

HYDAC AutoFilt® RF9

AUTOMATIC FILTER WITH HYDROPNEUMATIC BACK-FLUSHING FOR HEAVY DIESEL ENGINES

Challenge:

In response to the Tier III standard to come into effect in 2016, the International Maritime Organization (IMO) is setting tighter limits for climate-relevant ship exhaust gases such as nitrogen oxides and sulphur oxides.

The marine engine builders use common rail systems to reduce fuel consumption and to reduce the exhaust gases, resulting in new requirements for efficient fluid management of marine engines.

HYDAC's solution:

To meet the resulting requirements in relation to the purity of fuels and lubricants on board a ship, HYDAC presents the new AutoFilt® RF9.

This filter is a product of HYDAC's expertise and innovative strength, and unites solid filter technology and tried-and-tested piston accumulator technology to form a new, innovative filter design.

The AutoFilt® RF9 is characterised by its globally unique and patented hydropneumatic back-flushing technology and reliable media separation.

Benefit from solid filter technology and highly efficient back-flushing all in one system. HYDAC stands for more than 50 years' experience in the fields of hydraulics, systems and fluid engineering.



Area of application:

Filtering fuels and various lubricating oils in heavy diesel engines

- Diesel
- Marine Gas Oil (MGO)
- Marine Diesel Oil (MDO)
- Heavy Fuel Oil (HFO)
- Pilot Fuel
- Biofuel Oil
- Lubricating Oil



**Hydropneumatic back-flushing
with reliable media separation**

Benefits and special features:

Design	Filtration	Back-flushing
<ul style="list-style-type: none"> ✓ Large filter area in a compact design ✓ Filter element secured ✓ Flow-optimised housing design ✓ Intelligent control system ✓ Heating by external media ✓ Low maintenance and easy to service 	<ul style="list-style-type: none"> ✓ Continuous fully automatic filtration ✓ Large open filter area ✓ Filtrate flow not interrupted ✓ Low pressure drop ✓ Proven HYDAC filter element technology 	<ul style="list-style-type: none"> ✓ Hydropneumatic back-flushing ✓ Effective cleaning pulse ✓ Reliable separation of media - filtrate and flushing gas not mixed together ✓ Cleaning without pressure drop ✓ Individually adjustable back-flushing intensity ✓ Low flushing gas consumption

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Technical Sales
Heavy Engines

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