

POND FILTERS



Underwater Filters p. 35



Pressure Filters from p. 36



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Pond Accessories from p. 46



UVC-Clarifier p. 50

POND FILTERS



Overview Pond Filter

Overview Underwater Filter



FA1000UV-00

3 m³

- Pump: 1000 l/h - 24W
- Incl. UVC: 9 W



FA2000UV-00

5 m³

- Pump: 2000 l/h - 34W
- Incl. UVC: 11 W

Overview Pressure Filter Sets



HLF4000-00

4 m³

- Pump: ECO 2200 l/h - 25W
- Incl. UVC: 7 W



FPU7200-00

7 m³

- Pump: ECO 2200 l/h - 25W
- Incl. UVC: 9 W



FPU10000-00

10 m³

- Pump: ECO 3300 l/h - 40W
- Incl. UVC: 11 W

Overview Gravitation Filter Sets



HLF6000-00

6 m³

- Pump: 1000 l/h - 23W
- Incl. UVC: 9 W



FPU10100-00

10 m³

- Pump: ECO 3300 l/h - 40W
- Incl. UVC: 11 W



FPU16000-00

16 m³

- Pump: ECO 3300 l/h - 40W
- Incl. UVC: 18 W



FPU24000-00

24 m³

- Pump: ECO 4800 l/h - 23W
- Incl. UVC: 24 W



FPU36000-00

36 m³

- Pump: ECO 8100 l/h - 68W
- Incl. UVC: 36 W

Overview Pro-Gravitation with Vortex



F321-00

40 m³

- Accessories: Sansai special brushes, Japan-filtermats, Filter start bacteria, Posphate binder



F322-00

80 m³

- Accessories: Sansai special brushes, Japan-filtermats, Filter start bacteria, Posphate binder, Special filtersubstrate



F323-00

120 m³

- Accessories: Sansai special brushes, Japan-filtermats, Filter start bacteria, Posphate binder, Special filtersubstrate, Zeolith

AutoClean

NEW!

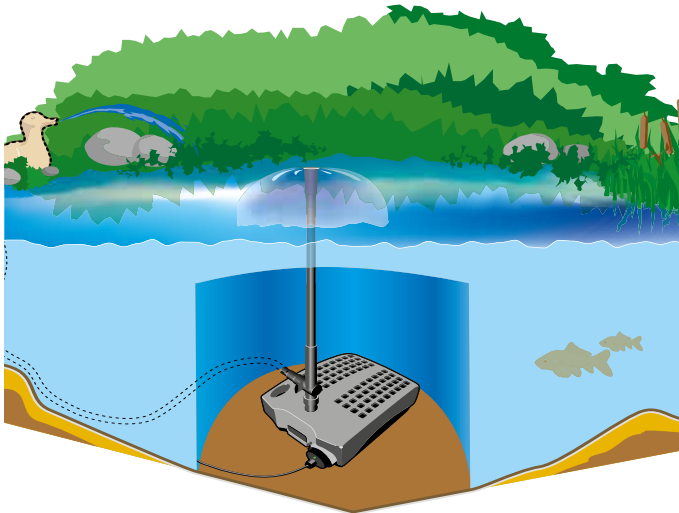


F48000-00

48 m³

- Pond filter with auto cleaning system
- Incl. UVC: 18 W

HEISSNER filter technology - Overview



UNDERWATER FILTERS

- For prefabricated ponds and small ponds
- For low fish stocks
- Placed invisibly in the pond
- Includes water feature
- UVC Clarifier



PRESSURE FILTERS

- For smaller and medium-sized ponds
- Perfect for streams and waterfalls
- For low and medium-sized fish stocks
- Some available with quick-clean system
- Concealed installation is possible
- UVC Clarifier



GRAVITATIONS FILTERS

- For medium-sized to large ponds
- Ideal for large fish stocks
- Multi-chamber filter with high biological filtration
- UVC Clarifier



POND AERATORS

- Optimum oxygenation
- Improves filtration
- Essential for fish stocks
- Ideal in combination with de-icers

Guarantee for pond filter sets and UVC pond clarifiers does not apply to the used UVC lamp! The burning time is limited to max. 8000 hours.

Clear water


Not sold in the UK market

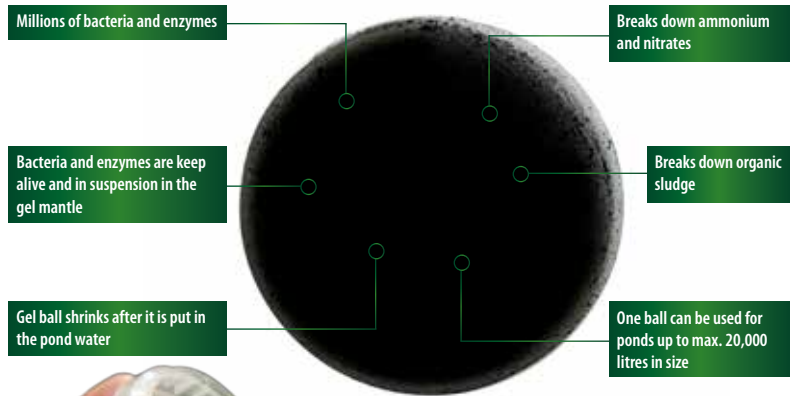
Pure Pond Bomb **NEW!**

Rapid aid

In the event of a sudden decrease in water quality, PURE POND BOMB is an incredibly efficient emergency aid. Place PURE POND BOMB in the pond filter or directly into the pond and the unique combination of bacteria and enzymes gets to work immediately. The pond is made crystal-clear and healthy thanks to the biological activation. PURE POND BOMB is suitable for small and large ponds with a maximum water content of 20,000 litres.

- Ensures crystal-clear, healthy pond water
- Starts working when it comes into contact with water
- Disintegrates organic debris
- Breaks down ammonium and nitrates
- Is placed either in the filter or directly in the pond

TYPE	TZ701-00
Content	1 piece
SU	36 pieces / display
EAN	 4 006873 423959



F+


The plus for all pond filters: F+

A YearssBox of F+ contains 10 individually packaged sachets, enough for an entire pond season.
Easy to use: Scatter the content of a sachet directly into the filter every 3 weeks.

- F+ accelerates the development of the filtering bacteria cultures in the pond filter
- F+ improves and increases filter performance
- F+ increases water hardness and stabilises the pH value
- F+ is ideal for use in all pond filters for all pond sizes from 2,000 to 40,000 litres

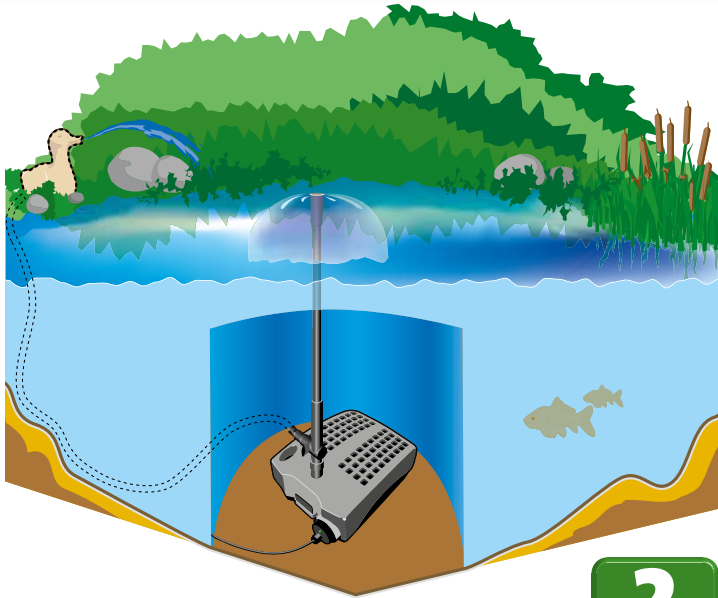
One Year Box contains:

