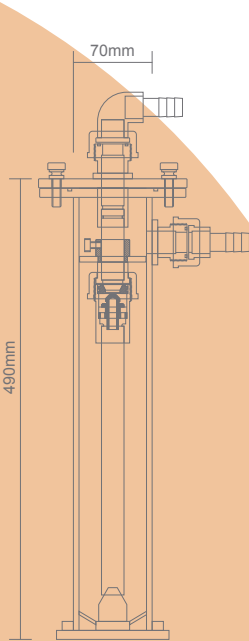


BR MF-110



BR MF-140

Dimension



OCTO Bio-Pellets Reactor

		Wet/ Dry														
Item No.	Product		Diameter		Footprint		Height		Max bio sphere		Tank Volume		Feed Pump Suggestion			
			mm	inch	mm	inch	mm	inch	L	US Gal	L	US Gal	LPH	GPH		
130301	BR-MF-70	Dry	70	2.8	140	140	5.5	5.5	490	19.3	0.3	0.08	300	79	1000-1500	265-400
130302	BR-MF-110	Dry	100	3.9	170	170	6.7	6.7	530	20.9	0.7	0.18	700	185	2000-3000	530-800
130303	BR-MF-140	Dry	140	5.5	210	210	8.3	8.3	530	20.9	1.0	0.26	1000	264	3000-4000	800-1060



OCTO Kalk Stirrer (Nilsen Reactor) carries a high torque low RPM motor that effectively, silently and gently mixes your calcium hydroxide (Kalkwasser). This method is not only ideal but is also the safest way of dosing the freshest possible Kalkwasser to your reef system. The OCTO Kalk Stirrer is designed to keep the undissolved particles at the bottom of the reactor chamber while always leaving the clear highly saturated Kalkwasser liquid at the top. Adding Kalk powder couldn't be easier with just a few twists of the large thumb screws releasing the seal-tight lid for quick and easy Kalk refills.

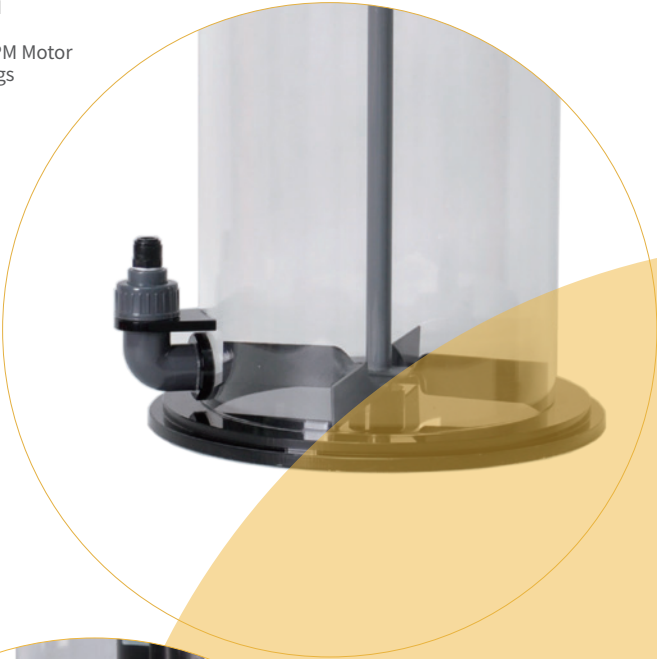
No need for powerheads that randomly need to be cleaned or replace and no more risky dosing with large vats of lime water which take up valuable space. You will never have to worry about premixing or clogs again when using our new innovative and efficient Kalk Stirrer (Nilsen Reactor) which are extremely easy to use and salt-water safe, making them simply the most economical and best Kalk reactor out there.

Attention: Stirrer must be set to operate for 5 minutes every 2 hours using a timer. Do NOT run the unit continuously. Continuous operation may cause damage or reduce the lifespan of the equipment.

Available in 3 models- KS-100, KS-150 and KS-250

FEATURES & BENEFITS

- Raise or Stabilize PH
- Solid Construction
- High Torque-Low RPM Motor
- Quick connect fittings



A Reactor built for Professionals, by Professionals.

OCTO

by REEF OCTOPUS

Kalkwasser Stirrer Reactor



KS 100

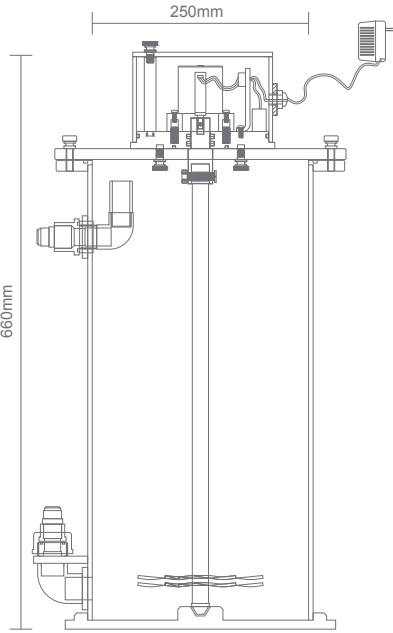
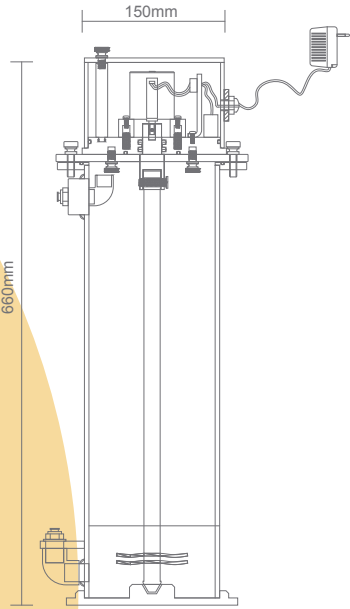
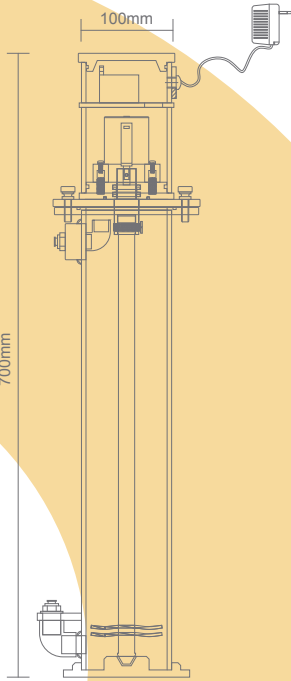


KS 150



KS 250

Dimension



OCTO Kalkwasser Stirrer Reactor

Item No.	Product	Wet/ Dry	Diameter		Footprint		Height		Quick Connect Input and Output		Calcium Hydroxide	Tank Volume		Feed Pump Suggestion			
			mm	inch	mm	inch	mm	inch	mm	inch		gram	L	US Gal	LPH	GPH	
130304	KS-100	Dry	100	3.9	140	140	5.5	5.5	700	27.6	6.3	1/4	90-120	300-500	80-132	100-200	26-53
130305	KS-150	Dry	150	5.9	195	195	7.7	7.7	660	26.0	6.3	1/4	120-150	500-800	132-211	100-200	26-53
130306	KS-250	Dry	250	9.9	320	320	12.6	12.6	660	26.0	10.0	0.39"	150-180	800-1200	211-317	200-300	53-80

An ideal add-on for the discerning hobbyist.



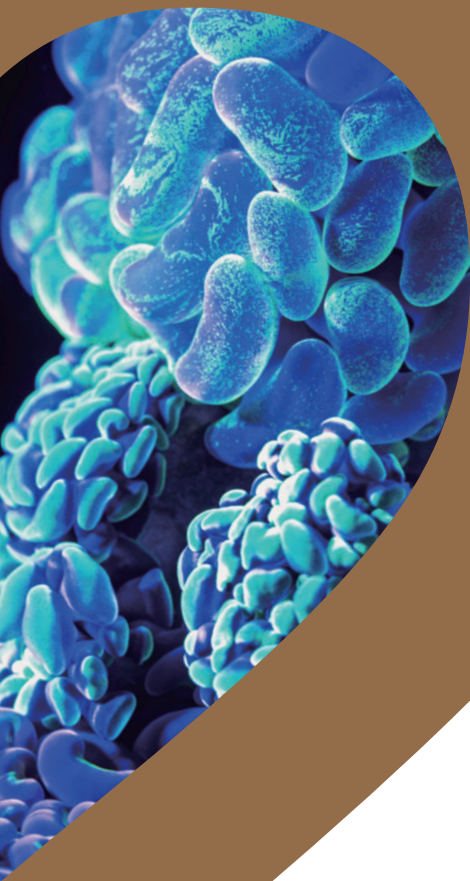
Our LR Reactors are made with the most robust material to ensure that they adhere above the industry standards of keeping in shape and watertight. With our unique Triangular LEDs placement eradicating blind spots couple with optimum spectrum guarantees a quicker growth rate.

Harvest timeline can be easily controlled via the adjustable light intensifier should you wish to slow down the growth rate. Bundled with a 3 Tiers Strainer Basket to make harvesting a breeze.

Available in 2 models – LR-150, LR-200.

FEATURES & BENEFITS

- Circulation Pump Included
- Adjustable light intensity
- IP67 Certified LEDs containment
- Strainer Flip Stand – for easy maintenance
- High-Quality Hand Made acrylic construction
- Removable 3 tiers strainer container for easy harvesting
- Perfectly balance of light spectrum for optimal Chaetomorpha growth
- Unique Triangular LEDs Panels placement for a balance of 360° coverage



Adjustable light intensity

Unique Triangular LEDs Panels placement



Strainer Flip Stand - for easy maintenance

DID YOU KNOW?

We are the first protein skimmer manufacturer in the world that designs and produces our own skimmer pumps. Our skimmer pumps have been specifically engineered to enhance and increase the efficiency of our protein skimmer.

OCTO Lights Reactor

by REEF OCTOPUS



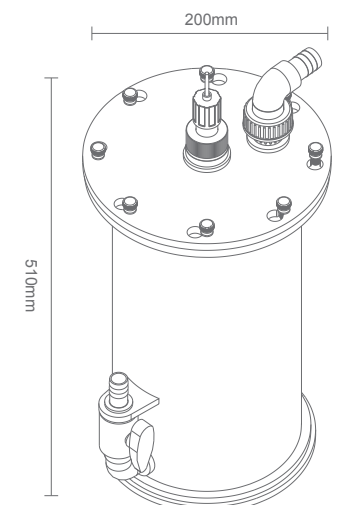
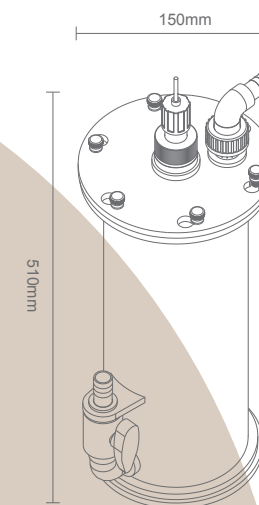
LR 150



LR 200



Dimension



OCTO Lights Reactor

Item No.	Product	Wet/Dry	Diameter		Footprint				Height		Input Fittings				Output Fittings				Tank Volume		Power (W)
			mm	inch	mm	mm	inch	inch	mm	inch	Barb Fittings	PVC Pipe	Barb Fittings	PVC Pipe	mm	inch	mm	inch	L	US Gal	
130309	LR-150	Both	150	5.9	230	205	9.1	8.1	510	20.1	17	5/8	20	1/2	20	3/4	20	1/2	200-600	52-158	18
130310	LR-200	Both	200	7.9	285	265	11.2	10.4	510	20.1	20	3/4	20	1/2	20	1/2	25	3/4	500-1000	132-264	18

Circulation Pump

Product	Model No.	Wet/Dry	Power		Max Head Height				Maximum Flow Rate			
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
			W	W	m	Ft.	m	Ft.	LPH	GPH	LPH	GPH
LR-150	AQ-1200	Both	10	15	1.1	3.6	1.3	4.3	1300	343	1287	340
LR-200	AQ-2000	Both	42	45	2.0	6.5	2.1	6.9	2000	528	2203	582



Latest Universal CO2 Scrubber

A perfect Lid for a perfect Fit.

