MANN+HUMMEL
Filters for marine engines
Advantages for the marine industry

**HIGHEST QUALITY**
Marine vessels withstand extremely high loads and the use of inferior filter elements can lead to excessive wear. Filters from MANN+HUMMEL ensure you can rely on maximum performance and minimum wear even with heavy loads. Our products are manufactured from high quality materials and are subject to stringent wear tests. This means with every service you benefit from a high standard with original equipment quality.

**PROVEN RELIABILITY**
In marine applications it’s all about punctuality and continuity – your marine engines have to be available for service at any time. The high separation efficiency of our filters will improve the protection of your load, this has a positive effect on the service interval and extends operating hours. Expensive repairs can be avoided through MANN+HUMMEL products that are high performance and easy to service which will improve the economic efficiency of your marine vessels.

**INNOVATIVE TECHNOLOGY**
MANN+HUMMEL products are produced by a state of the art process of continual quality improvement. We are no strangers to Industry 4.0, using modern RFID technology we contribute to the digitalization of your systems and enable you to implement automation at a new level. Our experts are there to support you as you take this step into the future.

**MAXIMUM SAFETY**
Safety is a top priority for marine applications, especially with regards to passenger transport. We make a contribution through the excellent quality of our products and our compliance with high standards. Our oil filters, fuel filters and centrifuges are certified to SOLAS (Safety of Life at Sea) standards and offer maximum safety.

**ONE STOP SHOP**
The wide range of MANN+HUMMEL products cover your filter requirements for marine vessels including diesel engines, air conditioning and ventilation systems. By ensuring a uniform standard of service and quality this will save time and costs.

**GLOBAL SALES NETWORK**
Marine vessels are in use all over the world and require an extensive service infrastructure. The global distribution network of MANN+HUMMEL enables us to provide you with the filter elements you require at any time and any place. You will benefit from our highly responsive network of dealers and partners on all continents.
Air cleaners for marine engines

On the open sea high performance is essential for marine engines and their components. The extreme operating conditions make operational reliability an absolute must. High quality filters for fuel, lubricating oil and intake air are an important safety factor. MANN+HUMMEL meets the high standards which are required by certification companies such as Germanischen Lloyd and Lloyds Register of Shipping. Our range of products ensure low-wear operation and reduce the failure frequency of marine engines.

Quality filters and components from MANN+HUMMEL are essential for high performance marine engines. Here you can find an overview of our products.

AIR CLEANERS

Our robust single- or two-stage air cleaners offer highly efficient filtration with the lowest possible pressure drop in a compact space saving design for ever decreasing installation spaces. MANN+HUMMEL has developed high performance filter media especially for marine engines ensuring clean air to protect the engine and contribute significantly to the efficiency of the drive. The dust holding capacity of our filters handles medium to high dust loads.
Oil filters and centrifuges for marine engines

**OIL FILTERS**

MANN+HUMMEL oil filters are equipped with modern media to ensure the oil quality and the smooth operation of the engine. A high dirt holding capacity and superior filtration performance lead to long service intervals and a high level of reliability. The integration of additional functions such as bypass valves and differential pressure sensors make our oil filters particularly reliable and durable. The robust design of the oil filter systems meet the highest requirements regarding resistance to vibration and pulsation and fully comply with SOLAS standards for maximum safety.

**CENTRIFUGES**

Centrifuges are used to maintain the condition of the lubricating oil in the bypass flow and reliably separate contaminants. They efficiently contribute to the protection of the engine and extend the service life of the oil. Our centrifuges are characterized by high separation efficiency which some fine filters have difficulty achieving. The new concept of the Easy Service Centrifuge (ESC) from MANN+HUMMEL offers a clean, quick and easy maintenance approach which will set the standard for the next generation of centrifuges.
CCV and fuel filters for marine engines

CRANKCASE VENTILATION (CCV)

Our highly efficient and robust oil separators offer perfect protection for the turbocharger and the engine components fitted downstream. The filter media within the ProVent² series is newly developed by MANN+HUMMEL and offers an extended service life whilst setting new standards. The modular concept enables flexible and extensive use. The filtration of the crankcase gas significantly reduces oil consumption and engine emissions.

FUEL FILTERS

The PreLine prefilter series from MANN+HUMMEL separates coarse particles and water from diesel fuel. Highly efficient main fuel filters separate the finest particles from the fuel providing efficient protection for the injection system of your marine engine. MANN+HUMMEL fuel filters are characterized by a long service life and a quick and easy service.