- 3 x Pond starter bacteria
- 7 x Pond water preparators
- 1 x Care plan with instructions for use

TYP	F-PLUS
Content	10 Sachets
SU	8
EAN	 4 006873 418566



Underwater Filter



2
JAHRE
Garantie



All-in-One Underwater Filter

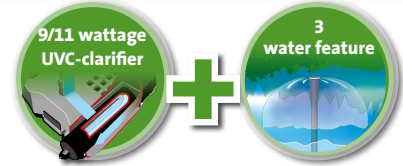
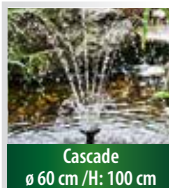
The smartline pond filter set with integrated UVC pond clarifier (9 Watts) is ideal for ponds with volumes up to 5,000 l. The large surface filter housing with mechanical filter stage guarantees extremely long cleaning intervals. All filter components are virtually invisible at the bottom of the pond.

The pump and UVC pond clarifier have separate power feeds, allowing the UVC pond clarifier to be switched off separately from time to time. Moreover the pond filter set includes a controllable pond figure connection and telescopic standpipe with inclination compensation.

- Large surface filter housing with mechanical filter stage
- Ideal for ponds with up to 5.000 l
- All filter components are virtually invisible at the bottom of the pond
- Tilt adjustment
- UVC function control
- Adjustable pond figure connection
- Incl. filter media

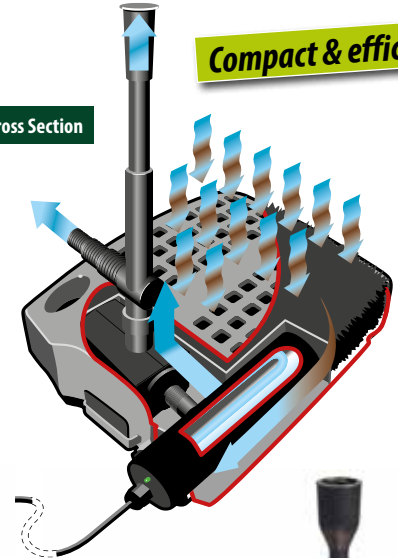


TYPE	FA 1000UV-00	FA 2000UV-00
Pond Size without fish	3 m ³	5 m ³
With fish	up to 1.500 L	up to 2.500 L
Spare lamp	ZF409-00	ZF411-00
Pump capacity	1.000 l/h / 24 W	2.000 l/h / 34 W
Delivery height	ca. 1,20 m	ca. 1,80 m
Watt	33 W incl. 9 W UVC	45 W incl. 11 W UVC
L x W x H	32 x 25 x 14 cm	38 x 27 x 13 cm
VE	2	2
EAN	 4 006873 418191	 4 006873 299523



Compact & efficient

Cross Section



13 + 19 + 25 mm



Pressure Filter



Pressure Filter-Set HLF4000-00



3
years
guarantee

7 W / 230 V
50 Hz

UVC

**EASY
CLEAN**
RÜCKSPÜL-SYSTEM

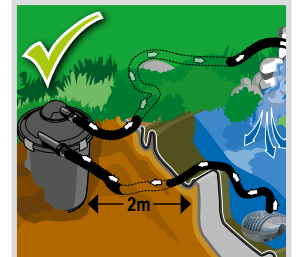
- Filters with mechanical filter unit
- Ideal for ponds up to bis 4.000 Liter
- All filter components are virtually invisible placed on the pond side
- With backwash and dirt outlet (third hose connection)
- Quick cleaning system with pull mechanism and integrated dirt remover

TYP	HLF 4000-00	SU: 2
Pond Size without fish		
With fish	up to 2.000 L	
UV Lamp	7 W	
Spare lamp	ZF407-00	
Pump capacity	2.200 l/h / 25 W	
L x W x H	27 x 27 x 43 cm	
EAN		



**IMPROVED
TECHNIQUE**

Included in the set:
 • Pump HFP2500-00
 • 7W UVC
 • Filter sponge
 • Hose & connection accessories



Hidden placement and stream at the same time use



Easy Opening for the quick and easy maintenance

Pressure filter with pump, 3 m hose and accessories - Power Consumption: 35 W pump, UVC 9W

Pressure Filter-Set FPU7200-00



5
years
guarantee

9 W / 230 V
50 Hz

UVC

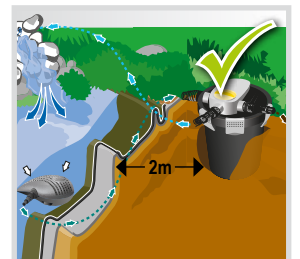
**EASY
CLEAN**
RÜCKSPÜL-SYSTEM

- Filters with mechanical filter unit
- Ideal for ponds up to bis 7.000 Liter
- All filter components are virtually invisible placed on the pond side

TYP	FPU 7200-00	SU: 2
Pond Size without fish		
With fish	up to 3.500 L	
With koi	up to 2.000 L	
UV lamp	9 W	
Spare lamp	ZF409-00	
Pump capacity	2.200 l/h / 25 W	
Hose connection	25 / 32 / 38 mm	
L x W x H	35 x 28 x 45 cm	
EAN		



Included in the set:
 • Pump HFP2500-00
 • 9W UVC
 • Filter sponge
 • Twister
 • Hose & connection accessories



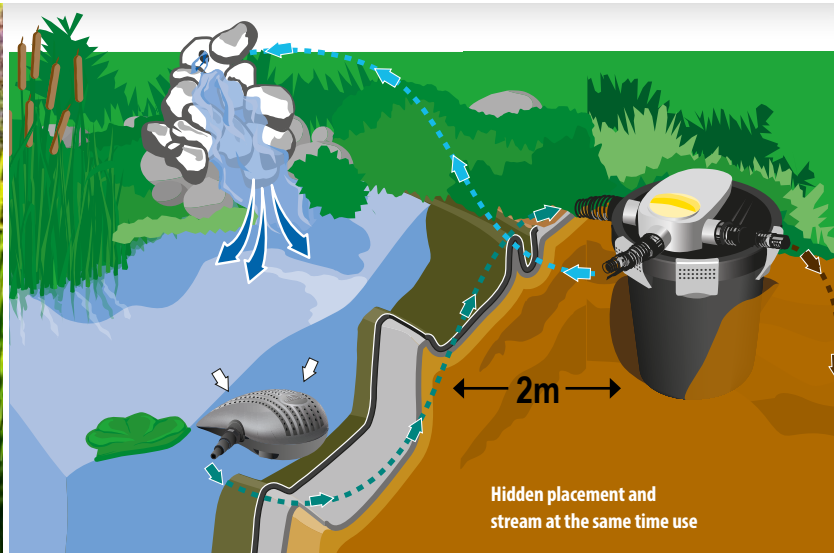
Hidden placement and stream at the same time use



