

# DUMO ACM Quick Guide Installation

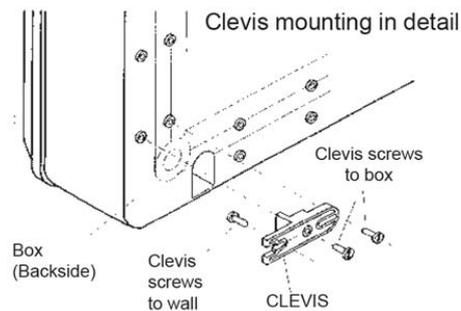
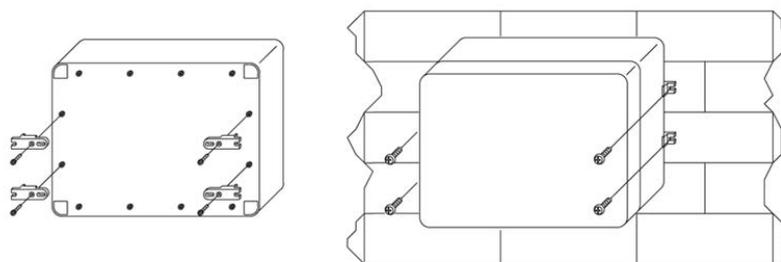


## Quick guide to install Dumo ACM:

### Control box mounting:

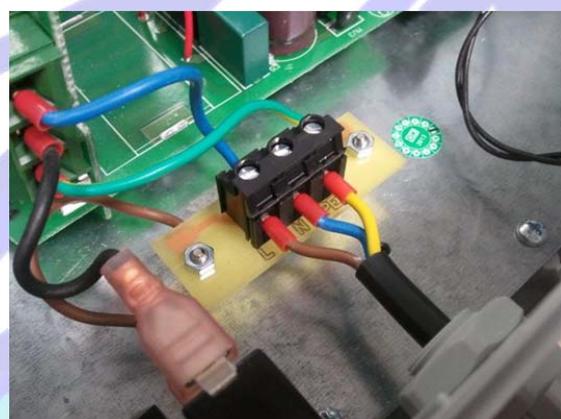
The control box of Dumo ACM is suitable for outdoor installation. The enclosure is made of UV resistant ABS protection IP56.

Always place the box vertically and, if possible, avoiding sunlight.



Open the control box. With the power switch placed in "Off" position connect the terminals L, N and PE to the power grid. Close the box. Now it is ready to work.

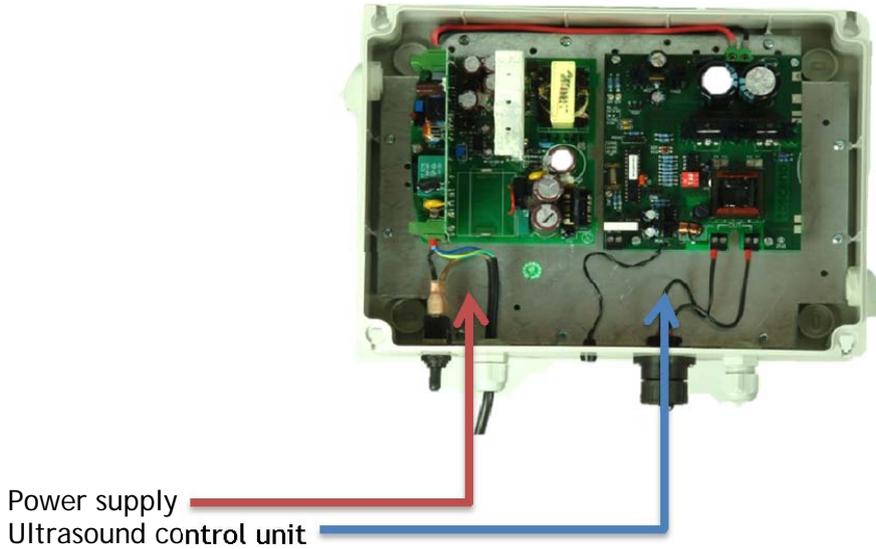
**ATTENTION: Do not switch On the equipment if the emitter is out of the water or disconnected**



