



RIMLESS, BEVELED
EDGE DESIGN

ULTRA CLEAR
GLASS

SILENT, REGULATED
DOWN-FLOW SYSTEM
WITH EMERGENCY
OVERFLOW

INTEGRATED AUTOMATIC
TOP UP SYSTEM

EASY ACCESS
MICRON FILTER



MULTI DIRECTIONAL
RETURN NOZZLE

SURFACE SKIMMER
WITH REMOVABLE
COMBS

EMERGENCY
OVERFLOW PIPE

DEDICATED SKIMMER
CHAMBER WITH
CONSTANT WATER
HEIGHT

Red Sea REEFER™

Reef Ready Systems for advanced hobbyists

Red Sea REEFER™ NANO/170/250/350/450

Reef Ready Systems for advanced hobbyists



REEFER™ NANO



REEFER™ 170



REEFER™ 250



REEFER™ 350



REEFER™ 450

Features:

- Rimless, ultra-clear, beveled edge glass aquarium
- Elegant Marine-Spec cabinet
- Professional Sump with constant height skimmer chamber and micron filter bags
- Silent, regulated down-flow system with emergency overflow
- Integrated Automatic top-up system with reservoir
- Assembly-ready piping – no gluing required

REEFER™ Concept

Red Sea's REEFER™ series of Reef Systems, provide advanced hobbyists with a solid foundation for building a fully featured reef or marine aquarium. The REEFER™ Series combines a contemporary, rimless, ultra-clear glass aquarium with a stylish cabinet and a comprehensive water management system, including a professional sump with integrated automatic top-up, and Red Sea's unique silent down-flow system.

Incorporating technologies originally developed for Red Sea's all-in-one MAX® coral reef systems, the REEFER™ series is designed for ease of operation while enabling the advanced hobbyist to install an unlimited choice of lighting, filtration, circulation and controllers to create a uniquely customized system.

REEFER™ aquariums are constructed from thick, beveled-edge, ultra-clear glass to support their elegant and modern rimless design. The aquarium sits on a recessed base that "floats" it above the cabinet, which seamlessly follows the contour of the glass.

The marine-spec laminated cabinet that houses the sump, (and in the larger models also includes a dedicated, vented space for chillers) is smartly finished with weatherproof, epoxy-painted doors.

Color Choice



REEFER™ Water Management System

The comprehensive water management system provides the base for excellent water quality.

Surface water from all sides of the aquarium is actively fed to the sump through the regulated silent-flow downpipe.

Removable surface-skimming combs surround the top of the centrally located overflow box that houses the downpipe, sump return pipe and the discreet multi-directional "eyeball" return outlet nozzle.

In the event of a blockage in the regulated downpipe, an additional emergency overflow pipe provides an unrestricted free flow of aquarium water directly to the sump.

On entering the sump the water passes through a 200 micron mechanical filter bag, before entering the filtration compartment that maintains a constant water height, making it suitable for all skimmers and other reactors. In order to remove any air bubbles that may have escaped from the skimmer, the water passes through a bubble-stripping cascade on its way to the return pump chamber.

To ensure a constant water level in the pump compartment, all REEFER™ sumps include an integrated automatic freshwater top-up unit, guaranteeing a constant, stable water flow throughout the complete system.

Supplied as a complete self-assembly kit, all pipe work is ready without the need for any gluing.

REEFER™ Series Technical Data

REEFER™ Model

Specification		NANO	170	250	350	450
Main Features	Ultra clear front and side glass	✓	✓	✓	✓	✓
	Ultra clear front glass thickness (mm)	8 (3/10")	10 (3/8")	12 (1/2")	12 (1/2")	15 (5/8")
	Built in surface skimmer	✓	✓	✓	✓	✓
	Integrated automatic top up system	✓	✓	✓	✓	✓
System Volumes	Display tank water volume (L)	77 (21 gal)	130 (34 gal)	204 (54 gal)	275 (73 gal)	350 (92 gal)
	In cabinet sump water volume (L)	28 (7 gal)	35 (9 gal)	40 (11 gal)	70 (18 gal)	90 (24 gal)
	Total system water volume (L)	105 (28 gal)	165 (43 gal)	244 (65 gal)	345 (91 gal)	440 (116 gal)
	RO reservoir volume (L)	4.5 (1.2 gal)	5.4 (1.5 gal)	8 (2.1 gal)	10.5 (2.8 gal)	13.7 (3.6 gal)
System Dimensions	Display tank length (cm)	45 (18")	60 (24.5")	90 (35.5")	120 (47")	150 (59")
	Display tank height (cm)	45 (18")	50 (20")	53 (21")	53 (21")	55 (22")
	Display tank width (cm)	45 (18")	50 (20")	50 (20")	50 (20")	50 (20")
	Total system height with cabinet (cm)	132 (52")	137 (54")	140 (55")	140 (55")	142 (56")
Sump Dimensions	Water height (cm)	20 (8")	20 (8")	20 (8")	24 (9.4")	24 (9.4")
	Skimmer chamber (cm)	24 x 21 (9.4"x8.3")	30 x 25 (11.8"x9.8")	35 x 25 (13.8"x9.8")	42 x 34 (16.5"x13.4")	42 x 48 (16.5"x19")
	Pump chamber (cm)	24 x 12 (9.4"x4.7")	30 x 12 (11.8"x4.7")	35 x 12 (13.8"x4.7")	42 x 15 (16.5"x6")	42 x 15 (16.5"x6")
Return Pump	3/4" threaded hose barb - Pipe Int. Dia	16mm (5/8")	16mm (5/8")	16mm (5/8")	16mm (5/8")	25mm (1")
	Recommended flow (lph) (pump not included)	2000 (530 gph)	2000 (530 gph)	2500 (660 gph)	3000 (790 gph)	4000 (1060 gph)

Manufacturer reserves the right to change the specification without notice

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