Quick cleaning with just one hand handle: Easy Clean backwash

Pressure Filter incl. Pump, 4 m x 25 mm hose and accessories - Power Consumption: Pump 40 W, UVC 11 W

Pressure Filter



Pressure Filter-Set FPU 10000-00


5
years
guarantee

11W
230V / 50 Hz
UVC

EASY CLEAN
RÜCKSPÜL-SYSTEM

- Filters with mechanical filter unit
- Ideal for ponds up to bis 10.000 Liter
- All filter components are virtually invisible placed on the pond side
- Quick cleaning system with pull mechanism and integrated dirt remover



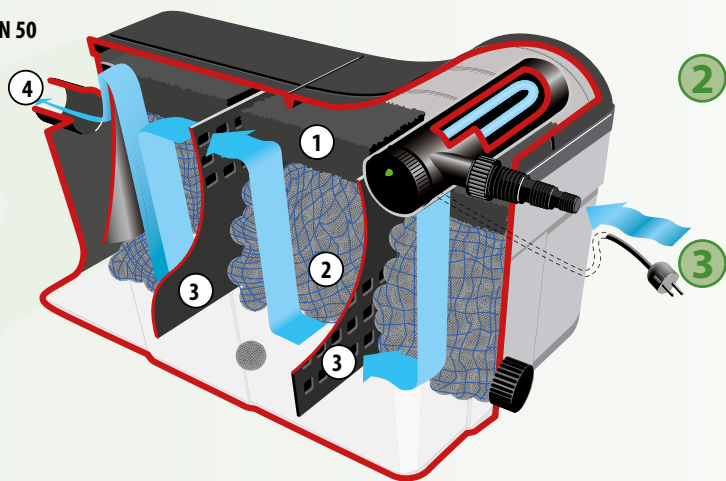
TYPE	FPU10000-00	SU: 1
Pond size without fish	10 m³	
With fish	up to 5.000 L	
With koi	up to 2.500 L	
UV lamp	11 W	
Spare lamp	ZF411-00	
Pump capacity	3.300 l/h / 40 W	
L x W x H	35 x 28 x 55 cm	
Hose connection	25 / 32 / 38 mm	
EAN	 4 006873 297352	
Pressure filter including filter media, pond pump performance, integrated UVC clarifier, 4 meter connection hose 25,40 mm and connection accessories Power Consumption: Pump 40 W, UVC 13 W		

Gravitation Filter-Set



Gravitation Filter principle

- ① Filter sponge
- ② Bio-Media
- ③ Partitions
- ④ Outlet - DN 50



- ① The integrated UVC Clarifier is used to kill germs and clumped algae, so that they can be absorbed through the following filter media.
- ② In the sponges form Nitrosomonas bacteria that the nitrification perform (conversion of ammonia / ammonium to nitrite). The water must complete the filter sponges used to happen to get into the deeper chamber.
- ③ In the deep zone of the filter is created by use of BIOBALLS habitat for more Nitrosomonas and Nitrobacter bacteria. The latter convert the dangerous Nitrite into Nitrate.

Gravitation Filter-Set HLF6000-00

- Ideal cost-effective filter system
- Easy to use - ideal for beginner ponds
- Compact complete sets, including pump, hose and accessories

2
years
guarantee

9 W / 230 V
50 Hz
UVC

10 m

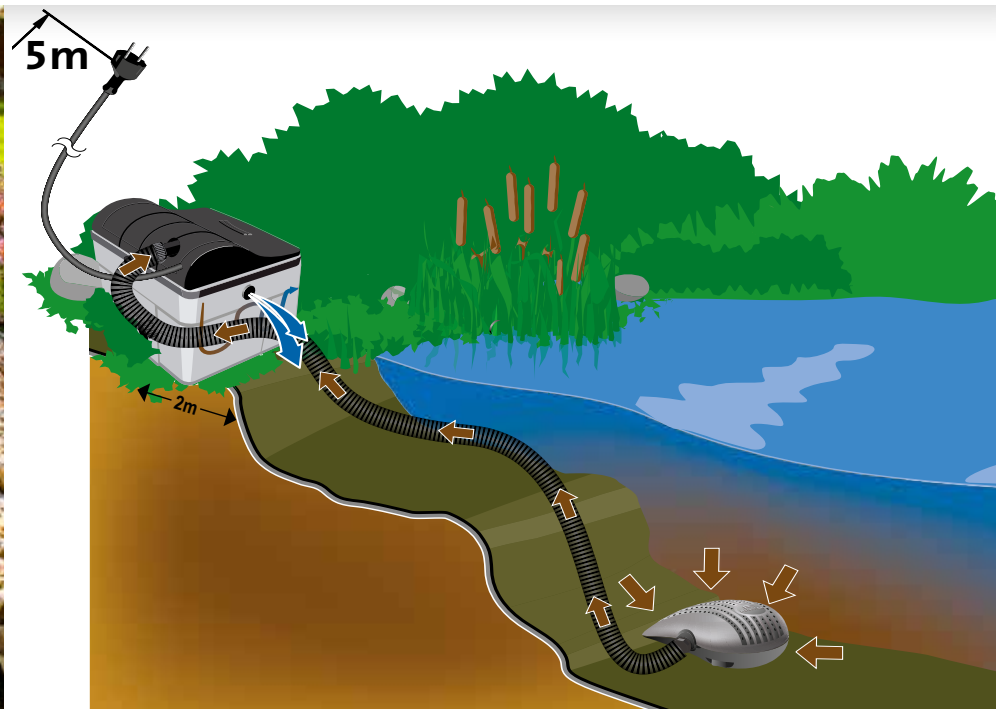
UVC
9 W
AC 230V
50 Hz

Pumpe
14 W
AC 230V
50 Hz

TYPE	HLF6000-00	SU: 4
Pond size without fish		
With fish	up to 3.000 L	
Spare lamp	1.000 l/h / 14 W	
Pump capacity	9 W	
UV lamp	ZF409-00	
L x W x H	40 x 31 x 39 cm	
EAN	 4 006873 416463	
<small>Gravitation-Filter inclusive filter media (Zeolith+Filter sponge), Solid handling pump, integrated UVC-clarifier, 3 m connection hose, 20 mm and 10 m cable</small>		



Gravitation Filter-Set



Gravitation Filter-Set FPU10100-00

5
years
guarantee

11W
230V / 50 Hz

UVC

Pumpe
40 W
AC 230V
50 Hz

- Integrated UVC clarifier for killing harmful bacteria and clumping algae
- Fine pore sponge filter also serves as habitat for microorganisms
- Bio-spheres with large surface for holding active biological coating

TYP	FPU10100	SU: 4
Pond size without fish		
With fish	up to 5.000 L	
With koi	up to 2.500 L	
Spare lamp	3.300 l/h / 40 W	
Pump capacity	11 W	
UV lamp	ZF411-00	
L x W x H	38 x 28 x 48 cm	
EAN	 4 006873 418467	
3-chamber filter including filter media (bioballs + filter sponge), pond pump, integrated UVC clarifier, 5 meter connection hose 25 mm and 5m connection accessories. Power consumption: Pump 15W, UVC13W		

