



## **Red Sea MAX** S - SERIES

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The Ultimate Full Size  
Plug & Play Coral Reef System



## Fully Featured Reef Aquariums Up to 650 Litres

Owning a thriving piece of coral reef has never been easier than with Red Sea's new MAX S-Series range of aquariums.

Carefully designed to support even the most delicate stony (SPS) corals, the MAX S-Series seamlessly integrates all of the necessary systems and components with contemporary style.

## Total Reefkeeping Solution

The Max S-Series is an innovative plug & play, complete, full size coral reef aquarium system. It is designed to allow you to focus on the beauty and diversity of your own piece of coral reef, rather than worrying about component selection, suitability and compatibility.

Max S-Series aquariums are fully equipped with everything you need including features such as ultra clear glass, reef spec lighting and filtration, customizable fascia and a one-plug control panel.

Choosing the Red Sea MAX S-Series will make reefkeeping easier than ever before.

## Customized systems

Make your Max S unique by choosing from a variety of six modern colours. The cabinet side panels and doors are attached to a marine spec aluminum frame and are not load bearing so they can be replaced at any time, allowing renovation or a complete colour change on a functioning aquarium. This feature combined with the replaceable trim on the light and aquarium will add a significant resale value to the MAX S-Series.

All external surfaces use weather resistant polyurethane paints (similar to those used in the car industry) giving an elegant and durable finish.



MAX S-400



MAX S-500



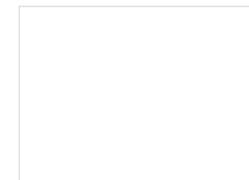
MAX S-650



Black



Anthracite



Pearl



Ultra Marine - metallic



Merlot - metallic



Silver - metallic



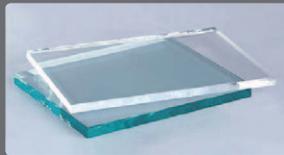
# Red Sea MAX

## 400/500/650

### Elegance and durability combined

MAX S-Series aquariums are constructed from 12 - 15mm ultra clear (low iron) glass supported by saltwater resistant plastics and a marine spec anodized aluminum frame. Designed for simple home assembly, all of the glueing, sawing and wiring has already been done for you.

The saltwater-resistant colour trim around the top and bottom of the aquarium is long-lasting and can be replaced at any time should a different colour scheme be preferred.



Ultra clear vs regular glass



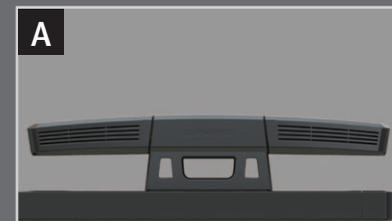
Discreet, adjustable flow water circulation

### Sophisticated, Upgradeable Lighting System

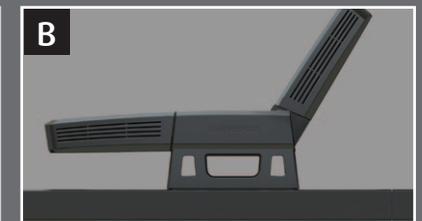
The unique MAX S-Series slide & swivel lighting system consists of three individually switched lighting units.

The identical front and rear 4 x T5 units are hinged to the lighting chassis that slides across the top of the aquarium providing total access for all maintenance and reefscaping tasks.

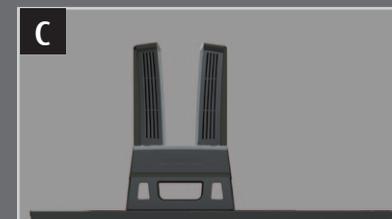
The centre unit has an additional 2 x T5 lights and LED moonlights. Additional configurations for the centre unit will be available in the future. Changeable front and side colour trim panels match the aquarium and cabinet. A dual timer lighting controller is included as part of the complete system controller in the cabinet.



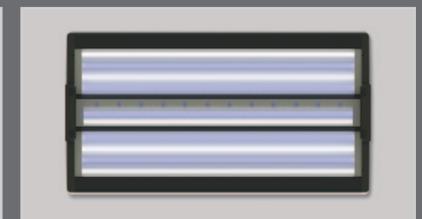
Normal Operation



Feeding and easy maintenance



Tank setup and aquascaping



10 X T5 units + 12 LED moonlights



## Total Reef Filtration

The complete reef filtration system starts with the surface skimmer that feeds the water to the in-cabinet sump via a flow-regulated, silent flow downpipe. The filtered water is returned to the aquarium by a main system pump that also supplies water to all of the filtration systems such as the protein skimmer, an optional chiller and/or reactors.

