

RED SEA MAX

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Red Sea **MAX** The Complete Reef System

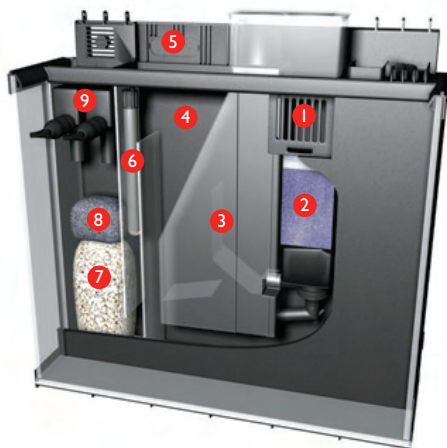
A fully featured, plug-and-play reef aquarium that makes reef keeping easier than ever before

Red Sea MAX, a fully featured, plug-and-play reef aquarium, represents the culmination of Red Sea's many years of marine experience and know-how. The Red Sea MAX combines all of the technology necessary to grow and maintain a healthy reef in an elegant aquarium, giving aquarists an opportunity to focus on the joy and beauty of the hobby rather than on the complications associated with component selection and installation. Optimal lighting, filtration, temperature and circulation makes reef keeping easier than ever before and ensures maximum success for aquarists on all levels.



Red Sea MAX

DESCRIPTION	CODE
Red Sea MAX - Black (includes cabinet)	40110
Red Sea MAX - Silver (includes cabinet)	40111



Reef Filtration and Circulation

1. Removable inlet grill with adjustable shutter for surface skimming
2. Two stage (course/fine) mechanical filter sponges
3. Professional turbo protein skimmer driven by a 1,200 litres-per-hour pump
4. Compartment for chiller pump
5. Access panel for chiller inlet/outlet tubes
6. Thermostat-controlled heater
7. Highly porous ceramic biological filter media
8. Activated carbon chemical media
9. Twin circulation pumps with adjustable direction outlets

Reef Lighting



Removable Hood

Complete lighting system

- 2 x 55 watt T5 power compacts (1 watt/litre)
- 10,000/ Actinic lighting
- Electronic ballast
- High polish, textured aluminium reflector
- Blue LED moonlights
- Fan-cooled hood for extended life of electronic components
- High transparency, polished lens

MAX Accessibility



1. Skimmer access

Easy viewing and maintenance of protein skimmer.



2. Front access

Full width front opening for feeding, monitoring and other light maintenance. The front cover folds back to provide a stable work surface with dedicated locations for test tubes and hydrometer.



3. Main access

For reefscaping and maintenance, the entire hood can be raised and secured at an angle that gives easy access to the complete aquarium and provides full visibility without glare.

MAX Control



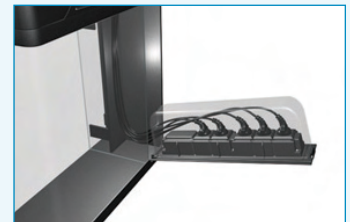
Hood control panel

- 24hr programmable lighting timer with integral on/off/auto switch
- on/off switch for moonlights



Main control

Conveniently positioned water-proof power switches for all aquarium components



Power Centre

- 5 individually switched power outlets with splash cover for all aquarium components
- Single power cord

Total system volume	130 litres (34 gallons)
Aquarium volume	110 litres (29 gallons)
Filter volume	20 litres (5 gallons)
Aquarium length	610mm (24")
Aquarium width	500mm (19.7")
Aquarium height	500mm (19.7")
Total height	612mm (24.1")
Glass thickness	8mm 5/16")
5 outlet power centre	Yes
Course mechanical media	Yes
Fine mechanical media	Yes
Skimmer volume	3.8 litres (1 gallon)

Skimmer Pump	1,200 lph (300 gph)
Collection cup volume	1.5 litres (0.4 gallon)
Circulation pumps	2x550 lph (2x145 gph)
Ceramic bio-media	2 litres (0.5 gallon)
Activated carbon	200g (7oz)
Fan cooled hood	Yes
Lighting - 10,000k	55w
Lighting - Actinic	55w
Electronic ballast	Yes
LED moonlights	2
24 hour programmable timer	Yes
Thermostat heater	150w



Red Sea MAX Starter Kit

(sold separately) 10kg Reef Base, 7kg Coral Pro Salt, Hydrometer, Nitro Bac bio starter, Marine Lab master test lab, Calcium Pro test lab, Buff pH and alkalinity stabilizer, Calcium +3 - calcium & trace element supplement.

