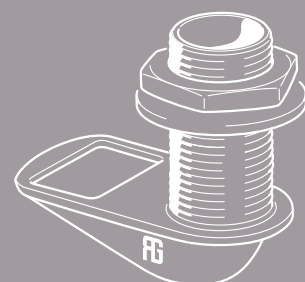
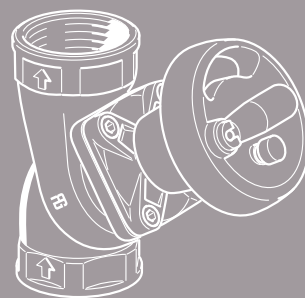
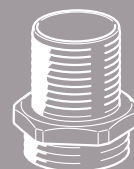
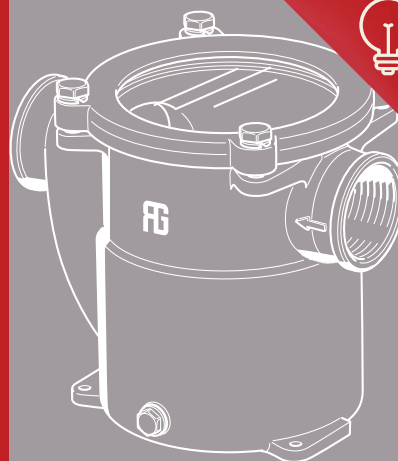


GuidiSystem



GUIDI SYSTEM

AN ASSORTMENT OF GUIDI PRODUCTS DESIGNED
TO ENSURE MAXIMUM SAFETY OF THE BOAT'S
HYDRODYNAMIC SYSTEMS



Application

The Guidi System has been designed to improve the performance of the hydrodynamic water flow:

- **it reduces** pressure drops
- **it avoids** air bubbles and cavitation
- **it provides** an ideal system with maximum safety features.

The Guidi System continues to guarantee its efficiency even with a slight accumulation of dirt. However, proper maintenance and regular cleaning is essential.

The Guidi System is therefore an essential system for the boat.

The kit consists of:

- water intake
- non-stick valve
- water strainer



The assortment of Guidi products in detail

Water intake

Usually installed on the hull, it is the point where seawater enters the boat and allows the required flow of water to be directed into the hydrodynamic channel (through a hull passage). It is important that it is always able **to convey the correct flow of water, without reducing it and without creating turbulence in the system.**

Items [1112B](#), [1113B](#), [1260](#), [1261](#), [1262](#) (NEW - coming soon)

Non-stick valve

The non-stick valve is connected to the water intake or the thru-hull connection and opens and closes the passage of water. **They are therefore devices that allow to control the flow of water in the system.** These models are not operated by a lever that sets a ball in motion: in fact, the lever is often difficult (or inconvenient) to operate and is more prone to blockage, breakage or frozen and unable to move.

Non-stick valves have a screw-type rotary mechanism that is activated by a swivel head to move a very smooth and easy-to-handle opening and closing component. Due to the function of this system and its very delicate position, **this internal mechanism is covered with a membrane to protect it from fouling.**

Specifically, 2260 Alex model is a straight valve, full flow, with no pressure drops: this prevents from fouling forming or blocking. Thanks to small dimensions it can be installed in tight positions, very easy to operate and practical.

Items [2200](#), [2210](#), [2220](#), [2230](#), [2240](#), [2250](#), [2260 Alex](#), [2261](#), [2275](#)

Water strainer

It is an essential component **to ensure the quality of the water withdrawn and protect the noble parts of the hydrodynamic system**, such as the pumps.

The function of the strainer is to retain impurities, sediments, algae and other contaminants in seawater. Water strainers have airtight closures, and some allow a view from above through a transparent polycarbonate cover: it is therefore very easy to check the conditions inside them.

Items [1162](#), [1163](#), [1164](#), [1166](#), [1281](#), [1283](#), [1160B](#)



More about it

- [Technical description of Water inlets and Scoops](#)
- [Technical description of Non-stick valve](#)
- [Technical description of Flanged non-stick valve](#)
- [Technical description of Full flow ball valve](#)
- [Technical description of Mediterraneo Strainer](#)

Features and advantages of the Guidi components

The common **features** of the items in the system are:

- have been **patented**, at different times, confirming our engineering innovation
- being made of Italian **bronze**, for greater resistance to corrosion

The **advantages** of the Guidi System (water inlet, non-stick valve, and water strainer, connection fittings, also made of bronze) are many:

- functionality
- ease of operation
- durability
- attractive design
- reliability
- practically 100% recyclable
- made in Italy
- safety



The longer life option - Durability & Recycling

New products development must consider a more accurate and sustainable analysis of their lifespan. Each product has got a very high durability with a quality and functioning warranty, by keeping its physical and mechanical material characteristics.