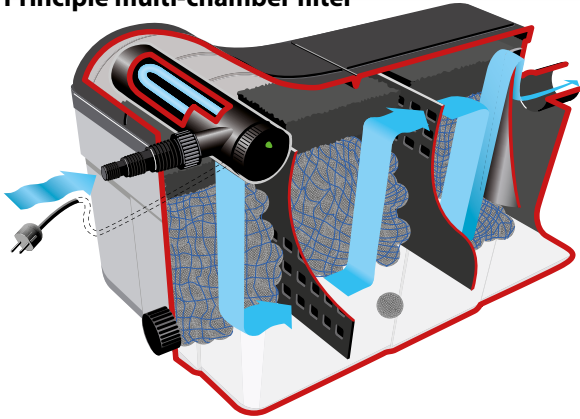


- Included in the set:**
- Pump HFP3500-00
 - UVC
 - Filter sponge
 - Organic balls
 - Hose & connection accessories



Pro Gravitation Filters

Principle multi-chamber filter



Gravitation Filter-Set FPU16000-00

5
 Jahre
Garantie
 Garantie

INKLUSIVE
 18W/230V

UVC

INKLUSIVE
 3" - 25,4 mm

5 m SCHLAUCH

Pumpe
40 W
 AC 230V
 50 Hz



- Professional Pond Filter Complete Set with pump and UVC clarifier
- Powerful ECO-pump delivers dirt to 4 mm grain size
- Easy to use - Ideal for large fish ponds



Included in the set:

- Pump HFP3500-00
- 18W UVC
- Filter sponge
- Organic balls
- 5m Hose & connection accessories



TYPE	FPU16000-00	SU: 1
Pond size without fish		
With fish	Bis 8.000 L	
With koi	Bis 4.000 L	
UV lamp	18 W	
Spare lamp	ZF418-00	
Pump capacity	3.300 l/h / 40 W	
L x W x H	56 x 38 x 43 cm	
EAN	 4 006873 299035	
3-chamber filter including filter media, pond pump Eco Craft, integrated UVC clarifier, 5 meter connection hose 25 mm and connection accessories Power consumption: Pumpe 40 W, UVC 12 W		

Heissner Durchlauf-Filter-Set FPU16000-00
Oberklasse

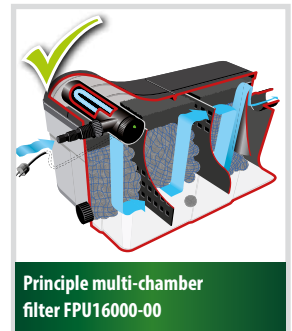
Heimwerker
Praxis 4/2013
 Preis/Leistung: gut - sehr gut

1,3

YouTube-VIDEO



HEISSNER





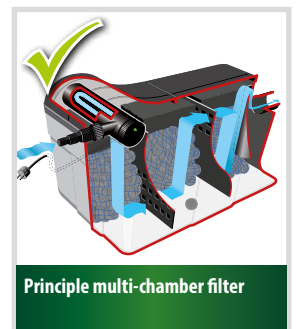
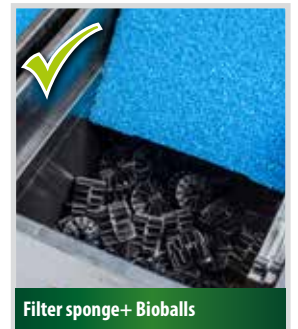
Multi-Chamber Filter FPU24000-00 / FPU36000-00

5
 Jahre
 Garantie

INKLUSIVE
 24W/230V
 36W / 230 V
UVC



INKLUSIVE
 1"-25,4 mm
 5 m SCHLAUCH

- Professional Pond Filter Complete Set with pump and UVC clarifier
- Powerful ECO-pump delivers dirt to 10 mm grain size
- Easy to use - Ideal for large fish ponds

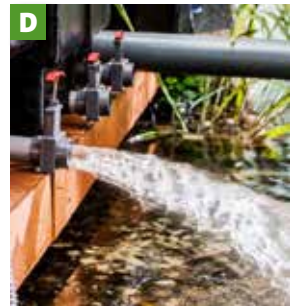


19 + 25 + 32 + 38 mm

19 + 25 + 32 + 38 mm

TYPE	FPU24000-00	FPU36000-00	SU: 1
Pond size without fish	24 m ³	36 m ³	
With fish	Up to 12.000 L	Up to 18.000 L	
With koi	Up to 6.000 L	Up to 9.000 L	
UV lamp	24 W	36 W	
Spare lamp	ZF424-00	ZF436-00	
Pump capacity	4.800 l/h / 23 W	8.100 l/h / 68 W	
L x W x H	80 x 46 x 46 cm	94 x 54 x 50 cm	
EAN	 4 006873 418474	 4 006873 418481	
Included in the set: <ul style="list-style-type: none"> • Pump P5100-00E • 24W UVC • Filter sponge & Organic balls • 5 m Hose (32mm) • Connection accessories 	<ul style="list-style-type: none"> • Pump P8100-00E • 36W UVC • Filter sponge & Organic balls • 5 m Hose (32mm) • Connection accessories 		with floor outlet

Profi-Gravitation Filter-Set



Apollo Pro Gravitation Filters **PREMIUM**

Special Order Only



- Premium pond filter with sophisticated equipment - Material: GRP
- Universal hose connections and high-quality gate valve

Filterstrecke

- A** Vortex settling chamber
- B** Mechanical filtration with Sansai Brush
- C** Biological filtration with Japan mats
- D** Simple dirt outlet
- E** Biological filtration with filter substrate (F322/F323)

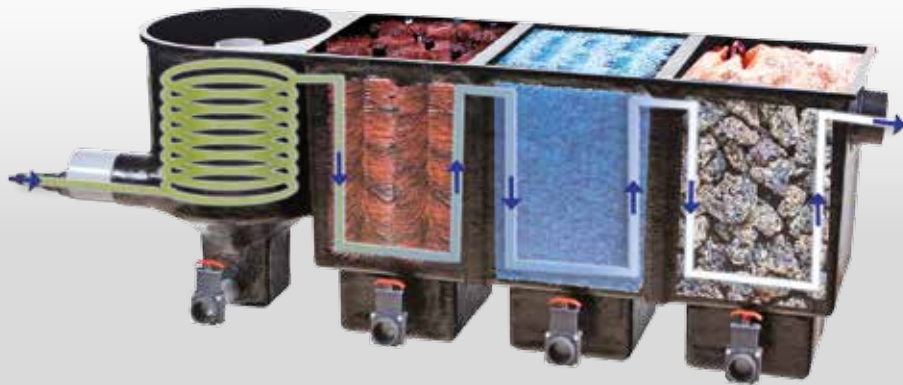


APOLLO L PRO
F 321-00 (Vortex + 2 chambers)

TYPE	APOLLO L PRO F 321-00	APOLLO XL PRO F 322-00	APOLLO XXL PRO F 323-00
Pond size without fish	40 m ³	80 m ³	120 m ³
With fish	up to 20.000 L	up to 40.000 L	up to 60.000 L
With koi	up to 10.000 L	up to 20.000 L	up to 30.000 L
Filter zones	Vortex + 2 chambers	Vortex + 3 chambers	Vortex + 3 chambers
Recom. Pump	P6100E-00	P8100E-00	P10100E-00
Recom. UVC	F436E-00	F455E-00	F455E-00
L x W x H	140 x 46 x 67 cm	176 x 46 x 67 cm	257 x 81 x 80 cm
SU	1	1	1
EAN	4 006873 415008	4 006873 415015	4 006873 415022

Profi-Gravitation Filter-Set

Principle:



Special Order Only

25 + 32 + 38 mm

APOLLO XL PRO
F 322-00
(Vortex + 3 chambers)



DN 125 - ø 117 mm



Universal hose connection



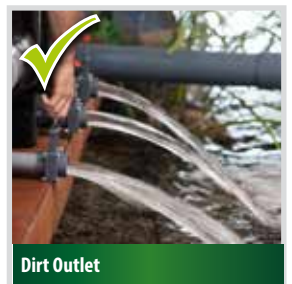
Stable cover

25 + 32 + 38 mm

APOLLO XXL PRO
F 323-00
(Vortex + 3 chambers)






DN 125 - ø 117 mm



Dirt Outlet

 = included in the set

	Sansai special brushes	Japan-filtermats	Filter start bacteria	Posphate binder	Special filtersubstrate	Zeolith 20kg
F 321-00	9 x 	5 x 	1000 g 	1000 ml 	-	-
F 322-00	9 x 	4 x 	1000 g 	1000 ml 	20 kg 	-
F 323-00	12 x 	9 x 	1000 g 	1000 ml 	20 kg 	20 kg 

AutoClean

Not sold in the UK market



Pond filter with a fully automatic cleaning system

5

years
guarantee

UVC
18 W
AC 230V
50 Hz

The fully automatic flow-through filter works with floating filter media (included in the set), on top of which a bacteria film builds up, which achieves excellent cleaning results. An integrated 18W UVC clarifier sterilises the incoming water. Then, with the help of a vortex chamber and a stainless steel screen, large dirt particles are pre-filtered out. Afterwards, the pond water flows through the unit in the centre of the filter, where additional biological filtration takes place using the original Kaldnes K1 filter media.

The filter has a self-cleaning automatic system (duration approx. 6 to 7 minutes). While this system is in operation, the pump is automatically stopped, the flushing of the filter media with air is started and then the dirty water, incl. the dissolved biofilm, is drained away through a dirty water outlet. The intervals can be adjusted individually (from "several times a day" to "once every 10 days") or the process can be manually started when needed.

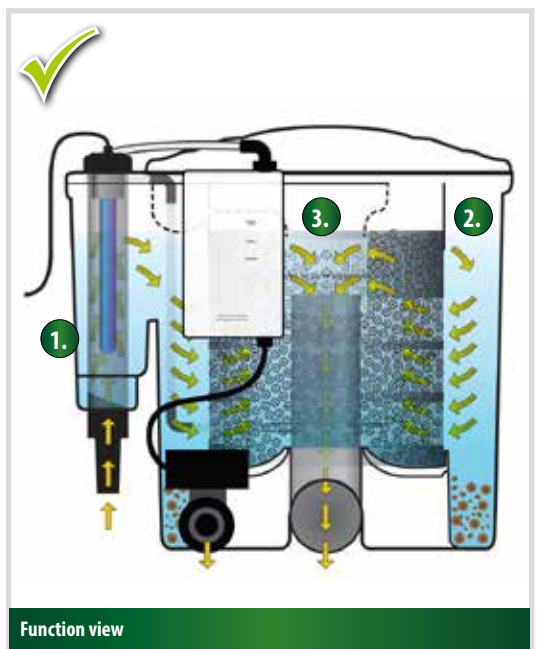
A filter pump with approx. 6000 l/h is required on the filter inlet for operation (not included in the set). Our recommendation, depending on the distance and height difference between the garden pond and pond filter: P6100E-00, P8100E-00 or P12100E-00.

DIAMETER OF THE CONNECTIONS

Inlet connection	1"	1 1/4"	1 1/2"
Outlet connection	80 mm		
Dirty water outlet connection	50 mm (DN50)		

TYPE	F48000-00	SU: 2
Pond size without fish	48 m ³	
With fish	up to 24m ²	
With Koi	up to 12m ²	
Recom. Pump	6000 l/h	
L x W x H	74 x 63 x 67 cm	
EAN	 4 006873 423904	

1. UVC sterilisation
2. Large dirt particle separation by vortex
3. Fine filtering with Kaldnes K1

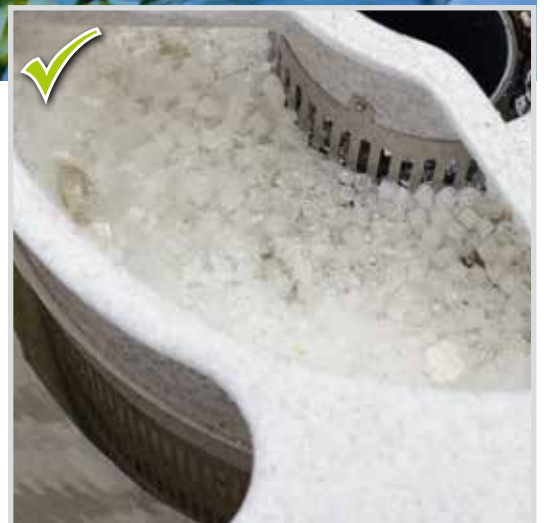


AutoClean

Not sold in the UK market



- Automatic system with very low maintenance requirements
- Integrated UVC-clarifier for killing germs and clumping algae
- Vortex chamber with large dirt particle separation (stainless steel screen)
- Original Kaldnes K1 filter material for establishing active bio-films
- Fully automatic self-cleaning with a separate dirty water outlet