DESCRIPTION	CODE
Red Sea MAX Starter Kit	40250



SALT, STARTER KIT & SUBSTRATE



1

1. Red Sea Salt

Red Sea Salt is a high quality natural sea salt that has become famous for its favourable effect on invertebrates. It is used extensively by large public display aquariums around the world because of its consistently excellent performance. The appearance of your aquarium after a water change with Red Sea Salt is the best proof of the quality of our product.

Red Sea Salt is unique among all salts because of its completely natural properties. Recently there has been a steady move from the 'artificial', over-refined and chemically enhanced products, to 'natural' products, derived 'straight from nature' with as little technological interference as possible. Red Sea Salt is produced from the Red Sea and is the most natural artificial sea salt on the market.

Technical Information

1kg dissolved in 30 litres of Reverse Osmosis (R.O.) water at 25°C will produce a seawater solution as follows:

- Specific gravity 1.021
- pH 8.4 (after 2 hours mixing or aerating)
- Alkalinity 2.2-2.5 milli-equivalents/litre

The calcium content of Coral Reef Red Sea Salt has been formulated such that after dissolving in normal tap water it will produce a solution that contains 380-425ppm of calcium (dependent on the level of calcium present in the tap water), without precipitation and the consequent loss of trace elements.

DESCRIPTION	SALTWATER MADE	CODE
2kg salt	60 litres	3001
4kg salt	120 litres	3003
6.33kg salt	190 litres	3004
10kg salt	300 litres	3008
20kg salt	600 litres	3005
25kg salt	750 litres	3006

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2. Red Sea Coral Pro Salt

Utilizing the same natural minerals used in Red Sea Salt, the new Coral Pro has been specifically formulated for use with 'mineral free' Reverse Osmosis, or soft tap water. Coral Pro contains the elevated levels of calcium and buffer capacity that provide the extended availability of these elements, essential for vibrant coral growth, without the need for supplementation.

- Chemically balanced formula to support the most delicate Corals and other marine life.
- Reaches a stable pH of 8.2 shortly after mixing.
- Free of nitrates and phosphates.
- Produced by a small batch process to ensure homogeneity and consistency of the salt mixture.

Technical Information

- pH 8.2
- Calcium 450 ppm
- Alkalinity 2.2-2.5 meq/l

DESCRIPTION	SALTWATER MADE	CODE
Coral Pro 7kg	210 litres	3220
Coral Pro 22kg	660 litres	3221
Coral Pro 20kg (shop use)	600 litres	3222



3

3. CoralGro

Reef Success CoralGro is a complete and balanced formulation that supplies all the nutritional requirements for marine invertebrates. Developed in Germany by experts in the field of marine nutrition, this formula has proven to be the leading diet for inverts among serious hobbyists in Europe. Sustained regular use of CoralGro will give visible results within a short period of time. CoralGro is also an ideal nutritional supplement for all marine fishes when mixed with frozen food.

DESCRIPTION	CODE
CoralGro 250ml	3029



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4. Starter Kit

Ideal for consumers and retailers alike. This kit contains 10kg Red Sea salt, Hydrometer, Nitrite, pH and Alkalinity test kits, Success Buff and Calcium supplements. All you need for a new marine aquarium, supplied in a useful bucket.

This starter kit is the easiest way to get your customers using test kits and supplements, thus guaranteeing repeat sales. It saves you time and effort during busy selling days, by providing your consumer with a single package to take away.

DESCRIPTION	CODE
Starter Kit	3201



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5. Hydrometer

Accurate and easy to use. This precision hydrometer can be used either as a continuous in-tank indicator, or for periodic testing. Includes digital thermometer.

DESCRIPTION	CODE
Hydrometer	3200

6. Red Sea Reef Base Substrate

Reef Base consists of naturally occurring sand spheres mixed with aragonite coral chips. The spheres are highly porous calcareous shells of foraminifers and are highly beneficial. Tests have shown that Reef Base will maintain a stable pH and high buffering capacity over extended periods of time. Additionally the porosity of the spheres provides an excellent media for both nitrifying and denitrifying bacteria. The smooth shape of the spheres provides a great advantage over coral sand and other aragonite based products as it reduces damage to burrowing fishes and invertebrates. The ideal substrate for fish and invertebrate aquariums.