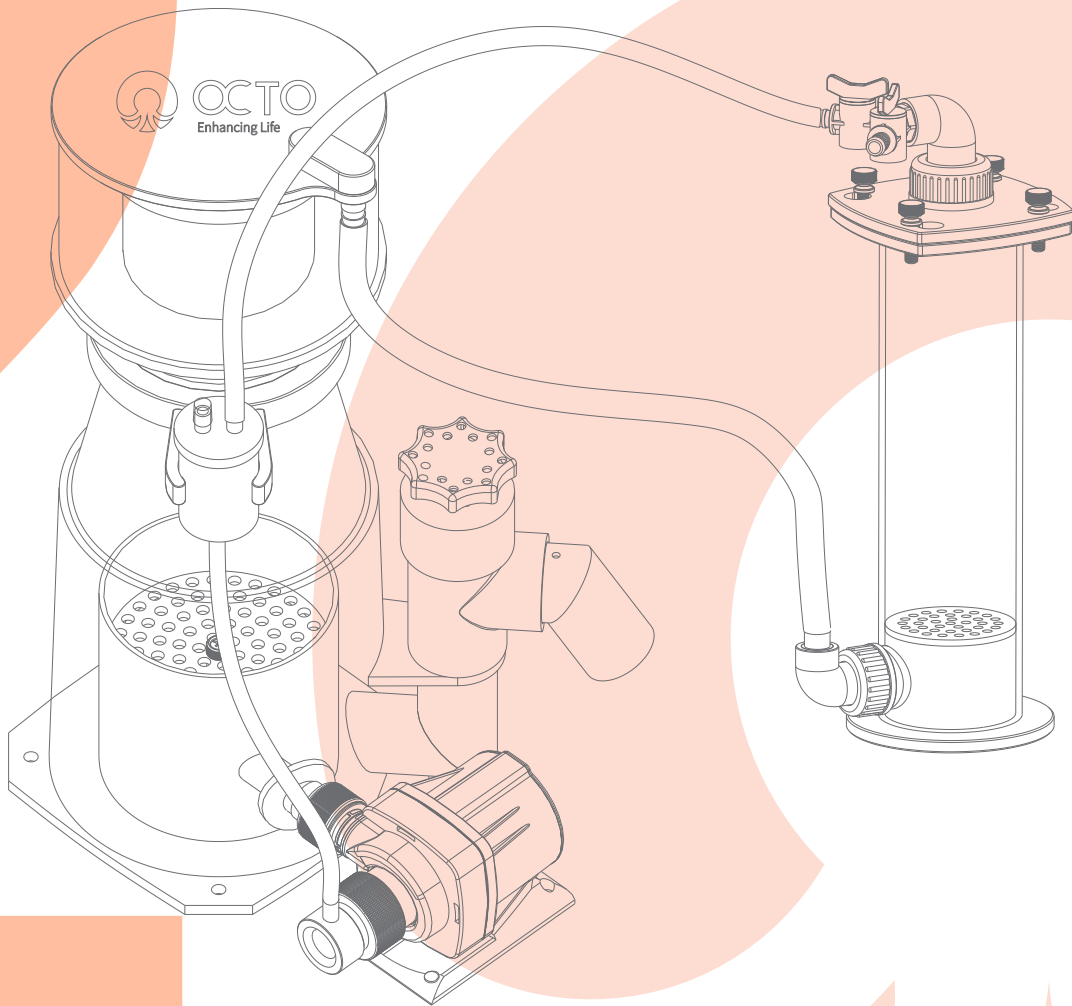
Our CO2 Scrubber Top Cover are manufacture to fit precisely our range of consumer skimmer, when pair together with our CO2 Reactor (C2T-90), User will experience a more direct and cost effective way in controlling the PH in their Aquarium.

Using this closed loop system in managing your PH will extent the longevity of the media compare to non-closed loop system.

A bleeder valve is built into our C2T-90 for easy control.

FEATURES & BENEFITS

- Reduces CO2 entry into your aquarium*
- Raise the PH in reef aquarium



OCTO

by REEF OCTOPUS

Universal CO2 Scrubber



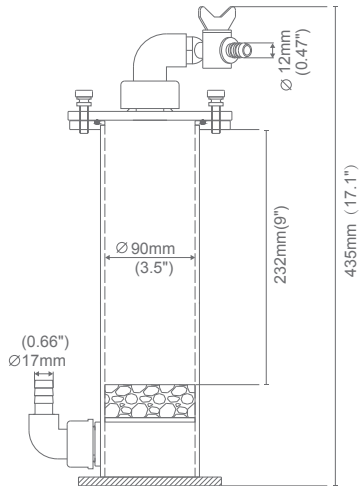
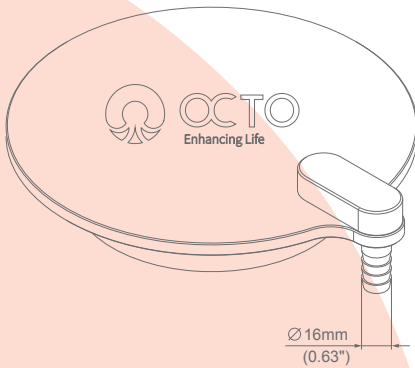
C02 Scrubber Top Cover



C2T 90



Dimension



Universal CO2 Scrubber

Item No.	Product	Diameter		Footprint		Height		Inlet Size		Outlet Size		Reactor Capacity	
		mm	in	mm	in	mm	in	mm	in	mm	in	L	US Gal
9030801009	C2T-90	90	3.5	170*130	6.7*5.2	435	17	17	0.66	12	0.47	1	0.26

*Need CO2 absorbent media

C02 Scrubber Top Cover

Item No.	Product	Compatible with OCTO Skimmer									
		Classic 110-S	Classic 110-INT	Classic 110-EXT	SRO-1000INT						
9030802009	C2C-120	Classic 110-S	Classic 110-INT	Classic 110-EXT	SRO-1000INT						
9030803009	C2C-150	Classic 150-S	Classic 152-S	Classic 150-INT	Classic 150-EXT	Regal 150-S	Regal 150-INT	Elite 150-S	Elite 150-INT		
9030804009	C2C-200	Classic 202-S	Classic 200-INT	Regal 200-S	Regal 200-INT	Regal 200-E	Elite 200-S	Elite 200-INT	SRO-3000INT	SRO-3000EXT	
9030805009	C2C-220	Elite 220-S	Elite 220-INT								
9030806009	C2C-250	Regal 250-S	Regal 250-INT	Regal 250-E	SRO-5000INT	SRO-5000SSS	SRO-5000EXT				
9030807009	C2C-300	Regal 300-S	Regal 300-INT	Regal 300-E	SRO-6000SSS	SRO-6000EXT					

Controllable, Reliable and Silent

OCTO VarioS Skimmer Pump

Introducing our all new OCTO series Direct Current (DC) skimmer pump, OCTO VarioS features a pinwheel impeller rotor, an all new controller with a 0-10V port, high quality ceramic shaft and bearing 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 uses alternating current (AC), our OCTO VarioS pump boasts several key advantages over traditional AC pump, namely, higher energy efficiency, safer operations at a working voltage of 24V(VarioS 6-S uses DC36V) and most notably, the variable speed control to adjust the ideal mix of air and water flow into the skimmer.

Enhanced Control

With the controller, user has full control over the flowrate by selecting amongst five preset speed settings; indicated by five lit LEDs. A 15 or 60 minutes feed mode can also be engaged or disengaged with the push of a button.

A rotatable output volute orientation allows for adjustment horizontally or vertically for placement flexibility.

Under normal usage, OCTO VarioS has an expected lifespan/product life expectancy of 10 years.

Available in 3 models – OCTO VarioS 2-S, OCTO VarioS 4-S and OCTO VarioS6-S.

FEATURES & BENEFITS

- In-built circulating plus intricate cooling mechanism to prevent pump from overheating
- Auto shutdown upon detection of circuitry abnormalities
- Durable, high quality ceramic shaft and bearings
- Energy saving and ultra-quiet operation
- Rotatable outlet volute
- Controller with 5 variable speed settings
- Dual Feed Mode 15 or 60 mins
- 0-10V port for external controller
- Float Switch Control
- Float Switch and Controller Mounting Bracket included



VarioS Skimmer Pump



VarioS 2-S



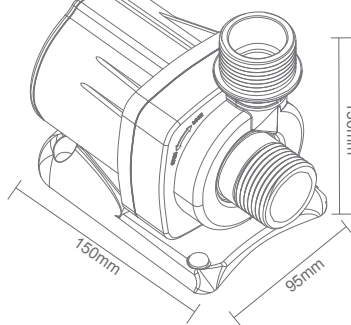
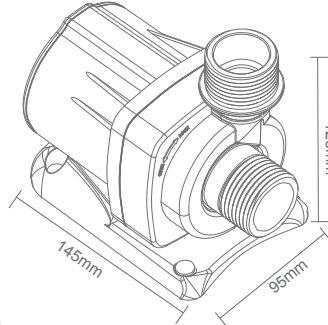
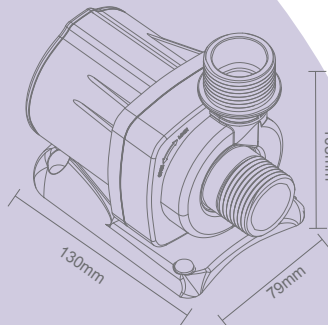
VarioS 4-S



VarioS 6-S



Dimension



VarioS Skimmer Pump

Item No.	Product	Power	Wet/Dry	Power	Max Air Intake		Maximum Flow Rate		Connection Size (outlet)
					LPH	GPH	LPH	GPH	
110104	VarioS 2-S	DC24V	Both	25	900	238	900	238	Φ32 (1")
110105	VarioS 4-S	DC24V	Both	40	1500	396	1600	422	Φ32 (1")
110106	VarioS 6-S	DC36V	Both	70	2400	634	2000	528	Φ40 (1-1/4")

Controllable, Reliable and Silent

OCTO VarioS Circulation Pump

by REEF OCTOPUS

OCTO VarioS Circulation Pump

Similar to the DC Skimmer Pump, this OCTO series DC circulation pump, OCTO VarioS features an all new controller with a 0-10V port, higher maximum delivery head, high quality ceramic shaft and bearing 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 uses alternating current (AC), our OCTO VarioS pump boasts several key advantages over traditional AC pump, namely, higher energy efficiency, safer operations at a working voltage of 24V(VarioS 6 and VarioS 8 uses DC36V), less heat produced with every volume of water flow and most notably, the variable speed control to adjust the water flow rates.

