



ELECTRONIC BOTTOM PAINT

Product Kits



How it works

EBP uses pulses of Ultrasonic frequencies to deter micro organisms from attaching themselves to your motor boat or sail boats hull. The removal of these micro organisms is important in the antifouling process as their presence create a habitat / food source for larger aquatic organisms such as barnacles.

The Ultrasonic frequencies are delivered to the boats hull through a series of transducers that are attached to the inside of the bilge area meaning no through hull drilling is required.

The transducers are then connected to a control unit that is intelligently controlled to ensure the optimum power (12v/24v or 110V - 240V) is supplied for maximum cleaning efficiency.

The pulsing of the transducers creates areas of negative and positive pressure resulting in micro jets surrounding the boats hull leading to the destruction of the single cell micro organisms (Algae). This pulsing effectively creates an invisible shield around the boats hull protecting it from these micro organisms commonly referred to as Bio-foul. This Bio-foul is the first stage in the overall marine food chain and the removal of such Bio-foul results in the removal of the food source for larger aquatic wildlife such as barnacles.

The ultra high frequencies are not harmful to humans, fish, plant life or any other marine based life forms.

UK Designed, Developed and Manufactured.

Disclaimer

The system does not remove the requirement for boat maintenance and the system has a return to base warranty. Existing antifoul or bottom paint applied will deteriorate over time and repainting may still be required.



Electronic Bottom Paint

EBP300



Includes:

- 1 x Intelligent Control Unit
- 3 x 50W IP69 Transducers
- 1 x 110-240V AC Power Supply Unit
- 1 x USA Plug
- 2 Year Return to USA base Warranty

- Electronic Bottom Paint - EBP300 Installation Kit
- 1 x 6M H05RN Silicon Transducer Cable with IP69 Plug and Play connectors
- 2 x 8M H05RN Silicon Transducer Cable with IP69 Plug and Play connectors
- 1 x 12v / 24v H05RN Silicon DC Power Cable
- 1 x Araldite Rapid Epoxy Kit
- 1 x Blade Fuse and Holder
- 1 x Installation Manual
- Sandpaper, Gloves, Cables ties etc

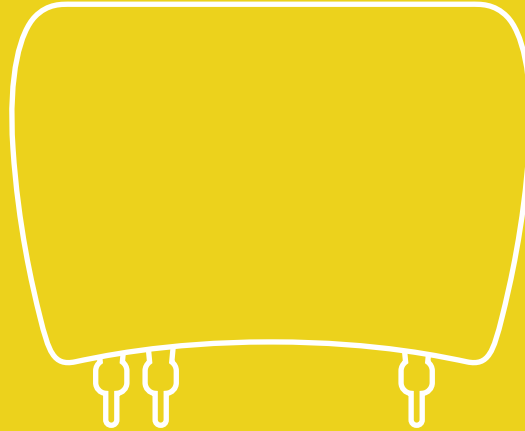
\$2,602.98

EBP300

Dimensions

Control Unit

Height (mm)	150
Width (mm)	220
Depth (mm)	60



Transducer

Diameter (mm)	45
Height (mm)	65



Transducer with ring

Diameter (mm)	90
Height (mm)	65

Voltage & Consumption

AC Input

110-240AC 50/60Hz

DC Input

12-30V DC

Consumption @ 12v DC

0.4 Amps/HR

Certification

CE, FCC & ULC

Transducer Output

Power

50W Peak per transducer

Frequency

auto ranging 20-40Khz

Safety Features

- Internal Temperature Control with auto shutoff
- Over voltage protection
- reverse polarity protection
- Output monitoring

- IP69 Transducer
- IP65 Enclosure
- Marine Grade Silicon H05RN Cabling
- IP69 rated connectors

System Functions

- Power off on low voltage
- Over voltage / temperature shut down
- Individual Transducer output monitoring for over and under current

- Intelligent power monitoring for optimal performance
- Sleep functionality

Electronic Bottom Paint

EBP600



Includes:

- 1 x Intelligent Control Unit
- 6 x 50W IP69 Transducers
- 1 x 110-240V AC Power Supply Unit
- 1 x USA Plug
- 2 Year Return to USA base Warranty