Note: Reef Base comes from CITES approved locations and does not involve the destruction of beaches, reef eco-systems or cause any other damage to the environment.

DESCRIPTION	CODE
Reef Base 5.4kg Substrate	3009
Reef Base 20kg Substrate	3203

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Tip

Each 5.4kg of Reef Base is sufficient to make a 4-5cm layer of substrate in a 40 litre aquarium



• The ideal substrate for all marine fish & invertebrate aquariums.
 • Maintains natural pH with high buffer capacity.
 • Highly porous structure encourages both nitrifying and denitrifying biological filtration.

SKIMMERS

SKIMMERS



1

1. Prizm Protein Skimmer

Prizm skimmers have become established as the best selling skimmer for aquariums up to 100 gallons. Using a patented flow and turbo system, the Prizm's 18-blade impeller and triple-pass system allows this compact, hang-on skimmer to remove huge quantities of protein.

The new Prizm Deluxe features an additional adjustable surface skimmer; and chemical filtration cartridge (ideal for phosphate remover or carbon).

DESCRIPTION	CODE
Prizm Protein Skimmer	3165
Prizm Deluxe	2965

Tip
The best way of selling a Prizm to consumers is to show them one set up on an aquarium.



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2. Prizm Pro Protein Skimmers

The Prizm Pro is the result of Red Sea's continued development and advancement of the protein skimmer market. Utilising Red Sea's unique and patented convergent-divergent flow technology, Prizm Pro's are suitable for aquariums up to 1200 litres and are supplied with an integral turbo pump. Pro's are available in 2 models, both of which can be used either in sump or as a hang on skimmer. The deluxe model has an additional surface skimming option that makes the skimming process even more efficient, and is supplied with a media basket that is ideal for use with either biological or chemical filter media.

Following the stunning success of the Prizm, the larger Prizm Pro's are expected to set a new standard in protein skimmers for larger aquariums. Technical notes: 31.5 cm wide x 8.7 cm deep x 51 cm high. Maximum aquarium glass and bracing bar width 7 cm. Collection cup takes 1 litre of waste.

DESCRIPTION	CODE
Prizm Pro Deluxe version	2961

3. Prizm and Prizm Pro Upgrades

Upgrade existing Prizms to Deluxe versions with this upgrade kit. Includes adjustable surface skimmer; chemical filtration cartridge and inlet pipe with surface skimmer fittings.

DESCRIPTION	CODE
A Prizm Upgrade kit	2966
B Prizm Pro filter cartridge	2971
C Prizm Pro surface skimmer	2970

Protein skimmer spares

DESCRIPTION	CODE
Prizm collection cup 'O' ring	2952
Prizm inlet pipe (complete)	2951
Prizm pump 'O' ring	2955
Prizm Pro pump-side 'O' ring set	2974
Prizm Pro inlet-side 'O' ring set	2975



4. Berlin Venturi Protein Skimmers

The long time market leading skimmer range from Red Sea is still extremely popular. Featuring triple-pass technology and a non-return skirt, the Berlin range provides exceptional protein skimming and superb build quality. Berlin Venturi Skimmers are available in 3 pump driven models and 2 air driven models.

Berlin Classic and XL Skimmers are ideal for use with ozone, to provide water quality suitable for the most delicate of marine animals.

DESCRIPTION	MAX AQUARIUM	CODE
Berlin Classic Venturi	1000 litres	3100
Berlin XL Venturi	1500 litres	3101
Berlin Hang On Venturi	1000 litres	3102
Berlin Air 60	240 litres	3103
Berlin Air 90	360 litres	3104
Air diffuser (For Air 60 and Air 90)		3105

Tip

For best results with Air Skimmers, we recommend using Interpet AV2 air pumps



SUCCESS & MINI LAB

SUCCESS & MINI LAB



1. Red Sea Success Supplements

Easy to sell and easy to use range of popular marine supplements. Eye-catching packaging helps self-select. 415ml treats 10,000 litres. New 100ml bottle treats 2,400 litres. These supplements represent great value for money and are highly effective.

Success Calcium

Use weekly to aid growth of hard corals, Calcareous and Coralline algae.

