

FIL-TEC RIXEN – your partner for Triple R products in shipping and industry

Since October 2019, FIL-TEC RIXEN GmbH® has been the new exclusive distributor of Triple R Industrial Services



The filter elements were specially developed for cleaning industrial oils and remove solid dirt particles from a size of 3 µm, water-, resins-, and oxidation residues.

Everything with one and the same filter element – not achieved by any other filter manufacturer in the world!

Triple R features:

The aging process of oil is stabilised, wear due to dirt particles is minimised, resin formation due to the oxida-

tion of oil is prevented, and the concentration of free water is reduced to below 100 ppm.

It extends the service life of important components, reduces oil consumption and minimises disposal costs for used oil.

This results in significantly fewer oil-related disruptions, which reduce production costs and thus leads to an increase in sales.

Triple R is 100% environmentally conscious

The Triple R three-stage filter concept

- The axial flow produces a 114 mm thick filter mass.
- The combination of the special Triple R cellulose material and the thickness of the element allows the absorption of water and oxidation products.
- The lower part is pressed together by a cardboard ring and leads into an even finer filter medium.



First tier

Large particles are retained on the filter surface.

Second tier

Smaller particles are enclosed in the filter middle section.

Third tier

The smallest particles are enclosed in the lowest, compressed part of the filter.



Oil cleaning systems

Offline oil filter



SE Series

The SE Series can be used for hydraulic-, lubricating-, and engine oils. The offline system is equipped with its own motor-pump combination, which is suitable for pressureless use. Designed for applications with system capacities of approx. 3,750 litres. The SE system is available in a variety of models, including mobile configurations.

Perfect for: gas turbines, steam turbines, gearboxes, mobile hydraulic systems, generators, injection moulding machines, general hydraulics, fuel tanks, glycol-based fluids, compressor oils, etc.



OSCA Series

The OSCA Series can be used for hydraulic-, lubricating-, and motor oils. The offline system is equipped with its own motor-pump combination, which is suitable for pressureless use. Ideal for larger oil quantities. Due to their flexible range of uses and large capacity, the Triple R OSCA filter systems are also extremely suitable for circulation and (oil) accidents.

Perfect for: gas turbines, steam turbines, gearboxes, mobile hydraulic systems, generators, injection moulding machines, general hydraulics, fuel tanks, glycol-based fluids, compressor oils, etc.

Bypass oil filter



BU Series

The BU Series can be used for hydraulic oils, is additionally connected to the system like a bypass filter, and uses the existing pressure at a maximum of 343 bar. Available in aluminium (BU-30, 50 and 100), stainless steel 304 (BU-200 and 300), and water/glycol versions.

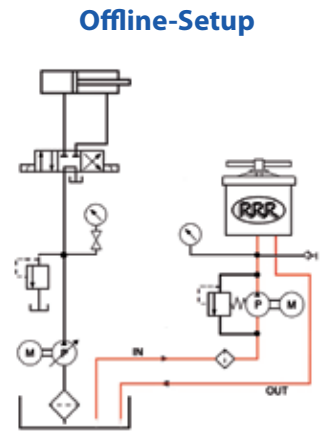
Perfect for: mobile hydraulic systems, injection moulding machines, hydraulic systems, etc.



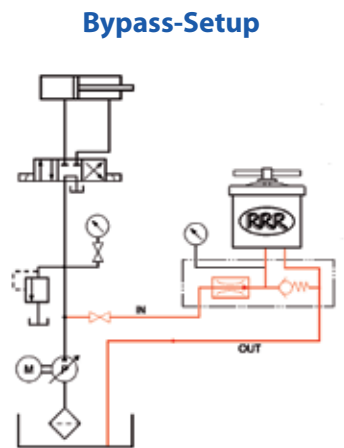
AL-, SS-, and SU Series

The AL-, SS-, and SU Series can be used for hydraulic-, lubricating-, and engine oils. They are connected to the system like a bypass filter and use the existing low pressure rate at a maximum of 6 bar. Available in aluminium (AL series), steel (SS series), and stainless steel 304 (SU series).

Perfect for: hydraulic systems, (main) engines, gearboxes, etc.



Offline-Setup



Bypass-Setup

On our download page you will find all our **info brochures** as PDFs. They describe how this filter technology is used in maritime shipping, domestic shipping, wind power, the refrigeration industry, injection moulding, the energy sector, industry, and in mobile hydraulic systems. The **technical data for sizes and flow rates** of the individual systems can also be found in the download area.

We can also find the right solutions for special use cases.

Please do not hesitate to contact us if you have any questions.

More than 35 years of experience in filter technology



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