Ordinary maintenance while using these products is very low. Thanks to the easy way of taking components apart it will be possible to extend life of material beyond components working period. When product life gets to the end, through processes allowing to re-use of raw materials, each product is almost entirely recyclable.

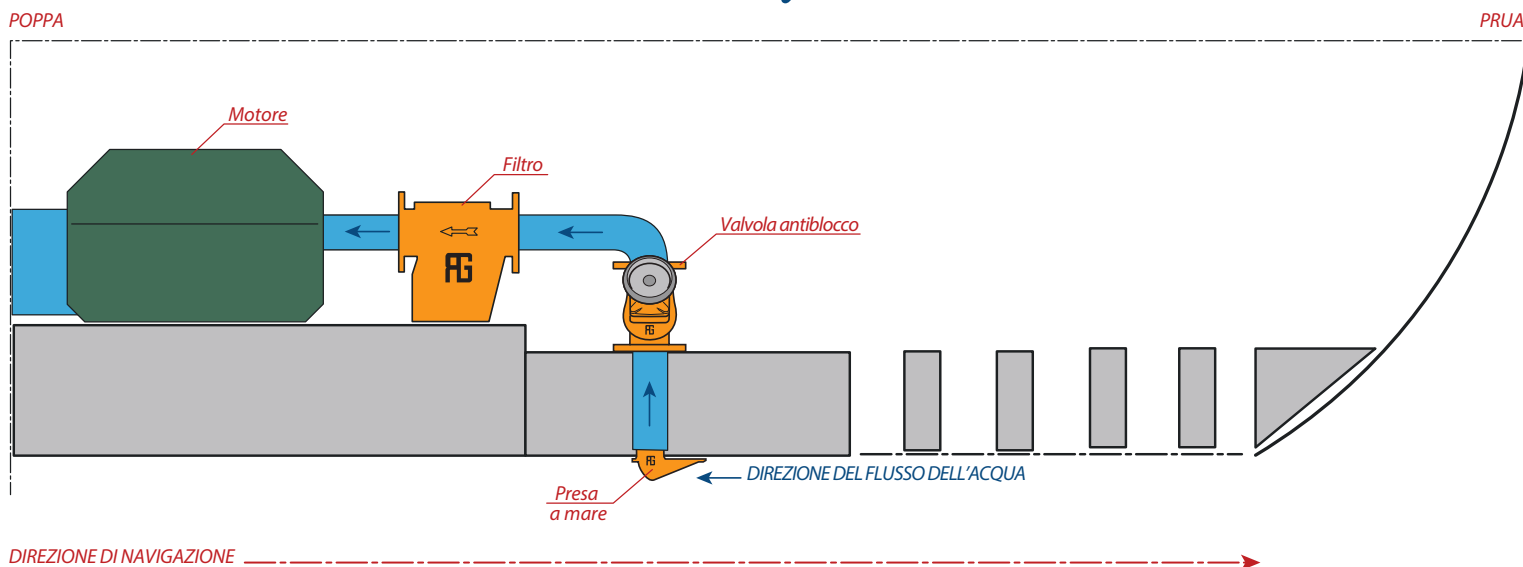


Installation

Indicative diagrams for the installation of the Guidi System:

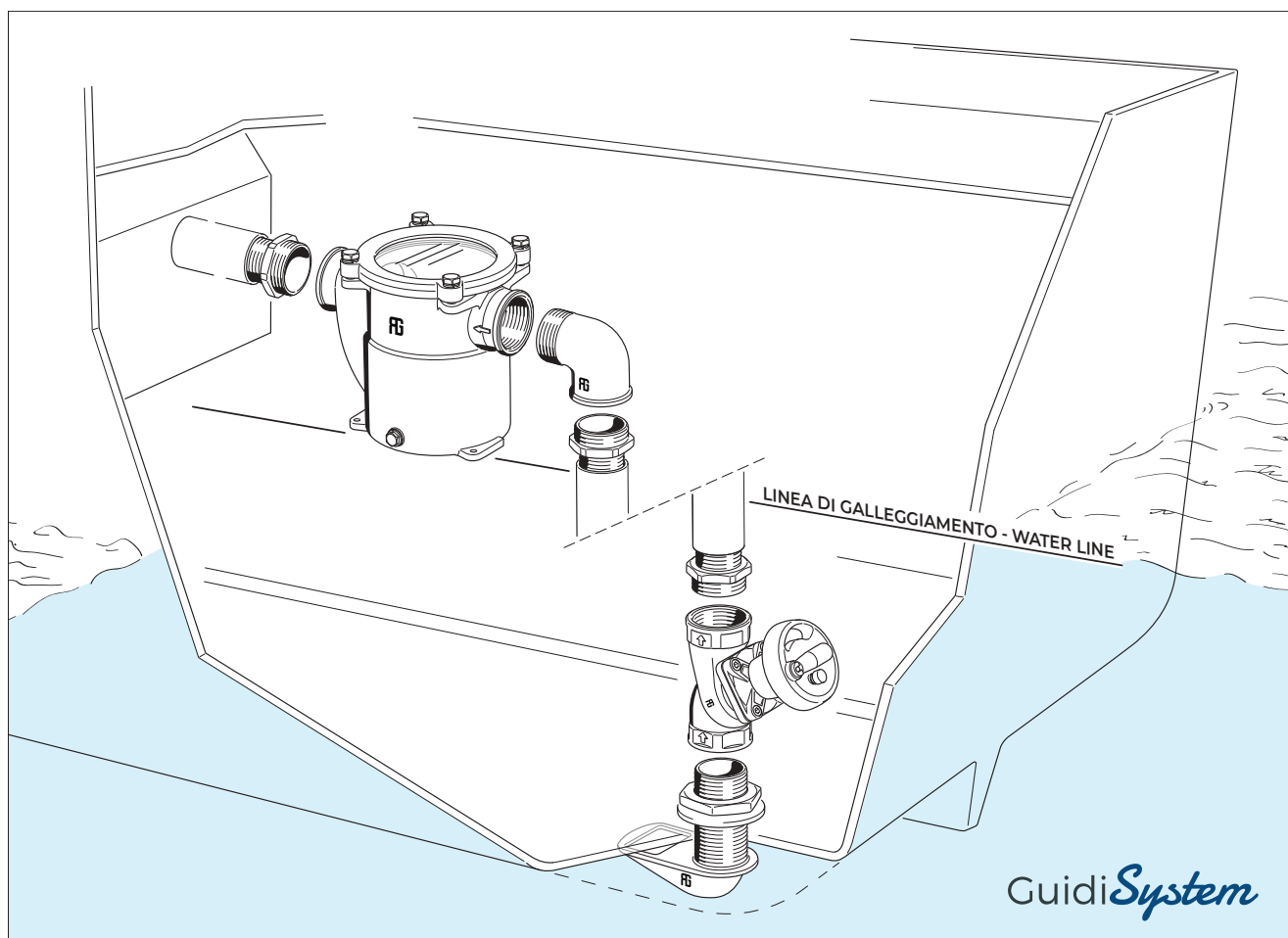
- indicative assembly plant
- Guidi System installation with non-stick valve 2210
- Guidi System installation with non-stick valve 2260 Alex