Enhanced Control

With the controller, user has full control over the flowrate by selecting amongst five preset speed settings; indicated by five lit LEDs. A 15 or 60 minutes feed mode can also be engaged or disengaged with the push of a button.

A rotatable output volute orientation allows for adjustment horizontally or vertically for placement flexibility.

Under normal usage, OCTO VarioS has an expected lifespan/product life expectancy of 10 years.

Note: Above models are not pressure rated pump. This pump is not for second floor applications or to feed Beckett or downdraft skimmers where constant pressure is required.

Available in 4 models – OCTO VarioS 2, OCTO VarioS 4, OCTO VarioS 6 and OCTO VarioS 8.

FEATURES & BENEFITS

- In-built circulating plus intricate cooling mechanism to prevent pump from overheating
- Auto shutdown upon detection of circuitry abnormalities
- Durable, high quality ceramic shaft and bearings
- Energy saving and ultra-quiet operation
- Rotatable outlet volute
- Controller with 5 variable speed settings
- Dual Feed Mode 15 or 60 mins
- 0-10V port for external controller
- Float Switch Control
- Float Switch and Controller Mounting Bracket included



VarioS 2

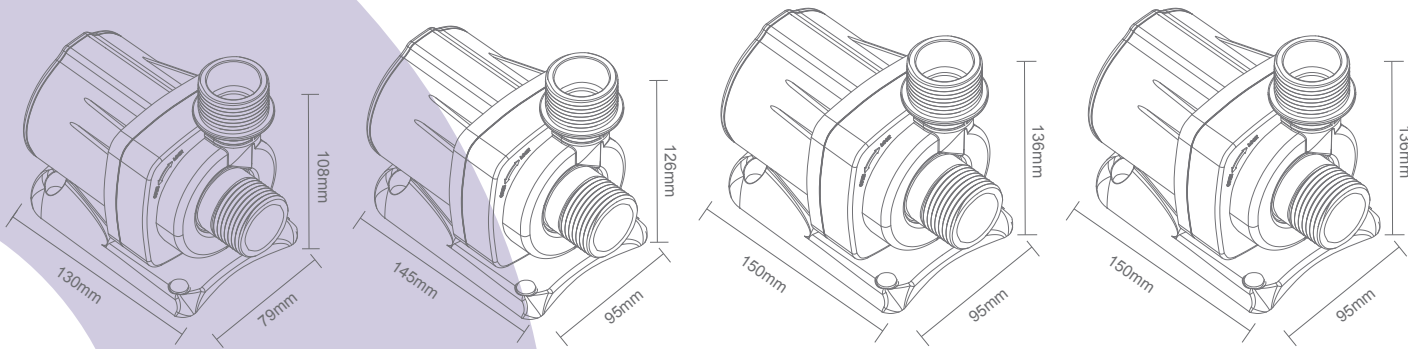
VarioS 4

VarioS 6

VarioS 8

Neodymium Magnet

Dimension



VarioS Circulation Pump

Item No.	Product	Power	Wet/Dry	Power	Max Head Height		Maximum Flow Rate		Connection Size		Fresh Water / Marine
					W	m	LPH	GPH	Inlet	Outlet	
110101	VarioS 2	DC24V	Both	25	4.0	13.1	3000	792	Φ32 (1")	Φ32 (1")	Both
110102	VarioS 4	DC24V	Both	40	4.5	14.7	4000	1056	Φ40 (1-1/4")	Φ32 (1")	Both
110103	VarioS 6	DC36V	Both	70	4.9	16.0	6500	1720	Φ40 (1-1/4")	Φ40 (1-1/4")	Both
110107	VarioS 8 *	DC36V	Both	98	5.7	18.7	10000	2646	Φ40 (1-1/4")	Φ40 (1-1/4")	Both

* Uses Neodymium Magnet

Engineered for pressure rated applications



VarioS 10 Circulation Pump
 Similar to the VarioS skimmer pump, this **VarioS 10** circulation pump features a detachable controller, 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 uses alternating current (AC), our **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 flowing and most notably, the variable speed control for adjustment of flow rate.

Enhanced Control
 With the controller, user has full control over the flowrate by selecting 90 preset speed settings, indicated within by its built-in display panel, which also allow the user to view both the wattage and RPM of the pump in real time. A 15 or 60 minutes feed mode can also be engaged or disengaged with the push of a button.

A rotatable output volute orientation allows for adjustment horizontally or vertically for placement flexibility.

Under normal usage, our entire range VarioS pump has an expected lifespan/product life expectancy of 10 years.

4 other models available – VarioS 2 (24V),VarioS 4(24V), VarioS 6(36V) and VarioS 8(36V) .

VarioS 10 is designed for high pressure applications.

FEATURES & BENEFITS

- Controller module with 90 variable speed control settings
- Engineered for high pressure applications
- High quality ceramic shaft and bearings for a more durable and quieter operation
- Rotatable outlet volute
- In-built circulating and intricate cooling mechanism for prevention of overheating of the pump
- Auto shutdown system upon detection of electric circuit abnormalities
- 0-10V external controller connection
- Float switch capability*
- 5 minutes delay timer can be activated
- Dual feed modes (15 or 60 mins)
- DC 36V for safer operations



OCTO

by REEF OCTOPUS

VarioS 10 Circulation Pump



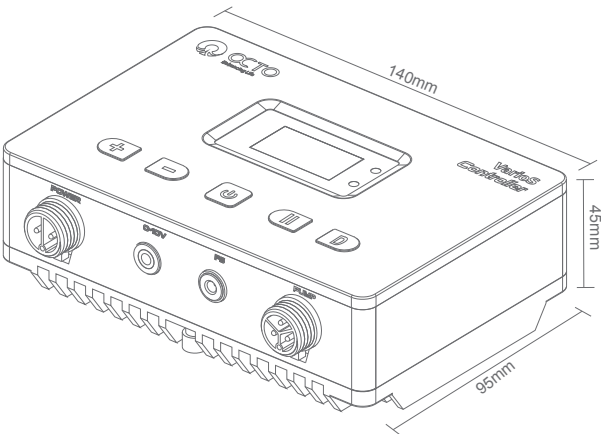
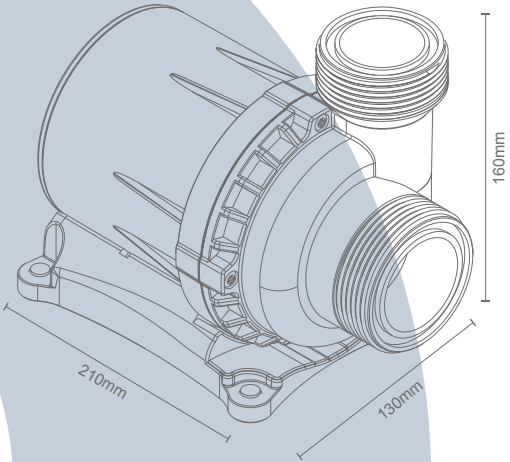
VarioS 10



Varios 10 Controller



Dimension



VarioS 10 Circulation Pump

Item No.	Product	Power	Wet/Dry	Power	Max Head Height		Maximum Flow Rate		Connection Size		Freshwater/Marine
					W	Ft.	LPH	GPH	Inlet	Outlet	
9010108	VarioS 10	DC36V	Both	200	9	29.5	16000	4220	Φ50 (1-1/2")	Φ40 (1-1/4")	Both

*Sold separately



WiFi Controller + APP the ideal upgrade!

With this WiFi controller, you can control and set all the functions via our APP, giving you a more bespoke experience.

Including push notifications via APP should in the unlikely event that an anomaly occurs.

FEATURES & BENEFITS

- APP notification upon detection of abnormalities
- WiFi Controller module with 8 variable speed control settings
- IOS and Android
- 5 minutes delay timer
- 0-10V port for external controller
- Float Switch control
- Float Switch and Controller Mounting Bracket included

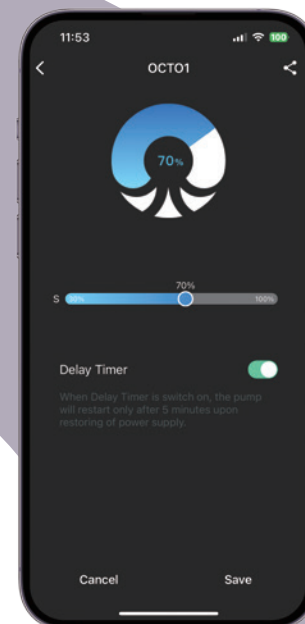


OCTO VarioS Controller +

by REEF OCTOPUS

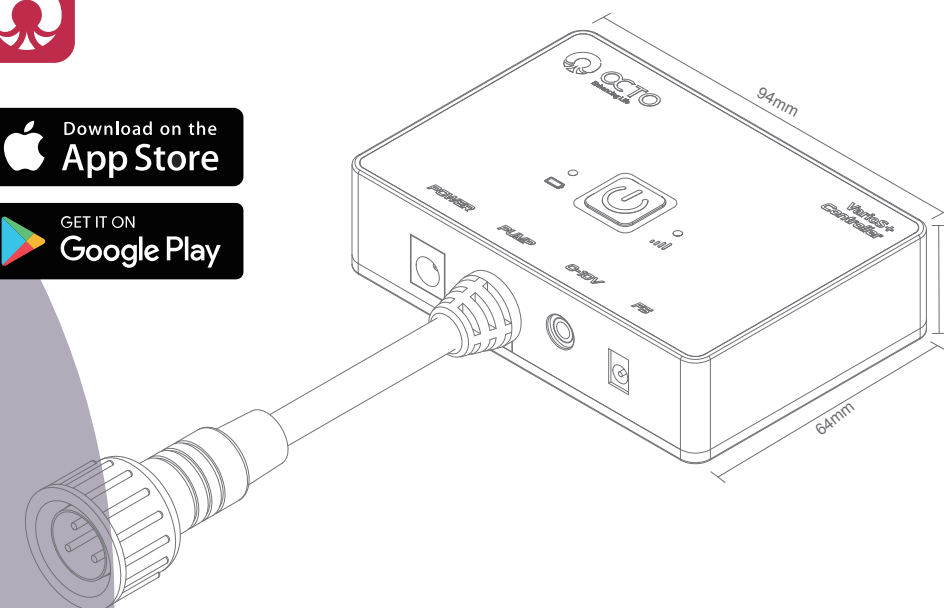


Dimension



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App Store

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VarioS Controller +

Item No.	Product	Description
9010109009	VarioS 2 controller +	WiFi Enable Flow Controller, Suitable for VarioS 2, complete with Float Switch and Bracket
9010111009	VarioS 4 controller +	WiFi Enable Flow Controller, Suitable for VarioS 4, complete with Float Switch and Bracket
9010113009	VarioS 6 controller +	WiFi Enable Flow Controller, Suitable for VarioS 6, complete with Float Switch and Bracket
9010115009	VarioS 8 controller +	WiFi Enable Flow Controller, Suitable for VarioS 8, complete with Float Switch and Bracket
9010110009	VarioS 2-S controller +	WiFi Enable Flow Controller, Suitable for VarioS 2-S, complete with Float Switch and Bracket
9010112009	VarioS 4-S controller +	WiFi Enable Flow Controller, Suitable for VarioS 4-S, complete with Float Switch and Bracket
9010114009	VarioS 6-S controller +	WiFi Enable Flow Controller, Suitable for VarioS 6-S, complete with Float Switch and Bracket

Affordable and reliable



AQ Skimmer Pump

Affordable and reliable

One of the most cost effective and reliable Skimmer Pump in the market today. Low wattage, compact in size and high in flow rate.