Kaldnes K1 filter material



Bio-film on the filter materia



Adhesive fittings made of PVC

Not sold in the UK market

PVC gate valves 50 mm



Z 727-00	
SU	1
EAN	
4 006873 422655	

PVC gate valves 75 mm



Z 927-00	
SU	1
EAN	
4 006873 422679	

PVC adhesive sleeve 50 mm



Z 742-00	
SU	1
EAN	
4 006873 422587	

PVC Adhesive-threaded socket R 1,5" 50 mm



Z 748-00	
SU	1
EAN	
4 006873 422648	

PVC adhesive angle 45°



Z 743-00	
SU	1
EAN	
4 006873 422594	

PVC adhesive angle 90°



Z 744-00	
SU	1
EAN	
4 006873 422600	

PVC adhesive-T-piece 45°



Z 745-00	
SU	1
EAN	
4 006873 422617	


PVC adhesive-T-piece 90°



Z 746-00	
SU	1
EAN	
4 006873 422624	


PVC adhesive ball valve 50 mm



Z 747-00	
SU	1
EAN	
4 006873 422631	

PVC fitting glue

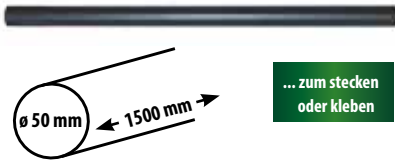


Z 851-00	
with brush	
content	250 ml
EAN	
4 006873 422662	

Plug-in fittings made of PP

Not sold in the UK market

PVC pipe 50 x 1500 mm

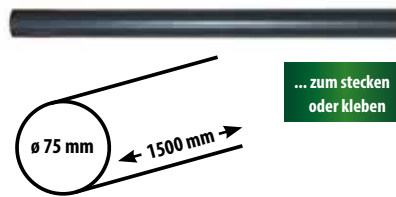


... zum stecken oder kleben

Z 720-00	
SU	1
EAN	
	4 006873 422549

... zum stecken oder kleben

PVC pipe 75 x 1500 mm



... zum stecken oder kleben

Z 920-00	
SU	1
EAN	
	4 006873 422563

PVC pipe clamp 50 mm



Z 721-00	
SU	1
EAN	
	4 006873 422556

PVC pipe clamp 75 mm



Z 921-00	
SU	1
EAN	
	4 006873 422570

PP Overlap sleeve 50 mm



Z 722-00	
SU	1
EAN	
	4 006873 422686

PP Overlap sleeve 75 mm



Z 922-00	
SU	1
EAN	
	4 006873 422730

PP bend 45° - 50 mm



Z 723-00	
SU	1
EAN	
	4 006873 422693

PP bend 45° - 75 mm



Z 923-00	
SU	1
EAN	
	4 006873 422747

PP bend 87° - 50 mm



Z 724-00	
SU	1
EAN	
	4 006873 422709

PP bend 87° - 75 mm



Z 924-00	
SU	1
EAN	
	4 006873 422754

PP T-piece 45° - 50 mm



Z 725-00	
SU	1
EAN	
	4 006873 422716

PP T-piece 45° - 75 mm



Z 925-00	
SU	1
EAN	
	4 006873 422761

Pond Accessories

Pipe reduction 110 mm / 75 mm



Z 929-00	
SU	4
EAN	
4 006873 422778	

Flexible rubber sleeve 50 mm



Z 752-00	
SU	1
EAN	
4 006873 422723	

Universal hose connection

· 1/2" - 3/4" - 1"



Z 493-00	
SU	8
EAN	
4 006873 167174	





Transition socket 2x inner thread 1"



Z 492-00	
SU	4
EAN	
4 006873 416005	

Hose





TYP	Z296-00	Z297-00	Z298-00	Z498-00
Size	13 mm - 1/2"	19 mm - 1/2"	25 mm - 1/2"	25 mm - 1"
SU	6	6	6	6
EAN				
4 006873 167051 4 006873 167068 4 006873 416067 4 006873 167198				

Wall connection - ideal for pond & pool

Wall duct / pool wall connection / foil flange

- Robust design in 50mm and 75mm diameter
- Suitable for the adhesive and plug-in fittings of the Series Z7xx (50mm) and Z9xx (75mm)
- Suitable for:
 - Water drain / water inlet
 - Carrying out cables
 - Installation of lamps and ceiling lights



TYP	Z728-00	Z928-00
Outside	125 mm	165 mm
Inside	50 mm	75 mm
Length	80 mm	115 mm
SU	5	5
EAN		
4 006873 423966 4 006873 423973		

Wandmontage

Hose clamps - galvanized (4 each in set)



TYPE	Z131-00	Z231-00	Z331-00	Z431-00	Z531-00
Size	13 - 17 mm	20 - 23 mm	25 - 29 mm	30 - 34 mm	42 - 47 mm
SU	6	6	6	6	6
EAN					

Universal skimmer connection

· With regulation



ZF 335-00	
SU	8
EAN	

3-way distributor

- Including universal hose connections 25/32 / 38mm
- 2 sides infinitely adjustable
- Ideal for pond filters, UVC clarifiers, Skimmers, waterfalls and streams



ZF 334-00	
SU	8
EAN	

Tube

NEW!



TYPE	Z232-00	Z332-00	Z332-10	Z432-00	Z432-10	
Size	19 mm (3/4") / 5 m	25 mm (1") / 5 m	25 mm (1") / 10 m	32 mm (1 1/4") / 5 m	32 mm (1 1/4") / 10 m	
SU	4	4	4	4	4	
EAN						
TYPE	Z033-00	Z133-00	Z233-00	Z333-00	Z433-00	Z533-00
Size	9 mm / 100 m	13 mm (1/2") / 30 m	19 mm (3/4") / 30 m	25 mm (1") / 30 m	32 mm (1 1/4") / 30 m	40 mm (1 1/2") / 30 m
SU	100 m	30 m	30 m	30 m	30 m	30 m
EAN						

UVC Pond Clarifier



UVC Pond Clarifier



- Disinfection and Algae reduction
- Incl. 2 universal hose connections and brackets for wall mounting
- Integrated safety shutdown

UVC Pond Clarifier



- 35% more effective results through the reflection of the UVC Light within the tube.
- Higher efficiency, lower power consumption with better results
- Easy to open for UVC light bulb change



WWF409-00
WWF411-00
WWF418-00



38 + 32 + 25 + 20 mm

F436E-00
F455E-00



38 + 32 + 25 mm

38 + 32 + 25 mm



Tip: Usage

The pond clarifier should only be operated from May to September, for a limited number of hours:

- 20 cm depth of sight **24 hours**
- 30 cm depth of sight **22 hours**
- 40 cm depth of sight **20 hours**
- 50 cm depth of sight **15 hours**
- 60 cm depth of sight **10 hours**
- 70 cm depth of sight **5 hours**
- 80 cm depth of sight **3 hours**
- > **80 cm - turn off**

From October to April, UV clarification is not generally necessary. During the first week of use of the UVC clarifier, only have it on for a maximum of 4 hours a day, to prevent a rapid loss of oxygen caused by algae depletion.

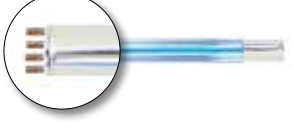
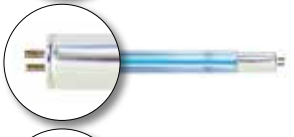
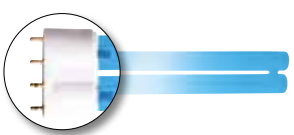
Per 1.000 l pond water about 1 W UVC output calculate.

TYPE	WWF409-00	WWF411-00	WWF418-00	F436E-00	F455E-00
Pond size	up to 8.000 L	up to 12.000 L	up to 20.000 L	up to 40.000 L	up to 60.000 L
Spare	ZF409-00	ZF411-00	ZF418-00	ZF436-00	ZF455-00
Consumption	12 W	15 W	22 W	36 W	55 W
UVC-Power	9 W	11 W	18 W	36 W	55 W
L x W x H	32 x 8 x 8 cm	32 x 8 x 8 cm	32 x 8 x 8 cm	70 x 11 x 11 cm	70 x 11 x 11 cm
SU	4	4	4	1	1
EAN	4 006873 285670	4 006873 400981	4 006873 414940	4 006873 415084	4 006873 415091

Overview Replacement UVC Lamps for HEISSNER Pond Filters

Tip: Web
UVC-Lampe jährlich wechseln

**max. Brenndauer:
8.000 Stunden**



Article	Type	Wattage	Voltage	Pins	Base	Length with base	Lamp wavelength	EAN	SU
ZF405-00	PL-S	5 Watt	230 Volt	2	G23	135 mm	253,7 nm	4006873282747	4
ZF407-00	PL-S	7 Watt	230 Volt	2	G23	135 mm	253,7 nm	4006873273981	4
ZF409-00	PL-S	9 Watt	230 Volt	2	G23	165 mm	253,7 nm	4006873269397	4
ZF411-00	PL-S	11 Watt	230 Volt	2	G23	234 mm	253,7 nm	4006873269663	4
ZF418-00	PL-L	18 Watt	230 Volt	4	2G11	214 mm	253,7 nm	4006873269403	4
ZF424-00 NEW	PL-L	24 Watt	230 Volt	4	2G11	- mm	253,7 nm	4006873418498	4
ZF436-00	PL-L	36 Watt	230 Volt	4	2G11	423 mm	253,7 nm	4006873842439	4
ZF455-00	PL-L	55 Watt	230 Volt	4	2G11	543 mm	253,7 nm	4006873396437	4
WZF405-00	T5	5 Watt	230 Volt	2x2	G5	180 mm	253,7 nm	4006873299004	4
WZF409-00	T5	9 Watt	230 Volt	2x2	G5	180 mm	253,7 nm	4006873299011	4
WZF405LV-00	T5	5 Watt	12 Volt	1x4	G10q	180 mm	253,7 nm	4006873302261	4
WZF409LV-00	T5	9 Watt	12 Volt	1x4	G10q	180 mm	253,7 nm	4006873302278	4

UVC-Display WMT-UVC

Modul set up:

Art.-Nr.	Pieces
WZF405-00	5
WZF405-00 LV	5
WZF409-00	5
WZF409-00 LV	5
ZF409-00	5
ZF411-00	5
ZF418-00	5
ZF424-00	5

WMT-UVC



Tip: Web
UVC replacement lamps, replacement sponges and parts
order online in HEISSNER spare parts shop on www.heissner.de

Which sponge suits which filter?

