

# HQ-CL FILTER SYSTEMS

## ADVANCED FILTRATION TECHNOLOGIES

Fully automatic filters from HQ-Line offer an efficient solution for filtering various types of water, such as borehole water, surface water, and rainwater. These filters are designed to meet diverse needs, regardless of the required flow rate. The filters can also be used for the removal of heavy metals.



### KEY FEATURES

- **High Capacities:** Our filters can handle large volumes of water, making them suitable for both industrial and residential applications.
- **Adjustable and Automated Backwash Times:** The filters are equipped with adjustable backwash times and a fully automated backwash system. This ensures consistent and reliable operation without the need for constant supervision.
- **Long Lifespan and Minimal Maintenance:** Thanks to their durable design and high-quality materials, these filters have a long lifespan. Maintenance is minimal, contributing to cost-effective use.
- **Manual Start for Backwash Process:** While the filters operate fully automatically, there is also an option to manually start the backwash process when desired.
- **Various Media and Filtration Fineness:** The filters are available with different types of media and can filter down to a fineness of 1 microns (1  $\mu\text{m}$ ). This ensures a high degree of purity for the filtered water.
- **Compact and Efficient Design:** Despite their high capacity and advanced features, the filters have a compact design. This makes them suitable for installation in a wide range of environments.
- **Economical in Backwash Water Usage:** The filters are designed to efficiently manage backwash water, contributing to sustainable and environmentally friendly operation.
- **Maintenance:** Regular backwashing of filters is recommended to maintain their integrity and efficiency.





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## GLASS MEDIA IN SAND FILTERS

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An optional upgrade for efficiency and durability  
 Within our program, we offer the option to equip sand filters with glass media, an innovative solution with numerous advantages for water filtration.



**Refined Filtration:** Glass media has a finer structure than traditional sand, allowing it to capture smaller particles and resulting in clearer water and more effective removal of impurities.

**Even Water Distribution:** This option prevents channeling, a common issue with sand filters. It ensures optimal water distribution through the filter, enhancing filtration efficiency.

**Durability:** Glass media lasts longer than sand, meaning it requires less frequent replacement. This extends the lifespan of your filtration system and reduces operational costs.

**Reduced Maintenance:** With better self-cleaning properties during backwashing, the media is less likely to clog, resulting in less maintenance and longer filter life.

**More Hygienic:** Glass media also offers better resistance to bacterial growth, reducing the need for chemical additives like chlorine.

We offer this upgrade as part of our program, allowing you to benefit from higher filtration efficiency, lower maintenance costs, and a longer lifespan for your installation.

Art.nr.	Filter capacity per hour
160801	HQ-CL Sand filter   1m³/h
160802	HQ-CL Sand filter   1,7m³/h
160803	HQ-CL Sand filter   2m³/h
160804	HQ-CL Sand filter   2,7m³/h
160805	HQ-CL Sand filter   3,4m³/h
160806	HQ-CL Sand filter   4,6m³/h
160808	HQ-CL Sand filter   10m³/h

Also available as glass filtration for even finer filtering (self-disinfecting / longer lifespan).