Specifically engineered to run on Protein Skimmers, it is highly efficient and durable compared to other skimmer pumps.

AQ Water Pump

Affordable and reliable

One of the most cost effective Wet/Dry Water Circulation Pump in the market today. Low wattage, compact in size and high in flow rate.



AQ pump

Unit: mm



Unit: mm



Skimmer Pump

Item No.	Model No.	Wet/Dry	Air Intake				Power		Maximum Flow Rate				Connection Size (outlet)
			50Hz		60Hz		50Hz	60Hz	50Hz		60Hz		
			LPH	GPH	LPH	GPH	W	W	LPH	GPH	LPH	GPH	
110208	AQ-1000S	Both	420	111	454	120	8	9	350	92	350	92	Φ25 (3/4")
110209	AQ-1800S*	Both	480	127	511	135	10	11	530	140	530	140	Φ25 (3/4")
110210	AQ-2000S	Both	720	190	720	190	17	18	750	198	750	198	Φ25 (3/4")
110211	AQ-3000S*	Both	880	232	871	230	35	35	800	211	800	211	Φ32 (1")

Water Pump

Item No.	Model No.	Wet/Dry	Power		Max Head Height				Maximum Flow Rate				Connection Size (outlet)	Fresh Water / Marine
			50Hz	60Hz	50Hz		60Hz		50Hz		60Hz			
			W	W	m	Ft.	m	Ft.	LPH	GPH	LPH	GPH		
110201	AQ-800	Both	6	7	0.8	2.6	0.9	3.0	880	232	908	240	Φ20 (1/2")	Both
110203	AQ-1200	Both	10	15	1.1	3.6	1.3	4.3	1300	343	1287	340	Φ20 (1/2")	Both
110206	AQ-2000	Both	42	45	2.0	6.5	2.1	6.9	2000	528	2203	582	Φ25 (3/4")	Both
110207	AQ-3000*	Both	62	65	2.8	9.2	2.8	9.2	3300	871	3501	925	Φ25 (3/4")	Both

* Uses Neodymium Magnet

Powerful, efficient and reliable

Bubble Blaster

Our Bubble Blaster are specifically engineered for Protein Skimmer, with a clear volute which create intense amount of bubbling, much more than a conventional pump. While most other skimmer pumps in the market are water pumps fitted with a modified needle impeller, our Bubble Blaster pumps were the first pumps specially engineered to enhance and increase the efficiency of our protein skimmers.

Our pumps uses the rare earth magnet (Neodymium) which produces a lot more power than a regular Ferrite magnet, and can be up to 9 times more expensive.

An in-built Digital Circuit Board ensure that a constant flow rate is maintained, and prevent the pump from damage by controlling the directional start-up and RPM speed.

During pump operation, should a problem be detected, the pump will shut itself down to prevent damage.

Our Bubble Blaster Pump run silently, efficiently, and at a low temperature. Using Silicon Nitride impeller, which is much more wear resistant compared to ceramics, commonly used in other pumps. It can be run in both Wet or Dry conditions.

Water Blaster

Our Water Blaster recirculation pump is designed to move very large amount of water by using the rare earth magnet (Neodymium) which produces a lot more power than a regular Ferrite magnet, and can be up to 9 times more expensive.

An in-built Digital Circuit Board ensure that a constant flow rate is maintained and prevent the pump from damage by controlling the directional start-up and RPM speed.

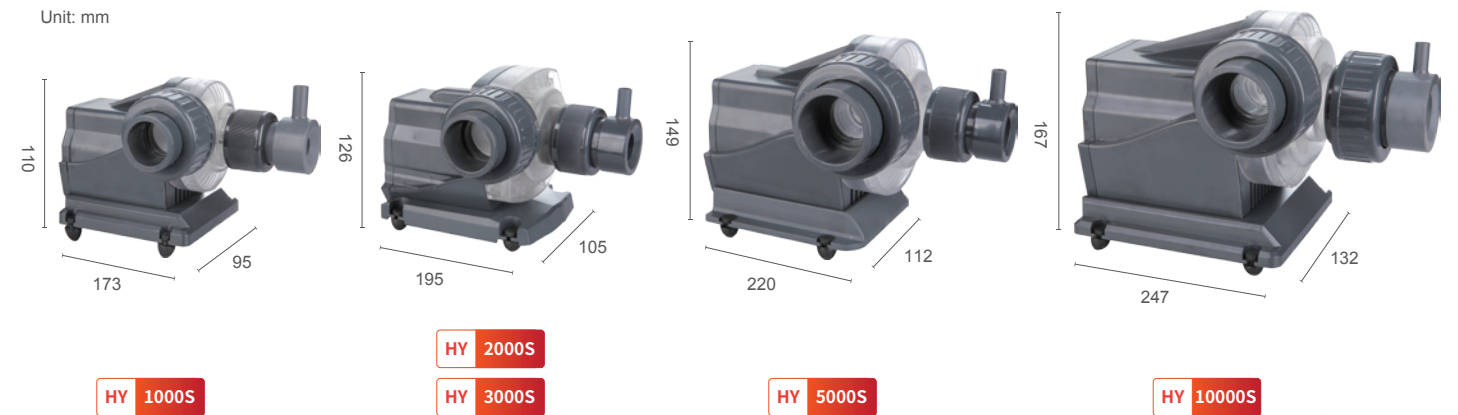
During pump operation, should a problem be detected, the pump will shut itself down to prevent damage.

Our Water Blaster Pump run silently, efficiently, and at a low temperature. Using Silicon Nitride impeller, which is much more wear resistant compared to ceramics, commonly used in other pumps. It can be run in both Wet or Dry conditions.



HY pump

Unit: mm



Unit: mm



Skimmer Pump

Item No.	Model No.	Wet/Dry	Air Intake				Power		Maximum Flow Rate				Connection Size (outlet)
			50Hz		60Hz		50Hz	60Hz	50Hz		60Hz		
			LPH	GPH	LPH	GPH	W	W	LPH	GPH	LPH	GPH	
110310	HY-1000S	Both	540	143	644	170	15	20	520	137	568	150	Φ25 (3/4")
110311	HY-2000S	Both	960	253	1022	270	25	30	900	238	946	250	Φ32 (1")
110312	HY-3000S	Both	1100	290	1136	300	30	35	1550	409	1609	425	Φ32 (1")
110313	HY-5000S	Both	2100	554	2385	630	40	55	1700	449	1817	480	Φ40(1-1/4")
110314	HY-10000S	Both	4000	1056	4542	1200	100	125	3200	845	3293	870	Φ40(1-1/4")

Water Pump

Item No.	Model No.	Wet/Dry	Power		Max Head Height				Maximum Flow Rate				Connection Size		Fresh Water / Marine
			50Hz	60Hz	50Hz		60Hz		50Hz		60Hz		Inlet	Outlet	
			W	W	m	Ft.	m	Ft.	LPH	GPH	LPH	GPH			
110301	HY-1000W	Both	13	13	1.4	4.6	1.4	4.6	1600	422	1666	440	Φ25 (3/4")	Φ20 (1/2")	Both
110302	HY-2000W	Both	18	18	1.8	6.0	1.8	6.0	2000	528	2101	555	Φ25 (3/4")	Φ20 (1/2")	Both
110303	HY-3000W	Both	30	35	2.3	7.5	2.6	8.5	3400	898	3483	920	Φ32 (1")	Φ25 (3/4")	Both
110304	HY-4000W	Both	40	45	2.7	8.9	2.9	9.5	4200	1109	4599	1215	Φ32 (1")	Φ25 (3/4")	Both
110305	HY-5000W	Both	55	60	3.3	10.8	3.4	11.0	5200	1373	5489	1450	Φ40 (1-1/4")	Φ32 (1")	Both
110306	HY-7000W	Both	70	80	3.6	11.8	4.3	14.0	6900	1822	7382	1950	Φ40 (1-1/4")	Φ32 (1")	Both
110307	HY-10000W	Both	95	120	4.3	14.1	4.9	16.0	10000	2640	10221	2700	Φ40 (1-1/4")	Φ32 (1")	Both
110308	HY-12500W	Both	165	175	4.8	15.7	5.6	18.5	12500	3300	12492	3300	Φ40 (1-1/4")	Φ40 (1-1/4")	Both
110309	HY-16000W	Both	200	250	5.1	16.7	6.7	22	15000	3960	15596	4120	Φ40 (1-1/4")	Φ40 (1-1/4")	Both



Introducing our new OCTO series Direct Current (DC) Wave Pump, OCTO Pulse features a Multiple Angle Adjustment, an all new controller with a 0-10V port, 4 pre-program pulsing patterns, high quality ceramic shaft and bearing to reduce wear and tear, and the latest variable speeds flow technology for refined control, enhanced performance, energy-efficiency and safer operations.

With the bespoke controller, users have full control over the flow rates by selecting amongst eight preset speed settings; indicated by eight lit LEDs. A 15 or 60 minutes feed mode can also be engaged or disengaged with the push of a button.

FEATURES & BENEFITS

- 360° Range of Adjustment
- Low-profile Magnetic Mount
- Strong Rare-earth Magnet Impeller
- Compact & Durable Construction
- Silent Operation
- 4 Preprogrammed Flow Patterns
- Dual Feed Mode - 15 or 60 min
- 0-10V External Controller Connection



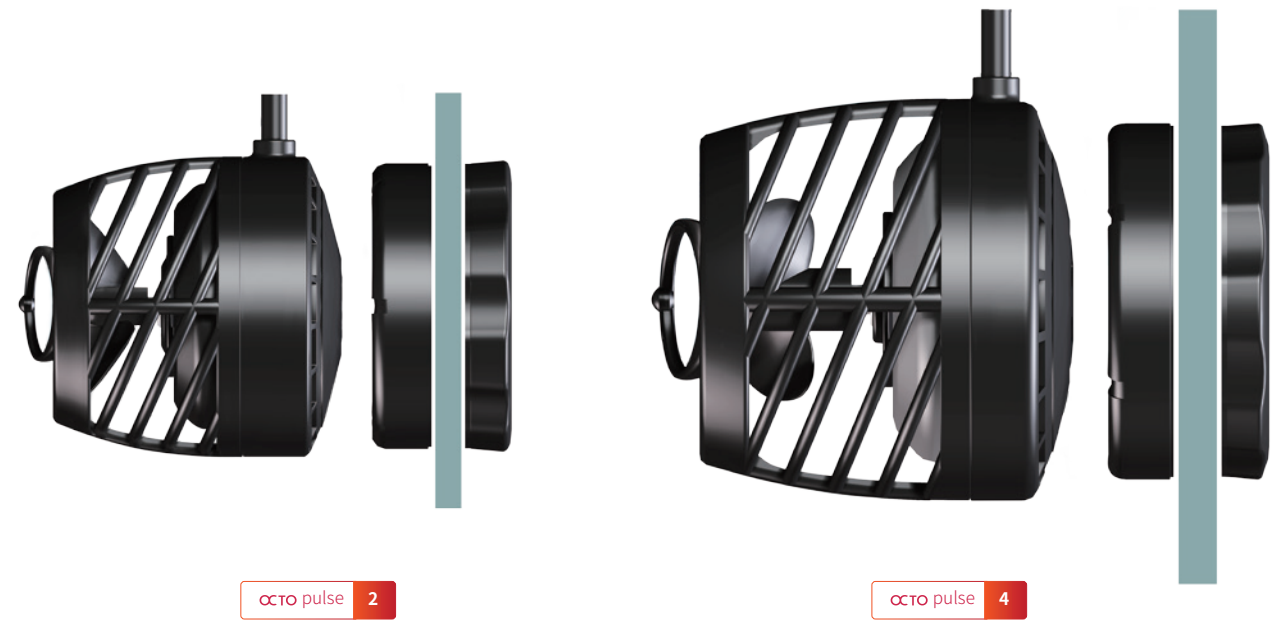
DID YOU KNOW?
We are the first protein skimmer manufacturer in the world that designs and produces our own skimmer pumps. Our skimmer pumps have been specifically engineered to enhance and increase the efficiency of our protein skimmer.