DESCRIPTION	CODE
Success Calcium 415ml	3150
Success Calcium 100ml	3205

Success Strontium

Essential for good skeletal and shell growth of corals, molluscs and other invertebrates.

DESCRIPTION	CODE
Success Strontium 415ml	3151
Success Strontium 100ml	3206

Success Molybdenum

Use regularly to increase coral and seaweed growth.

DESCRIPTION	CODE
Success Molybdenum 415ml	3152
Success Molybdenum 100ml	3207

Success Iodine

Essential for growth of corals, invertebrates and fish. Add weekly.

DESCRIPTION	CODE
Success Iodine 415ml	3153
Success Iodine 100ml	3208

Success Coral Trace

Use with Calk Kit for complete and balanced coral growth.

DESCRIPTION	CODE
Success Coral Trace 415ml	3154
Success Coral Trace 100ml	3209

Success Magnesium

Magnesium prevents excessive precipitation of Calcium, this protecting alkalinity buffering capacities.

DESCRIPTION	CODE
Success Magnesium 415ml	3147

Success Calcium Plus 3

Contains calcium, iodine, strontium, and molybdenum. A one shot supplement for a healthy balanced aquarium.

DESCRIPTION	CODE
Success Calcium Plus 3 415ml	3155
Success Calcium Plus 3 100ml	3210

Success Green

Stimulates growth of higher algae and macro algae.

DESCRIPTION	CODE
Success Green 415ml	3156
Success Green 100ml	3211

Success Trace

Replaces essential trace elements - used by fish and inverts, and depleted by protein skimming.

DESCRIPTION	CODE
Success Trace 415ml	3157
Success Trace 100ml	3212

Success Buff

Use to maintain a high buffering capability and a stable pH.

DESCRIPTION	CODE
Success Buff 415ml	3158
Success Buff 100ml	3213

Success Vita

Vitamin additive for fish and inverts. Add to food or straight into aquarium.

DESCRIPTION	CODE
Success Vita 415ml	3159
Success Vita 100ml	3214

Sales Tip

Supplements are more easily sold when your customers are buying fish or invertebrates. Simply by telling them the supplements they need to survive and thrive!



2. Success Calk

Red Sea's unique answer to successfully growing and maintaining corals.

Calk is a superior alternative to Kalkwasser and is a safe simple way to replenish the calcium and carbonates utilised by reef animals. Calk is dosed by monitoring the calcium and alkalinity of aquarium water with accurate Test Kits. In addition to the Alkalinity Pro Test Kit provided, users will require a Red Sea Calcium Pro Test Kit.

When used together with Reef Success Coral Trace, all of the elements found in coral skeletons are provided in the correct ratios.

Tip: A well-stocked 300-litre aquarium will require around 5g of Calk per day.

DESCRIPTION	CODE
Success Calk 500g	3148



3. Success Coral kit

Based on Calk, the Coral Kit contains the following:

100ml Reef Success Calcium, 160g Reef Success Calk, 100ml Reef Success Coral Trace, Alkalinity Pro and Calcium Pro Test Kits and Calcium standard solution.

This is the complete kit for hobbyists wishing to successfully grow hard and soft corals.

DESCRIPTION	CODE
Success Coral Kit	3149

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4. Red Sea Mini Lab Test Kits

Designed specifically for use in marine aquariums, where accuracy is paramount. This range is easy to use, well packaged and includes comprehensive advice on water quality.

Magnesium (not illustrated)

30 tests. Deficiency in magnesium can lead to precipitation of Calcium and a lowering of alkalinity buffering capacity

DESCRIPTION	CODE
Magnesium	3011

Ammonia

45 tests, test included conversion scale to calculate the level of toxic NH_3 ammonia.

DESCRIPTION	CODE
Ammonia	3010

Nitrite

80 tests, detects 0.05 to 10 ppm of nitrite (NO_2 ion) in both marine and freshwater aquariums.

DESCRIPTION	CODE
Nitrite	3019

Nitrate

60 tests, detects 2.5 to 100 ppm of nitrate (NO_3) in both marine and freshwater aquariums.

DESCRIPTION	CODE
Nitrate	3012

Phosphate

Approx. 60 tests. Detects 0.1 to 3.0 ppm of phosphate (PO_4^- ion) in marine and freshwater aquariums.

