



HEX | Drum filter

The right choice for fresh- & saltwater!
Designed in Denmark. Manufactured in Germany.

Best Aquaculture Practice for more than 30 years



The innovative HEX | Drum filter has a unique HEX | BeeCell filter panel designed for reliable and efficient water filtration and removal of particles from 10 to 500 micron. HEX | Drum filter is simply best practice in water treatment for aquaculture businesses and show aquariums worldwide.



HEX | Concept – key features

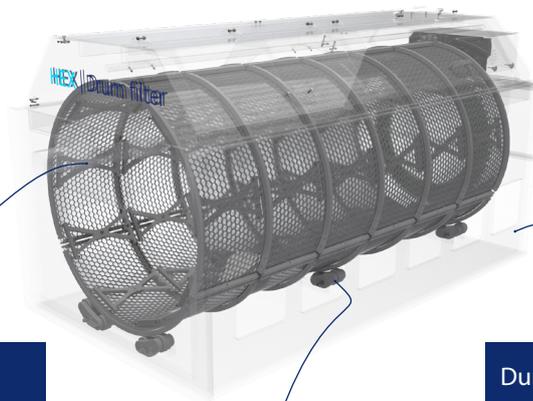
- Direct Driven Gear Wheels (DDGW). Unique and very robust gear wheels in high-tech polymer lubricated by the filtered water.
- Sludge tray, dual slope ensures easy slide of sludge to discharge pipe.
- Backwash, ceramic nozzles covering the full drum length. HEX | IC - Intelligent Control monitors the back washing.
- Non-corrosive materials: Cover, motor box, tank and sludge tray are fully made of life lasting HDPE. Drum is made of POM, special PVC & HDPE (Model X) or AISI 304/316 (Model F, FW/SW)

Designed in Denmark. Manufactured in Germany.

- CM Aqua strive to be a reliable partner for our customers.
- Our product range includes various parts of aquaculture equipment: drum filters, protein skimmers, biological filters.
- We are very proud of our internal Danish engineering team and German manufacturing facilities, that enables us to adapt our products to each customers individual needs.

HEX | X-series

... the right choice for saltwater!



Innovative drum design

- Fully made of high-tech polymer
- Fast and accurate filter panel fixture
- 100 % balanced drum
- Light weight and corrosion free
- Increased capacity and deeper submersion

High quality bearings

- Lubricated by water
- Made of ceramic
- Solid life lasting rollers made of non-corrosive POM replacing a central shaft

Durable drum and frame

- Made of high-tech polymer
- For RAS, flow through systems and aquaculture ponds
- For de-licing, wellboats, stun and bleed boats and slaughterhouses

Game-changing design from Denmark and manufactured in Germany

Smooth operation with low maintenance

Market leading filtration with HEX | BeeCell filter panel

Water and energy saving with HEX | IC

Non-corrosive even in warm saltwater

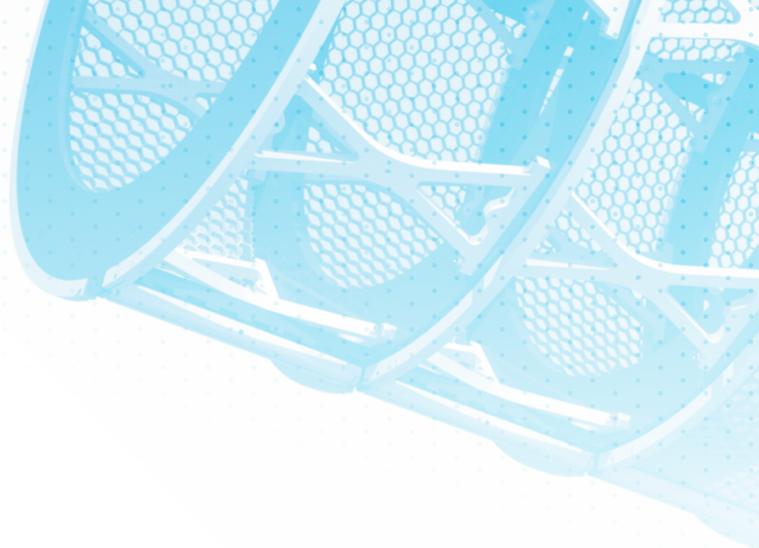
Excellent support from our biologists and engineers

Over 1400 installations in more than 50 countries



HEX | X-series

... the right choice for saltwater!