- Electronic Bottom Paint - EBP600 Installation Kit
- 2 x 6M H05RN Silicon Transducer Cable with IP69 Plug and Play connectors
- 4 x 8M H05RN Silicon Transducer Cable with IP69 Plug and Play connectors
- 2 x 12v / 24v H05RN Silicon DC Power Cable
- 2 x Araldite Rapid Epoxy Kit
- 2 x Blade Fuse and Holder
- 1 x Installation Manual
- Sandpaper, Gloves, Cables ties etc

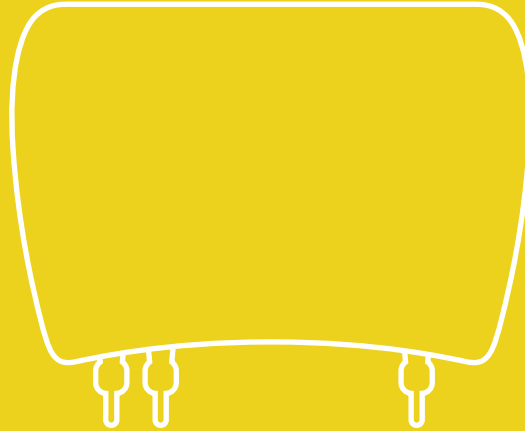
\$4,892.20

EFC600

Dimensions

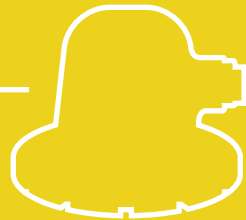
Control Unit

Height (mm)	190
Width (mm)	240
Depth (mm)	110



Transducer

Diameter (mm)	45
Height (mm)	65



Transducer with ring

Diameter (mm)	90
Height (mm)	65

Voltage & Consumption

AC Input

110-240AC 50/60Hz

DC Input

12-30VC DC

Consumption @ 12v DC

0.8 Amps/Hr

Certification

CE, FCC & ULC

Transducer Output

Power

50W Peak per transducer

Frequency

auto ranging 20-40Khz

Safety Features

- Internal Temperature Control with auto shutoff
- Over voltage protection
- reverse polarity protection
- Output monitoring

- IP69 Transducer
- IP68 Enclosure
- Marine Grade Silicon H05RN Cabling
- IP69 rated connectors

System Functions

- Power off on low voltage
- Over voltage / temperature shut down
- Individual Transducer output monitoring for over and under current

- Intelligent power monitoring for optimal performance
- Sleep functionality

Electronic Bottom Paint

EBP900



Includes:

- 2 x Intelligent Control Unit
- 9 x 50W IP69 Transducers
- 2 x 110-240V AC Power Supply Unit
- 2 x USA Plugs
- 2 Year Return to USA base Warranty

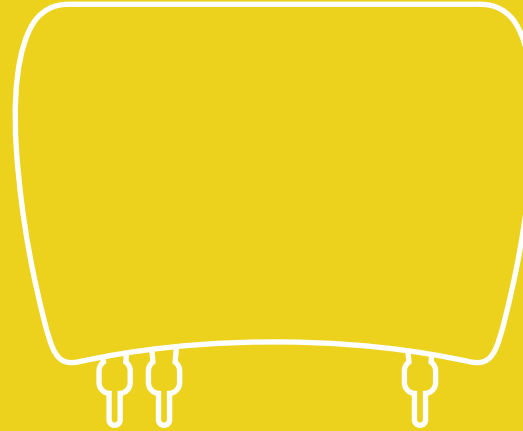
- Electronic Bottom Paint - EBP900 Installation Kit
- 3 x 6M H05RN Silicon Transducer Cable with IP69 Plug and Play connectors
- 6 x 8M H05RN Silicon Transducer Cable with IP69 Plug and Play connectors
- 2 x 12v / 24v H05RN Silicon DC Power Cable
- 3 x Araldite Rapid Epoxy Kit
- 3 x Blade Fuse and Holder
- 1 x Installation Manual
- Sandpaper, Gloves, Cables ties etc