GuidiSystem



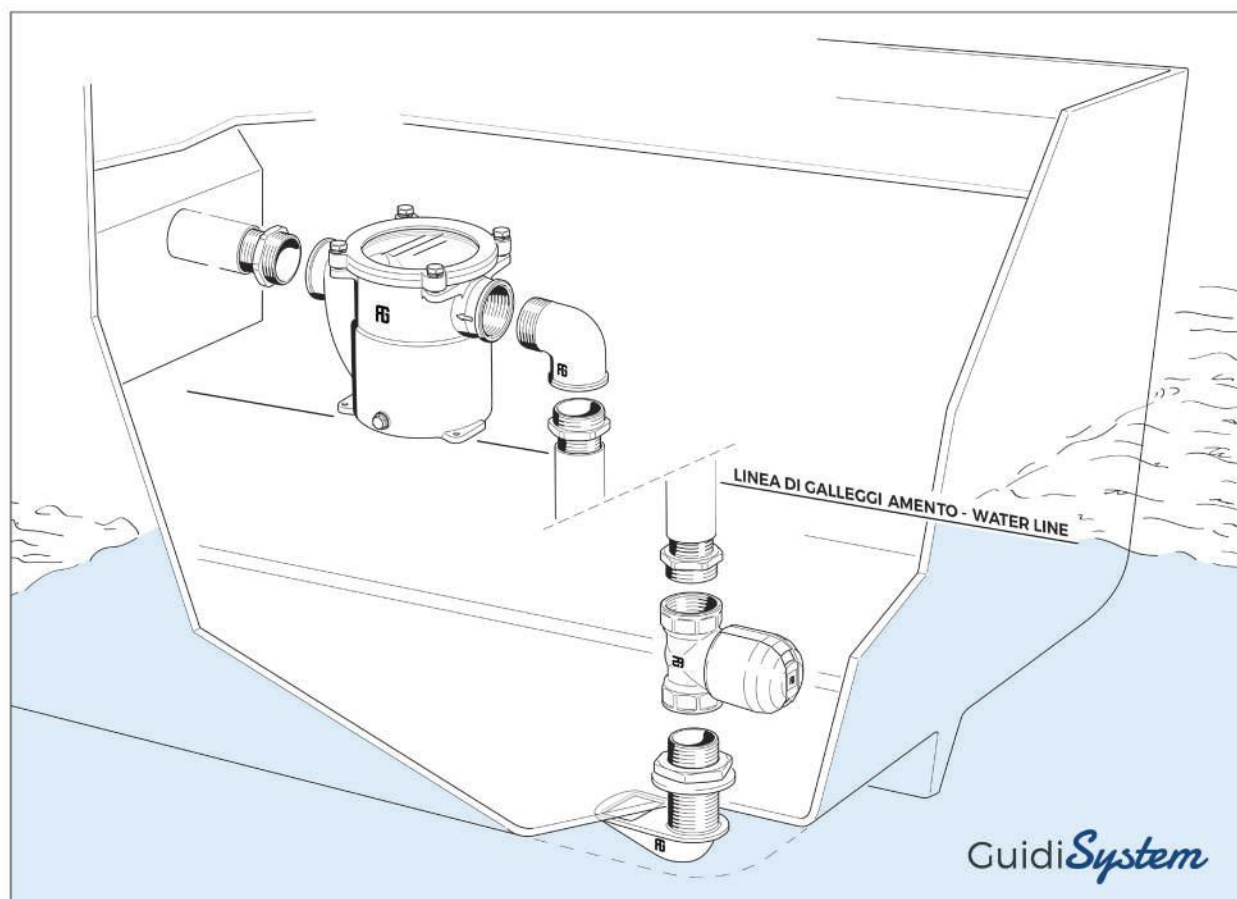
Indicative assembly diagram of the Guidi System
(water inlet, non-stick valve, water strainer)