DESCRIPTION	CODE
Phosphate	3020

pH & Alkalinity

100 pH / 60 Alk Tests. pH test for marine freshwater aquaria measure pH values from 7.4 - 8.6. Alkalinity test measures buffering capacity in marine aquariums. Including a sample of Reef Supplement Buff.

DESCRIPTION	CODE
pH Alkalinity	3018

Calcium Pro

Approx. 25 tests. Simple titration test to accurately measure the concentration of dissolved calcium to 20 ppm.

DESCRIPTION	CODE
Calcium Pro	3022

Copper

55 Tests or 2 complete (10-day) treatments for a 10-gallon (40-litre) aquarium. Measures the level of noncheleated copper as used in copper treatment for marine fish parasites.

DESCRIPTION	CODE
Copper	3023

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Master Labs

Red Sea Marine and Reef Labs are ideal for customers who are new to the hobby. Marine Labs are an excellent way to get new customers into the habit of regular water testing. This will lead to happier customers and increased sales.

5. Marine Lab

Master Test Kit for marine aquarium, includes the following Mini Lab Tests: pH, Nitrate, Alkalinity, Ammonia, Nitrite and sample of Reef Buff.

DESCRIPTION	CODE
Marine Lab Test Kit	3015

6. Reef Lab

Master Test Kit for a reef aquarium included the following Mini Lab Tests:

Phosphate, Nitrate, Calcium & samples of Reef Supplements, Calcium, Strontium, Iodine, Trace, Vita and Green.

DESCRIPTION	CODE
Reef Lab Test Kit	3016

For more information log on to www.redseafish.com

6



CO₂ Systems

In addition to regular feeding with essential nutrients and trace elements, plants require a plentiful supply of carbon dioxide (CO₂) during daylight hours to photosynthesise and grow. In a well planted aquarium CO₂ is in great demand and if not added regularly will become the most dominant factor limiting plant growth.

Although CO₂ is essential for plants, too much CO₂ can reduce the pH of the aquarium water to levels that are stressful for fish, so it should be monitored at all times. CO₂ systems can be automated to maintain a preset pH in the aquarium or can be switched off at night when the photosynthesis process is reversed and plants actually release some CO₂ into the water. Red Sea offers both the individual components and complete kits required for dissolving CO₂ in planted aquariums in versions suitable for connection to standard refillable CO₂ cylinders, disposable CO₂ cylinders and "Paintball" CO₂ cylinders.



CO₂ Pro System

CO₂ Pro System is a complete efficient and user-friendly system to maintain a desired level of CO₂ in planted aquariums from 10 to 125 gallons (40 to 500 litres)

The CO₂ Pro System contains the following components.

- dual gauge safety regulator supplied in versions suitable for connection to multiple CO₂ types
- Independent, high precision in-line needle valve that can be affixed to a convenient location on the side of the aquarium and set to stable flow rates as low as 4 bubbles per minute.
- Highly efficient CO₂ Reactor 500 with adjustable flow water pump that can dissolve over 180 bubbles of CO₂ per minute
- Bubble counter with integrated check valve
- Real time CO₂ monitor
- Silicone CO₂ tubing

DESCRIPTION	CODE
CO ₂ Pro System	51070



CO₂ Reactor 500

Efficiently dissolves CO₂ into aquarium water

This fully adjustable, power driven, super compact CO₂ reactor will simply and efficiently maintain the desired level of CO₂ in a wide range of planted aquariums. The turbulent flow of water and CO₂ inside the reactor chamber ensures almost complete dissolving of available CO₂, while non-dissolvable gases are gently vented to the water surface.

- Highly effective vortex reaction chamber provides 98% CO₂ solubility
- Adjustable flow 65 gph pump
- Super compact design 3.75" x 1.6" x 2.2"
- Dissolves CO₂ at flow rates of over 180 bubbles per minute (0.01 oz/gal)
- Suitable for planted aquariums from 10 to 125 gallons



Bubble Counter

Compact, easy to use bubble counter with integrated check valve

Easy accurate measurement of the CO₂ flow rate into your aquarium water. Integrated check valve prevents water from back siphoning out of the aquarium.