HEX | Drum filter X-series TANK

Description:

Closed version with the drum mounted in a tank with connection for fast and easy installation. The tank can have an internal bypass depending on the water flow.

Size	Filter Area	Capacity*
X1	0.46 m ²	10–50 m ³ /h
X2	0.92–5.52 m ²	25–740 m ³ /h
X3	4.41–12.42 m ²	116–1,400 m ³ /h
X4	7.36–16.56 m ²	224–1,900 m ³ /h
X5	13.0–36.80 m ²	396–3,000 m ³ /h

* Depending on filter area, micron and TSS



HEX | Drum filter X-series HALF-TANK

Description:

Half-closed version for flexible mounting in the system. The inlet can be made as open channel or with pipe inlet. The outlet is open, but with a level tank protecting the filter.

Size	Filter Area	Capacity*
X1	0.46 m ²	10–84 m ³ /h
X2	0.92–5.52 m ²	25–740 m ³ /h
X3	4.41–12.42 m ²	116–1,400 m ³ /h
X4	7.36–16.56 m ²	231–3,000 m ³ /h
X5	13.0–36.80 m ²	406–5,000 m ³ /h

* Depending on filter area, micron and TSS



HEX | Drum filter X-series CHANNEL INSTALLED

Description:

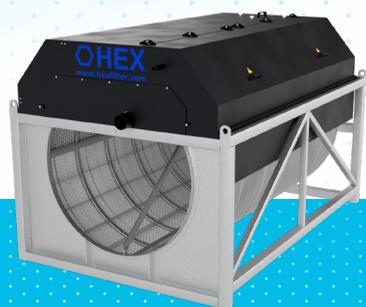
Open version with the high-tech polymer drum mounted in an open frame for building into a channel installation.

Size	Filter Area	Capacity*
X1	0.46 m ²	10–84 m ³ /h
X2	0.92–5.52 m ²	25–740 m ³ /h
X3	4.41–12.42 m ²	116–1,400 m ³ /h
X4	7.36–16.56 m ²	231–3,000 m ³ /h
X5	13.0–36.80 m ²	406–5,000 m ³ /h

* Depending on filter area, micron and TSS

HEX | F-series

... for regular and special purposes!



HEX | Drum filter F-series

CHANNEL INSTALLED

Description:

Open version with the AISI 304/316 drum mounted in an open AISI 304/316 frame for building into a channel installation.

Size	Filter Area	Capacity*
F4	7.36–16.56 m ²	179–3,520 m ³ /h
F5	13.80–36.80 m ²	336–8,736 m ³ /h

* Depending on filter area, micron and TSS



HEX | Drum filter F-series

HALF-TANK

Description:

Half-closed version for flexible mounting in the system. The inlet can be made as open channel or with pipe inlet. The outlet is open, but with a level tank protecting the filter.

Size	Filter Area	Capacity*
F4	7.36–16.56 m ²	179–3,520 m ³ /h
F5	13.80–36.80 m ²	336–8,736 m ³ /h

* Depending on filter area, micron and TSS

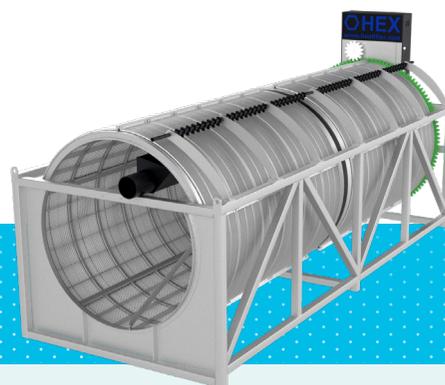


HEX | Drum filter F-series

SANI

Description:

The SANI model has the drum mounted with a special connector for fast and simple installation. The SANI is designed for easy desinfection with ultra fast drain and full access to the drum's interior.



HEX | Drum filter F-series

SHIP

Description:

The SHIP model has no cover and the drum is mounted in an open frame for building into wellboat tanks. The filter is designed with a drum holder for rough sea, ready for automatic desinfection.



CMAqua

Want to know more about HEX | Drum filter?

Contact us!

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