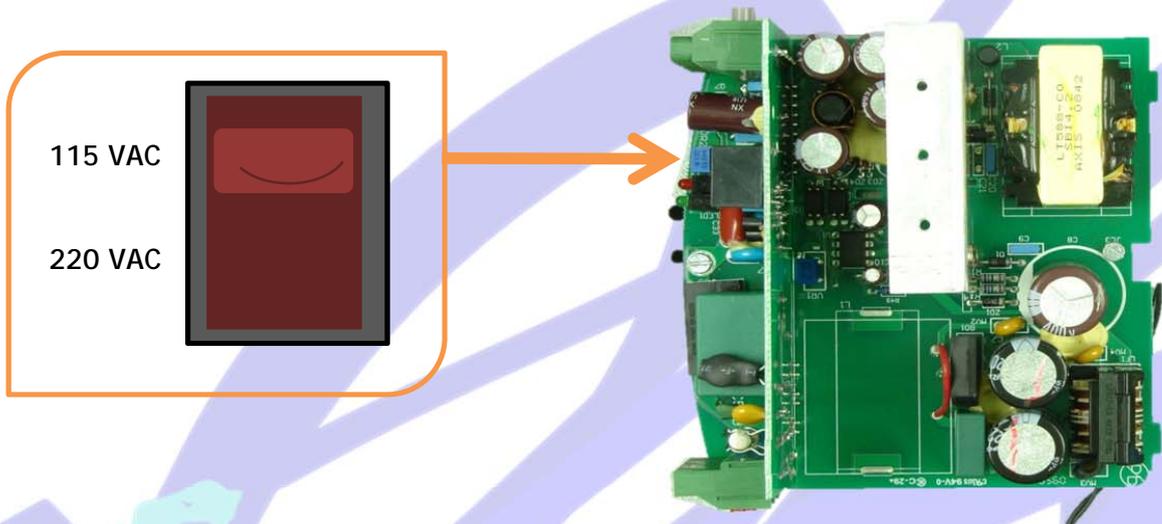


## Dumo ACM Power supply options:

Dumo ACM can be powered in different voltages depending in which case you may need it. Inside the control box you will find two electronic circuit boards, one for power supply and one for ultrasound control.



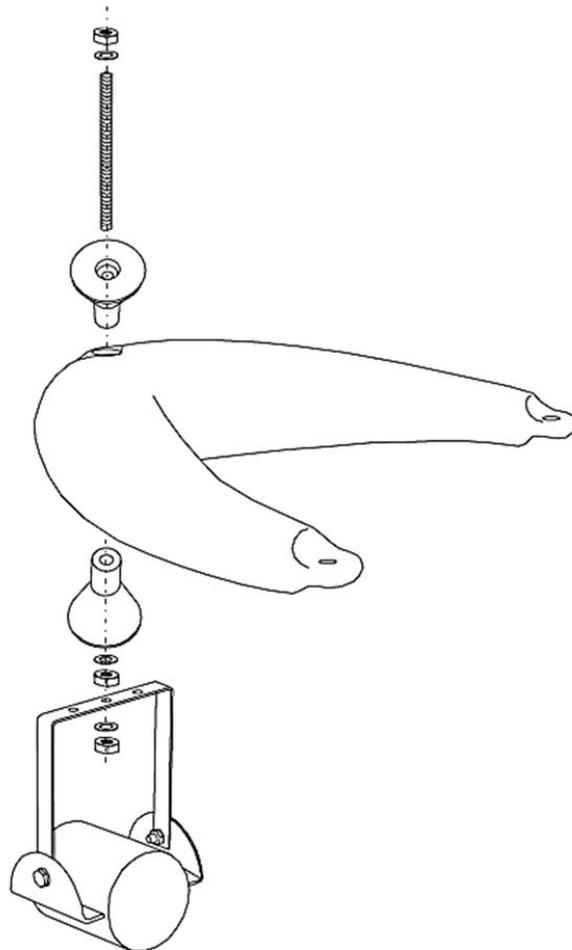
This power supply can be fed by 115 VAC or 220 VAC by switching a selector on one side of the printed board.



