

The solution for large koi ponds. Koi pond owners know that what starts as a small pond with a few koi quickly, with increasing passion becomes a larger koi pond installation. With the number of fish and use of the pond, the demands imposed on performance and convenience of the a filter system, naturally increase as well, today no one wants to make any compromises.

The new generation ProfiClear Premium module filter system has been developed jointly in intensive cooperation with leading european koi experts, and with its extremely reliable filter performance, its well thought-out functions, and its unusual price / performance ratio, it sets totally new standards.

It consists of three modules, drum filter module, moving bed module and individual module, the entire system even ensures clear water if the pond is extended by an additional 50m³ or if their is a desire for swimming. The secret is its flexibility; depending on the use of the pond a second Moving Bed module can be connected, and the Individual module can be equipped with additional filter media. In the most uncomplicated way, this increases the overall filter capacity and large bodies of water, such as natural ponds and swim ponds up to 200m³ remain clear.

Discover the versatile functions and convincing advantages of this system; it remains unique in its class!

| | Fresh Water | Pool Water | Sea Water | 220-240 V | 400 V | 110-120 V | 50 Hz | 60 Hz | 12 V AC | 24 V DC | DMX | DMX/RDM | Plug and Spray |
|--------------------------------|-------------|------------|-----------|-----------|-------|-----------|-------|-------|---------|---------|-----|---------|----------------|
| Individual Module | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Moving Bed Module | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Drum filter pump-fed | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Drum filter gravity-fed system | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

PROFICLEAR PREMIUM – SOPHISTICATED FILTER SYSTEM FOR KOI PONDS

System advantages at a glance

- Intelligent high end module filter system for Koi ponds and other large bodies of water to 260 m³
- Outstanding filter capacity with intelligent control functions
- Intelligent self cleaning function for unique maintenance free operation (drum filter module)
- Highly effective decomposition of pollutants and nutrients, thanks to professional filter media and moving bed process (MovingBed module)
- Flexible adaptation of the filter system to individual requirements (individual module)
- Mature, professional technology with more than 3 years of development time
- Innovative and reliable product
»made in Germany*« *Except pressure pump



www.oase-livingwater.com/proficlearfilm



ProfiClear Premium sieve

- Accessories for the Drum Filter Module
- At 150 µm, ensures removal of coarser debris and thus reduces water consumption
- Ideal for use on natural ponds or swim ponds

ProfiClear Premium sieve

Order no.

50947

DRUM FILTER MODULE



Intelligence sets the pace. The intelligent switch centre removes coarse debris to 60 µm – i.e. finer than a strand of hair.

- Maximum particle removal to 60 µm and flow-through rates to 33 m³/h for a crystal clear view
- Flexible implementation possibilities; can be used in the gravity-fed system, as well as in the pump-fed system
- Automatic self-cleaning offers maximum convenience
- Rinsing is executed with cleaned pond water, a water connection is not required
- A watertight microcontroller system monitors and controls the main functions, operation is as easy as child's play (plug & play)
- Control system with retrospective display of errors in running operation as well as adjustment possibilities for forced cleaning, duration of cleaning and supplemental cleaning
- Pollutant rakes on the sieves reliably

remove string algae and other larger particles from the drum

- Pollutant trough made of ductile EPDM material prevents jamming of larger particles
- VDE testing certifies reliable and safe functions
- Safety level switch in the pump-fed system prevents jamming due to debris particles
- Stable housing thanks to solid stainless steel elements and dimensionally stable Duroplast
- Individually removable sieve elements (no tools required) and free-wheeling functions for easy access to the drum interior
- Incomparably quiet through extensive noise damping
- Powerful, high-quality pressure pump is integrated for flushing the drum
- Full flexibility for the connection with up to 4 x DN 110 inlets
- Screen elements in 150 µm mesh width optionally available as accessories

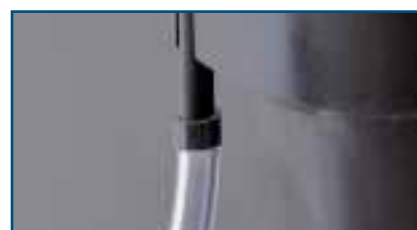
MOVING BED MODULE



POWERED BY
Hel-X 13

Hel-X ensures optimum media circulation Original Hel-X biomedica are highly effective at degrading pollutants in the moving bed process.

- Extremely large, protected settlement surface for microorganisms (806 m²/m³)
- Innovative bypass technology for optimal movement of the Hel-X bio-elements even with high flow rates
- Removal of toxins, such as ammonium / ammonia, nitrite and nitrate
- Hel-X Biomedium 50 l decompose approx 340 g of fish food per day. Its performance depends on temperature, feed quality and the degree of settlement of microorganisms
- Aerator bar for oxygen enrichment and turbulence already installed
- Advantages of the moving bed process: Permanent, optimal oxygen supply; self-cleaning effect from dead biomass, know-how from industrial water treatment
- Integrated bottom drain with high quality, finely engineered slide valve



Integrated aerator can be connected to AquaOxy aerator pumps.



It was possible to significantly extend the surface that can be settled (surface protected: + 14.5% relative to the predecessor product).