CO₂ Disposable Cylinder

DESCRIPTION	CODE
CO ₂ Disposable Cylinder 500g	51083

CO₂ Cylinder

DESCRIPTION	CODE
CO ₂ Cylinder 500g	51080

CO₂ Diffuser 200

Micro Bubble diffuser with integrated bubble counter and check valve

- Compact design enables optimum CO₂ diffusion
- Extra fine micro bubble diffuser plate
- Check valve protects the gas system from backflow of aquarium water
- Suitable for planted aquariums up to 200 litres (50 gallons)



CO₂ Pressure Regulator and Needle Valve

Designed specifically for aquarium use, the Pressure Regulator and Needle Valve are independent units connected by low pressure CO₂ tubing.

Pressure Regulator

- Fully adjustable working pressure up to 2 bar (30 psi)
- Easy to read high and low pressure gauges
- Integral pressure relief valve & inlet gas filter
- Easily automated with an in-line solenoid control valve

CO₂ Needle Valve

- Independent, high precision, fine flow valve
- Stable flow rates from 4 bubbles per minute
- Connects in-line on all standard CO₂ tubing
- Designed to be mounted on the side of the aquarium enabling easy access

CO₂ Control Valve

For the safe use of CO₂ it is highly recommended to automate the system with a solenoid Control Valve operated by either a simple time switch or by a pH controller

- Low working temperature
- Low (2w) power consumption
- Easy installation
- Includes inlet and outlet hose barbs with lock nuts for in-line connection on CO₂ tubing
- Also has a standard 1/8" thread for direct connection to a pressure reducer



DESCRIPTION	CODE
CO ₂ Control Valve	51046



1. Flora Gro+

Essential mineral blend & water conditioner for planted aquariums

Flora Gro+ combines the nutrients of Flora Gro with a comprehensive water conditioner turning tap water into ready-to-use planted aquarium water. Flora Gro+ removes chlorine and other halogens and neutralizes heavy metals and other toxic substances that are detrimental to plant growth. In addition, Flora Gro+ contains colloids enhancing the slime coat of the fish increasing protection from infections.

Flora Gro+ should be added to the aquarium water during set-up of a new aquarium and with every water-change

DESCRIPTION	CODE
100ml/3.4fl.oz. treats 500 ltr/125 gal.	25450
415ml/14fl.oz. treats 2000 ltr/500 gal.	25452

2. Flora Root

Ideal mineral source for plant roots

Flora Root is a hard granule, high in natural laterite that is designed to be mixed with aquarium gravel, replicating the natural substrates in which aquatic plants flourish. In nature, bacteria that inhabit these substrates break down root acids, enabling the roots to take up the nutrients they require as and when they need them.

To replicate this in the aquarium, Flora Root is supplied with a packet of ActiFlora (substrate bacteria) that become active only after their introduction into a moist substrate.

DESCRIPTION	CODE
100g/3.5oz. treats 100 ltr/25 gal.	25430
200g/7oz. treats 200 litre/50 gal.	25432

3. Flora 24

Daily replenisher of essential trace elements

Many essential trace elements are either broken down or absorbed by the plants on a daily basis. The daily addition of Flora 24 is therefore essential for prolonged successful plant growth.

DESCRIPTION	CODE
10ml/0.34 fl.oz. treats 10,000 ltr/2,500 gal	25420
50ml/1.7 fl.oz. treats 50,000 ltr/12,500 gal.	25422

4. Flora Gro

Essential mineral blend for plants

Flora Gro is a comprehensive plant nutrient mix containing water-soluble nutrients and Iron that are taken up directly through the plants leaves. Flora Gro should be added to the aquarium water during set-up of a new aquarium and with every water-change

DESCRIPTION	CODE
10ml/0.34 fl.oz. treats 200 ltr/50 gal.	25410
50ml/1.7 fl.oz. treats 1,000 ltr/250 gal.	25412

5. Flora Dose

Periodic mineral replenisher for plant substrates

In established aquariums where Flora Root cannot be added retrospectively, or to replenish the substrate mineral content every 6 months, Flora Dose, tablets should be added to the substrate.

DESCRIPTION	CODE
12 Tabs treats 150 ltr/36 gal.	25440
48 Tabs treats 600 ltr/144 gal	25442



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6. Root Therm

Aquatic plants will display healthy growth if they are provided with "warm roots" – i.e. the temperature within the substrate is slightly higher than that of the water above.