**Make sure you select the correct voltage supply before you connect the equipment to the grid supply.**

## Float assembly:

For the float assembly you only need to screw the emitter to the float.



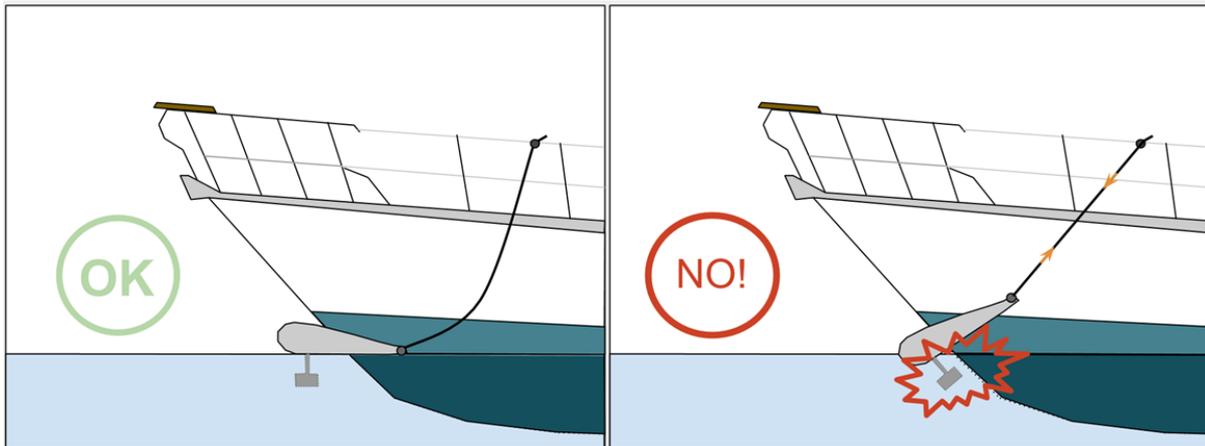
On the bottom of the float you will see a screw that looks out. Place the central hole on the yoke of the emitter and screw the nut. Now the ultrasonic transducer is ready to work.

## Installation on dock:

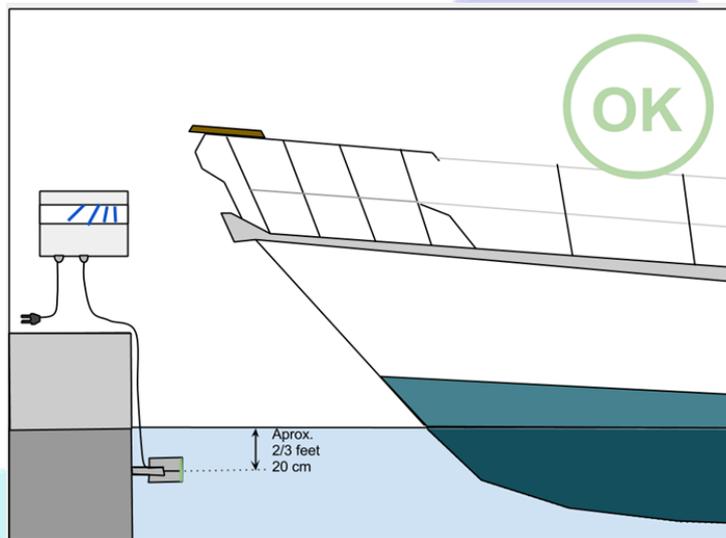
Dumo Algacleaner Marina is made for install it on the bow of the boat fixed by two ropes to the boat deck.

Float equipment must be floating freely, without forces which push the float out of the water surface.

**IMPORTANT!:** The ropes must be loose, just to keep the equipment on position.



Dumo ACM also can be mounted fixed to the dock. In this case the installation must be done placing the emitter 20cm ( 2/3 feet) deep approx. from the water surface. Deeper or closer to water surface will not work properly.