Article no.	Description	Spare part	Description
PRESSURE FILTERS			
FPU7200-00	Pressure Filter Se with Pump HFP5000 + UVC	ET11 - F105d	2 pieces Filter sponge fine + coarse
FPU10000-00	Pressure Filter Se with Pump HFP5000 + UVC	ET11 - F110d	3 pieces Filter sponge fine + coarse
HLF4000-00	Smartline Pressure Filter Set 7W UVC	ET10-F380D / E	Filter sponge fine + coarse
GRAVITATION FILTERS			
HLF4950-00	Smartline Außenfilter, UVC 7W + Pumpe	ET10-FA421	Filter sponge-set 3-piece
FPU7000-00	Pond filter complete set with pump + UVC	ET10-FA421	Filter sponge-set 3-piece
FPU10100-00	Pond filter complete set with pump + UVC	ET11-FA421	Filter sponge-set 3-piece
FPU16000-00	Pond filter complete set with pump + UVC	ET10-FP16D ET10-FP16C	Filter sponge 2x Filter sponge (semicircular)
FPU24000-00	Pond filter complete set with pump + UVC	ET10-F2457	Filter sponge 2x Filter sponge (semicircular)
F30000-00	Multi-chamber filter set	ET10-F3057	Filter sponge 2x blue/coarse
FPU30000-00	Multi-chamber filter set	ET10-F3057	Filter sponge 2x blue/coarse
F301-00	Pro Gravitation Filter	ET10-F301C ET10-F301B ET20-F301C ET20-F301B	Filter sponge Large Filter sponge Small Filter sponge Set Large Filter sponge Set Small
F302-00	Pro Gravitation Filter	ET10-F302C ET10-F302B ET20-F302C ET20-F302B	Filter sponge Large Filter sponge Small Filter sponge Set Large Filter sponge Set Small
F303-00	Pro Gravitation Filter	ET10-F303C ET10-F303B ET20-F303C ET20-F303B	Filter sponge Large Filter sponge Small Filter sponge Set Large Filter sponge Set Small
F311-00/F321-00	APOLLO Pro Gravitation Filter PREMIUM - L	ZF833-00	Japan filter mats
F312-00/F322-00	APOLLO Pro Gravitation Filter PREMIUM - XL	ZF833-00	Japan filter mats
F313-00/F323-00	APOLLO Pro Gravitation Filter PREMIUM - XXL	ZF833-00	Japan filter mats
UNTERWASSERFILTER			
FA2000UV-00	Pond Filter Set with water feature and UVC	ET10-FA20L	Filter sponge
FA1000	Pond Filter Set with water feature and UVC	ET10-FA116	Filter sponge
FA2000	Pond Filter Set with water feature and UVC	ET10-FA216	Filter sponge

Overview Replacement UVC Lamps for HEISSNER Pond Filters



Tip:
UVC-Lamp change annually!
max. 8000 h burn time

Article. no.	Name	Spare lamp	Build year
PRESSURE FILTER			
HLF4000-00	EASY CLEAN 4000 UVC, Pressure Filter, 7W UV	ZF407-00	all
FPU7200-00	EASY CLEAN 8000 UVC, Pressure Filter, 9W UV	ZF409-00	all
F9000-00	EASY CLEAN VARIO 9000 Pressure Filter, 11W UV	ZF411-00	all
FPU10000-00	Pressure Filter-Set with pump P4100 and UVC	ZF409-00	... to 08/2013
FPU10000-00	Pressure Filter-Set with pump HFP5000 and UVC	ZF411-00	from 09/2013 bis ...
FPU15000-00	Pressure Filter-Set, pump 6000 l/h, 11W-UVC	ZF411-00	all
FPU380-00	Filter-Set EASY CLEAN 4000UVC 7W, P3300	ZF407-00	all
FPU385-00	Filter-Set EASY CLEAN 8000UVC 9W, 4400 l/h	ZF409-00	all
FPU7500-00	Pressure Filter-Set with pump and UVC	ZF409-00	all
HLF4000-00	Smartline Pressure Filter-Set 7W UVC	ZF407-00	all

GRAVITATION FILTER			
HLF6000-00	Pond filter complete set with pump + UVC	ZF409-00	... to 12/2011
FPU7000-00	Pond filter complete set with pump + UVC	ZF409-00	... to 12/2011
FPU7000-00	Pond filter complete set with pump + UVC	WZF409-00	from 01/2012 to 06/2013
FPU7000-00	Pond filter complete set with pump + UVC	ZF409-00	from 07/2013 to ...
FPU10100-00	Pond filter complete set with pump + UVC	ZF411-00	all
FPU16000-00	Pond filter complete set with pump + UVC	ZF411-00	all
FPU16000-00	Pond filter complete set with pump + UVC	ZF418-00	to 2017
FPU24000-00	Pond filter complete set with pump + UVC	ZF424-00	all
FPU36000-00	Pond filter complete set with pump + UVC	ZF436-00	all
HLF4950-00	Smartline External Filter, UVC 5W + pump	WZF405-00	... to 12/2009
HLF4950-00	Smartline External Filter, UVC 5W + pump	WZF405LV-00	from 01/2010 to 12/2011
HLF4950-00	Smartline External Filter, UVC 5W + pump	WZF405-00	from 01/2012 to 06/2013
HLF4950-00	Smartline External Filter, UVC 7W + pump	ZF407-00	from 07/2013 to ...
HSF6500UV-00	Smartline External Filter, UVC 9W + pump	WZF409-00	... to 12/2009
HSF6500UV-00	Smartline External Filter, UVC 9W + pump	WZF409LV-00	from 01/2010 to ...
HSF16000-00	Smartline MBC Pond Filters with UVC+ pump	WZF409-00	... to 12/2009
HSF16000-00	Smartline MBC Pond Filters with UVC+ pump	WZF409LV-00	from 01/2010 to ...