Connection between the aquarium and sump is via standard union connectors so no plumbing is required.

The MAX S-System is supplied with the main system pump, C-Skim 1800 protein skimmer, mechanical and carbon filtration media and all piping including preparation to connect a chiller and auxiliary reactors.

## Integrated Power Centre

The MAX S-Series filtration system follows the one-plug MAX concept and features a power control centre with easy access to 10 individually switched power sockets for all pumps, and other accessories, safety protected with integrated circuit breakers.



Rear view (cabinet back panel removed)



- A** Full width surface skimmer
- B** Silent flow downpipe with overflow protection
- C** Concealed rear circulation pumps
- D** Built in freshwater reservoir + automatic top up system
- E** Union joint connected internal piping including flow valves
- F** Professional protein skimmer
- G** Dedicated sump compartment for additional reactors

Notes:

- Specifications may vary between the models.
- Chiller not included

# MAX S-Series Specifications

		MAX S Model		
Specification		400	500	650
System water volume	Combined aquarium and sump	400 L (110 gal)	500 L (135 gal)	650 L (175 gal)
Aquarium volume	Display tank with rear circulation pump chamber	350 L (97 gal)	440 L (119 gal)	560 L (150 gal)
Filtration sump volume	Glass sump with preparation for auxiliary reactors or refugium	50 L (13 gal)	60 L (16 gal)	90 L (25 gal)
Aquarium glass thickness	Ultra clear front and side panels	12 mm (1/2")	12 mm (1/2")	15 mm ( 5/8")
Surface skimmer	Built in surface skimmer on full width of aquarium	✓	✓	✓
Lighting system	3 individually operated units on a slide & swivel chassis for easy reefscaping	✓	✓	✓
Lighting – standard configuration	10 x T5 (5 x 10,000K + 5 x actinic) + LED moonlights	390W	540W	800W
Lighting control	2 x timers for staggered on/off	✓	✓	✓
Total circulation l/h (gph)	Sump return + hidden individual 2,000 l/h (530 gph) circulation pumps	8000 (2100)	11000 (2900)	15000 (3970)
Main system pump l/h (gph)	Sump return + feed to skimmer / chiller / reactors	7500 (2000)	9000 (2400)	9000 (2400)
Protein skimmer - C-Skim 1800	800 l/h (210 gph) air flow – 1800 l/h (480 gph) water flow (PSK aspirator)	✓	✓	✓
Integrated power center	10 individually switched sockets for pumps and accessories	✓	✓	✓
Integrated water top up system	Easy-access storage tank with in-sump float valve	22 L (6 gal)	29 L (7.5 gal)	38 L (10 gal)
Mechanical filtration	Low density sponge filter media	✓	✓	✓
Chemical filtration	600g (20 oz.) high grade phosphate-free activated carbon	✓	✓	✓
Cabinet frame	Marine spec anodized aluminum profile	✓	✓	✓
Cabinet external	Weatherproof Polyurethane painted MDF doors & panels	✓	✓	✓
Cabinet Internal	Waterproof sump compartment, dedicated chiller compartment	✓	✓	✓
External dimensions (cm)	Height: 168, Width: 70, Length (according to model):	105 cm	129 cm	161 cm
External dimensions (inch)	Height: 66", Width: 28", Length (according to model):	42"	51"	64"



Manufacturer reserves the right to change the specification without notice



**Red Sea U.S.A**  
 18125 Ammi Trail  
 Houston, TX 77060  
 Tel: 1-888-RED-SEA9  
 redseainfo@redseafish.com

**Red Sea Europe**  
 ZA de la St-Denis  
 F-27130 Verneuil s/Avre,  
 France  
 Tel: (33) 2 32 37 7137  
 info@redseaeurope.com

**Red Sea Aquatics (UK) Ltd**  
 PO Box 1237  
 Cheddar, BS279AG  
 T: +44 (0) 203 3711492  
 F: +44 (0) 800 0073169  
 sales.uk@redseafish.com

**Red Sea Deutschland**  
 Büro Deutschland  
 Prinzenallee 7 (Prinzenpark)  
 40549 Düsseldorf  
 Tel: 0211-52391 481  
 de.info@redseafish.com

**International**  
 Free Trade Industrial Zone  
 Eilat 88000, Israel  
 Tel: +972 9 956 7107  
 office@redseafish.co.il