

# Wave MiniBOSS

Wavestream™

## Keeping our oceans and waterways clean

**Wavestream™ Wave MiniBOSS is an IMO certified Bilge Water Filter & Monitoring System designed to only discharge bilge water overboard within the legal limits of 15ppm or 5ppm.**

### Wave MiniBOSS

- captures oil, microplastics, fuel, and fibres in a unique 3 high-capacity cartridge system
- features a high flow rate capable of 0.45m<sup>3</sup> per hour
- continuously samples filtered water ensuring any non conforming water is automatically returned to the bilge
- is an integrated bulkhead mounted modular unit which is easily installed saving
  - weight - only 37.6kgs and
  - space - only 86cm x 105cm x 26cm
- has low cost of ownership with
  - easily replaced filters
- has an automatic Data Logger which records for 18 months



## Designed to meet strict design & usage criteria



**Wavestream™ Wave MiniBOSS has an**

- IMO certified Oil Content Monitor (OCM) which continuously samples the filtered water
- audible and visual alarm to provide early warning
- MEPC 107(49) certification
  - required for all vessels over 400GT
- MED EC Type Approval
- US Coast Guard Type approval

# Specification

## Models & Technical Specification

| Specification             | WMBOSS 24v                               | WMBOSS 110-240v                    |
|---------------------------|------------------------------------------|------------------------------------|
| IMO MEPC Compliance       | Monitor 107(49) certified                |                                    |
| Dimensions                | 86cms x 105cms x 26cms                   |                                    |
| Dry Weight                | 37.2kgs                                  |                                    |
| Flow Rate                 | 0.45 M3/hr                               |                                    |
| Filter Media              | Wavestream WS-C3                         |                                    |
| Test barg                 | 3.79                                     |                                    |
| Operating Pressure        | Up to 3.45 bar                           |                                    |
| Operating Temp Range      | 1 - 55 deg C                             |                                    |
| Oil Content Monitor       | IMO MEPC 107(49) Certified monitor       |                                    |
| Single Phase Power Req'd  | 24vDC                                    | 110-120vAC or 220-240vAC           |
| Three Phase Power Options | Available only with separate transformer |                                    |
| Frequency                 | 50 or 60 Hz                              |                                    |
| Max Amperage              | 8 amp breaker @ 24vDC                    | 4 amp @ 110vAC<br>1.6 amp @ 220vAC |



High Capacity sediment and Oil/Water filters



Ferry Installation



Yacht Installation

## Accessories

| Part #     | Description                   |
|------------|-------------------------------|
| WS-C3      | Wavestream System 3 Cartridge |
| WSWP5P20BB | Pre-Filter Sediment Cartridge |

## Technical Drawings