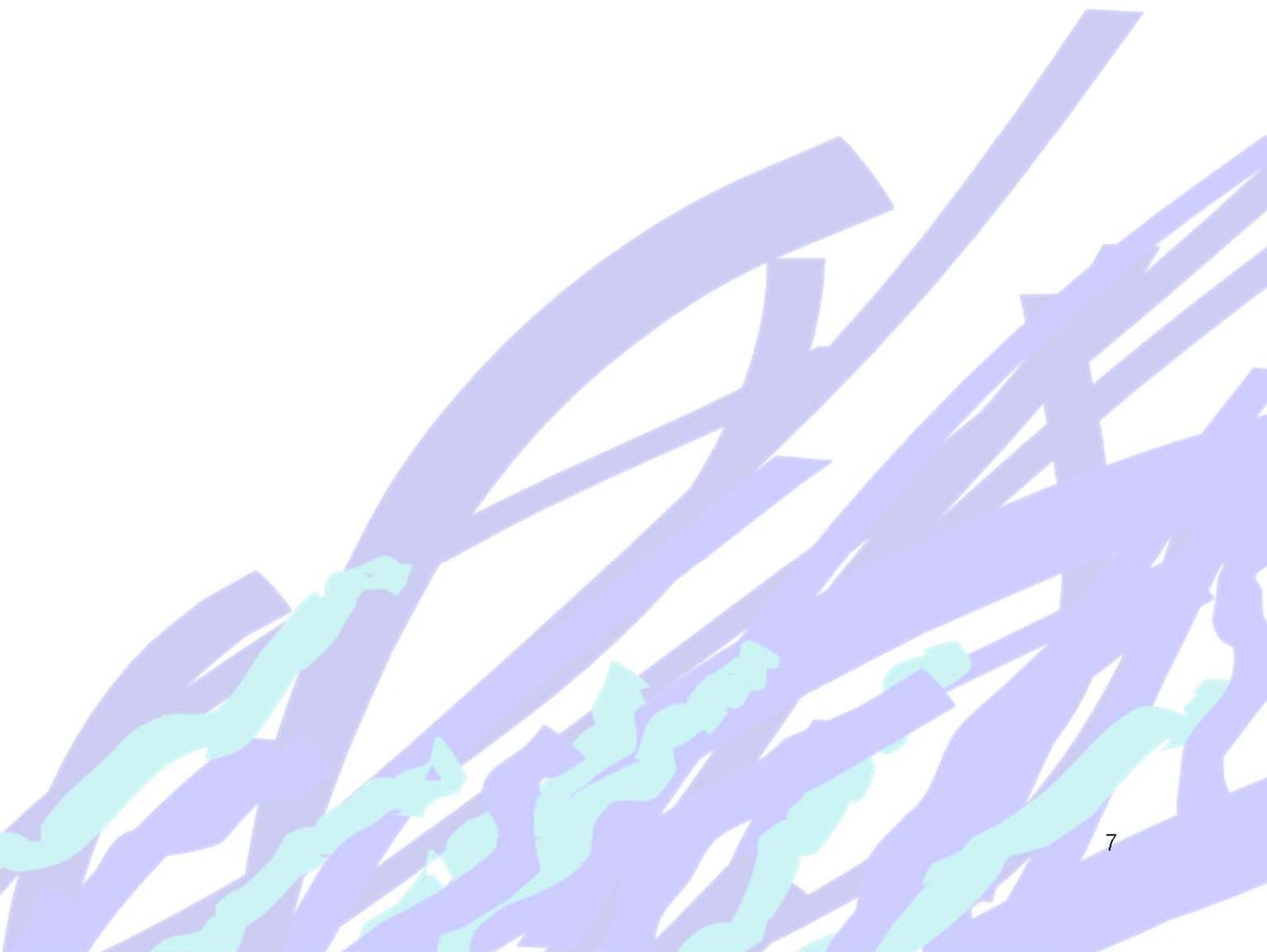
## Setting up Dumo ACM:

Connect the emitter to the control box.

**ATTENTION: Do not switch On the equipment if the emitter is out of the water or disconnected.**

Once you check that the emitter is placed correctly on water and plugged turn the main switch to "On" position. To check the operation of the equipment there is a red light on the control box blinking showing the emission of the equipment. In addition, you will hear a slight buzzing coming from the float.





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