Generates Massive Water Movement.

OCTO Pulse

by REEF OCTOPUS

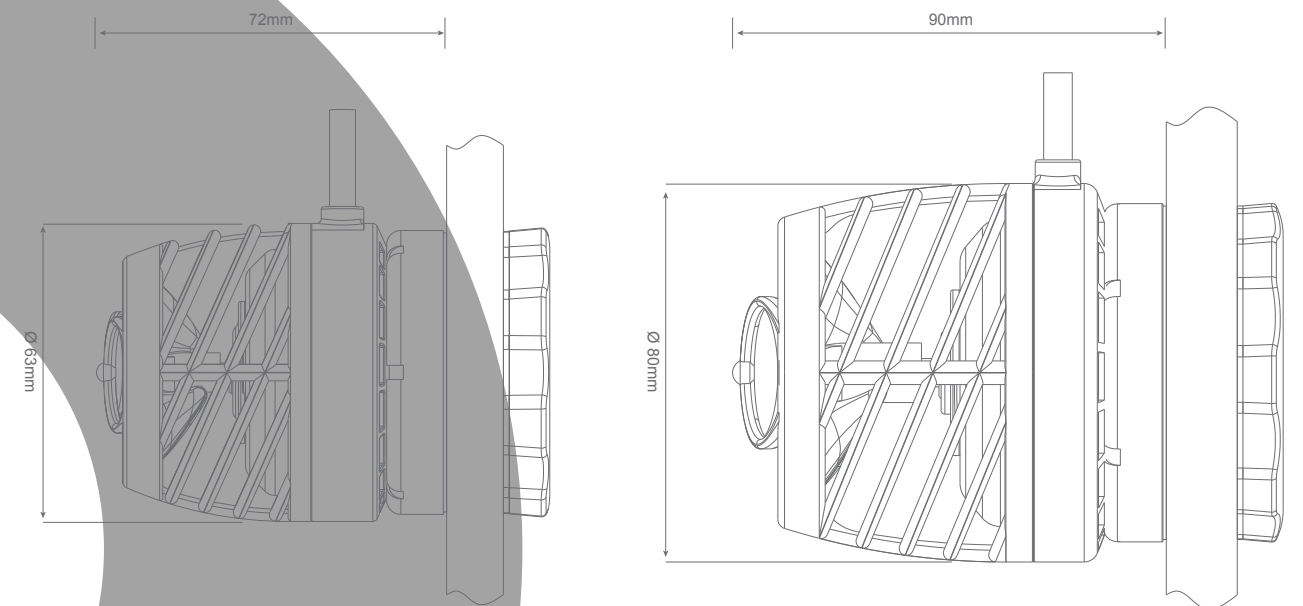


OCTO pulse 2

OCTO pulse 4



Dimension



OCTO Pulse Wave Pump

Item No.	Product	Power	Max Flow Rate		Power	Tank Water Volume		Suggested Tank size		Max Wall Thickness	
			LPH	GPH	W	L	US GAL	cm	in	mm	in
110401	OP-2	DC24V	6000	1585	5-10	80-300	21-80	40-100	16-40	12	1/2
110402	OP-4	DC24V	17000	4490	11-32	300-1800	80-475	100-180	40-71	15	5/8

Introducing our new OCTO Series Direct Current (DC) Wave Pump, OCTO Pulse features Multiple Angles Adjustment, a new WIFI Controller, APP Control and couple with a 0-10V Port, 4 programmable wave patterns, high quality ceramic shaft and bearing to reduce wear and tear, and the latest variable speeds flow technology for refined control, enhanced performance, energy-efficiency and safer operations.

Our New WIFI enable controller can now power *Two Wave Pumps simultaneously and settings between these two wave pumps easily via our bespoke OCTO APP available for both IOS or Android devices.

FEATURES & BENEFITS

- Wi-Fi enable
- APP controllable
- APP bespoke functions
 1. Flow Patterns, Flow Rate and Flow Time can be individually control
 2. Up to 5 timezone for different flow patterns
- Single Controller to control and power 2 wave pumps*

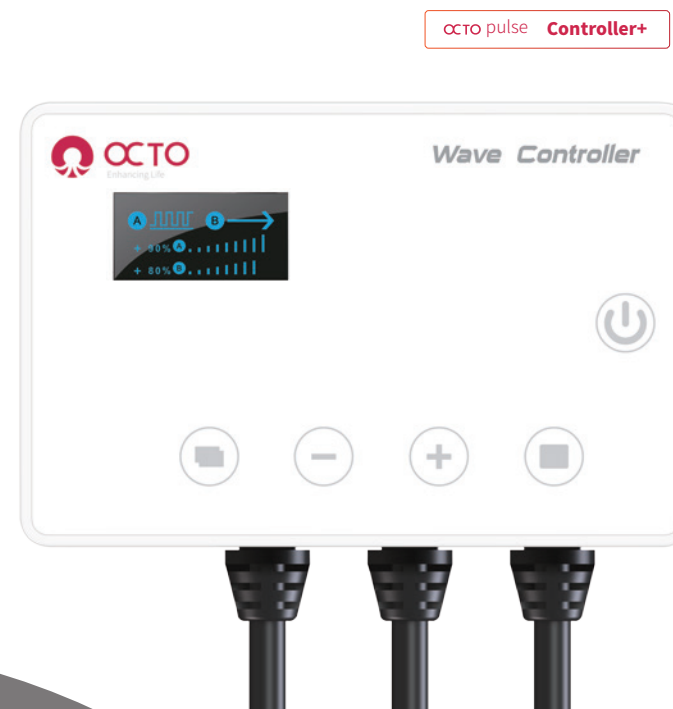


*DID YOU KNOW?
We are the first protein skimmer manufacturer in the world that designs and produces our own skimmer pumps. Our skimmer pumps have been specifically engineered to enhance and increase the efficiency of our protein skimmer.*



OCTO OCTO Pulse+

by REEF OCTOPUS



OCTO pulse 4+



OCTO pulse 2+

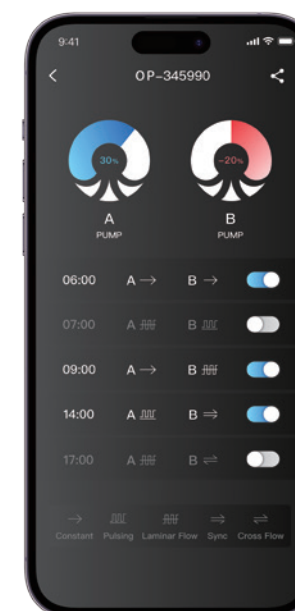


OCTO APP



Download on the
App Store

GET IT ON
Google Play



OCTO Pulse+ Wave Pump

Item No.	Product	Maximum Flow Rate		Power	Tank Water Volume		Suggested Tank size		Max Wall Thickness	
		LPH	GPH		L	US GAL	cm	in	mm	in
9010407009	OP-2+	6000	1585	5-10	80-300	21-80	40-100	16-40	12	1/2
9010408009	OP-4+	17000	4490	11-32	300-1800	80-475	100-180	40-71	15	5/8
9010406009	OP Controller +	Compatible with OP-2, OP-4, OP-2+ and OP-4+ (WiFi)								

*OP-2+ Power Adapter can power 2 units of OP-2 only.

*OP-4+ Power Adapter can power all combinations of Pulse wave pump.



Commercial Sector

Our range of product extend beyond the Marine Hobbyist. We also develop products for the commercial sector including Public Aquariums, Fish Farms and Aquaculture Centres up to 100,000 Litreage (26,000 USGal) per unit.

We have a range of standard (Q series) as well as customised products to suit the various needs of different customers worldwide.

Please contact us at info@reefoctopus.com should you need commercial equipment to suit your specific needs.



OCTO Commercial Skimmer

by REEF OCTOPUS



SRO XP8000I



SRO XP8000E

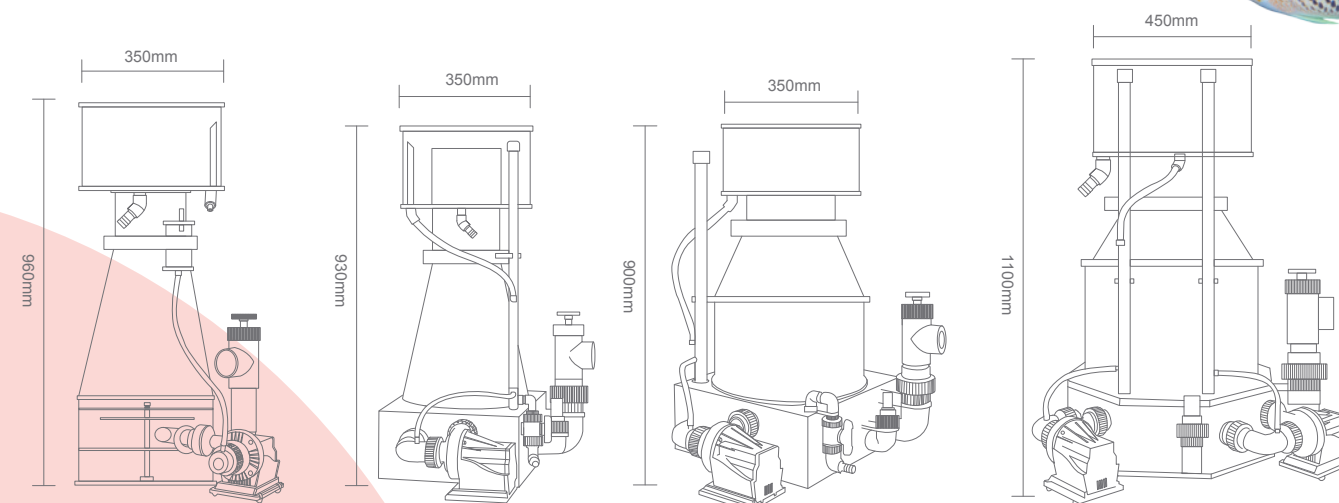


SRO 8000EXT



SRO 9000EXT

Dimension



Commercial Skimmer

Item No.	Product	Wet/ Dry	Body	Body Diameter		Cup Diameter		Neck Diameter		Footprint				Height		Output Size	Water Inlet Size		Tank Volume		Feed Pump Suggestion	
				mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch		mm	inch	L	US Gal	LPH	GPH
120407	SRO-XP8000I	Wet	Full Conical	-	-	350	13.8	180	7.092	550	370	21.7	14.578	960	37.8	Φ63 m m (2")	-	-	4000-5000	1056-1320	-	-
120414	SRO-XP8000E	Dry	Full Conical	-	-	350	13.8	180	7.092	600	520	23.6	20.488	930	36.6	Φ63 m m (2")	32	1	4000-5000	1056-1320	8000-10000	2112-2640
120412	SRO-8000EXT	Dry	Hybrid Conical	400	15.76	350	13.8	220	8.668	635	560	25	22.064	900	35.5	Φ63 m m (2")	32	1	4000-7000	1056-1849	10000-13000	2640-3432
120413	SRO-9000EXT	Dry	Hybrid Conical	500	19.7	450	17.7	250	9.85	820	780	32.3	30.732	1100	43.3	Φ75 m m (2-1/2")	40	1-1/4	5000-10000	1320-2640	13000-18000	3432-4752

