Waste Water Filtration Systems

wavebrite™ Slimline

Protecting our ocean's ecosystems

wavebrite™ Slimline is a highly sophisticated, multi stage filter module used throughout our wide range of Wavebrite Systems, ensuring that whatever size of boat, you never pump out polluted and contaminated grey water overboard again.

wavebrite™ **Slimline** systems remove harmful contaminants from grey water including

- Microplastics
- Cooking oil & grease
- Sun Creams
- Shampoo
- Foams
- Suspended solids
- Microfibres
- Hair
- Soap
- Dishwasher Soap
- Phosphates
- Other chemicals



wavebrite™ **Slimline** systems offer major advantages to both designers, builders and owners. These include:

- Removing the need for or reducing the size of a Grey Water Holding Tank, saving
  - Weight, Space and Cost
- Using a Modular system provides a flexible design to suite the inputs and application
- A minimum flow rate of 15l per minute and a capacity of 20,000 litres upwards
- A range of models is suitable for applications on
  - small leisure boats with one or two basins or showers, up to
  - superyachts and commercial vessels with multiple sources.
- Pressure gauges and a remote hour meter indicate when filters need changing
- Assurance that discharged water complies to **EU Waste Water Standard 91/271/EEC.**

How does it work?

wavebrite™ **Slimline** systems have 5 main components



- Pre-filter/strainer removes solids to protect the pump
- Whale Universal Pump (optional on some models)
- 5 micron filter to remove sediment
- 0.5 micron filter to remove microplastics and fibres
- Wavebrite Slimline Module to remove oils, grease, odours, phosphates and other chemicals

wave International

Pollution Control Technology

Specification

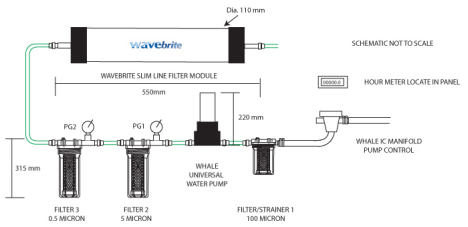
Models and Applications Guide

Pt #	Model	Application Guide
WBSLLite	Wavebrite™ Slimline Lite System - 12 or 24vDC Comes compete with Whale Universal water pump, brackets, hoses and clamps	Dayboats and Superyacht Tenders <10m
Capacity	Up to 20,000 litres capacity	
WBSLS	Wavebrite™ Slimline Standard System - 12 or 24vDC Comes compete with Whale Universal water pump, brackets, hoses and clamps	Boat/Yacht 10m-20m
Capacity	20.000 litres - with options to expand	
WBSL2010	Wavebrite™ Slimline 2010 System - 12 or 24vDC Comes compete with Whale Universal water pump, brackets, hoses and clamps	Boat/Yacht/SY/workboat 10m-30m
Capacity	40.000 litres - with options to expand	
WBSL2020	Wavebrite™ Slimline 2020 System - 12 or 24vDC Comes compete with Whale Universal water pump, brackets, hoses and clamps	Larger boat/SY/Workboat 20m-35m
Capacity	40.000 litres - with options to expand	

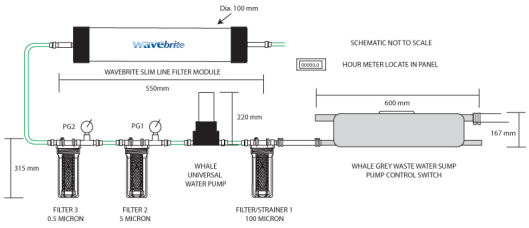
N.B. Boat sizes are shown as a guide only. Please always consult with your dealer or with Wave International
We advise fitting a Wavebrite™ grease trap when connecting Wavebrite™ to a grey water source from a galley Failure to do so can significantly reduce the life of the Wavebrite™ Module. Grease traps are available in two sizes - 1.75 and 4.5 litres.
Ideally galley waste water should be directed to the black water system due to the food waste content.

Technical Specification

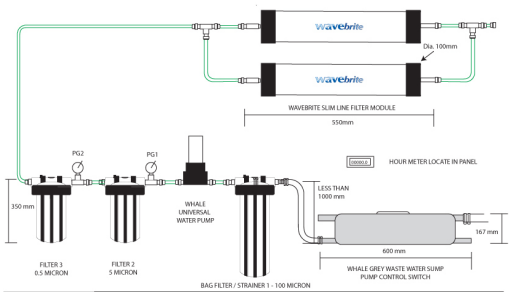
Wavebrite Slimline Lite - WBSLLite
Flow Rate: 1-15 Liters per min.
System Max Pressure: 6.2 bar.
Max. operating pressure: 3 bar.
Pre-filters max pressure: 2 bar. (@ 2 bar. change filter cartridges 2 & 3)
Wavebrite Module capacity: 20,000 litres before replacing module.
Max Temp: 45 deg. C.
Min Temp: 1 deg. C



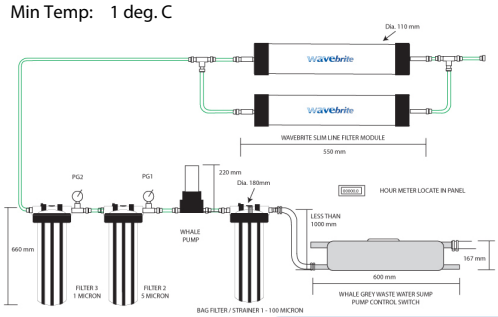
Wavebrite Slimline Standard System - WBSLS
Flow Rate: 1-15 Liters per min.
System Max Pressure: 6.2 bar.
Max. operating pressure: 3 bar.
Pre-filters max pressure: 2 bar. (@ 2 bar. change filter cartridges 2 & 3)
Wavebrite Module capacity: 20,000 litres before replacing module.
Max Temp: 45 deg. C.
Min Temp: 1 deg. C



Wavebrite Slimline 2010 System - WBSL2010
Flow Rate: 1-15 Liters per min.
System Max Pressure: 6.2 bar.
Max. operating pressure: 3 bar.
Pre-filters max pressure: 2 bar. (@ 2 bar. change filter cartridges 2 & 3)
Wavebrite Module capacity: 40,000 litres before replacing module.
Max Temp: 45 deg. C.
Min Temp: 1 deg. C



Wavebrite Slimline 2020 System - WBSL2020
Flow Rate: 1-15 Liters per min.
System Max Pressure: 6.2 bar.
Max. operating pressure: 3 bar.
Pre-filters max pressure: 2 bar. (@ 2 bar. change filter cartridges 2 & 3)
Wavebrite Module capacity: 40,000 litres before replacing module.
Max Temp: 45 deg. C.
Min Temp: 1 deg. C



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