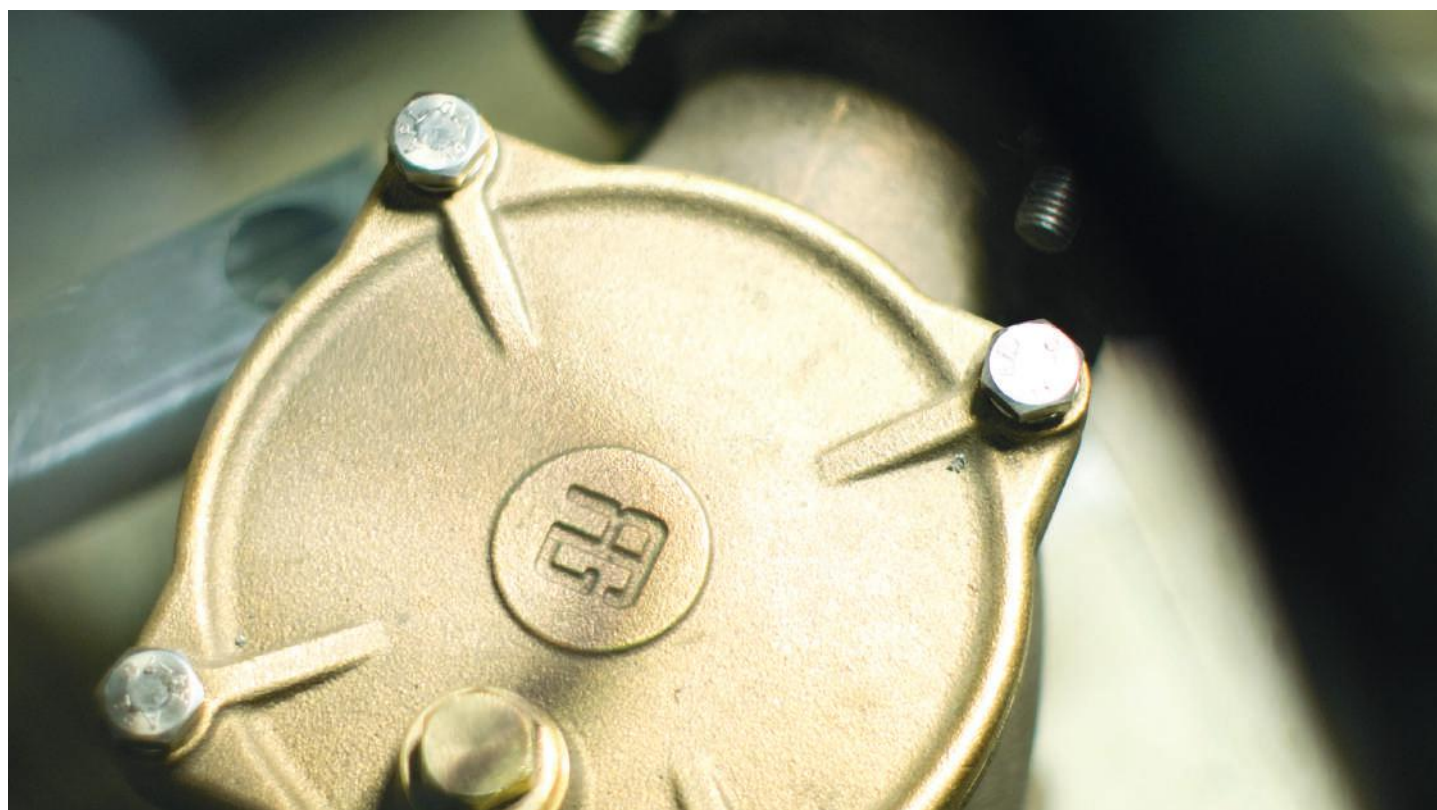


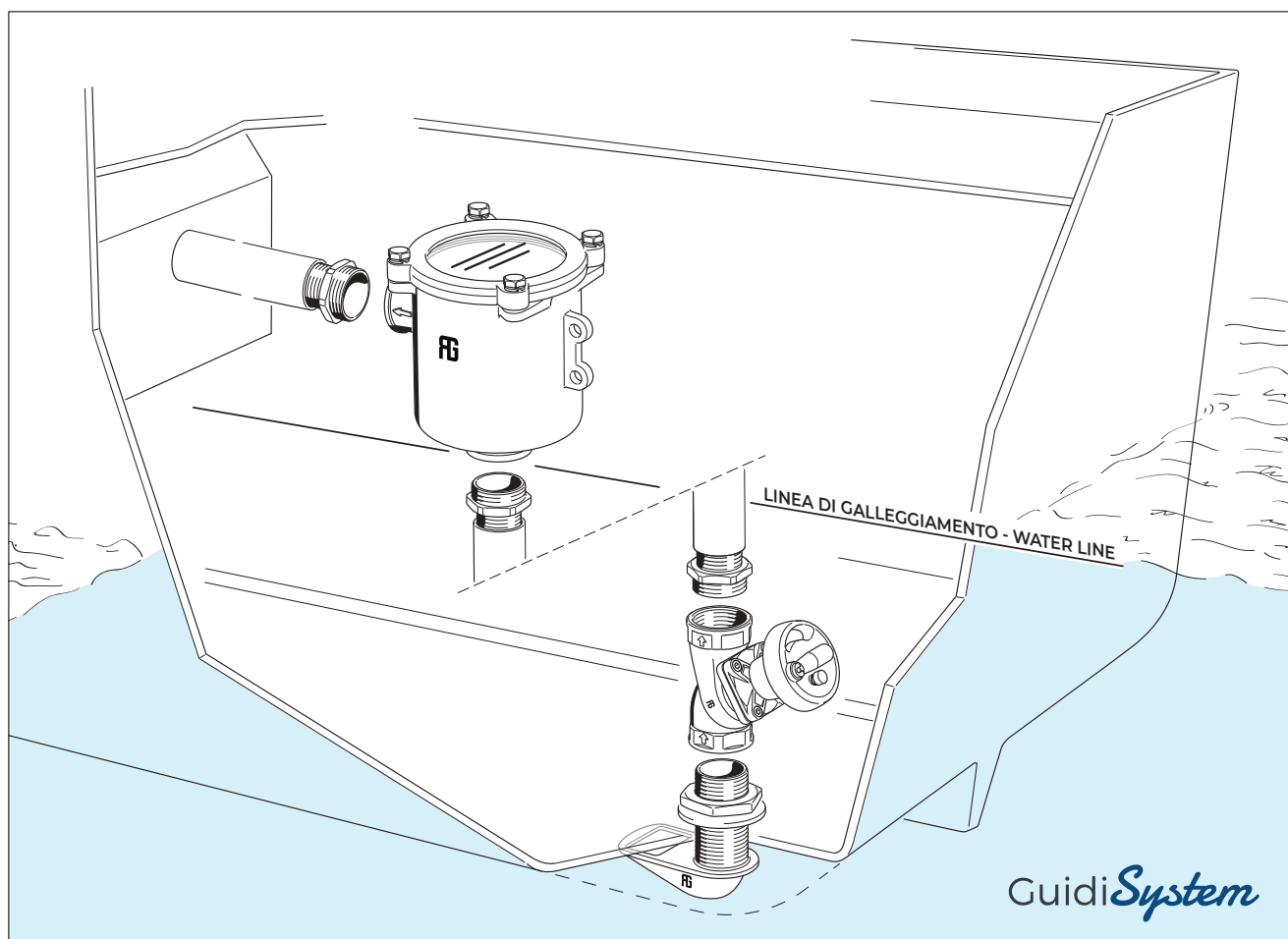
Guidi System layout with Mediterraneo strainer 1163 and Non-stick valve 2210