Skimmer Pump

Product	Model No.	Air Intake				Power		Maximum Flow Rate			
		50Hz		60Hz		50Hz	60Hz	50Hz		60Hz	
		LPH	GPH	LPH	GPH	W	W	LPH	GPH	LPH	GPH
SRO-XP8000I	HY-10000S	4000	1056	4542	1200	100	125	3200	845	3293	870
SRO-XP8000E	HY-10000S	4000	1056	4542	1200	100	125	3200	845	3293	870
SRO-8000EXT	HY-10000S	4000	1056	4542	1200	100	125	3200	845	3293	870
SRO-9000EXT	HY-10000S*2	8000	2112	9085	2400	200	250	6400	1690	6587	1740

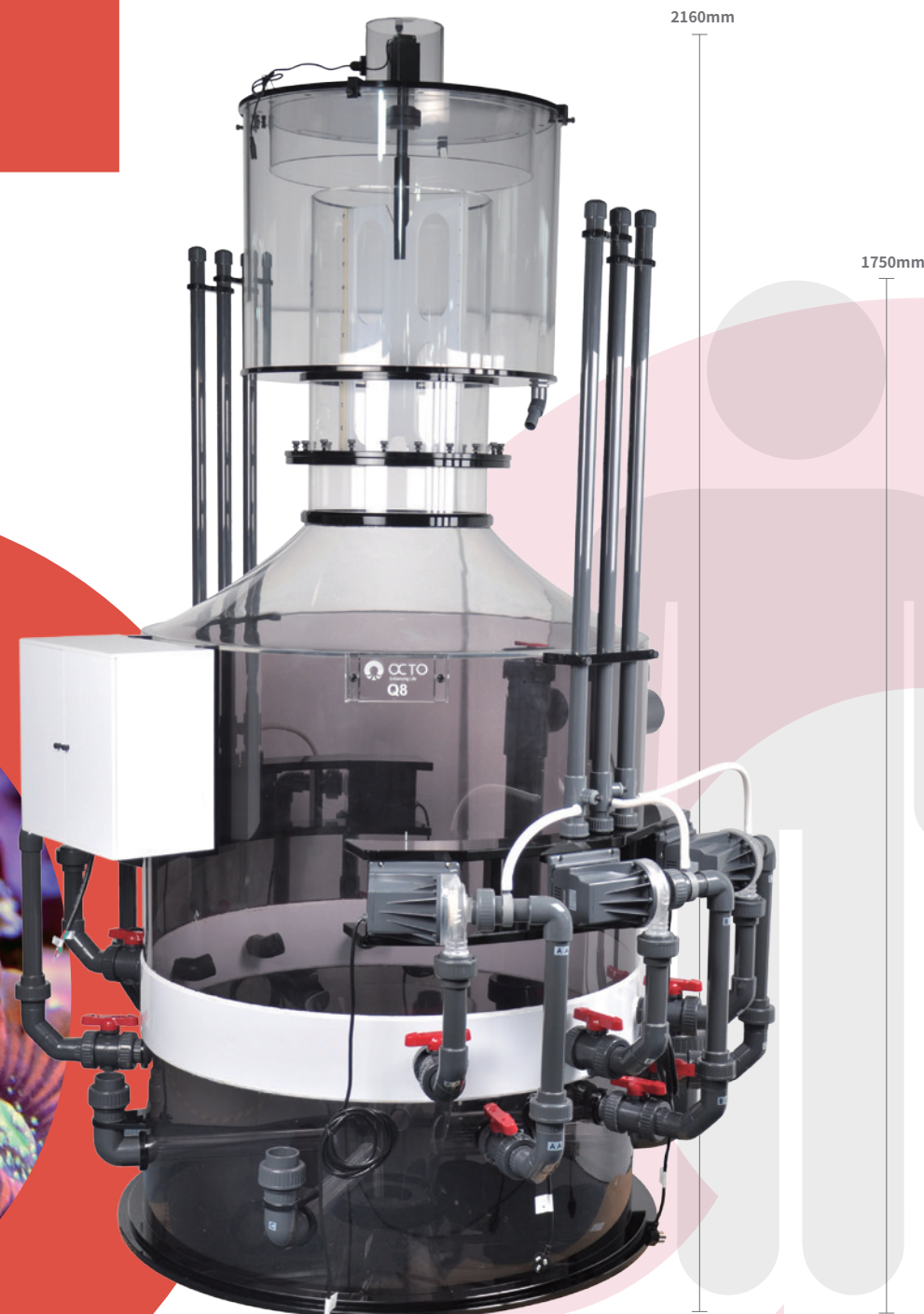


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Please contact us at info@reefoctopus.com should you need commercial equipment to suit your specific needs.



OCTO by REEF OCTOPUS Commercial Skimmer



Q5



Q6

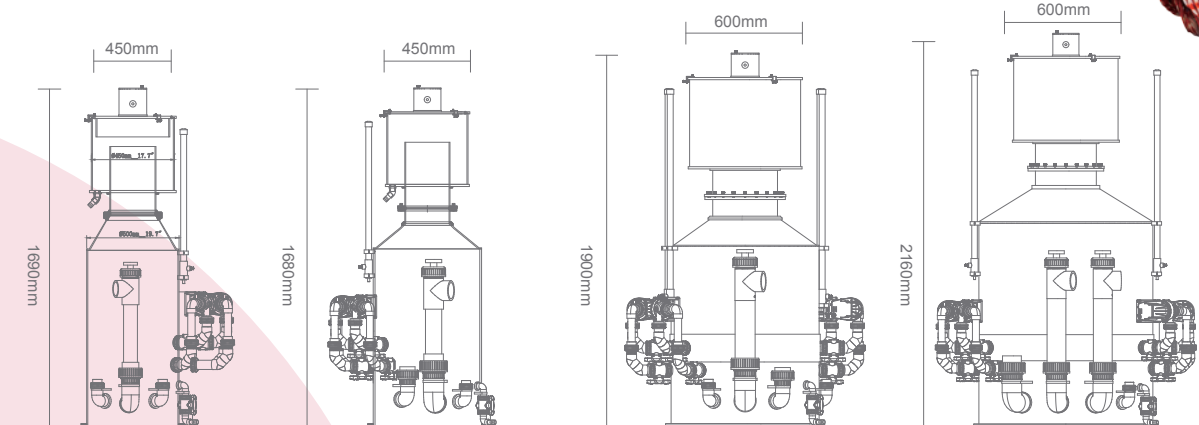


Q7



Q8

Dimension



Commercial Skimmer

Item No.	Product	Wet/Dry	Body	Body Diameter		Cup Diameter		Neck Diameter		Footprint				Height		Output Size	Water Inlet Size		Tank Volume		Feed Pump Suggestion	
				mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch		Union	L	US Gal	LPH	GPH	
170101	Q5	Dry	Hybrid Conical	500	19.7	450	17.7	250	9.85	820	720	32.3	28.368	1690	66.6	Φ75 mm (2-1/2")	50 * 2 (1-1/2) * 2	15000	3960	10000-20000	2640-5280	
170102	Q6	Dry	Hybrid Conical	600	23.64	450	17.7	250	9.85	1100	1000	43.3	39.4	1680	66.2	Φ90 mm (3")	50 * 1 (1-1/2) * 1 63 * 1 (2) * 1	30000	7920	10000-20000	2640-5280	
170103	Q7	Dry	Hybrid Conical	800	31.52	600	23.6	350	13.79	1135	1050	44.7	41.37	1900	74.9	Φ90 mm (3")	50 * 2 (1-1/2) * 2 63 * 1 (2) * 1	60000	15840	20000-30000	5280-7920	
170104	Q8	Dry	Hybrid Conical	1000	39.4	600	23.6	350	13.79	1520	1270	59.9	50.038	2160	85.1	Φ90 mm (3") * 2Pcs	50 * 3 (1-1/2) * 3 90 * 1 (3) * 1	100000	26400	35000-45000	9240-11880	

Skimmer Pump

Product	Model No.	Air Intake				Power		Maximum Flow Rate			
		50Hz		60Hz		50Hz	60Hz	50Hz		60Hz	
		LPH	GPH	LPH	GPH	W	W	LPH	GPH	LPH	GPH
Q5	HY-10000S*2	8000	2112	9085	2400	200	250	6400	1690	6587	1740
Q6	HY-10000S*3	12000	3168	13627	3600	300	375	9600	2534	9880	2610
Q7	HY-10000S*4	16000	4224	18170	4800	400	500	12800	3379	13173	3480
Q8	HY-10000S*6	24000	6336	27255	7200	600	750	19200	5069	19760	5220



Commercial Sector

Our range of product extend beyond the Marine Hobbyist. We also develop products for the commercial sector including Public Aquariums, Fish Farms and Aquaculture Centres up to 100,000 Literage (26,000 USGal) per unit.

We have a range of standard (Q series) as well as customised products to suit the various needs of different customers worldwide.

Please contact us at info@reefocopus.com should you need commercial equipment to suit your specific needs.