INDIVIDUAL MODULE



Flexible with maximum effectiveness. The filter system is flexibly aligned to the individual conditions of the body of water.

- Space-saving pump and UVC chamber for easy integration of: AquaMax Eco gravity filter pumps and Bitron Gravity UVC clarifiers
- Maximum flexibility in the connection through DN 110 and 2" ducts
- To increase the filter capacity, it's possible to fill the 2 individual baskets in the flow area with additional filter medium up to 8 litres fill volume
- Integrated bottom drain with high quality, finely engineered slide valve



Convenient filling of the 2 individual baskets with up to 8 litres fill volume.



ProfiClear Premium

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ProfiClear Premium
Drum filter pump fed

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ProfiClear Premium
Drum filter gravity fed system

Description

- Filter capacity to 60 µm and 33 m³/h flow-through rate
- Automatic self-cleaning
- A watertight microcontroller system monitors and controls the main function
- VDE testing certifies reliable and safe functions
- Only gravity-fed: full flexibility for the connection with up to 4 x DN 110 inlets
- Safety level switch in the pump-fed system prevents jamming due to debris particles
- Massive stainless steel elements
- Individually removable sieve elements (no tools required) and freewheeling function
- Particularly quiet in operation
- High quality pressure pump is integrated for flushing the drum

| | | | |
|--------------------------------------|---------|---|--------------------|
| Dimensions (L x W x H) | [mm] | 830 x 600 x 820 | |
| Rated voltage | | 230 V / 50 Hz | |
| Power consumption | [W] | 5 | |
| Power consumption cleaning | [W] | 1050 | |
| Cable length | [m] | 2.00 + 1.00 | 2.00 + 5.00 |
| Net weight | [kg] | 70.00 | |
| Control unit | | Microcontroller | |
| Temperature display | | Digital | |
| Coarse debris extraction | [µm] | 60.00 | |
| Number of nozzles / flush quantity | | 4 x 2.5 l / min | |
| Flush pump | | 6 bar | |
| Flush automation | | Sensor, time interval, manual | |
| Number of sieve elements | [EA] | 8 | |
| Filter intake surface | [cm²] | 3454 | |
| Material | | GRP Duroplast / stainless steel | |
| Number of inlets | [EA] | 2 | 4 |
| Connections, inlet | [mm] | 50 | — |
| Connections, inlet | | 2 x 2" + Bitron | DN 110 |
| Number of outlets | [EA] | 2 | |
| Connections, outlet | | DN 150 | |
| Connections, sludge discharge | | DN 75, DN 110 | |
| Connection, flush trough | | DN 110 | |
| Connection to | | Bitron Eco 120 – 240 W, Bitron C 72 – 110 W | Bitron Gravity |
| Min. flow rate | [l / h] | 10000 | |
| Max. flow rate | [l / h] | 25000 | 33000 |
| Install height above the water level | [cm] | 40 | 13 |
| Type of use | | Pump fed system | Gravity fed system |
| Other | | Pollutant discharge incl. slide valve | |
| Order no. | | 50773 | 56774 |

| | | |
|--------------------------------------|--|---|
| |  |  |
| ProfiClear Premium | 2 ProfiClear Premium Moving bed module | 3 ProfiClear Premium Individual module |
| Description | <ul style="list-style-type: none"> Extremely large, protected settlement surface for microorganisms (806 m²/m³) Innovative bypass technology for optimal movement of the Hel-X bio-elements Removal of toxins, such as ammonium / ammonia, nitrite and nitrate Hel-X Biomedium: 50 l decompose approx. 340 g of fish food per day (can be extended to 100 l/module). Aerator bar for oxygen enrichment and turbulence already installed Permanent, optimal oxygen supply; self-cleaning effect from dead biomass Integrated bottom drain with high quality, finely engineered slide valve | <ul style="list-style-type: none"> Space saving pump and UVC chamber Maximum flexibility in the connection through DN 110 and 2" ducts To increase the filter capacity, it is possible to fill the individual baskets in the flow area with additional filter media up to 8 litres fill volume Integrated bottom drain with high quality, finely engineered slide valve |
| Dimensions (L x W x H) | [mm] | 830 x 600 x 820 |
| Net weight | [kg] | 44.00 |
| Biological filter surface | [m ²] | 47.8 |
| Biolog. filter surface protected | [m ²] | 40.3 |
| Individual granulate filter | | 2 x 8 litres |
| Number of sieve elements | [EA] | 2 |
| Material | | GFK Duroplast |
| Number of inlets | [EA] | 2 |
| Connections, inlet | [mm] | 180 |
| Number of outlets | [EA] | 2 |
| Connections, outlet | | 50 |
| Connections, outlet | | DN 150 |
| Connections, sludge discharge | | DN 75 |
| Min. flow rate | [l/h] | 10000 |
| Max. flow rate | [l/h] | 33000 |
| Connection to | | AquaOxy 2000–4800 |
| Install height above the water level | [cm] | 13 |
| Type of use | | Pump fed system, gravity fed system |
| Other | | Aeration pre-installed, pollutant discharge incl. slide valve |
| Order no. | | 50772 |