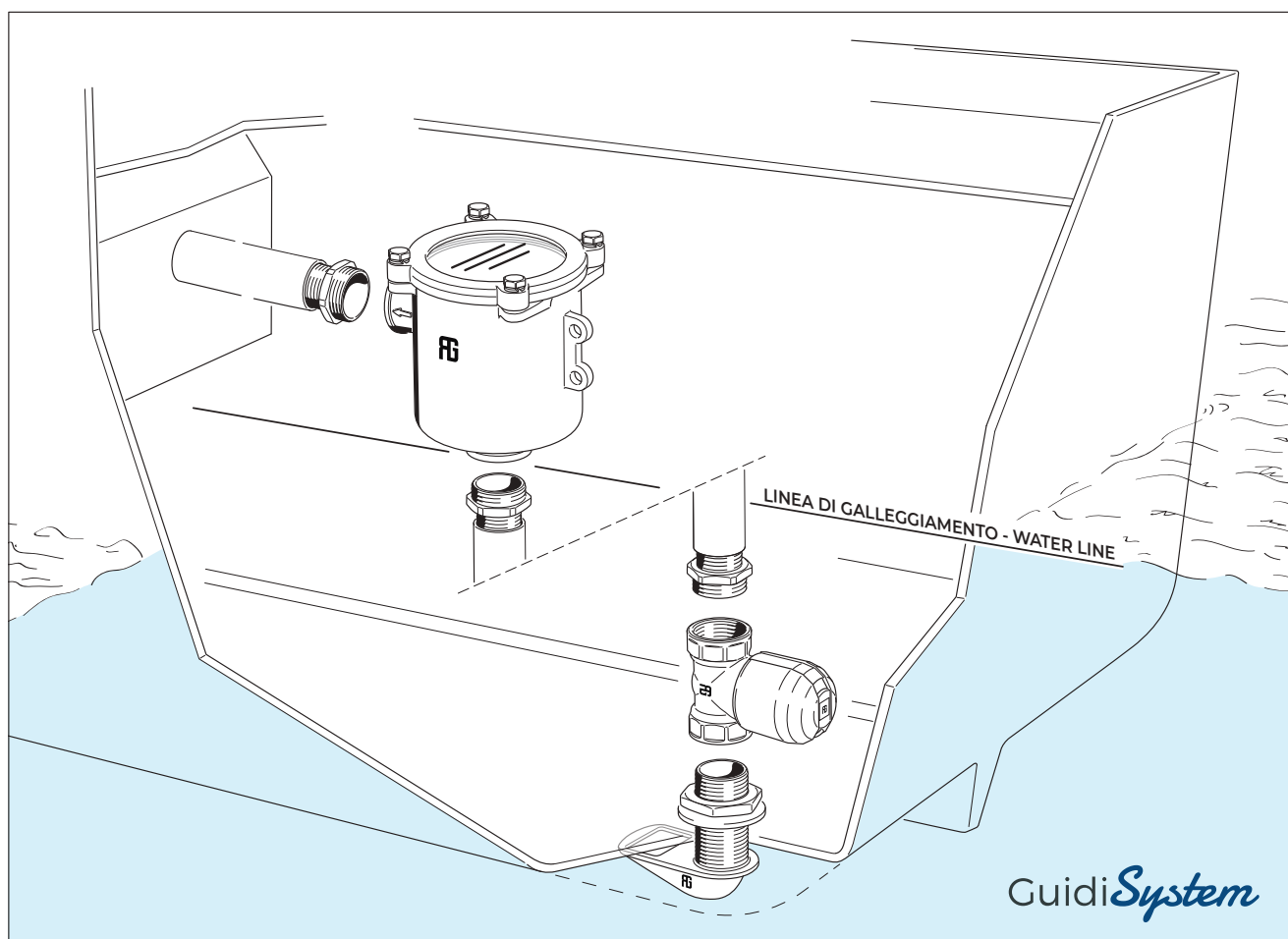
Guidi System layout with Mediterraneo strainer 1163 and Non-stick valve 2260 Alex