Commercial Calcium Reactor



CR 250PRO

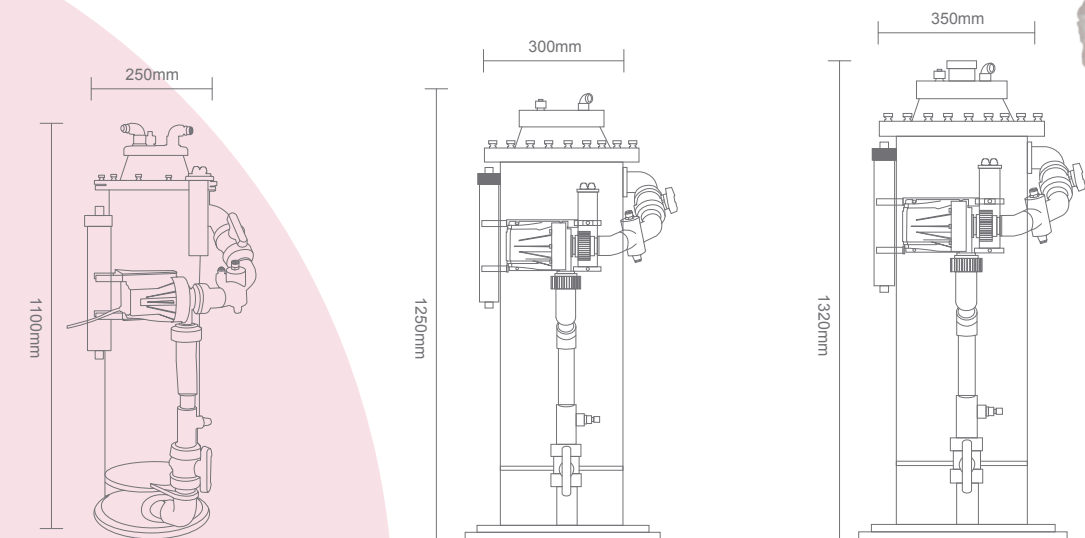


CR 300PRO



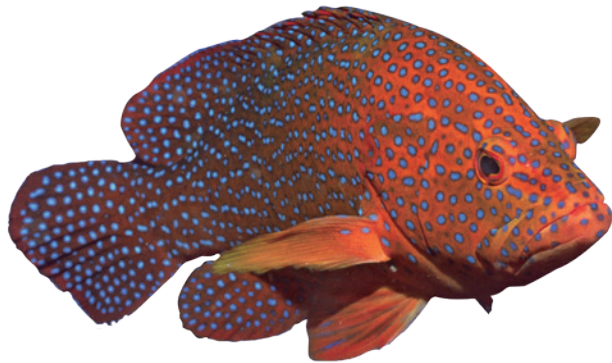
CR 350PRO

Dimension



Commercial Calcium Reactor

Item No.	Product	Wet/ Dry		Pump	Power		Diameter		Footprint				Height		Media Capacity		Inlet/ Outlet Size	Tank Volume	
					W	W	mm	inch	mm		inch		mm	inch	L	US Gal		L	US Gal
					50Hz	60Hz													
170201	CR-250 PRO	Dry	HY-7000W	70	80	250	9.9	460	440	18.1	17.3	1100	43.3	25	6.6	Φ10 mm (0.39")	3700-5550	977-1465	
170202	CR-300 PRO	Dry	HY-10000W	95	120	300	11.8	560	540	22.1	21.3	1250	49.3	45	11.9	Φ10 mm (0.39")	6700-10050	1770-2653	
170203	CR-350 PRO	Dry	HY-12500W	165	175	350	13.8	610	590	24.0	23.2	1320	52.0	70	18.5	Φ10 mm (0.39")	10000-15000	2640-3960	



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Commercial Bio Reactor



BR 05T

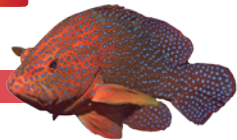
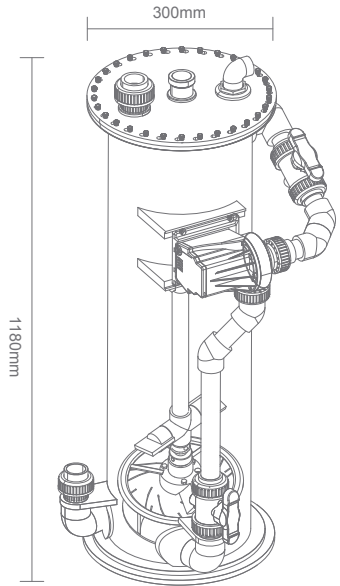
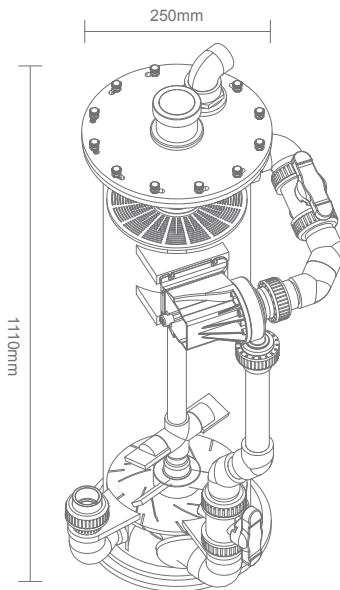
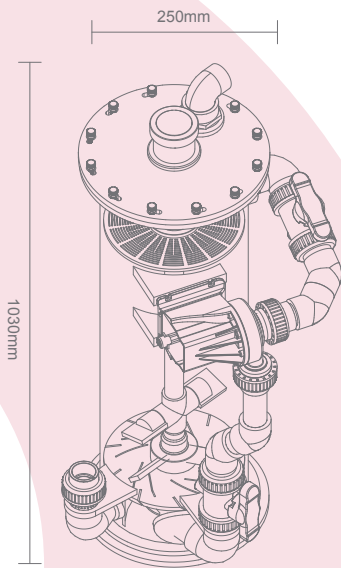


BR 10T



BR 20T

Dimension



Commercial Bio Reactor

Item No.	Product	Wet/ Dry		Pump	Power		Diameter		Footprint		Height		Max Bio Sphere		Tank Volume	
					W	W	mm	inch	mm	inch	mm	inch	L	US Gal	L	US Gal
170301	BR-05T	Dry		HY-5000W	55	60	250	9.9	450	430	1030	40.6	5	1.3	5000	1320
170302	BR-10T	Dry		HY-7000W	70	80	250	9.9	450	430	1110	43.7	10	2.6	10000	2640
170303	BR-20T	Dry		HY-10000W	95	120	300	11.8	550	530	1180	46.5	15	4.0	20000	5280



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Commercial Bio Reactor



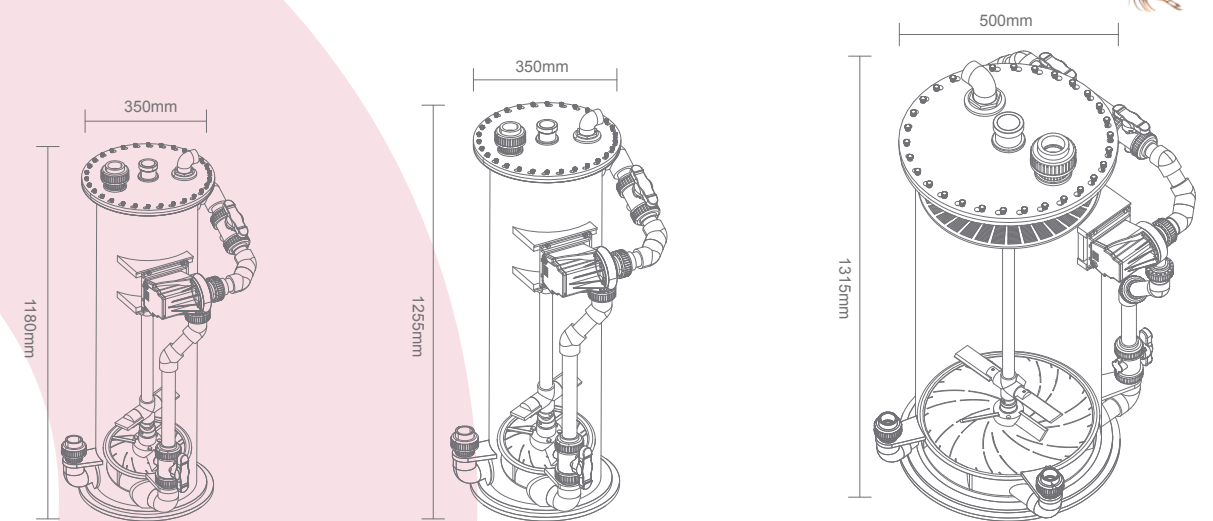
BR 30T

BR 45T

BR 150T



Dimension



Commercial Bio Reactor

Item No.	Product	Wet/		Power		Diameter		Footprint				Height		Max Bio Sphere		Tank Volume	
		Dry	Pump	W	W	mm	inch	mm		inch		mm	inch	L	US Gal	L	US Gal
				50Hz	60Hz												
170304	BR-30T	Dry	HY-10000W	95	120	350	13.8	600	580	23.6	22.9	1180	46.5	18	4.8	30000	7920
170305	BR-45T	Dry	HY-12500W	165	175	350	13.8	600	580	23.6	22.9	1255	49.4	25	6.6	45000	11880
170306	BR-150T	Dry	HY-12500W*2	330	350	500	19.7	870	740	34.3	29.2	1315	51.8	50	13.2	150000	39600

The marine specialist!