\$7,181.43

EFC900

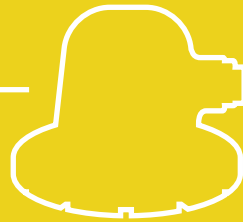
Dimensions

Control Units	300	600
Height (mm)	150	190
Width (mm)	220	240
Depth (mm)	60	110



Transducer

Diameter (mm)	45
Height (mm)	65



Transducer with ring

Diameter (mm)	90
Height (mm)	65

Voltage & Consumption

AC Input

110-240AC 50/60Hz

DC Input

12-30VC DC

Consumption @ 24v DC

0.6 Amps/Hr

Certification

CE, FCC & ULC

Transducer Output

Power

50W Peak per transducer

Frequency

auto ranging 20-40Khz

Safety Features

- Internal Temperature Control with auto shutoff
- Over voltage protection
- reverse polarity protection
- Output monitoring

- IP69 Transducer
- IP68 Enclosure
- IP65 Enclosure
- Marine Grade Silicon H05RN Cabling
- IP69 rated connectors

System Functions

- Power off on low voltage
- Over voltage / temperature shut down
- Individual Transducer output monitoring for over and under current

- Intelligent power monitoring for optimal performance
- Sleep functionality

Electronic Bottom Paint

EBP1200



Includes:

- 2 x Intelligent Control Unit
- 12 x 50W IP69 Transducers
- 2 x 110-240V AC Power Supply Unit
- 2 x USA Plugs
- 2 Year Return to USA base Warranty

Electronic Bottom Paint - EBP1200 Installation Kit

- 4 x 6M H05RN Silicon Transducer Cable with IP69 Plug and Play connectors
- 8 x 8M H05RN Silicon Transducer Cable with IP69 Plug and Play connectors
- 3 x 12v / 24v H05RN Silicon DC Power Cable
- 4 x Araldite Rapid Epoxy Kit
- 3 x Blade Fuse and Holder
- 1 x Installation Manual
- Sandpaper, Gloves, Cables ties etc

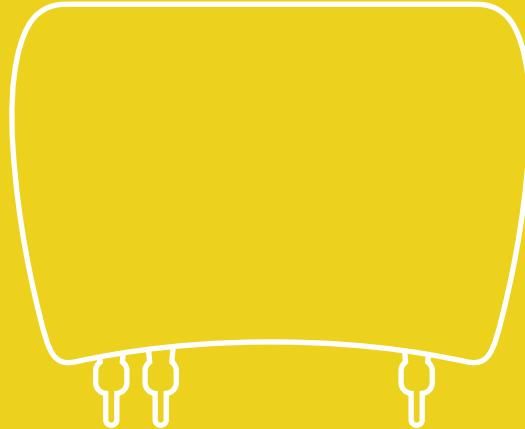
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EFC1200

Dimensions

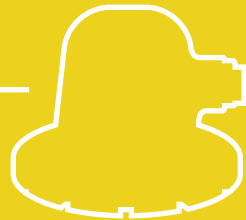
Control Unit 600 x2

Height (mm)	190
Width (mm)	240
Depth (mm)	110



Transducer

Diameter (mm)	45
Height (mm)	65



Transducer with ring

Diameter (mm)	90
Height (mm)	65

Voltage & Consumption

AC Input

110-240AC 50/60Hz

DC Input

12-30VC DC

Consumption @ 24v DC

0.8 Amps/Hr

Certification

CE, FCC & ULC

Transducer Output

Power

50W Peak per transducer

Frequency

auto ranging 20-40Khz

Safety Features

- Internal Temperature Control with auto shutoff
- Over voltage protection
- reverse polarity protection
- Output monitoring

- IP69 Transducer
- IP68 Enclosure
- Marine Grade Silicon H05RN Cabling
- IP69 rated connectors

System Functions

- Power off on low voltage
- Over voltage / temperature shut down
- Individual Transducer output monitoring for over and under current

- Intelligent power monitoring for optimal performance
- Sleep functionality

Boat Size Guide

Boat Size	Type	Recommended Solution
Less than 10m (32ft)	Boat	EBP200
	Catamaran	2 x EBP200
Between 10m to 20m (32ft – 65ft)	Boat	EBP300
	Catamaran	2 x EBP300
Greater than 20m (65ft)	All	Contact us to determine best solution based on individual boat
Commercial Vessels		
Sea Chest and Pipes		



ELECTRONIC BOTTOM PAINT

www.electronic-bottom-paint.com