Guidi System layout with Ionio strainer 1164 and Non-stick valve 2210





Guidi System layout with Ionio strainer 1164 and Non-stick valve 2260 Alex



Read more...

Water inlet, non-stick valve and water strainer are the hidden parts that **keep the engine healthy and more**.

They regulate the passage of seawater from the outside of the boat to the inside, where it is piped into a circuit and used to keep the engine properly cooled.

Water intakes and valves basically let in the water needed to keep the engine properly thermoregulated and then drain it back out.

In addition to **the cooling system**, other systems that require a constant exchange of water between the inside and outside of the boat, and which must always be in perfect working order, are **the toilets and their drainage**, as well as **the air conditioning and the watermaker**.

Once the importance is understood, one must ask what **critical issues** a boat's plumbing systems may encounter and what should be done **to prevent them**.

The salty water from the sea puts a strain on valves and water inlets, as it tends **to corrode them** over time. This phenomenon is even more pronounced in the higher salinity seawater around the world. In addition, seawater can contribute to fouling by carrying microorganisms, algae, waste, etc., which reduces the flow rate of the systems.

It should be added that in modern boating, as we know, the use of electronics on boats is becoming more and more massive: **currents** emitted by the many devices on board contribute to corrosion problems.

The first help for the boater can come from materials, even before technology. **To avoid problems** with these accessories with such a delicate function, it is always recommended **to use parts made of bronze**, an alloy that contains a low percentage of zinc (around 5 percent), a material easily prone to corrosion.

Bronze is therefore much more resistant to corrosion than brass, for example, where the percentage of zinc rises instead to around 35 percent, making it easier for parts to deteriorate.

Another good rule to remember is **to handle valves often**, to prevent them from sticking. Not many boaters do this, perhaps out of simple forgetfulness. Also to avoid problems like these, **Guidi has created the non-stick valves**.

Finally, it would also be useful and wise to regularly check **the sacrificial anodes: these must "wear out,"** otherwise other elements of the system would be damaged, going to compromise safety on board.



Don't forget to share your ideas with us!

 Via delle Acacie, 2
28075 Grignasco (NO) - Italy

 +39 0163 418000

 info@guidisrl.com

 <https://www.guidisrl.it>

 [guidi_srl](https://www.instagram.com/guidi_srl)

 [@guidisince1968](https://www.facebook.com/guidisince1968)

 [Guidi srl - Marine Accessories](https://www.linkedin.com/company/guidi-srl)

 [guidisrl](https://www.pinterest.com/guidisrl)