UVC CLARIFIER			
F409-00	AQUA CLEAR UV-Clarifier 9W	ZF409-00	all
F411-00	AQUA CLEAR UV-Clarifier 11W	ZF411-00	all
F418-00	AQUA CLEAR UV-Clarifier 18W	ZF418-00	all
F418N-00	AQUA CLEAR UV-Clarifier 18W	ZF418-00	all
F436-00	AQUA CLEAR PRO UV-Clarifier 36W	ZF436-00	all
F436N-00	AQUA CLEAR UV-Clarifier 36W	ZF436-00	all
F455N-00	AQUA CLEAR UV-Clarifier 55W	ZF455-00	all
WWF409-00	Smartline UVC Clarifier 9W	WZF409-00	... to 12/2009
WWF409-00	Smartline UVC Clarifier 9W	WZF409LV-00	from 01/2010 to 12/2012
WWF409-00	Smartline UVC Clarifier 9W	ZF409-00	from 01/2013 to ...
WWF411-00	Smartline UVC Clarifier 11W	ZF411-00	all
WWF418-00	AQUA CLEAR UVC Clarifier 18W	ZF418-00	all
F436E-00	AQUA CLEAR UV-Clarifier 36W	ZF436-00	all
F455E-00	AQUA CLEAR UV-Clarifier 55W	ZF456-00	all

UNDERWATER FILTER			
FA1000UV-00	Pond filter set with water feature and UVC	ZF409-00	from 2017
FA2000UV-00	Pond filter set with water feature and UVC	ZF409-00	... to 09/2012
FA2000UV-00	Pond filter set with water feature and UVC	ZF411-00	10/2012 to ...



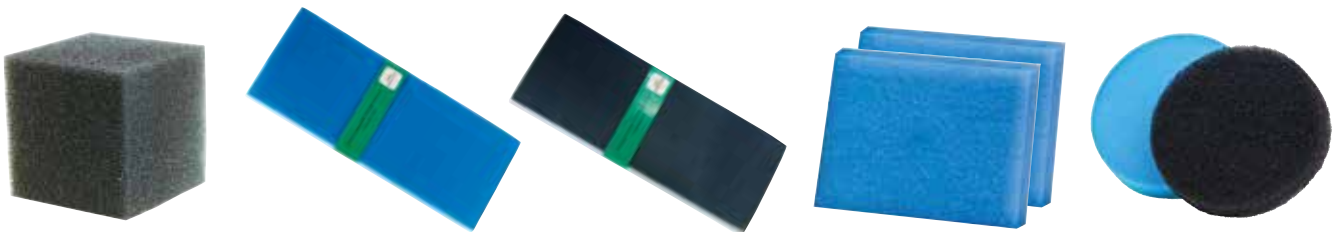
Filter sponges & filter mats






- Easily tailored to different types of filters
- Fine pores and large pore sponges for best mechanical filter results
- Bacteria colonize the sponge and form biological filtration



Tip:

Filter cubes are the simplest protection of pond pumps from debris. They can be tailored to your pond pump.



TYPE	F190-00	ZF821-00	ZF822-00	ZF831-00	ZF832-00
	Filter Cube	Filter mat blue	Filter mat black	Spare Sponges rectangular 2 pcs.	Spare Sponges round 2 pcs.
Measure	20 x 20 x 20 cm	100 x 40 x 5 cm	100 x 40 x 5 cm	34 x 24 x 2,5 cm	ø 22,5 x 2,5 cm
Info	Cutttable	Coase pored, 10 ppi	Fine pored, 30 ppi	For box filter	For pressure filter
SU	6	8	8	8	8
EAN	 4 006873 190004	 4 006873 284734	 4 006873 284741	 4 006873 401001	 4 006873 401018



Surface Skimmer

Pond Skim - surface skimmer



TYPE	F 550-00
without fishes	Up to 40 m ² of pond surface
Recom. pump	6.000 - 20.000 l/h
Including	3 extensions per 15 cm
L x W x H	42 x 24 x 15 cm
SU	1
EAN	

PRO Surface Skimmer

- Can be optimally aligned
- Secure position on the pond floor (Base plate can be filled with stones)
- Minimum pond depth: 35 cm -
Maximum pond depth: infinite



The catching basket automatically adapts to the changing pond level by 8 cm



Height of the skimmer can be extended with standard tubes DN75



Top flexible inclined by 15° in all directions (-15° / +15°)

Surface cleaner



Easy to empty the dirt basket

TYPE	F 540-00
Pond size	Up to 25 m ²
Pump capacity	2.800 l/h
Pump power	45 W
Operating voltage	230 V
L x W x H	35 x 35 x 25 cm
SU	4
EAN	



Floating surface cleaner

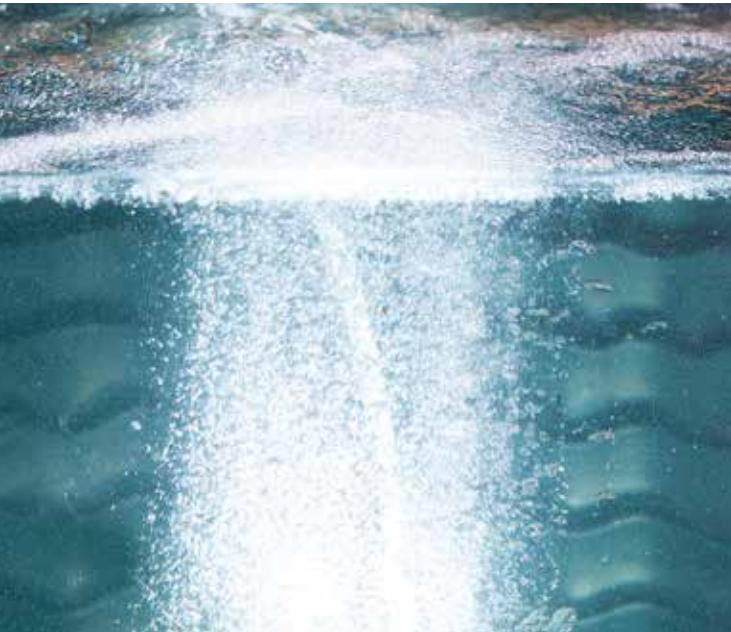
NEW!

- For garden ponds, swimming ponds and pools
- Easy to empty collecting box
- 1500 l/h – for pools with a diameter of up to 5m
- Safe 12V low-voltage system, including a safety transformer



TYPE	F 545-NV
Pond size	Up to 20 m ²
Pump capacity	1.500 l/h
Pump power	25 W
Operating voltage	230 V / 12 V
L x W x H	35 x 35 x 25 cm
SU	4
EAN	

Pond Aerator



INDOOR / OUTDOOR Pond Aerator

- 2**
years
guarantee
- INKLUSIVE**

 10 m SILIKON-
SCHLAUCH
- 1,5 m**
- 3 m**

- Ventilation and circulation for optimum balance of water
- Including backflow protection, 10 m silicone und airstone
- 3 m cable length (HLT200-00: 1,5 m)

Usage:

TZ605-00 TZ615-00 Summer	Summer
TZ605-00 TZ615-00 Winter	Winter

INDOOR Pond Aerator
HLT 200-00



OUTDOOR Pond Aerator
TZ 605-00



OUTDOOR Pond Aerator
TZ 615-00



INDOOR

TYPE	HLT 200-00	TZ 605-00	TZ 615-00
For ponds	bis 4.000 L	bis 5.000 L	bis 12.000 L
Output	200 l/h	240 l/h	720 l/h
Watt	2,5 W	4 W	8 W
Hose	10 m	10 m	4 x 10 m
L x W x H	11 x 4,5 x 5,5 cm	16 x 10 x 6,5 cm	21 x 15 x 9 cm
SU	8	4	2

EAN 4 006873 299080 4 006873 285892 4 006873 283010

