

Features

Thank you for choosing an STC Trade seawater filter. The filters of STC Trade are made of polyethylene. These filters are smooth, resilient, durable and resistant to galvanic corrosion. Every single filter is subjected to severe checks during the production and to a final inspection. The whole range of STC Trade filters is within the IMO rules.

Fields of application

The STC Trade filters have been designed exclusively for the installation in the cooling systems of marine engines for both pleasure and work boats as (luxury) yachts, commercial ships and fishing vessels of a broad range of dimensions.

Installation

Take the filter out of the box and remove all packing materials. Secure the filter in the correct position with the handle and the antirotating nock or slot. Ensure there is enough space to take the filter out of the basket when cleaning or doing a check. Ensure the water flows through the filter in the right direction.

Maintenance

To ensure the product works properly, please check the basket regularly and clean if it is dirty. Especially a few hours after the system has been started for the first time: check if there are impurities due to the installation of new pipes or equipment.

How to clean the filter basket. Switch off the engine and close the inlet valves. Close the valve to the cooling system. Remove the lid. Take the inside basket out and carefully wash it or scrap it.

Put the filter basket back in its correct position. Check if the O-ring is in good condition and carefully put it back in its position. Please pay attention and check if the O-ring is flattened. If so, it is better to replace the O-ring.

Recommendation: replace the O-ring every time when you replace the filter basket.

When any component look worn out, or in case of doubt, replace it. Before starting the engine cooling circuit, ensure that the lid is correctly tightened with bolts, screws and washers on the casing. Open the valves on both sides of the strainer.

Information

For further information, please do not hesitate to contact the manufacturer.



INSTALLATION, MAINTENANCE & SERVICE INSTRUCTIONS



www.stctrade.nl

Koninginnegracht 39
2514 AD Den Haag
The Netherlands

Instructions HDPE filters

Attention

The Perfoplast filters are made of plastic. HDPE or high-density polyethylene is a material with excellent qualities such as corrosion resistance, low weight and impact strength. It is also hard to stick, glue and attach materials to HDPE. HDPE is a soft material and very easy to work with (e.g. cutting, drilling or sawing). The density is approximately equal to water. On the other hand, HDPE is plastic and need to be handled with care.

General

- Do not throw the filters, handle with care.
- Do not hammer the filters on the ground to get the algae off.
- Keep in mind that HDPE is a softer material than stainless steel. It has a lot of benefits but the material is weaker. Handle with care.
- After replacing the filter, please check if the marks on housing matches the filter.
- After replacing the filter, please check if it fits the housing and rests on the edge/flange. Do not use the lid to press the filter into place.

Guarantee

- When failing to follow the instructions the warranty is not valid.
- Our warranty conditions apply as stated in the general conditions.
- A maximum operational period between cleaning cycles: one month or shorter depending on the area.

Pulling instructions

The weight of a plastic filter is one-tenth of the weight of a metal version. Some filters are provided with a handle. These handles are not as strong as the metal equivalent. Only the larger filters are provided with an inbuilt stainless steel reinforcement. Use the handle carefully, it is best to pull by hand. Only use a chain hoist when the basket is fully filled. Do not use if the basket is stuck in the strainer.

The filters are easily damaged. It is better to clean the inside of the filter with a scraper. If necessary use a strip to go around the filter between strainer and filter to loosen it before lifting.

Cleaning instructions

There are two main methods of cleaning the filter: scrape and high-pressure cleaning.

In case of scraping: use a plastic scraper. Hold the scraper always parallel to the surface.

In case of high-pressure cleaning: start with low pressure on a little part of the filter. When the result is good, adjust the pressure and clean with care. Do not stay long at one spot.

