

Filternox®

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Sea Water Filtration Italy

Filternox® Automatic Self-Cleaning
KFH-WBVV-MR



<https://www.filternox.com/filters/kfh-wbv-mr/>





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Filternox® achieved remarkable success in Italy with its innovative solution for direct filtration of seawater. One of our valued customers was grappling with the hassle of frequent cartridge filter replacements. Eager to enhance efficiency and extend the lifespan of their pre-Reverse Osmosis cartridge filters, they sought to transition from their conventional 50-micron filtration level filter to Filternox® Filters.

Project:	Replacing conventional filter with Filternox® Self-Cleaning Filter to filter sea water before cartridge filter
Flow rate:	200 m3/h
Filter model:	KFH-WBVV 116508-MR
First stage filtration rate:	100 micron
Second stage filtration rate:	25 micron
Operating pressure:	3.8 bar





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In response to their needs, Filternox® installed the cutting-edge KFH-WBVV 116508-MR filter model for this project. This advanced filter boasts a two-stage design, with the first stage featuring a dual-effect cleaning mechanism utilizing brush and vacuum cleaning, while the second stage incorporates a vacuum nozzle cleaning mechanism. Notably, it is capable of simultaneously filtering both large and small particles within the same filter body, with the second stage specifically targeting particles that may have escaped the first stage.



Since its commissioning in November 2015, this filter has significantly extended the lifespan of the cartridge filter by an impressive 50%. Continuously delivering exceptional performance, the Filternox® filter has operated seamlessly without any issues, providing our customer with reliable and long-lasting filtration solutions.



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This success story stands as a testament to Filternox's commitment to delivering effective and sustainable filtration solutions that truly make a difference for our customers.

Thank you

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