Cleaner 200

Cleaner 250F

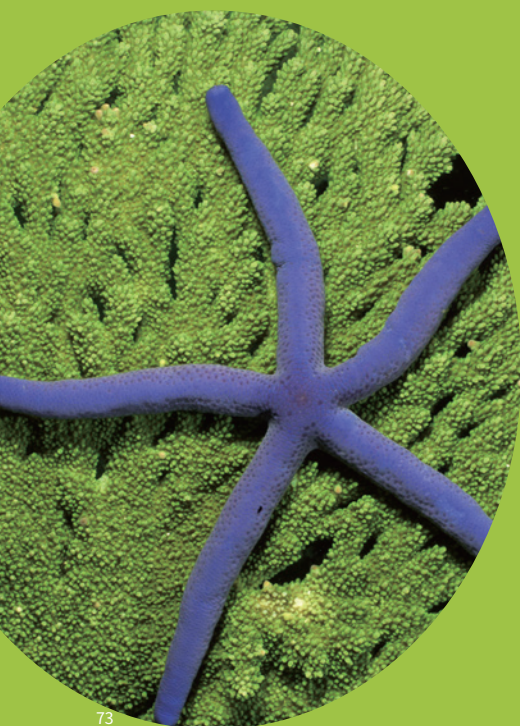


Neck 200-TL

Neck 150-TL

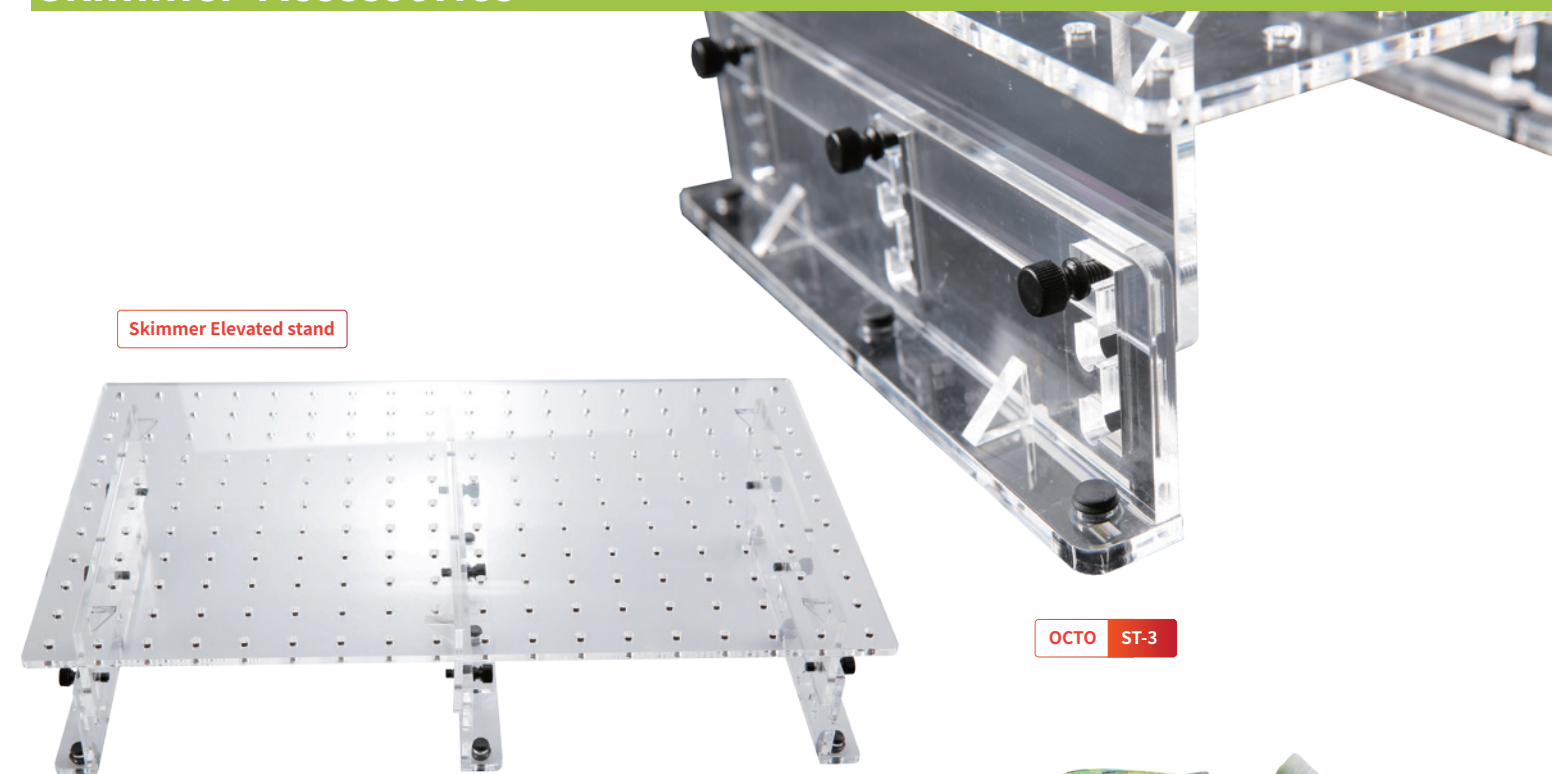


DID YOU KNOW?
We are the first protein skimmer manufacturer in the world that designs and produces our own skimmer pumps. Our skimmer pumps have been specifically engineered to enhance and increase the efficiency of our protein skimmer.



OCTO Skimmer Accessories

by REEF OCTOPUS



Skimmer Elevated stand

OCTO ST-3



Skimmer Stand

Item No.	Product	Foot print	Height Adjustable
127115	ST-1	280*190mm (11*7.5")	78mm(3") / 96mm(3.8") / 114mm(4.5")
127116	ST-2	330*230mm (13*9")	78mm(3") / 96mm(3.8") / 114mm(4.5")
127117	ST-3	450*280mm (17.7*11")	78mm(3") / 96mm(3.8") / 114mm(4.5")

Cup Cleaner

Item No.	Product	Fit motor	Compatible with OCTO Skimmer
127101	Cleaner 110	49KTYZ	Classic 110-S,Classic-110INT,Classic-110EXT,SRO-1000INT
127102	Cleaner 150	60KTYZ	Classic 150-S,Classic 152-S,Classic-150INT,Classic-150EXT,Regal 150-S,Regal-150INT,SRO-2000INT
127103	Cleaner 200	60KTYZ	Classic 202-S,Classic-200INT,Classic-200EXT,Regal 200-S, Regal 200-E,Regal 200-INT,SRO-3000INT,SRO-3000EXT
127104	Cleaner 250	60KTYZ	SRO-5000INT,SRO-5000EXT,SRO-5000SSS
127105	Cleaner 300	60KTYZ	SRO-6000EXT,SRO-6000SSS
9060111	Cleaner 220F	60KTYZ	Elite 220-S, Elite 220-INT
127118	Cleaner 250F	60KTYZ	Regal 250-S, Regal 250-INT,Regal 250-E
127119	Cleaner 300F	60KTYZ	Regal 300-S, Regal 300-INT,Regal 300-E

Attention: Cup Cleaner must be set using a timer to operate for 5 minutes every 4 to 6 hours only. Do NOT run the unit continuously. Continuous operation may cause damage or reduce the lifespan of the equipment.

Neck Extension

Item No.	Product	Height	Compatible with OCTO Skimmer
127107	Neck 110	2"	Classic-110INT,Classic-110EXT,SRO-1000INT
127108	Neck 150	2"	Classic 152-S,Classic-150INT,Classic-150EXT,Regal 150-S,Regal-150INT,SRO-2000INT
127109	Neck 200	3"	Classic 202-S,Classic-200INT,Classic-200EXT,Regal 200-S,Regal 200-E,Regal 200-INT,SRO-3000INT,SRO-3000EXT
127110	Neck 250	3"	Regal 250-S,Regal 250-E,Regal 250-INT,SRO-5000INT,SRO-5000EXT,SRO-5000SSS
127111	Neck 300	3.5"	Regal 300-S,Regal 300-E,Regal 300-INT,SRO-6000EXT
127113	Neck 150-TL	2"	Elite 150-S,Elite 150-INT
127114	Neck 200-TL	3"	Elite 200-S,Elite 200-INT,Elite 220-S,Elite 220-INT

The marine specialist!

Bio-spheres

Bio-Spheres are specifically encapsulated pellets with a 100% pure biological polymer solid carbon. These pellets when use with our Bio –Churn Reactor, will slowly release the polymer carbon within the marine water which will encourage the growth of beneficial bacteria and enzymes on the pellets surface.

Bio-Spheres provides a food source required for beneficial bacteria to reproduce and reduce nitrates and phosphates.

Available in 1000ml(264 US gal) box.

Bio-spheres

1000ml/box
160202



- Bio Spheres

 - 100% Natural retting
 - Encapsulated for easy handling and netting
 - Reduces Nitrates and Phosphates
 - Slow releasing of polymer carbon
 - Encourages growth of beneficial bacteria and enzymes
 - Helps establish low nutrient system
 - Increase Protein Synthesis efficiency

General Accessories



Aquarium Fan
AF-80 180209
AF-120 180210



Filter Sock Bracket
FB-200
 990202



Extra strong outer magnet Mount
 Max Glass Thickness:21mm / 0.83"
 Suitable for Both OP-2 and OP-4
 Item No.:117166

VP-S



VP-E



Bulkhead

Item No.	Product	Items	Glass/Acrylic Hole
997101	VP 16-S	20mm 1/2"	Φ29-32mm
997102	VP 20-S	25mm 3/4"	Φ32-34mm
997103	VP 25-S	32mm 1"	Φ42-43mm
997104	VP 30-S	40mm 1-1/4"	Φ48-50mm
997105	VP 40-S	50mm 1-1/2"	Φ60-62mm
997106	VP 50-S	63mm 2"	Φ72-75mm
997107	VP 20-E	3/4"	Φ35-38mm
997108	VP 25-E	25mm	Φ43-47mm
997109		1"	
997110	VP 40-E	32mm	Φ60-66mm
997111		1-1/2"	
997112		50mm	

Robustly made and beautifully crafted.



With 4 sizes ranging from 35 to 115 litres volume, machine cut precision, fuse by hand and compartmentalise for easy set-up.

Build in Sock Holder or the option of running a Roller Filter Mat, Skimmer and/or Reactor Chamber with water level adjustment.

Build in fresh water reservoir of up to 25 litres and a standalone compartment for the return pump.

OCTO recommend Klir Filter.

Available in 4 models – OS-15A, OS-24A, OS-30A, OS-36A.

FEATURES & BENEFITS

- Filter Sock Holder
- Fresh Water Reservoir
- Solid Acrylic Construction
- Bubble Diffusing Intake Chamber with Lid
- Adjustable Water Depth: 130 - 230 mm (5.1 - 9.0 inch)

DID YOU KNOW?

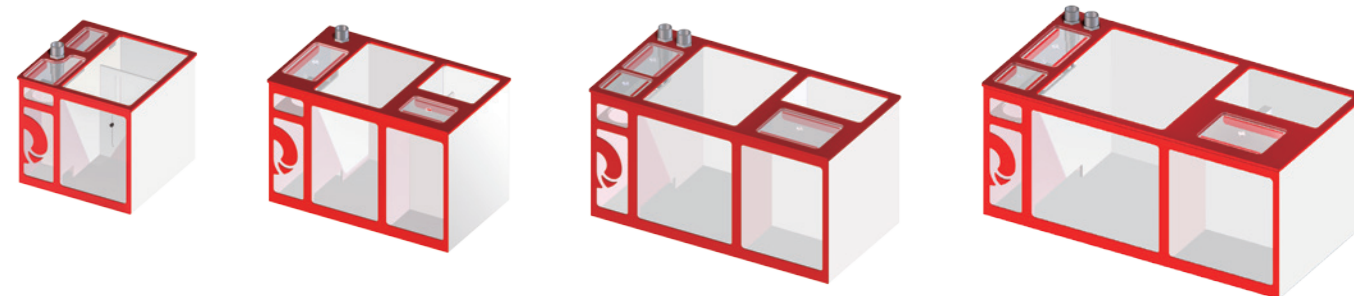
We are the first protein skimmer manufacturer in the world that designs and produces our own skimmer pumps. Our skimmer pumps have been specifically engineered to enhance and increase the efficiency of our protein skimmer.



Adjustable Water Depth

OCTO Sump

by REEF OCTOPUS



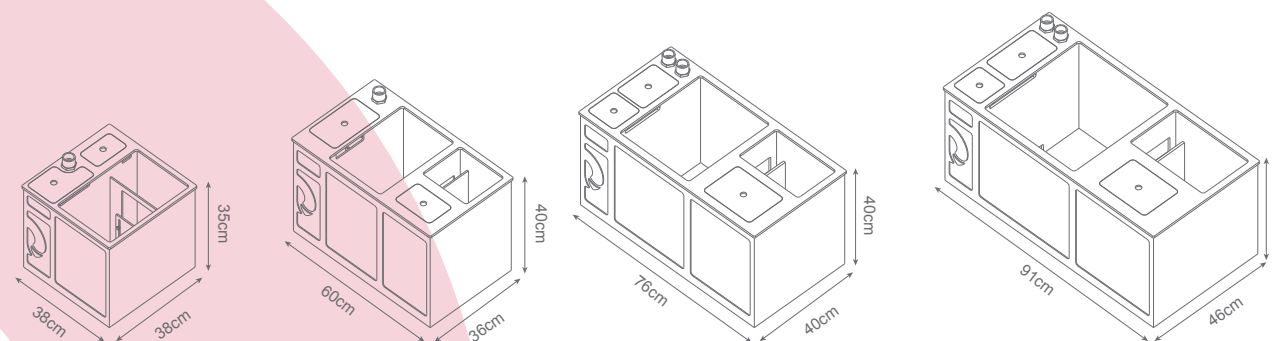
OS 15A

OS 24A

OS 30A

OS 36A

Dimension



OCTO Sump

Item No.	Product	Size		Skimmer Chamber		Return Pump Chamber		Drain Bulkhead		Fresh water Reservoir Size	
		cm	in	cm	in	cm	in	mm	in	L	US GAL
190101	OS-15A	38*38*35	14.96*14.96*13.78	24*24	9.45*9.45	11.5*16.5	4.5*6.5	32	1	6	1.5
190102	OS-24A	60*36*40	23.62*14.17*15.75	33.7*32	13.27*9.45	17.5*18.5	6.8*7.2	32	1	11	3.0
190103	OS-30A	76*40*40	29.92*15.75*15.75	37.1*32	14.6*12.6	24*18.5	9.4*7.2	32*2	1 in*2	18	4.7
190104	OS-36A	91*46*40	35.83*18.11*15.75	43.1*41	16.97*16.14	30*22	11.8*8.6	32*2	1 in*2	25	6.6