This temperature differential between the substrate and the water induces a gentle water circulation, which both prevents the formation of stagnant areas and the build up of undesirable by-products within the substrate while providing the roots with a constant supply of the nutrients necessary for optimum plant growth and vitality.

Regular thermostat controlled aquarium water heaters, will keep the water above the substrate at a stable temperature, however the

temperature of the substrate and the plant's roots will always be slightly below the water temperature. Low power substrate warming, in addition to regular water heating is therefore the logical solution for maintaining a positive temperature differential between the substrate and the water, ensuring that the plants will have the "warm roots" they need.

The RootTherm kit provides gentle warming suitable for planted aquarium set-ups without the need for a temperature controller.

Multiple RootTherms can be used for larger systems. The RootTherm will work in conjunction with any regular aquarium heater-thermostat.

DESCRIPTION	HEATING CABLE (24V)	SUITABLE FOR AQUARIUM	CODE
Root Therm 160	20W - 3m / 10ft	160 liters / 40 gallons	34010
Root Therm 400	40W 5m / 16.4ft	400 liters / 100 gallons	34012

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8. Plant Care Kit

A complete fertilisation program

Ideal for starting a planted aquarium. Contains Flora 24, Flora Gro and Flora Dose. Sufficient for aquariums upto 160 litres.

DESCRIPTION	CODE
Plant Care Kit	25460

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7. Flora Base

Plant Aquarium substrate

In nature, aquatic plants flourish where the river or lake bottom provides a regular supply of the minerals and organic substances necessary for the vitality of the plants, and where its texture allows the plants to root strongly. Flora Base is a patented, scientifically formulated substrate produced from natural volcanic ash-based soil, sintered with other minerals into a soft, porous granular structure is easily penetrated by growing roots, positively anchoring plants to the substrate while providing immediate access to all of the nutrients.

The porous structure also allows plant nutrients to be released to the surrounding water so that

no additional Root nutrients need to be added for at least 6 months.

Flora Base is an excellent filter media when combined with an under-gravel filter. The unique structure of the Flora Base granule enables it to actively absorb substances, removing cloudiness from the aquarium water:

Flora Base will also act as a pH buffer, maintaining a stable pH between 6.5 and 7.0, which is ideal for almost all aquatic plants.

Each 5.4kg/12lb. bag of Flora Base will provide the right quantity of substrate for a 40ltr/10gal. aquarium.

DESCRIPTION	CODE
Flora Base	25400

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9. Plant Lab

A must for the live plant enthusiast.

Includes the Fresh Lab tests for Iron & Carbon Dioxide: the two most critical concerns for keeping live plants healthy.

DESCRIPTION	CODE
Plant Lab	25020

10. GH/KH+

Increases both GH and KH hardness in freshwater aquariums

For water plants both the GH and the KH are important. Red Sea's GH/KH+ is a balanced blend of all Calcium and Magnesium Salts formulated to raise the GH & KH as well as increasing the pH buffering capacity of water: 20g / 0.35 oz hardens 100 liters / 25 gal by 40 GH, 30 KH

DESCRIPTION	CODE
GH/KH+	23045

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11



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11. Turbo CO₂ Bio-System

The Turbo CO₂ Bio-System is a complete, efficient system for the production and diffusion of CO₂ for aquariums up to 160 liters / 40 gal

This simple and reliable system generates CO₂ by a pH buffered natural fermentation process providing an almost constant supply of CO₂ for approximately 1 month.

The CO₂ is diffused in the aquarium with a venturi pump injector that breaks up the CO₂ into very fine bubbles. The advanced design of Red Sea's venturi allows the pump to be placed

at the bottom of most aquariums providing the full depth of the aquarium for diffusion of the CO₂ in the water:

Connection of the pump to a timer will reduce the effectiveness of the system at night, preventing dangerously low levels of pH.

For continued use, use Red Sea's Bio Generator Refill Kit. Includes components for 1 months supply of CO₂

DESCRIPTION	CODE
Turbo CO ₂ Bio-System	51010
Refill Kit	51015

12. CO₂ Indicator

Real time CO₂ monitor for freshwater aquariums

The Red Sea CO₂ Indicator gives an easy-to-read, continuous, qualitative visual indication of the current CO₂ level in a freshwater aquarium.

DESCRIPTION	CODE
CO ₂ Indicator	51020
CO ₂ Indicator – Refill	51025