

HYDROTECH

The **smartest way**
to purer water

Your trusted partner in **Aquaculture**



 **VEOLIA**
WATER

Solutions & Technologies

Partners in Aquaculture

Preferred filter solution

- First class Swedish engineering & manufacturing
- Over 8000 microscreens sold
- Proven quality and exceptional longevity
- Short production time
- Flexible and modular, optimized design to assure a large flow capacity
- Wide range of long life filter panels (10-1000µm)
- Highest quality materials for both the fresh and salt water environments
- Intelligent backwash system provided as option to optimize power consumption and backwash water consumption; PLC based system upon request
- Ceramic backwash nozzles provided as standard, self-cleaning nozzles in stainless steel as option
- Manual cleaning backwash strainer provided as standard, self-cleaning backwash strainer as an option

Experience

- 30 years in the aquaculture market
- Global network ensures local support and expertise
- Rapid response to industry needs: complete support from sizing filter units to supplying spare parts
- Collaborative development with our business partners to fulfill market needs and demands
- Product design meets/exceeds market requirements



The highest levels of filtration efficiency

Water is filtered through the periphery of the drum and particles are carefully separated from the liquid through the special cell structure of the filter panels. As solids build up on the filter cloth, the automatic system starts rotating the drum and initiates the backwash. Solids are gently rinsed off the filter cloth and collected in the waste trough and discharged. The filtration continues on clean filter cloth during the backwash, thus allowing a continuous filtration process. The unique design of our filter panels prevent fragmentation through careful handling of the solids. This high filtration efficiency is essential in optimizing water quality parameters.

Flexible, modular design

The modular design incorporates 5 different drum diameters ranging from 0.5 m to 2.0 m with filter areas from 0.35 m² for the HDF 501 to 22.5 m² for the HDF 2010. In total there are 20 different standard drum filter sizes depending upon your requirements.

We also work with our knowledgeable clients by providing unique configurations to meet their specific needs.

Variable drive systems

The Hydrotech Drumfilter is available in two drive system versions: direct drive and chain transmission.

Direct drive

The direct drive is used on the two smallest drum sizes with 0.5 and 0.8 m drum diameter.

Chain transmission

For larger units, a chain drive provides optimum performance.

Most common units in aquaculture



Type 1, Tank
(fiberglass or stainless steel)



Type 2 frame
Open inlet



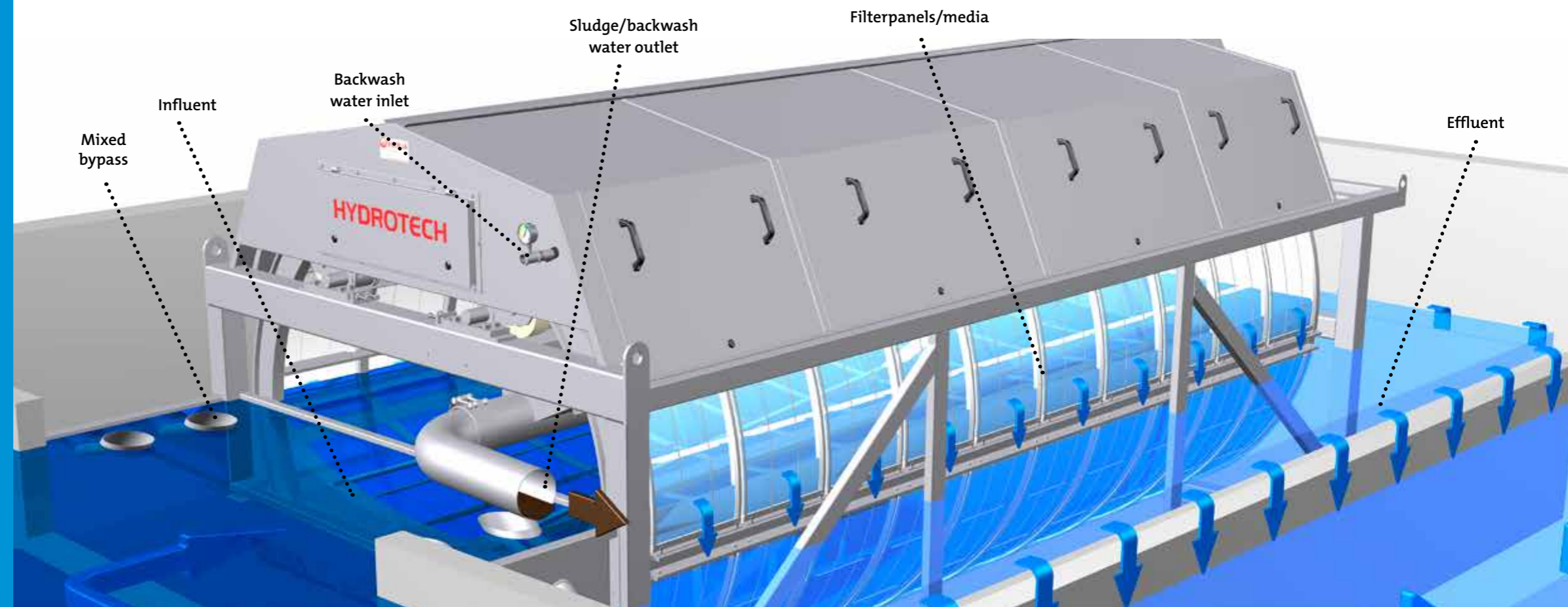
Type 2 frame, Channel inlet
(incl. connection for inlet channel)

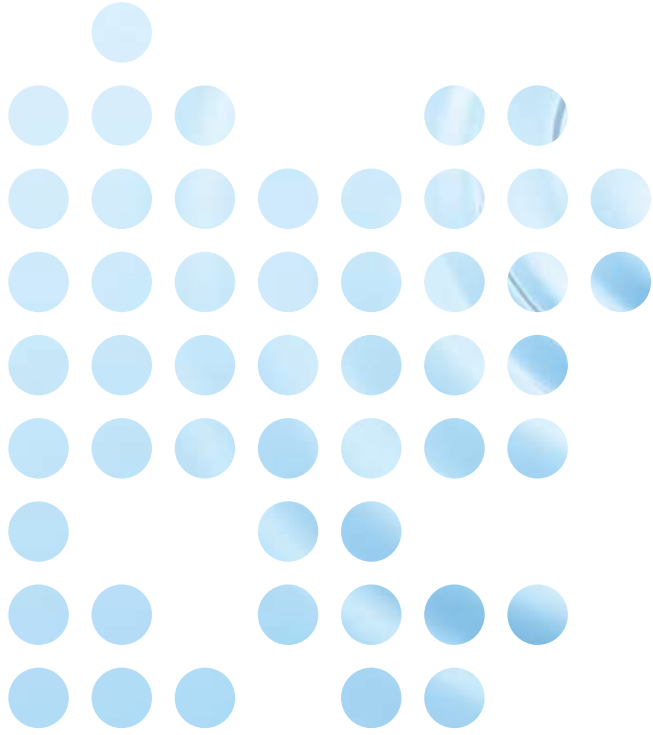


Type 2 frame, Open inlet
with Wing walls



Type 2 frame, Open inlet
with half tank





Hydrotech drumfilters are the most cost effective solution to improve water quality in the aquaculture market. Our rapid response to industry needs from complete support to supplying spare parts has made us the preferred choice in water filtration.

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