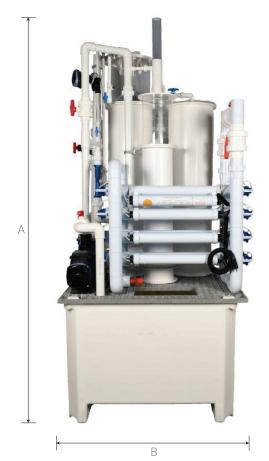
Befiltration

System 2500 Marine

A complete, compact, plug and play recirculation filtration system [RAS] for use in saltwater applications. Ideally suited for hatcheries, research facilities, retail shops, shellfish holding systems, as well as public aquaria displays and quarantine systems.

- Small space saving design incorporating mechanical, biological and UV filtration, as well as a high-performance venturi driven protein skimmer.
- New energy saving design, with the entire filtration system being run off a single pump.
- Water flow to the livestock tanks supplied via a double pass UV for effective sterilisation.
- Manufactured from high quality polypropylene, PVC and acrylic components, suitable for marine environments.
- Robust, double walled and fully insulated reservoir.
- Can be re-assembled in a matter of hours without any specialist tools.
- Manufactured in the UK.





Included

605 litre Pallet Reservoir

Mechanical bag filter unit supplied with 100-micron filter bags

FST5200

Fluidised Sand Tower

TBT5200 Re-gassing/ Trickling Bio-Tower

PSW5200 Protein Skimmer, incl. internal and external wash kits

330W UV Steriliser AV150 Filtration pump

Available separately

Livestock supply pump

Automatic wash down kits for the Protein Skimmer

Ozone Generator with Redox Controller

Ozone Monitor

Heater with digital thermostat

UV Bypass

Additional pressurised mechanical filtration

Additional reservoir

Pipe and fittings

Dimensions

- A 2500mm
- **B** 1000mm
- **C** 1200mm
- **D** 750mm

System 2500 Marine

Typical Filtration Capacity of System 2500 Marine at 26°c

Comparable livestock holding applications			Total tank volume*	Stocking density	Maximum stocking capacity
Ornamentals	Research	Aquaculture			
Display	Larval	Incubation	10m³	<1kg/m³	10kg
Retail	Juvenile	Hatchery	6m³	1-2kg/m³	12kg
Wholesale	Adult	Broodstock	2.5m³	3-5kg/m³	12.5kg
	Wet Lab	Nursery	2m³	6-9kg/m³	18kg
		Grow out	1.25m³	10-20kg/m³	25kg
		Shellfish Holding		50kg/m³	250kg

These figures are an approximate overview of the filtration capacity of a standard System 2500.

All Calculations based on a feed rate of 2% body weight/day with a 50% protein content.

If the temperature goes down to 19°C the capacity decreases by 10%. [>14°C : 20% > 10°C : 30% >6°C : 40%]

Max flow @30,000uWsec/cm2 = 12m3/hr Max flow @15,000uWsec/cm2 = 32m3/hr

Larger/smaller UVS can be supplied to suit the flow rate/turnover rate required.

Code	Grp	Product	Optimum system volume at application level 3 [L]	Optimum BioMass at application level 3 for Tropical species	Main Material of Filtration Element Construction	Approx Total Current Draw [A]	Approx Shipping Weight [kg]
7956	FI	System 2500P Marine	2500	15-25	Polypropylene	3.28	On Application

- Freshwater and Marine versions available
- Smaller and larger complete filtration systems available, as well as fully customised solutions



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^{*} Please note the UV steriliser supplied with the System 2500 is a P6 330W Unit (6x 55w lamps) and suitable for the following flow rates: