



WATER, LIGHT & LIVING

CATALOGUE 2024

heissner.de



# **HEISSNER**SINCE 150 YEARS



For more than 150 years the name Heissner has stood for products that make the garden more beautiful. From water gardens to pool landscapes to smart lighting.

From the center of Europe, we now deliver to over 40 countries and are growing steadily. We have made it our main task to adapt our product development to the time, environment and needs of our customers at the best price, so that our customers can enjoy our products for a long time.





# WATER, LIGHT & LIVING

should be in harmony with our responsibility to nature.

We live this philosophy.



# DEVELOPING SUSTAINABLY PRODUCING SUSTAINABLY ACTING SUSTAINABLY

For many years, Heissner GmbH has stood for quality, technology, design and acting sustainably.

Here, sustainability also means responsibility - responsibility for people and the environment. The different facets of responsibility reach from energy-saving technologies and production processes to resource-efficiency, customer service to social and corporate responsibility.



### # we CARE

In addition to our striving to make our products as long-lasting as possible to save resources, our products are always simple to repair. We keep all replacement parts available for the long term via our customer service, so that, as far as possible, every item can still be used with pleasure even after many years of use. Our customers are always the focus of our actions. We are proud of offering the best possible service with the greatest flexibility and dedication.



### # we INNOVATE

For many decades we have developed innovations that have received many international innovation awards as well as national ones. We are proud to be able to offer globally top-performing products in many fields. Here too, the developments are always characterised by sustainable action.



### # we are TEAM

Cohesion and friendly team spirit are a central part of our corporate culture, both within our company and in cooperation with our customers and suppliers.

Trust, honesty, respect and responsibility are the fundamental aspects of our actions. Long-term partnerships and company service create know-how, thus offering everyone involved the greatest possible benefit.

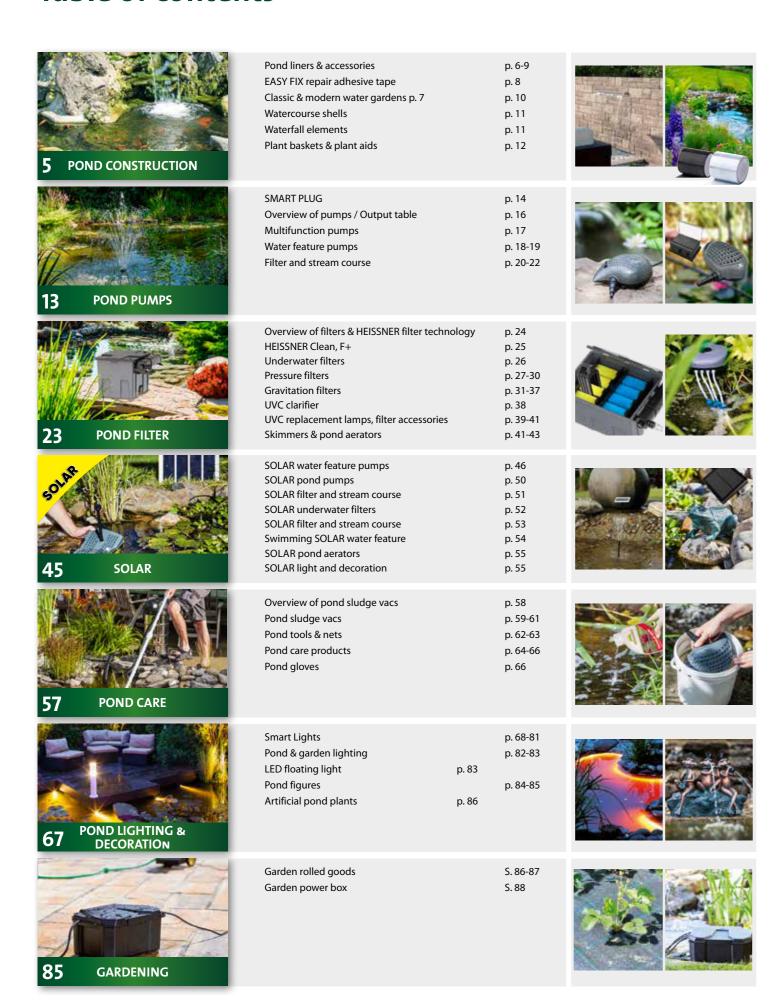
We stand for a strong work-life balance, the further development of personal potentials and a cooperative management style.

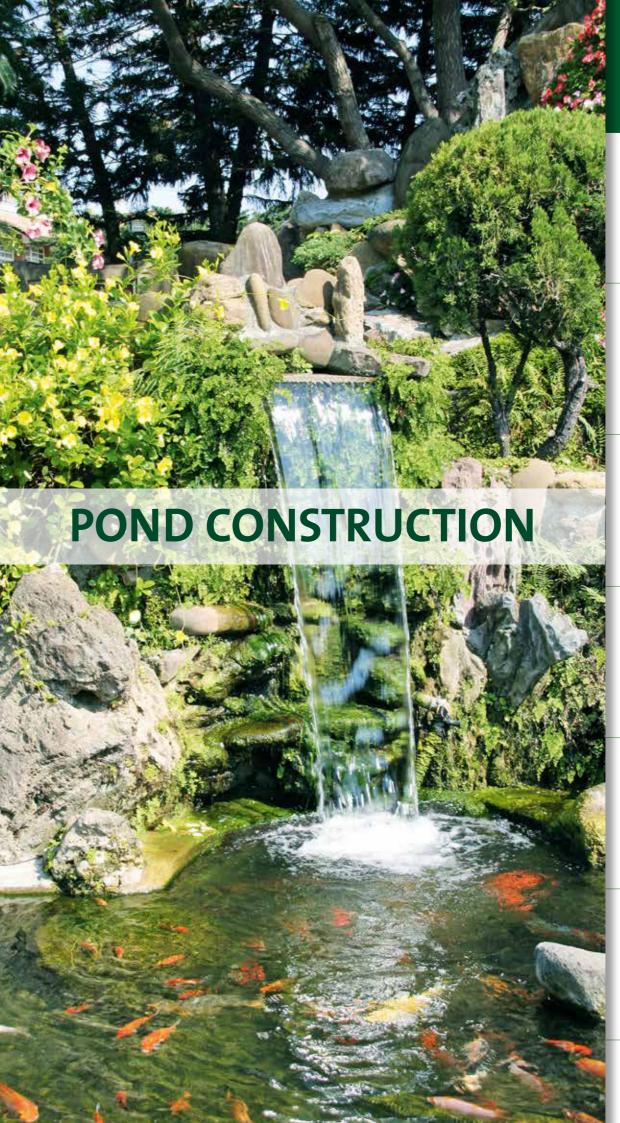


### # we are GREEN

Sustainable behaviour has been firmly anchored in our company strategy for decades. As long as 20 years ago, we announced an entirely new series of products with "HEISSNER Goes Green" as our slogan. Whether it be in the use of recycled basic materials for our liner production or the development of energy-saving pumps and lighting elements, we implement the strategy stringently in our products in our responsibility for society.

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# POND CONSTRUCTION



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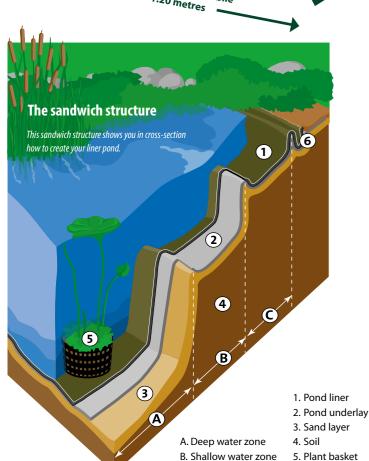


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# Pond liner & made-up liner

# **Made-up liner**





C. March zone

6. Capillary barrier

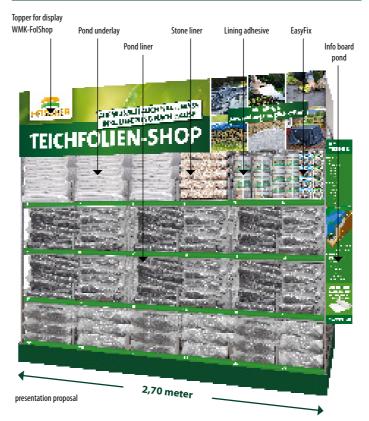
# **PVC pond liner** made up (pre-packed)

Liner thick	ness 0.5 mm	EAN
TF171-00	$2 \times 3 \text{ m} = 6 \text{ m}^2$	4006873171249
TF172-00	$3 \times 4 \text{ m} = 12 \text{ m}^2$	4006873172246
TF173-00	$4 \times 4 \text{ m} = 16 \text{ m}^2$	4006873173250
TF176-00	$4 \times 5 \text{ m} = 20 \text{ m}^2$	4006873284901
TF174-00	$4 \times 6 \text{ m} = 24 \text{ m}^2$	4006873174257
TF177-00	$5 \times 6 \text{ m} = 30 \text{ m}^2$	4006873284918
TF178-00	$6 \times 6 \text{ m} = 36 \text{ m}^2$	4006873394365
TF175-00	$6 \times 8 \text{ m} = 48 \text{ m}^2$	4006873175247
Liner thick	ness 1.0 mm	EAN
	11033 110 111111	
TF181-00	$6 \times 1 \text{ m} = 6 \text{ m}^2$	4006873394372
TF181-00	$6 \times 1 \text{ m} = 6 \text{ m}^2$	4006873394372
TF181-00 TF182-00	$6 \times 1 \text{ m} = 6 \text{ m}^2$ $8 \times 1 \text{ m} = 8 \text{ m}^2$	4006873394372 4006873394389
TF181-00 TF182-00 TF183-00	$6 \times 1 \text{ m} = 6 \text{ m}^2$ $8 \times 1 \text{ m} = 8 \text{ m}^2$ $4 \times 4 \text{ m} = 16 \text{ m}^2$	4006873394372 4006873394389 4006873161851
TF181-00 TF182-00 TF183-00 TF184-00	$6 \times 1 \text{ m} = 6 \text{ m}^2$ $8 \times 1 \text{ m} = 8 \text{ m}^2$ $4 \times 4 \text{ m} = 16 \text{ m}^2$ $4 \times 6 \text{ m} = 24 \text{ m}^2$	4006873394372 4006873394389 4006873161851 4006873161868



# **Rubber and PVC pond liner on roll**

# **Teichfolien-Shop**



### Display "Pond liner shop" assembly suggestion

Pond liner 0,	5mm	Pond liner 1n	nm	Easy Fix	
TF171-00	20 pcs.	TF181-00	15 pcs.	TF857-00	16 pcs.
TF172-00	20 pcs.	TF182-00	15 pcs.	Lining adh	esive
TF173-00	15 pcs.	Pond underla	ıy	Z854-00	12 pcs.
TF176-00	8 pcs.	TF920-00	20 pcs.	Z853-00	8 pcs.
TF174-00	4 pcs.	Stone liner		TF855-00	8 pcs.
TF177-00	4 pcs.	TF592-52	10 pcs.		

# **PVC pond liner on roll**



# **PVC** pond liner

This black PVC pond liner is available in different thicknesses and is therefore suitable for many pond sizes. This PVC pond liner is especially easy to lay at temperatures of more than  $15^{\circ}$  C. HEISSNER standard pond liner is UV and cold-resistant, safe for fish, root-proof and tear-proof. We give a 20-year guarantee for additional use of HEISSNER Pro pond underlay.



2 meter roll width

Liner thic	kness 0.5 mm - roll	width 2m	EAN
TF112-00	$2 \times 100 \text{ m} = 200 \text{ m}^2$	PU: 200	4006873112006
TF114-00	$4 \times 50 \text{ m} = 200 \text{ m}^2$	PU: 200	4006873153207
TF116-00	$6 \times 40 \text{ m} = 240 \text{ m}^2$	PU: 240	4006873153214
TF118-00	$8 \times 30 \text{ m} = 240 \text{ m}^2$	PU: 240	4006873153221
Liner thickness 1.0 mm - roll width 2m			
Liner thic	kness 1.0 mm - roll	width 2m	EAN
Liner thic	kness 1.0 mm - roll $2 \times 50 \text{ m} = 100 \text{ m}^2$	width 2m PU: 100	EAN 4006873122005
TF122-00	$2 \times 50 \text{ m} = 100 \text{ m}^2$	PU: 100	4006873122005

# **Pro pond liner (EPDM)**

This 1.0 mm-thick HEISSNER pro pond liner is produced from high-quality EPDM (synthetic rubber). The liner is very elastic, which makes laying it

It is characterised by its tensile and tearing strength and thus withstands even the highest loads. This makes it ideal for the construction of large and deep ponds. On top of this the pro pond liner is UV and cold-resistant, biologically harmless and safe for fish.

Synthetic rubber pond liner 1.0 mm - roll		
TYP TF536-00		
Dimensions	Rolle 6 x 30 m = 180 m <sup>2</sup>	
VE	180	
EAN	4006873536000	

**Pond Construction Pond Construction** 

# EASY FIX repair adhesive tape, Aqua Patch and rubber

# **EASY FIX repair adhesive tape**

- For home and garden, ponds and pools... even underwater!
- · Fast, simple and cheap repair of leaks
- · Can be used above and under water
- · Can be used to the necessary size















**EASY FIX Display** 

WMT-857 - Display for 48 rolls 24x TF857-00 / 24x 3000836SF

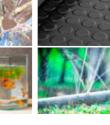
### **EASY FIX & AQUA PATCH: Adheres to almost all surfaces!**













# **AOUA PATCH Display**

1 VE = 10x 3000838CF



# **AQUA PATCH First aid patches**

- For ponds and pools... even underwater!
- 10 adhesive pads 100x70mm, transparent
- · Can be used above and under water













PU: 4





# **Rubber adhesive**



TF540-00	PU: 6	
Enough for 10 m adhesive join		
Contents	820g / 1,0 l	
<b>EAN</b> 4 006	873 283287	

# **PVC liner solvent-welding agent**

**PVC underwater liner adhesive** 

TF855-00

Repair set

Contents





Tube 50 g und 30 x 9 cm Folienstück



# **PVC liner solvent-welding agent**



PU: 4
adhesive join
600 g
73 153535

# **Stone liner**

For decorating natural-looking watercourses and pond banks. In a special, new manufacturing process, the stones are embedded in the substrate and provided with a seal. Water-

### Advantages of HEISSNER stone liner:

- Near-natural liner surface
- Underlay underside (can be stuck more easily)
- Especially resilient
- Guaranteed durable stone surface
- UV-resistant
- Safe for fish and plants





**Stone liners & pond underlays** 

### STONE LINER Liner thickness 5.0 mm Rolled goods

TF596-00 TF592-00 TF598-00 TF592-52 TF596-52 Roll **0.4** x 15 m Roll **0.6** x 15 m Roll **1.0** x 12 m BxL Pre-packed **0.4** x 2.5 m Pre-packed **0.6** x 2.5 m VE 12 EAN 4006873263074 4006873271970 4006873271987 4006873426592 4006873426608

# **Pro pond underlay**

The pond underlay is laid under the pond liner, thus protecting your pond liner against stones and roots.

### Advantages of the HEISSNER pro pond underlay:

- Tear-proof and resilient
- Reliable protection of the pond liner
- Contains no reclaimed rubber and is rot-free
- · High static puncture strength
- Bondable



### PRO POND UNDERLAY (root-proof) EXTRA STRONG - thickness 1.0 mm - Pre-packs

TYPE	TF920-00	TF920-12	TF920-16
Dimensions	Pre-pack 2 x 3 m	Pre-pack 3 x 4 m	Pre-pack 4 x 4 m
PU	10	10	10
EAN	4006873209201	4006873426677	4006873426684

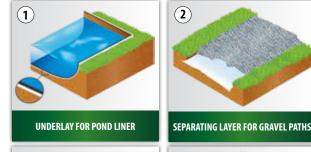
# **ROLLED GOOD**

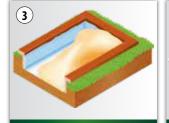
# ROLLED GOOD

EXTRA STRUNG		EXTRA SOFT - UIICKIIESS S.O IIIIII		
TYPE	TF922-00	TYPE	TF926-00	
Dimensions	Roll 2 x 100 m = $200 \text{ m}^2$	Dimensions	Roll 2 x 100 m = $200 \text{ m}^2$	
PU	200	PU	200	
EAN	4006873209225	EAN	4006873408499	

### Areas of application for underlay:

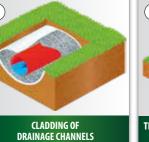
Pre-packs 2.5m













**Pond Construction Pond Construction** 

# Modern & classic water gardens

# Modern water gardens

- Ideal for use as a patio pond
- Optimal pond depth
- Thanks to overflow edges, can be combined and expanded however you like
- Free of toxic softeners and heavy metals



### **Pool display** "Modern"

B080-00 10x B083-00 5x B081-00 5x B084-00 5x B082-00 5x





Filling quantity Ext. dimension 58 x 58 x 30 cm 49 x 79 x 45 cm 79 x 79 x 45 cm EAN



# **Classic water gardens**

- Simple installation
- Can be stacked in each other
- Optimal pond depth
- Realistic shape
- Bead-secured plant zones







ТҮРЕ	B110-00
Filling quantity	120 litres
Ext. dimensions	120 x 90 x 40 cm
PU	5
EAN	4 006873 714064





TYPE	B251-00	B501-00	B1001-00
Filling quantity	250 litres	500 litres	1,000 litres
Ext. dimensions	124 x 90 x 58 cm	157 x 125 x 54 cm	224 x 150 x 70 cm
PU	10	10	5
EAN	4 006873 299097	4 006873 299103	4 006873 299110

### Waterfall elementes made of stainless steel

- Ideal for water walls / waterfalls
- As water feature for the garden pond, swimming pond or pool
- Including LED-strip for a very special atmosphere
- · Connection to bottom or reverse side possible
- Connection thread G1" hose connection 1" 25 mm



W486-00

60 cm

60 x 18 x 13 cm

5,000 l/h at outlet

3.5 W - intake: 4 W

35x warm white (2,700k)

230 V / 12 V

10 m / R1"

445 HW		A STATE OF THE PARTY OF THE PAR
	LED	
	W 483-00	W 486-00
Lumens	32 lm	55 lm
Watts	2,5 W	3,5 W
Volts	12 V	12 V
T (Kelvin)	2700 K	2700 K
Life t (h)	50.000 h	50.000 h
1	-20°C <b>=</b> +50°C	-20°C <b>=</b> +50°C
Hg t (h)	0,0 mg	0,0 mg

### **Pump selection table**

	Width				
	cm	30	60		
≞	Art.	W483-00	W486-00		
Installation height	0	2.500 l/h	3.500 l/h		
tion !	50	3.000 l/h	5.000 l/h		
eight	100	3.500 l/h	6.000 l/h		
	150	4.000 l/h	7.000 l/h		
	200	4.500 l/h	8.000 l/h		

Waterfall elements & Stream shells

# **Stream shells**

TYPE/PU1

LENGTH

LxWxH

Rec. Pump

LED power

Number of LEDs

- Unbreakable, weather and UV-resistant
- Simple installation, can be combined and expanded however you like

W483-00

30 cm

30 x 18 x 13 cm

2,500 l/h at outlet

2.5 W - intake: 3 W

20x warm white (2,700k)

230 V / 12 V

Screwed connection for hose mounting on each shell



Colour

EAN

S B 034-00

Rock grey

62 x 43 x 7 cm



M B 035-00

Rock grey

73 x 53 x 7 cm



**L** B 036-00

Rock grey

87 x 68 x 8 cm

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# Plant baskets and planting aids

# **Pond planting basket**

- For simplified insertion and removal of pond plants
- Made of rot-proof, high-quality, recyclable and weather proof plastic
- Prevents uncontrolled growth of the pond plants

### Planting basket sales display WMT-110 - 1000 planting baskets on euro-pallet VSL 110-00 175 x TZ104-00 75 x TZ101-00 250 x TZ105-00 150 x TZ102-00 150 x TZ106-00 175 x TZ103-00 25 x TZ107-00 LxWxH: 120 x 80 x 180 cm WMT-109 - 475 planting baskets on half-pallet 75 x TZ104-00 100 x TZ101-00 75 x TZ102-00 100 x TZ105-00 75 x TZ103-00 50 x TZ106-00



LxWxH: 60 x 80 x 100 cm

TYPE	TZ101-00	TZ102-00	TZ103-00	TZ104-00	TZ105-00	TZ106-00	TZ107-00
SHAPE	SQUARE	SQUARE	SQUARE	ROUND	ROUND	BOWED	WATER LILY BASKET
LxWxH	28 x 28 x 18 cm	23 x 23 x 13 cm	19 x 19 x 9 cm	ø 22 cm - H: 12 cm	ø 13 cm - H: 10 cm	45 x 18 x 15 cm	ø 40 cm - H: 28 cm
PU	25	25	25	25	25	25	5
EAN	4 006873 710882	4 006873 710899	4 006873 710905	4 006873 710912	4 006873 710929	4 006873 713012	4 006873 713029

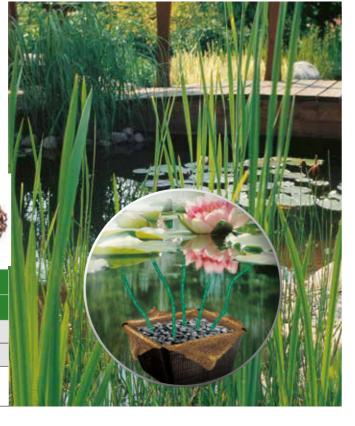
# **Bank planting**

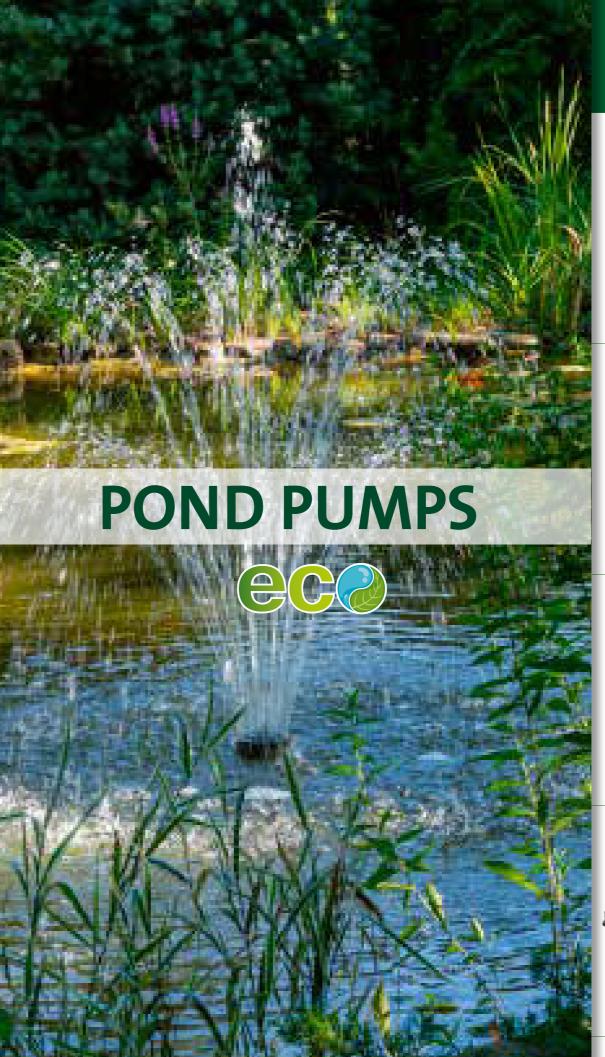
### Planting aids made of coconut

- Pond banks can be made to look more attractive and natural
- Made from pure, natural coconut material
- Very simple to lay at the bank edge
- Enables fast growth of plants



TYPE	TZ190-00	TZ191-00
SHAPE	50 m on roll	PLANTING AID/BANK MAT
LxBxH	Roll: Width 100 cm	Pre Pack 100 x 500 cm
VE	50 m	1 piece
EAN	4 006873 201908	4 006873 426691





# POND PUMPS



SMART PLUG p. 14



Multifunction pumps

p. 17

p. 18



Water feature pumps



Filter & stream pumps



### **VERY EASY TO CONTROL**

Switch devices on and off by...

- ... pressing a button
- ... app
- ... voice control
- ... automated (time, weather data, brightness, and many others.)

### **SMART FUNCTIONS**

- Operation by free app (Android and IOS)
- Alarm by push notification in the event of failure of connected devices
- Power-metering energy consumption display
- Set and individually manage as many timers as you want
- Countdown with switching-on/off
- Create groups and manage scenarios
- Display of milliamperes, volts, watts, kW/h daily value, kW/h monthly value
- Real-time display of which devices are switched on or off

### **SMART APPLICATIONS**

Control of...

- Garden and Christmas lighting
- Garden ponds (pond pumps, filters, aerators, UVC clarifiers, lighting)
- Pools (heating, filtering, cleaning)
- Garden fountains, air pumps, irrigation pumps
- Simulation of presence

### **SMART INTEGRATION**

- Simple to integrate into the existing W-LAN system
- High compatibility and connection options e.g. to ALEXA, google Home, Siri
- Powered by tugo
- Other SMART GARDEN devices can be integrated into the app,
   e.g. SMART GARDEN CAM, garden lights and soon also controllable pond pumps

### **PROFESSIONAL AND SAFE**

- · Global access to the system
- Extremely simple to install: Insert adaptor plug between device and plug socket
- Splash-water proof outdoor plug socket (IP 44 tested construction)
   Can be used at ambient temperatures from -20°C to +45°C
- Maximum connection power 3,680 watts / 16A
- WPA and WPA2 encryption

# SMART PLUG

...the clever control system for the garden





All items marked with this logo are compatible with SMART PLUG!

### THE WHOLE GARDEN IN ONE APP!

Experience effortless control of your garden lighting or other outdoor electrical devices with the HEISSNER Smart Plug! Our smart socket allows you to easily switch your devices on and off at the touch of a button, app, voice control or automatically using various parameters such as time, weather data and brightness.





- ▶ Convenient voice control
- ▶ Easy integration into the existing Wi-Fi system
- High compatibility and connectivity options (e.g., Alexa or Siri)



- Visual control
- ▶ Timer / Countdown
- Alarm function / Holiday replacement



- If This Then That -Individual linking of web applications
- ▶ Example Pool Heating: If temperature is higher than 28°C, then the pool heating is turned off

### **SMART APPLICATIONS**







30,000+

**PRODUCTS** 

100+

**CATEGORIES** 

Videos, app and further information

Alexa: Switch on "GARDEN"!



93.000 +

**PARTNERS** 

# **Overview of pumps**

All pumps adjustable All pumps SMART PLUG compatible

# **Multifunction pump - Aqua Stark**

# **Overview of multifunction pumps**

### **Aqua Stark**

P700E-00

Page 17



P1400E-00

1400-2100 l/h - 27 watts

P3400E-00 - 2100-3400 l/h - 40 watts

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HSP600-00 - Output: 600 l/h Spraying height up to 40 cm

**Fountain** 

HSP600-00/i - Spraying height up to 40 cm

### **Overview of water feature pumps**

### **Indoor-Pumpe**

### **Indoor-Pumpe mit USB**

Page 18



- 3.6 watts

(A)

- Discharge head approx. 75 cm

### **Aqua Jet**

Page 19



- 12 watts

- Discharge head approx. approx.

HFP5000-00

- Output: 4900 l/h

HSP1600-00 - 20 watt

- 33 watt

HSP3000-00 - 48 watts

HSP5000-00 + - 40 watts

# **Overview of filter & watercourse pumps**

### **Aqua Craft**

Page 20



HFP2500-00 - Output: 2200 l/h

1,70 m **HFP3500-00** - Output: 3300 l/h

# **Aqua Craft**

Page 21



HFP10000-00 - 95 watts

# **Delivery rate table** of all pumps can be found here:



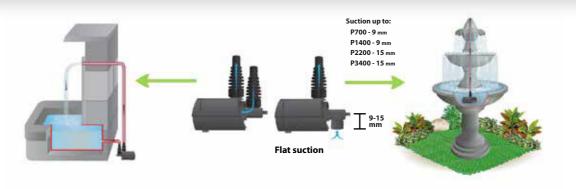
### **Aqua Craft Smart**

Page 22

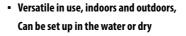
P10300E-00 Discharge head approx. 4,50 m

P15300E-00 - 14300 l/h - Discharge head approx. 4,70 m

P20300EPC-00



# **Aqua Stark**



- Sucks flatly and runs extremely quietly
- Little space required
- High performance with low consumption
- ECO-synchronous motor technology
- Intake can be aligned in 90° steps

**Product tip:** 

Ideal for use in combination with underwater

LED ring **U509-T** (e.g. in stone fountains)

• Thermal circuit breaker protects against overloading



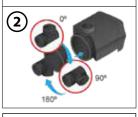




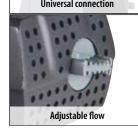
ТҮРЕ	INDOOR P700E-i	P700E-00	P1400E-00	P2200E-00	P3400E-00	
Output	200 - 700 l/h	200 - 700 l/h	700 - 1,400 l/h	1,400 - 2,100 l/h	2,100 - 3,400 l/h	
Watts	8 W	8 W	16 W	27 W	49 W	
Discharge head	approx. 1.00 m	approx. 1.00 m	approx. 1.60 m	approx. 1.80 m	approx. 2.80 m	
LxWxH	11.5 x 6 x 5.8 cm	11.5 x 6 x 5.8 cm	13.2 x 7 x 7 cm	14.5 x 8.3 x 7.5 cm	17 x 9.6 x 8.2 cm	
Hose connection	1/2" - 13 mm   3/4" - 19 mm   1" - 25 mm				3/4" - 19 mm   1" - 25 mm	
Inlet nozzle	Thread 1/2"	Thread 1/2"	Thread 3/4"	Thread 3/4"	Thread 1"	
Outlet nozzle	Thread 1/2"	Thread 1/2"	Thread 3/4"	Thread 3/4"	Thread 1"	
Positioning		Dry and underwater				
PU	4					
EAN	4 006873 414926	4 006873 407485	4 006873 407492	4 006873 407508	4 006873 424987	



**Pond Pumps** 

















**Pond Pumps Pond Pumps** 

# Water feature pumps

### **Fountains**

Suitable for: water features, pond shells, pond figures, mini well stones, indoor fountains

### **ALL-IN-ONE beginner set:**

- First-class price-performance
- Including 2 water features (bell+cascade)
- Practical telescopic tube with adjustment
- Pond figure connection
- Winterproof down to -20°C





ТҮРЕ	Fountain pump OUTDOOR - HSP600-00	Fountain pump INDOOR - HSP600-i
Output	600 l/h	600 l/h
Watts	8 W	8 W INDOOR
Discharge head	approx. 1.10 m	approx. 1.10 m
Spraying height	40 cm	40 cm
LxWxH	13.5 x 6.5 x 5 cm	13.5 x 6.5 x 5 cm
Cable length	10 m	3 m
PU	6	6
EAN	4 006873 301530	4 006873 301561

**Indoor underwater pump** 

P300-i INDOOR

100 - 320 l/h

65 cm

5.8 x 4.5 x 5.5 cm

1.5 m

Ideal for indoor fountains

TYPE

Output

Watts

Discharge head

LxWxH

PU

Cable length



### Indoor mini pump with USB connection

### Ideal for indoor fountains

- computer => more elegant power supply, instead of 230V cable





# Water feature pumps







Suitable for: Water features, well stones and waterspouts



HSP1000-00

1,100 l/h

12 W

approx. 1.30 m

up to 15 cm

17.5 x 16 x 11 cm

Thread 3/4"

Thread 3/4"

TYPE

Discharge head

Spraying height

LxWxH



HSP1600-00

1,500 l/h

20 W

approx. 1.80 m

up to 30 cm

17.5 x 16 x 11 cm

Thread 3/4"

Thread 3/4"



HSP2500-00

2,500 l/h

33 W

approx. 2.00 m

up to 60 cm

17.5 x 16 x 11 cm

Thread 1"

Thread 3/4"

1/2" - 13 mm | 3/4" - 19 mm | 1" - 25 mm

HSP3000-00

3,100 l/h

48 W

approx. 2.20 m

up to 80 cm

17.5 x 16 x 11 cm

Thread 1"

Thread 3/4"

FOAMING WELL HSP5000-00 Plus

ø 15cm / h: 35 cm





HSP5000-00 Plus

Incl. 3 water features



19

- adjustable indoor multifunction pump on 5V basis with USB connection
- can be connected to any USB source, so also to:
- power bank => regardless of location! Table fountain without cable!
- 5 volt low voltage



**Pond Pumps Pond Pumps** 

Aqua Craft **CC** 

Suitable for: Well stones, streams and filter systems

# Filter & stream pump

Pressure side

EAN

Thread 3/4"

4 006873 402282

# Filter & stream pump







Dirt feed-through





Thread 3/4"





Thread 1"

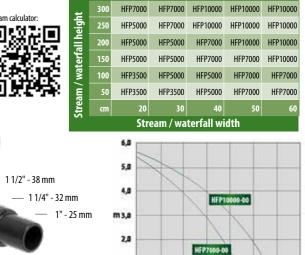
		up to 10 mm particle siz
ТҮРЕ	Craft CCO HFP7000-00	Craft @C HFP10000-00
Output	7,000 l/h	10,000 l/h
Watts	65 W	95 W
Discharge head	approx. 5.50 m	approx. 5.70 m
Dirt feed-through	up to 10 mm	up to 10 mm
LxWxH	33 x 24 x 15 cm	33 x 24 x 15 cm
Hose connection	1" - 25 mm   11/4" - 3	2 mm   1 1/2" - 38 mm
Suction side	Thread 1"	Thread 1 1/2"
Pressure side	Thread 1 1/2"	Thread 1 1/2"
PU	2	2
EAN	4 006873 424994	4 006873 425007



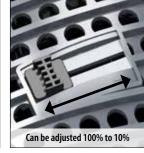
















21

# Filter & stream pump

# Aqua Craft SMART CC





- Control by app
- Control by voice control
- ECO Plus technology with high efficiency
- Save electricity thanks to adjusted output
- Can be set up in wet or dry location
- Transports coarse dirt with grain size up to 10mm
- Universal connections at inlet and outlet





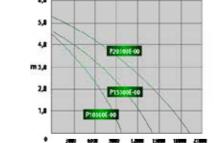




years guarantee







spring and autumn. Or make streams and waterfalls provide the pond with oxygen, using timer programming to set pump

output at 50% for the day, and 10% at night and when you are

away. Increase the output individually if necessary, e.g. impres-

sive water features, backwashing of filter systems, increased



Splash-water-proof

connections IP44



Adjust the output of your pond pump to the requirements in the pond, e.g. increased filter flow in the summer, reduced flow in

# Product tip:

- several daily timers for on/off/adjustment of delivery rate
- different modes (e.g. day/night, summer/winter,...)

Controller for control of the delivery rate:

- on/off

- delivery rate + / -- pause (e.g. for feeding) digital display of the rate in % and power consumption in watts

including ground stake and

wall mounting bracket Splash-water-proof design IP44

Smart control with the

delivery rate + / -- pause (e.g. for feeding)

"HEISSNER Smart Garden" app:

- display of current electricity consumption and revolutions

ТҮРЕ	P10300E-00	P15300E-00	P20300E-00
Output	20 - 80 W	20 - 120 W	30 - 180 W
Discharge	9,600 l/h	14,300 l/h	19,200 l/h
Discharge head	approx. 4.50 m	approx. 4.70 m	approx. 5.30 m
LxWxH	43 x 27 x 15 cm	43 x 27 x 15 cm	43 x 27 x 15 cm
PU	1	1	1
EAN	4 006873 426844	4 006873 426851	4 006873 426868





# **POND FILTERS**



Underwater filters

p. 26



Pressure filters p. 27



Gravitation filters



UVC clarifiers p. 38



Accessories p. 41

# **Overview of pond filters**

# All filters Smart Plug compatible

# **HEISSNER filter technology - overview**



# Overview of gravitation filter sets





- Filter pump: 1500 l/h - 44W - Incl. UVC: 9 W

8 m<sup>3</sup>



FPU10100-00

- Filter pump: ECO 3300 l/h - 40W - Incl. UVC: 9 W



FPU16000-00

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





- Filter pump: ECO 4900 l/h - 40W - Incl. UVC: 24 W



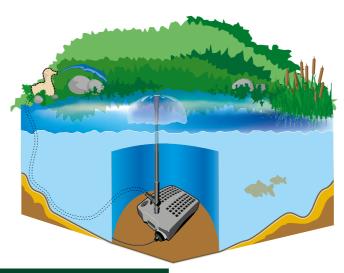
- Filter pump: ECO 10000 l/h - 95W - Incl. UVC: 36 W

# Overview of Pro gravitation filters with vortex





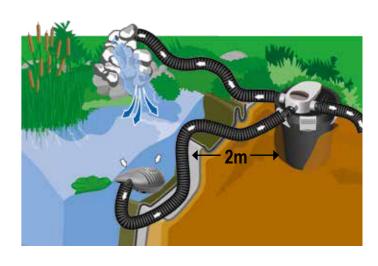
# **HEISSNER filter technology**



For ponds up to 5m³ (without fish)

### **UNDERWATER FILTERS**

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



### For ponds up to 10m3 (without fish)

### **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



For ponds up to 120m³ (without fish)

### **GRAVITATIONS FILTERS**

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



Suitable for all ponds

### **POND AERATORS**

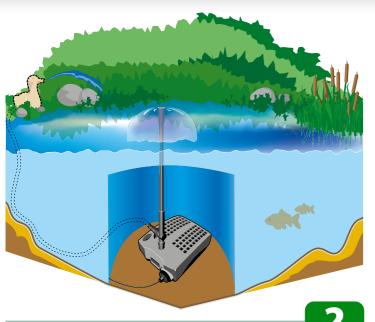
- Optimum oxygenation
- Improves filtration
- Essential for fish stocks
- Ideal in combination with de-icers

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.

Compact & efficient

# **Underwater filters**

# **Pressure filters**



The Smartline underwater filter set with integrated UVC pond clarifier (11 watts) is ideal for ponds up to 5,000l. The large filter housing ensures extremely long cleaning intervals. All filter components are placed practically invisibly on the pond floor.

In addition the pond filter set includes an adjustable pond figure connection and telescopic rising pipe with tilt compensation and flow-rate adjustment.

- Large filter housing with mechanical filter step
- Ideal for ponds up to 5,000 litres
- All filter components are placed virtually Invisibly on the pond floor
- Tilt compensation
- UVC function check
- Adjustable pond figure connection
- Incl. filter media









Adjustable pond figure connection







# Pressure filter set HLF3000-00

- Filtering with mechanical filter step
- Ideal for ponds up to 3,000 litres
- All filter components are placed virtually invisibly at the pond edge
- With backwashing
- Quick-cleaning system

ТҮРЕ	HLF3000-00 PU: 2
Pond size without fish	3 m³
With fish	up to 1.500 L
UV lamp	7 W
Spare lamp	ZF407-00
Pump output	1.500 l/h / 25 W
LxWxH	25 x 25 x 34 cm
EAN	4 006873 429838
Contained in set	Filter pump 2,200 l/h     7W UVC     Filter sponge     Hose & connection accessories



"Easy Clean" cleaning mechanism "Easy Clean"

Conveys dirt up to 6mm

3m + 2m x 3/4" (19mm)

# The plus for every pond filter: F+

A year box of F+ contains 10 individually packed sachets, enough for a complete pond season. Very easy to use: every 3 weeks, scatter the contents of a sachet directly into the filter.

### A year box contains:

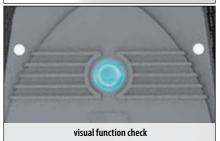
- 3 x pond starter bacteria
- 7 x pond water preparators
- 1 x care plan with instructions for use

More on page 39

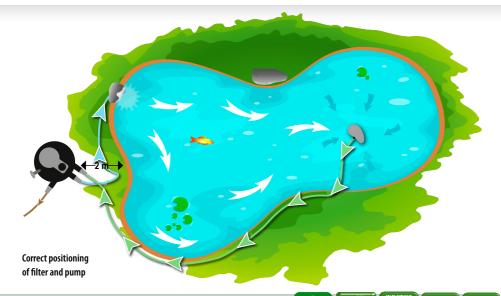


# **Pressure filters**





Pressure filter set HLF4000-00



### • Filtering with mechanical filter step • Ideal for ponds up to 4,000 litres All filter components are placed virtually invisibly at the pond edge • With backwashing and dirt outlet (third hose connection) Quick-cleaning system and integrated dirt loosener Dirt level display **Easy Clean cleaning** TYPE HLF 4000-00 13 + 19 + 25 mm Pond size 4 m<sup>3</sup> without fish With fish Up to 2,000 L **UV** lamp "Easy Clean" quick-cleaning adjustable! Spare lamp ZF407-00 2,200 l/h / 25 W **Pump output** LxWxH 31 x 31 x 41 cm

# **HEISSNER CLEAN - special cleaner for pumps, filters and lights**

- extends the lifetime of pumps
- increases the efficiency of UVC clarifiers
- 500ml concentrate for 10L cleaning solution

• Filter pump 2,200 l/h

Filter sponge
Hose & connection accessories

• 7W UVC

descalers and cleaners

Contained in set

- for running units, UVC quartz glasses, lamp glasses and fountains
- for devices on ponds, fountains, pools and aquaria

More on page 60







3m x 3/4" (19mm)

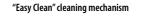
Conveys dirt up to 6mm



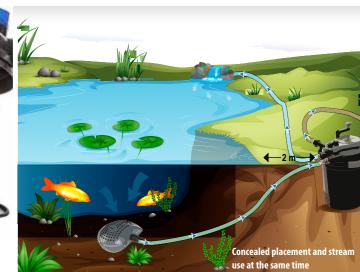




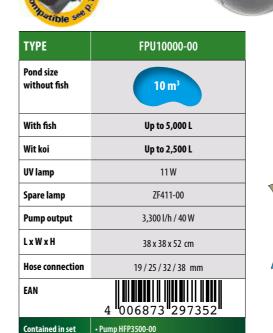




13 + 19 + 25 mm





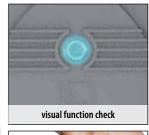


• 11W UVC Filter sponge



**Pressure filter** 







4m x 1" (25mm)



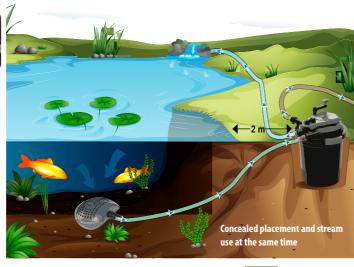
29

# **Pressure filter**

# "Easy Clean" backwashing with dirt level display







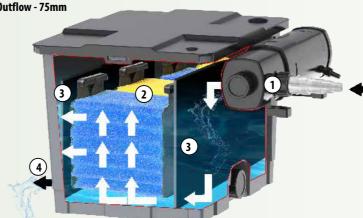
# Filtering principle of gravitation filters (example: FPU16000)

- 1) UVC pond clarifiers
- 2 Filter sponge cartridges
- 3 Biofilter media



• Ideal lower-priced filter system

HLF8000-00



**Gravitation filter set HLF6000-00 CC** 

3m x 3/4" (19mm)

The UVC pond clarifier is used to kill off germs and clumps together floating algae so that these can also be gathered by the following filter

**Gravitation filter set** 

In the sludges, nitrosomonas bacteria form, which complete nitritation (transformation of ammonia/ammonium into nitrite). All of the water must pass the inserted filter sponges to get into the next chamber.

In the first and last zone of the filter, habitats are created for further nitrosomonas and nitrobacter bacteria by using bio-spheres. The latter further transform the dangerous nitrite into nitrate.



- With backwashing and dirt outlet







Pond size 8 m<sup>3</sup> without fish Bis 4.000 L With fish 44 W incl. 9 W UVC 1.500 l/h / 35 W Pump output UV lamp 9 W ZF409-00 Spare lamp 42 x 30 x 30 cm LxWxH

TYPE





30 HEISSNER - water, light, & life

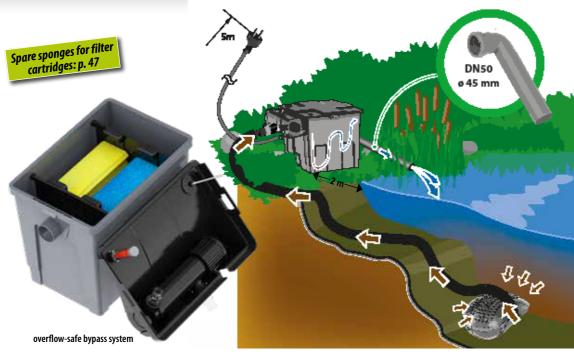
24W UVC

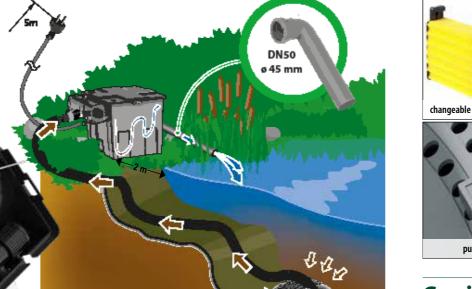
ontained in set

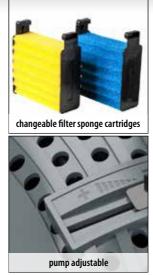
### **Gravitation filter set Gravitation filter set**







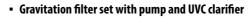








### **Gravitation filter set FPU16000-00**



 Powerful ECO pump conveys dirt up to 6 mm particle size

 Simple handling -Ideal for larger fish ponds

- Dirt level display
- Water temperature display
- Bottom outlet with valve







Gravitation filter set FPU10100-00 **CC** 

• UVC-clarifier for killing germs and clumping algae

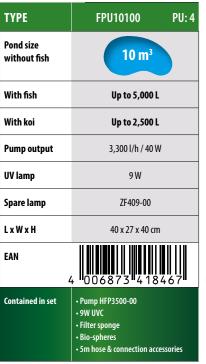
• Filter sponge for mechanical filtering • Bio-spheres with large surface area for establishing active bio-films

Dirt level display

Water temperature display

Bottom outlet





5m x 1" (25mm)



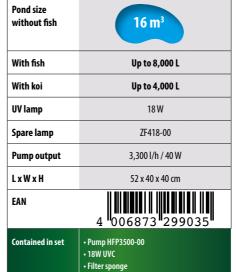












FPU16000-00

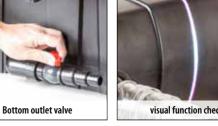








Inlet nozzle with aeration







# **Gravitation filter set**

# "Press & Clean" cleaning system



Water temperature display







 ${\it Overflow-safe}\ by pass\ system\ with\ changeable\ filter\ cartridges$ 









- Gravitation filter set with pump and UVC clarifier
- Powerful ECO pump conveys dirt up to 6 mm particle size
- Simple handling ideal for larger fish ponds
- Dirt level display
- Water temperature display

Cleaning filter cartridges

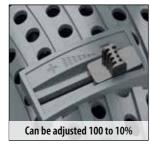
- Bottom outlet with valve
- Outlet DN75





ТҮРЕ	FPU24000-00
Pond size without fish	24 m³
With fish	Up to 12,000 L
With koi	Up to 6,000 L
UV lamp	24 W
Spare lamp	ZF424-00
Pump output	4,900 l/h / 40 W
LxWxH	82 x 52 x 40 cm
EAN	4 006873 418474
Contained in set:	Pump HFP5000  24W UVC  Filter sponge & bio-spheres  5 m base (32mm)





Inlet nozzle with aeration

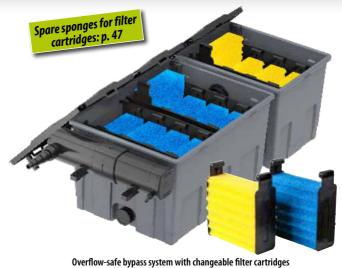














INCLUDING 11/2"-38mm 24W/23OV 36W/23OV UVC

| ONL | ON

**Gravitation filter set** 

# **Gravitation filter set FPU40000-00**

- Gravitation filter set with pump and integrated UVC clarifier
- Powerful ECO pump conveys dirt up to 10 mm particle size
- Simple handling ideal for larger fish ponds
- Dirt level display
- Water temperature display
- Bottom outlet with valve
- Outlet DN75





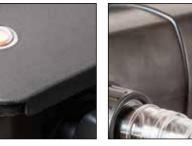
TYPE	FPU40000-00
Pond size without fish	40 m³
With fish	Up to 20,000 L
With koi	Up to 10,000 L
UV lamp	36 W
Spare lamp	ZF436-00
Pump output	10,000 l/h / 95 W
LxWxH	136 x 52 x 40 cm
EAN	4 -006873 -428664
Contained in set:	Pump HFP10000  36W UVC  Filter sponge & bio-spheres  5 m hose (38mm)  Connection accessories















# Pro gravitation filter set



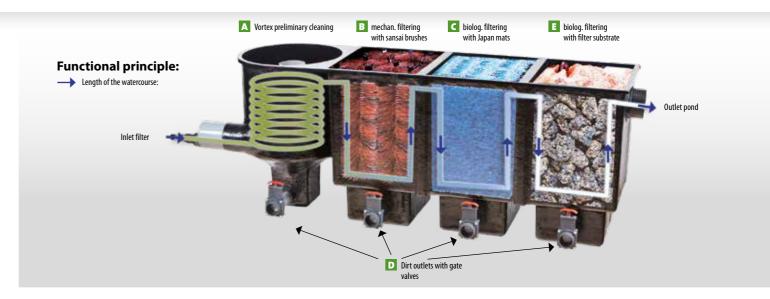
ТҮРЕ	APOLLO XL PRO F322-00	APOLLO XXL PRO F323-00
Pond size without fish	80 m³	120 m³
With fish	Up to 40,000 L	Up to 60,000 L
With koi	Up to 20,000 L	Up to 30,000 L
Filter zone	Vortex + 3 chambers	Vortex + 3 chambers
Rec. pump	P8100E-00	P10100E-00
Rec. UVC	F455E-00	F455E-00
LxWxH	176 x 46 x 67 cm	257 x 81 x 80 cm
PU	1	1
EAN	4 006873 415015	4 006873 415022



















	Sansai special brushes	Japan filter mats	Filter start bacteria	Phosphate binder	Special-	Zeolite 20kg
= contained in the set					filter substrate	217 - 117 -
F322-00	9 x 🗸	4 x 🗸	1,000 g 🎺	1,000 ml 🎺	20 kg 🎺	-
F323-00	12 x 🎺	9 x 🎺	1,000 g 🎺	1,000 ml 🗸	20 kg 🎺	20 kg 🎺

# **UVC** pond clarifier



### **UVC** pond clarifier

- Sterilisation and algae reduction
- Incl. 2 universal hose connections and brackets for easy filter installation
- Integrated safety shutdown





Improve the efficiency of your UVC clarifier by regularly cleansing the quartz glass with the cleaner. This will ensure the best possible sterilisation and algae



**Tip: Application** Only use the UVC pond clarifier for hours

- 20 cm visibility depth 24 hours
- 60 cm visibility depth 10 hours • 30 cm visibility depth **22 hours** 70 cm visibility depth 5 hours
- 80 cm visibility depth 3 hours
- 40 cm visibility depth **20 hours**
- 50 cm visibility depth **15 hours**

Normally, no UVC clarifying is necessary from October to April. When using for the first time, only switch the UVC clarifier on for a maximum of 4 hours a day during the first week, in order to prevent rapid oxygen loss through decimation of algae.

For each 1,000L pond water, calculate approx. 1 W UVC power.









	All .	All .	All .		400		
TYPE	WWF409-00	WWF411-00	WWF418-00	F436X-00	F455X-00	F472X-00	F4110X-00
Pond size without fish	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	Up to 80,000 L	Up to 120,000 L
with fish	up to 4,000 L	up to 6,000 L	up to 10,000 L	up to 20,000 L	up to 30,000 L	up to 40,000 L	up to 60,000 L
with koi	up to 2,000 L	up to 3,000 L	up to 5,000 L	up to 10,000 L	up to 15,000 L	up to 20,000 L	up to 30,000 L
Consumption	12 W	15 W	22 W	36 W	55 W	2x 36 W	2x 55 W
UVC power	9 W	11 W	18 W	36 W	55 W	72 W	110 W
Spare lamp	ZF409-00	ZF411-00	ZF418-00	ZF436-00	ZF455-00	2x ZF436-00	2x ZF455-00
LxWxH	32 x 8 x 8 cm	32 x 8 x 8 cm	32 x 8 x 8 cm	55 x 16 x 11 cm	69 x 16 x 11 cm	103 x 16 x 11 cm	131 x 16 x 11 cm
PU	4	4	4	1	1	1	1
EAN	4 006873 285670	4 006873 400981	4 006873 414940	4 006873 426516	4 006873 426523	4 006873 426530	4 006873 426509

### **Pro UVC pond clarifier**



- High-performance pond clarifier with function check through transparent housing part
- Up to 35% more UVC utilisation thanks to mirrored inner surfaces, making it more economical to use with the same result
- Rotating water direction and angling by magnetisation
- F472X / F4110X separately switchable UVC units











# **UVC** replacement lamps & spare sponges



# **UVC display WMT UVC**

### Filling suggestion:

Item No.	Quantity
ZF407-00	4
ZF409-00	4
ZF411-00	4
ZF418-00	4





# The plus for every pond filter: F+

A year box of F+ contains 10 individually packed sachets, enough for a complete pond season. Very easy to use: every 3 weeks, scatter the contents of a sachet directly into the filter.

### A year box contains:

- 3 x pond starter bacteria
- 7 x pond water preparators
- 1 x care plan with instructions for use
- 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

<ul> <li>F+ is ideal for use in all pond filters f from 2,000 to 40,000 litres</li> </ul>			
TYPE		F	-PLUS
Conten	ts	10	sachet
PU			8
EAN 4	0068	373 4	185





# **Spare UVC lamps for HEISSNER pond filters**

# **Filter accessories**



Item No.	Name	Spare lamp	Year of manufacture
	PRESSURE FILTERS		
HLF3000-00	EASY CLEAN 3000 UVC, pressure filter, 7W UV	ZF407-00	all
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
FPU10000-00	Pressure filter set with UVC	ZF409-00	until 08/2013
FPU10000-00	Pressure filter set with UVC	ZF411-00	from 09/2013 until
FPU15000-00	Pressure filter set, pump 6000 l/h, 11W-UVC	ZF411-00	all
FPU20000-00	Pressure filter set, pump 6000 I/h, 24W-UVC	ZF407-00	all
HLF8000-00	GRAVITATION FILTERS	ZF409-00	all
FPU7000-00	Pond filter complete set with pump + UVC	ZF409-00 ZF409-00	until 12/2011
	Pond filter complete set with pump + UVC		from 01/2012 until 06/20
FPU7000-00	Pond filter complete set with pump + UVC	WZF409-00	from 07/2013 until
FPU7000-00	Pond filter complete set with pump + UVC	ZF409-00	
FPU10100-00	Pond filter complete set with pump + UVC	ZF411-00	until 12/2020
FPU10100-00	Pond filter complete set with pump + UVC	ZF409-00	from 12/2020
FPU16000-00	Pond filter complete set with pump + UVC	ZF411-00	until 12/2016
FPU16000-00	Pond filter complete set with pump + UVC	ZF418-00	from 01/2017
FPU24000-00	Pond filter complete set with pump + UVC	ZF424-00	all
FPU36000-00	Pond filter complete set with pump + UVC	ZF436-00	all
FPU40000-00	Pond filter complete set with pump + UVC	ZF436-00	all
HLF4950-00	Smartline outdoor filter, UVC 5W + pump	WZF405-00	until 12/2009
HLF4950-00	Smartline outdoor filter, UVC 5W + pump	WZF405LV-00	from 01/2010 until 12/20
HLF4950-00	Smartline outdoor filter, UVC 5W + pump	WZF405-00	from 01/2012 until 06/20
HLF4950-00	Smartline outdoor filter, UVC 7W + pump	ZF407-00	from 07/2013 until
F400.00	UVC POND CLARIFIERS		all all
F409-00	AQUA CLEAR UV pond clarifier 9W	ZF409-00	all
F411-00	AQUA CLEAR UV pond clarifier 11W	ZF411-00	all
F418-00	AQUA CLEAR UV pond clarifier 18W	ZF418-00	all
F418N-00	AQUA CLEAR UV pond clarifier 18W	ZF418-00	all
F436-00	AQUA CLEAR UV pond clarifier 36W	ZF436-00	all
F436N-00	AQUA CLEAR UV pond clarifier 36W	ZF436-00	all
F455N-00	AQUA CLEAR UV pond clarifier 55W	ZF455-00	all
WWF409-00	Smartline UVC pond clarifier 9W	WZF409-00	until 12/2009
WWF409-00	Smartline UVC pond clarifier 9W	WZF409LV-00	from 01/2010 until 12/20
WWF409-00	Smartline UVC pond clarifier 9W	ZF409-00	from 01/2013 until
WWF411-00	Smartline UVC pond clarifier 11W	ZF411-00	all
WWF418-00	AQUA CLEAR UVC pond clarifier 18W	ZF418-00	all
F436E-00	AQUA CLEAR UVC pond clarifier 36W	ZF436-00	all
F455E-00	AQUA CLEAR UVC pond clarifier 55W	ZF455-00	all
F436X-00	Profi UVC pond clarifier 36W	ZF436-00	all
F455X-00	Pro UVC pond clarifier 55W	ZF455-00	all
F472E-00	Pro UVC pond clarifier 2x36W	2x ZF436-00	all
F4110E-00	Pro UVC pond clarifier 2x55W	2x ZF455-00	all
	Pro UVC pond clarifier 2x36W	2x ZF436-00	all
F472X-00			
	Pro UVC pond clarifier 2x55W	2x ZF455-00	all
F472X-00	·		all
F472X-00	Pro UVC pond clarifier 2x55W		from 2017
F472X-00 F4110X-00	Pro UVC pond clarifier 2x55W  UNDERWATER FILTERS	5	

# **Spare filter sponges for gravitation filter cartridges**

• Filter sponge for cartridges of gravitation filters FPU10100 / FPU16000 / FPU24000 / FPU40000 (from year of manufacture 2021)

















FPU10100-00



2x blue | 2x yellow

FPU16000-00



4x blue | 4x yellow



8x blue | 4x yellow

Filter sponge	& filter mats

1x blue | 1x yellow

- Easy to cut to size for different filter types
- Fine and coarse-pored sponges for excellent mechanical filter results
- Bacteria colonise the sponge and form biological filtering







FPU24000-00



TYPE	F190-00	ZF831-00	ZF832-00
	Filter cube	Spare sponges cornered x 2	Spare sponges round x 2
Dimension	20 x 20 x 20 cm	34 x 24 x 2.5 cm	ø 22.5 x 2.5 cm
Info	Can be cut to size	For gravitation filters	For pressure filters
PU	6	8	8
EAN	4 006873 190004	4 006873 401001	4 006873 401018

# **Surface skimmer**

# **Pro surface cleaner**







• Can be optimally aligned

- Minimum pond depth: 60 cm

TYPE F551-00 without fish Up to 40 m<sup>2</sup> Pond surface 6,000 - 20,000 l/h Rec. pump LxWxH 35 x 35 x 83 cm 35 x 35 x 105 cm PU







# **Pro pond wall skimmer**





ТҮРЕ	F644-00	
LxWxH	54 x 56 x 67 cm	
For pumps	6,000 - 16,000 l/h	
PU	1	
EAN 4 006873 400899		



# Floating surface cleaner



ТҮРЕ	F540-00
Pond size	Up to 25 m²
Litre output	2,800 l/h
Pump output	45 W
Operating voltage	230 V
LxWxH	35 x 35 x 25 cm
PU	4
EAN	4 006873 302438













# **INDOOR / OUTDOOR pond aerators**

- Aeration and circulation for optimal balance of water
- Including backflow protection, 10 m silicon hose and airstone
- 3 m connection cable (HLT200-00: 1.5 m)

### Possible applications:



	INDOOR		
TYPE	HLT200-00	TZ605-00	TZ615-00
For ponds	up to 4,000 L	up to 5,000 L	up to 12,000 L
Output	200 l/h	240 l/h	720 l/h
Watts	2.5 W	4 W	8 W
Hose	10 m	10 m	4 x 10 m
LxWxH	11 x 4.5 x 5.5 cm	16 x 10 x 6.5 cm	21 x 15 x 9 cm
PU	8	4	2
EAN	4 006873 299080	4 006873 285892	4 006873 283010

# **INDOOR pond aerators** HLT200-00

**Pond aerators** 

### OUTDOOR pond aerators

TZ605-00





# Info on hose connections and diameters

System	requires hose diameter	Thread
13mm	1/2 "	
19mm	3/4"	R 1/2 "
25 mm	1"	R 3/4"
32 mm	1 1/4"	R1"
38mm	11/2"	R 1 1/4"
44mm	13/4"	R 1 1/2 "
50mm	2"	



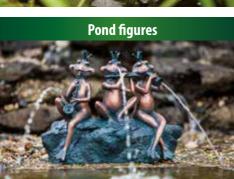
# **Aeration is important**

Always let your pond filter run around the clock, because millions of helpful bacteria are working in the sponges and substrates. They need oxygen all the time in order to do their work.

Examples of the aeration of the pond water:

















Solar pond pumps p. 46



Solar pond filters p. 52



Solar water features p. 54



Solar pond aerator p. 55



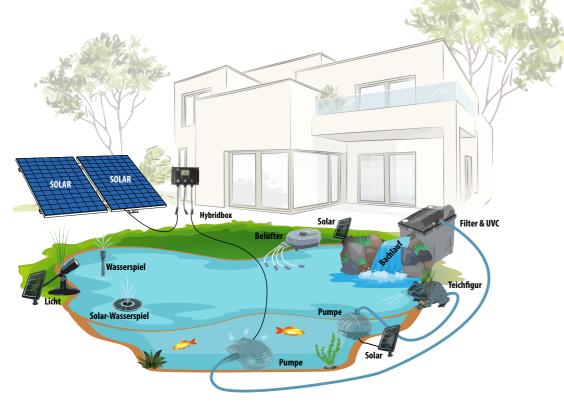
Solar decoration p. 56

# **SOLAR** water feature pumps



# All powered by the sun!

- UVC pond clarifier
- Pond aerator
- Pond lighting
- Stream
- Water feature
- Pond figure
- Hybrid control













SP610-00	
Output	approx. 610 l/h
Solar-Panel	approx. 10 W / 17,5 V
Discharge head	bis 1,7 m
LxWxH	10 x 7 x 6 cm
Cable length	5 m
PU	4
EAN	4 006873 394235

pump set incl. LED 750 l/h

Incl. 2 water feature attachments







Low-wear brushless drive



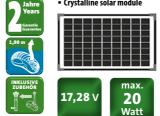




SP760-L	
Output	approx. 750 l/h
Solar-Panel	approx. 17,5 W / 12 V
Discharge head	approx. 2,00 m
LxWxH	10 x 7 x 6 cm
Cable length	5 m
PU	1
EAN	4 006873 414728

**SOLAR** pump set

1300 l/h











Low-wear brushless drive









SP1000-00	
Output	approx. 1300 l/h
Solar-Panel	17 V / 20 W
Discharge head	(17 V) approx. 1,90 m
Spraying height	(17 V) bis 60 cm
LxWxH	12,3 x 8 x 10 cm
Hose connection	13 / 19 / 25 mm
PU	1
EAN	4 006873 397922

46 HEISSNER – Wasser, Licht & Leben

# **SOLAR** water feature pumps



approx. 250 l/h

max. 1,5 W / 10 V

approx. 1,20 m

5,2 x 3,7 x 2,8 cm



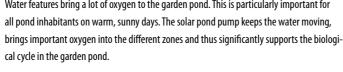
# Sustainable, efficient, enchanting: Our solar technology makes your pond shine!

Advantages of solar technology:

- Environmentally friendly by using solar energy
- · Long-term cost savings through the use of free solar energy
- Independent of the power grid, no complex power supply required
- Safe low-voltage technology with direct current voltage < 24 volts

Water features bring a lot of oxygen to the garden pond. This is particularly important for all pond inhabitants on warm, sunny days. The solar pond pump keeps the water moving, brings important oxygen into the different zones and thus significantly supports the biologi-

### Helpful side effect:



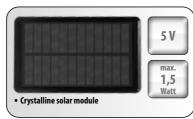
### 150 l/h **SOLAR** pump et

- 7 different water features
- Incl. ground spike for solar panel
- 2 pcs. Extension riser pipe









SP150-00	
Output	approx. 150 l/h
Solar panel	max. 1,5 W / 5 V
Discharge head	approx. 0,80 m
Pump: L x W x H	5,2 x 3,7 x 2,8 cm
Cable length	5 m
PU	6
EAN	4 006873 429548



**SOLAR** pump et

· Incl. ground spike for solar panel

7 different water features

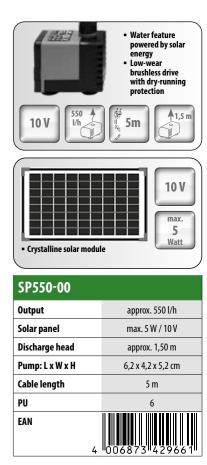
· 2 pcs. Extension riser pipe

NEW!









# **SOLAR** pond pump sets



Tilt compensation

• Uses the power of the sun and supplements

it with mains electricity!

• 18V power supply included

• including 3 water features





Adjustable figure connection

1/2'' = 13mm









**SOLAR** filter & stream pump set **NEW!** 





# **SOLAR** pond pump set HYBRID **NEW!**





- Complete Set: • Water feature pump
- Solar module
- Power adapter
- Hybrid box



Hybrid box:

solar power



The hybrid box ensures 24-hour continuous operation: in the sun with free





1500 l/h

# • Pumps with dry running protection

• 5 m connection cable

Easy to open





ТҮРЕ	SPB3000	SPB5000	
Output	3.500 l/h	4.900 l/h	
Watt	15 W 30 W		
Discharge head	approx. 2,10 m approx. 2,90 m		
Dirt feed-through	up to 6 mm		
LxWxH	33 x 24 x 15 cm 33 x 24 x 15 cm		
Hose connection	1" - 25 mm   1 1/4" - 32 mm   1 1/2" - 38 mm		
Suction side	Thread 1"	Thread 1 1/2"	
PU	2	2	
EAN	4 004873 4 20739	4 006873 429746	

TYPE	SPB3000	SPB5000	
Output	3.500 l/h	4.900 l/h	
Watt	15 W	30 W	
Discharge head	approx. 2,10 m approx. 2,90 m		
Dirt feed-through	up to 6 mm		
LxWxH	33 x 24 x 15 cm 33 x 24 x 15 c		
Hose connection	1" - 25 mm   1 1/4" - 32 mm   1 1/2" - 38 mm		
Suction side	Thread 1" Thread 1 1/2"		
PU	2 2		
EAN	4 006873 429739	4 006873 429746	

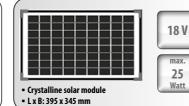
# SPW1100-00

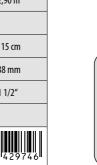




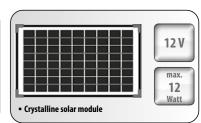












51

3500 - 4900 l/h

adjustable

1 1/2" - 38 mm

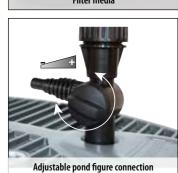
50 HEISSNER – Wasser, Licht & Leben

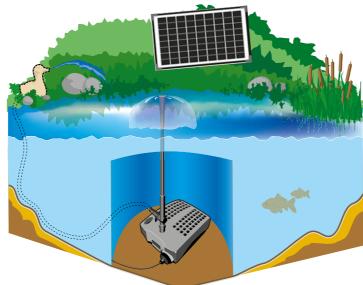
# **SOLAR Underwater filter set**

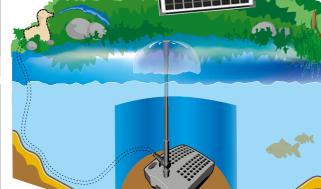












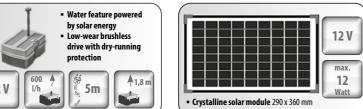
**NEW!** 

- **SOLAR** underwater filter set • For ponds up to 1m³
- Powered by solar energy
- Incl. UVC clarifier 5 W
- 2 different water features • 230 V power supply for operation outside of sunshine hours



















**SOLAR** gravitation filter set

**SOLAR** gravity filter set





Hose & connection accessories

# **SOLAR** water feature pumps

**SOLAR pond aerator + Floating LED Lights** 

Ideal for garden pond, pools, bird baths, fountain bowls, and much more.

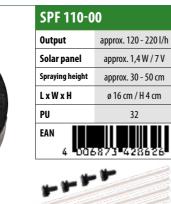
# Floating **SOLAR** Island

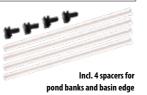














# Floating **SOLAR** island incl. LED

**\* \* \* \* \* \* \*** 

• with coloured LED lighting

with 7 different water features

- with dry-running protection shut-down
- 900mAh battery
- When darkness falls, LED light automatically switches on

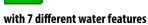




























# 120 l/h

120 l/h

SPF130-00		
Output	approx. 120 - 220 l/h	
Solar panel approx. 3 W / 7 V		
Spraying height	approx. 30 - 50 cm	
LxWxH	ø 16 cm / H 4 cm	
PU	32	
EAN 4 DO6873 428633		





# Floating SOLAR island

with 2 water features with water lily leaf

• with netting bag for fixing in place in the garden pond





150 17 11	
SPF150-00	
approx. 150 l/h	
approx. 1,5 W / 6 V	
approx. 30 cm	
ø 29 cm / H 6 cm	
6	
EAN 4 006873 398486	

150 l/h



# OUTDOOR SOLAR pond aerator 200 l/h



# OUTDOOR SOLAR pond aerator 600 l/h

5x 3 m hose

• 5x 120 l/h = 600 l/h









# Floating LED Spherical Lights - Set of 3

- Housing watertight and floatable
- For each sphere, 1 multi-coloured LED with gentle colour change
- · Integrated day and night sensor
- High-quality solar panel with replaceable battery
- Maximal light ON time up to 8 hrs. if fully charged
- Including ground stakes for flexible placement in the garden
- For outdoor use with on and off switch





Burn time	max. approx. 8 h
Incl. battery + solar module	0,06 W / 1,2 V AA 300 mAl
Solar modul	3 v / 17 mA
Diameter	11,5 cm
PU	6
EAN 4	006873 409106



54 HEISSNER – Wasser, Licht & Leben 55

# **SOLAR** decoration

# **SOLAR LED pond- & gardenlight NEW!**

- Waterproof spots (IP68)
- Mains-independent battery operation
- Solar module with 3m connection cable
- Up to 8 hours of lighting time
- Color: RGB
- 7 colors freely selectable at the push of a button

### Included:

- 3x LED spot
- 3x ground spike
- 1x solar panel

### Switch BackPage Panel:















# **SOLAR** pond figure frog

### Complete set:

- Pond pump
- Pond figure
- Solar module with ground spike
- Connection hose



ТҮРЕ	SSP3245-00	
For ponds	up to 4.000 L	
Output	200 l/h	
Watt	2,5 W	
Hose	10 m	
<b>L x W x H</b> 44 x 22 x 12 cm		
PU 2		
EAN		
4 <b>"</b> 0	06873 <b>"</b> 429586"	











# Set of 3

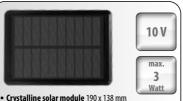














# POND CARE









Pond nets p. 62



Pond-care products



Pond gloves

p. 66

# Pond sludge vacs

# Pond sludge vacs

# Overview of pond sludge vacs













# Accessory set for F638P "Non-Stop"

- · Consisting of:
- Pond vac nozzle attachment with 10m suction hose
- Pond floor net (aluminium)
- Pond surface net (aluminium)
- Increased working radius (3 metre reach/depth)
- · Perfect for large ponds, swimming ponds and pools

TYPE	ZF640-00
PU	4
EAN 4	006873 423980





# Pond sludge vac F636-PXC "Power X-Change"

- ideal for cleaning small ponds, pools, paddling pools and much more.
- Cordless pond silt vacuum cleaner with 36V battery operation perfect for gardens without a power connection
- Can be used as a wet or dry cleaner
- Self-emptying
- Including dirt collection bag
- Automatic function (30 sec. timer)
- 500 Watt power, 3000l/h, 15 Kpa
- Accessories: 4 pipes, 3 nozzles, 4 m suction hose, 1.5 m outlet hose
- The battery and charger are not included in the scope of delivery



TYPE

Pond size

Suction performan

**Working depth** 

Tank capacity

LxWxH



F636-PXC

5 m<sup>2</sup>

550 W

max. 180 cm

35 Liter

40 x 40 x 60 cm













Wireless freedom

Wet-dry vacuum cleaner

ldeal for ponds and pools

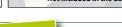
Including 3 nozzles

Incl. accessories











# One battery - a thousand possibilities

### multifunctional battery for over 200 devices

- Wireless freedom with maximum power
- 5 battery sizes
- Versatile: garden lighting, pond pumps, Pond and pool cleaners, pond aerators

Two 18 V batteries are required to operate the F636-PXC. The battery life depends on the size of the selected batteries.

Battery size	3.0 Ah	4.0 Ah	5.2 Ah	6.0 Ah
AUTOMATIC operation	30 min	40 min	50 min	60 min
PERMANENT operation	15 min	20 min	25 min	30 min



Pond Care Pond Care

# Pond sludge vac

# Pond sludge vac F635N "Basic"

- Including filter bag
- Automatic function (30 sec. timer)
- 50L/sek 18 Kpa
- Accessories:
- 4 pipes
- 3 nozzles
- 4 m suction hose
- 1.5 m outlet hose
- 4.5m power cord









ТҮР	F635N-00 PU: 18
Pond size	5 m <sup>2</sup>
Output	1250 - 1400 W
Suction performance	max. 3000 l/h
Working depth	max. 180 cm
Tank capacity	35 Liter
LxWxH	40 x 40 x 58 cm
EAN 4 006	<b>11</b>







# Pond sludge vacs

# Pond sludge vac F638P "Non-Stop"

Permanent function with vacuum pump and integrated dirty water pump

50L/sec – 18 kPa (18 kilopascals = 0.18 bar)

Accessories: 4 pipes, 3 nozzles, 4 m suction hose, 1.5 m outflow hose,
 accessories holder, fine-filter catcher bag with quick-empty, 4.5 m mains cable







Interruption-free cleaning:

"Non-Stop" and "Perfect" for garden pond and pool











60 HEISSNER – water, light, & life

EAN

Pond cleaner set 3+1

• Algae and leaf net 36 x 36 cm

• Surface cleaner round ø 36 cm

• Telescopic shaft 55 - 150 cm

• Algae brush 13 cm

**Pond nets** 

# Pond tools

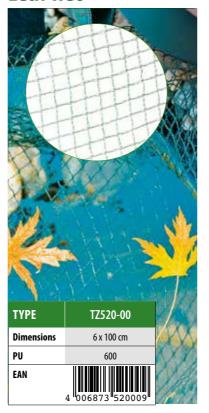


# Algea brush



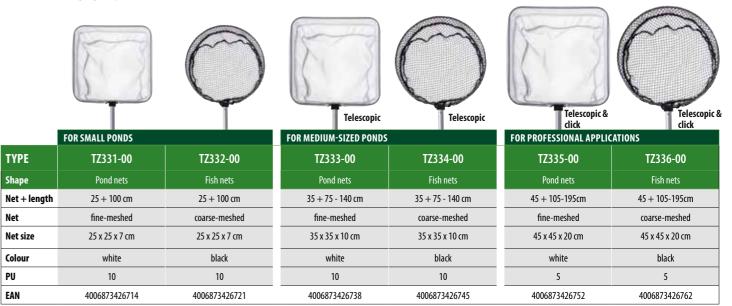
Sec. 188			
TYPE	TZ325-00		
Info	• with telescopic shaft • sturdy hook • brush can be changed		
Shaft length	135 - 230 cm		
PU	10		
EAN	4 006873 398943		

# **Leaf net**



# Pond nets coarse-meshed (8mm) catch & relocate fish also for leaves & coarse dirt super fine-pored (0.3mm) particularly tearproof removes algae & suspended matter





# Dip net display





# **Pond care products**



# 5 Products to fully cover the requirements for pond care

### **POND CURE IDEAL**

### Makes your pond fit for the season

- Turns tap water into pond water
- · Creates ideal pond water values
- Adds valuable minerals
- Increases carbonate and total hardness
- Stabilises the pH value
- Enhances biological self-cleaning capacity
- Helps in the event of overdosage with anti-algae agents

Granulate mixture optimises and conditions the garden pond for first filling, changing of water, annual start of season, fighting algae or if there is a recognisable lack of pond vitality.

### HP:

From time to time test the carbonate hardness in the garden pond (e.g. with QUICK-TEST 6in1, item TZ791-00). If the carbonate hardness value is below  $6^{\circ}\text{dH}$  it is recommended to repeat the addition of POND CURE IDEAL.

ТҮРЕ	TZ751-00		
Contents	1,000g / for up to 12m³ pond water		
PU	4		
EAN	4 006873 428572		



### **FILTER & STARTER BACTERIA**

# For even better breaking down of dirt in garden ponds and pond filters

- Improves the results of all pond filters
- Changes tap water into pond water
- Breaks down sludge on the pond floor
- Reduces unpleasant smells
- Brown sludgy water becomes clear again
- Long-lasting effect

Liquid concentrate for enriching the water with especially important and helpful strains of bacteria and thus for producing and improving the required pond biology. Self-cleaning processes and pollutant decomposition are restarted and/or improved by regular addition of bacteria.

### TIP

When first filling and at the start of each pond season use FILTER & STARTER BACTERIA and add small quantities at intervals of approx. 3 weeks. You will receive visibly clear and better results.

TYPE	TZ755-00		
Contents	1,000ml / for up to 12m³ pond water		
PU	4		
EAN	4 006873 428619		



### **GREEN WATER CLARIFIER**

### Fights almost all kinds of algae in the pond

- Turns green water clear again
- Easy to use
- Free of copper sulphate and other heavy metals
- With time-release

Liquid concentrate for killing almost all floating algae and thus for sustained prevention of green, cloudy pond water. The floating algae slowly die off and the water becomes increasingly clearer.

### TIP:

24 hours before attacking algae, fortify the garden pond with POND CURE IDEAL. The increased carbonate hardness and total hardness stabilises the pH value and enhances the pond's self-cleaning capacity. This way you will achieve even better results.

Use biocides with care!

Before use, always read label and product information.

Detailed instructions for use enclosed.

TYPE	TZ753-00		
Contents	1,000ml / for up to 12m³ pond water		
PU	4		
EAN	4 006873 428596		



### THREAD ALGAE EX

### Helps immediately against thread algae

Clear and healthy pond water

- Fights thread algae quickly and effectively
- With visible effect upon contact
- Can be used in a localised, targeted way

Granulate mixture for targeted, local combating of thread algae. Starts to take effect immediately upon contact with the strewn algae. Algae come loose, die off and are washed up.

The bonus: leaves and sludge on the bottom of the pond are also broken down more quickly.

### TIE

For a lasting result 2 days after use, mix POND CLEAR PLUS into the pond water, in order to bind cloudiness-causing materials and released phosphates.

Use biocides with care!

Before use, always read label and product information.

Detailed instructions for use enclosed.

TYPE	TZ752-00		
Contents	1,000g / for up to 12m³ pond water		
PU	4		
EAN	4 -006873 -428589		



### **POND CLEAR "PLUS"**

### For crystal clear water in the garden pond

- Makes cloudy pond water clear again fast!
- Binds clouding materials (dust, pollen, dead organic substances)
- Isolates phosphate and helps prevent new cloudiness
- Not recommended for fighting algae

Liquid concentrate makes dirt particles clump together in a few hours and stick to each other, so that they can be easily removed with a fine-meshed pond net, skimmer, or pond-sludge suction cleaner.

The bonus: Highly-efficient active substances isolate free phosphate in the garden pond.

### TIP:

24 hours before use, fortify your garden pond with POND CURE IDEAL. The increased carbonate hardness and total hardness stabilises the pH value and enhances the pond's self-cleaning capacity. This way you will achieve even better results.

TYPE	TZ754-00		
Contents	600g / for up to 12m³ pond water		
PU	4		
EAN	4 006873 428602		



### **Pond Care Centre**

### Contents 20 bottles of each variety

- 20 x Pond Cure Ideal 1,000g
- 20 x Green Water Clarifier 1,000ml
- 20 x Filter & Pond Starter Bacteria 1,000ml
- 20 x Pond Clear "Plus" 1,000ml20 x Thread Algae Ex 1,000g

TYPE WMT-751

Display with topper, unfilled





# **POS** presentation

# **Quick Test 6in1**

The 6 most important pond values: pH, GH, KH, CL, NO2, NO3

Test strips to check the water values in only a minute. The results indicate whether a value is unusual and corrective measures should be taken.

ТҮРЕ	TZ791-00	
Contents	50strips	
PU	8	
EAN	4006873403227	

**Zeolith** 

• Ideal as filter material • Free of added copper • Overdosing harmless

EAN



F110-00 incl. bacteria culture

# **Pond gloves**



- robust PVC protective glove with reinforced, non-slip palm
- welded-on cuff and elasticated at upper end for better fit
- cotton layer inside for greater comfort
- 70%PVC / 30% cotton











• Can be regeneral • Absolutely safe	ated at the end of the for fish	pond season
ТҮРЕ	F110-00	
Contents	3 kg	
Enough for	6.000 L	ZEOLITH
PU	4	

TYPE	TZ392-00
Size	7 1/2   20,5cm Men: S   Women: M
Packing	2 pieces in PE bag
PU	6
EAN 4	006873 426776

TYPE	TZ393-00
Size	9   24cm
	Men: L   Women: XL
Packing	2 pieces in PE bag
PU	6
EAN	4 006873 426783

# **HEISSNER CLEAN** - special cleaner for pumps, filters and lights

• 500ml concentrate for 10L cleaning solution

4006873601104

- Descalers and cleaners
- for running units, UVC quartz glasses, Lamp glasses and fountains
- · for devices on ponds, fountains, pools and aquaria
- extends the lifetime of pumps
- increases the efficiency of UVC clarifiers



Cleaning could not be easier: mix 500ml of special cleaner with 9.5L of tap water and place the parts to be cleaned in it for 24 hours. Then rinse with plenty of drinking water and if necessary remove stubborn residues using an abrasive sponge. The cleaning solution must under no circumstances get into the biotope, but can instead be disposed of via the domestic sewage system.





ZP9001-00			
Contents	500 ml	Enough for	10 litres
PU	4	EAN 4 006	873 425014

### Characteristics:

"HEISSNER CLEAN Special Cleaner" reliably removes lime and other deposits within 24 hours. The product is free from chlorine and vinegar and is 100% biodegradable.

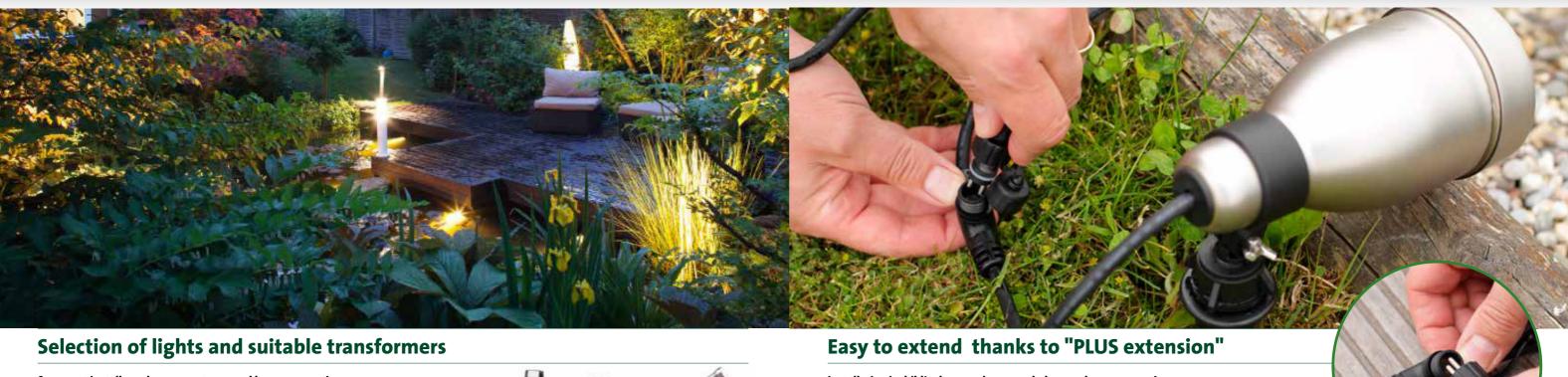






### **Smart Lights**

### **Smart Lights**



### So easy to install - and very easy to expand how you want!

### When using a light:

Connect a light to the 12-volt transformer and it's ready!

### If using several lights:

Each lamp has a "Plus" extension for optional continuation in series. You can expand the system as much as you want. Add up the power input (watts) of the individual lights and choose the closest higher transformer from the range. Of course, in addition to this, there are also distributors and extensions in the accessories range.









Thanks to the 3m connection cable and the "PLUS extension", the SMART LIGHTS lamps can be easily and quickly expanded to show your garden in the right light. If you have to cover larger distances, different extension cables are available in the range.



### Extensive accessories available (from page 12)







WiFi LED controller



Day/night sensor

### **Smart Lights**

### **Smart Lights**



### The system that can be controlled by app

### App with on/off, timer, dimmer and many light effects

As soon as coloured light (RGB) is installed, it is necessary to have an RGB controller to control it. This is available as a conventional version with handheld transmitter, or as WiFi with APP for every smartphone (los/Android)

The WiFi controller possesses 2 outputs:

- a) 2-pole, for all single-coloured lamps
- b) 4-pole, for controllable coloured lamps
- all adjustable by APP and remote control







WiFi LED controller - for RGB and warm white light control by APP

### **SMART LIGHTS-APP: Advantages and functions**



- Direct WiFi
- WLAN control
- Light control via microphone, music or camera
- Compatible with AMAZON alexa and Google Assistant

All videos and product information can be found here:

Info - Videos - Downloads www.smart-lights.info

















### SMARTLIGHTS APP available via:





73

**Smart Lights** 

### **Smart Lights**



### **Variable installation options for the lights**

### Universal thanks to plenty of features!

- Base for good stability under and above water
- Garden spike for good stability in the ground
- Wall/floor plate for screwing in
- Pump mounting clip for water fixtures









### **Technical data**

Item No.	Lumens	Watts	Volts	0-100%	T (Kelvin)	on/off	Life t (h)	LED changeable	Temperature	Hg	Beam angle	Complete set	Komplett-Se
L126-T	540 lm	4,8W/m	230V/12V	0,0 sec.	Multi-Colour	100.000 x	50.000 h	no	-20°C - + 40°C	0,0 mg	no	120°	•
L128-00	540 lm	4,8W/m	230V/12V	0,0 sec.	Multi-Colour	100.000 x	50.000 h	no	-20°C - + 40°C	0,0 mg		120°	
L309-00			3 x 1,5V	0,0 sec.	Multi-Colour	50.000 x	25.000 h	no	-4°C - + 35°C	0,0 mg		-	
L410-00	60 lm	1W	12V	0,0 sec.	2800K	100.000 x	20.000 h	no	-20°C - + 40°C	0,0 mg	G	45°	•
L411-00	60 lm	1W	12V	0,0 sec.	2800K	100.000 x	20.000 h	no	-20°C - + 40°C	0,0 mg	G	45°	
L414-00	320 lm	4W	12V	0,0 sec.	2800K	100.000 x	20.000 h	yes0	-20°C - + 40°C	0,0 mg	G	45°	
L419-00	500 lm	9W	12V	0,0 sec.	2800K	100.000 x	30.000 h	yes	-20°C - + 40°C	0,0 mg	G	120°	
L421-00	60 lm	1W	12V	0,0 sec.	2800K	100.000 x	20.000 h	yes	-20°C - + 40°C	0,0 mg	G	45°	
L424-00	340 lm	4W	12V	0,0 sec.	2800K	100.000 x	20.000 h	yes	-20°C - + 40°C	0,0 mg	G	45°	
L426-00	400 lm	6W	12V	0,0 sec.	2800K	100.000 x	30.000 h	yes	-20°C - + 40°C	0,0 mg	G	120°	
L433-00	85 lm	3W	12V	0,0 sec.	Multi-Colour	100.000 x	20.000 h	no	-20°C - + 40°C	0,0 mg		60°	
L439-00	210 lm	9W	12V	0,0 sec.	Multi-Colour	100.000 x	20.000 h	yes	-20°C - + 40°C	0,0 mg		60°	
L441-00	60 lm	1W	12V	0,0 sec.	2800K	100.000 x	20.000 h	no	-20°C - + 40°C	0,0 mg	G	45°	
L450-00	60 lm	1W	12V	0,0 sec.	2800K	100.000 x	30.000 h	no	-20°C - + 40°C	0,0 mg	G	60°	•
L451-00	60 lm	1W	12V	0,0 sec.	2800K	100.000 x	30.000 h	no	-20°C - + 40°C	0,0 mg	G	60°	
L453-00	150 lm	3W	12V	0,0 sec.	2800K	100.000 x	30.000 h	yes	-20°C - + 40°C	0,0 mg	G	60°	
L463-00	85 lm	3W	12V	0,0 sec.	Multi-Colour	100.000 x	20.000 h	no	-20°C - + 40°C	0,0 mg		60°	
L464-00	85 lm	3W	12V	0,0 sec.	Multi-Colour	100.000 x	20.000 h	no	-20°C - + 40°C	0,0 mg		60°	
L473-00	700 lm	7W	12V	0,0 sec.	3000K	100.000 x	20.000 h	no	-20°C - + 40°C	0,0 mg	G	360°	
L474-00	350 lm	4W	12V	0,0 sec.	3000K	100.000 x	20.000 h	no	-20°C - + 40°C	0,0 mg	G	120°	
L475-00	500 lm	5W	12V	0,0 sec.	3000K	100.000 x	20.000 h	no	-20°C - + 40°C	0,0 mg	G	120°	
L477-00	300 lm	3W	12V	0,0 sec.	3000K	100.000 x	20.000 h	no	-20°C - + 40°C	0,0 mg	G	360°	
L482-00	100 lm	2W	12V	0,0 sec.	3000K	100.000 x	20.000 h	no	-20°C - + 40°C	0,0 mg	G	120°	
L484-00	200 lm	4W	12V	0,0 sec.	3000K	100.000 x	20.000 h	no	-20°C - + 40°C	0,0 mg	G	120°	
L489-00	800 lm	25W	12V	0,0 sec.	Multi-Colour	100.000 x	50.000 h	no	-20°C - + 40°C	0,0 mg		120°	
L490-00	85 lm	3W	12V	0,0 sec.	Multi-Color	100.000 x	20.000 h	no	-20°C - + 40°C	0,0 mg		60°	•
U120-T	50 lm	1,5W	230V/12V	0,0 sec.	2800K	100.000 x	25.000 h	yes	-20°C - + 40°C	0,0 mg		35°	•
U130-T	50 lm	1,5W	230V/12V	0,0 sec.	2800K	100.000 x	25.000 h	yes	-20°C - + 40°C	0,0 mg		35°	•
U401-T	270 lm	3W	230V/12V	0,0 sec.	2700K	100.000 x	25.000 h	yes	-20°C - + 40°C	0,0 mg	G	35°	•
U403-T	270 lm	3W	230V/12V	0,0 sec.	2700K	100.000 x	25.000 h	yes	-20°C - + 40°C	0,0 mg	G	35°	•
U509-T	30 lm	0,6W	230V/12V	0,0 sec.	3100K	100.000 x	25.000 h	no	-4°C - + 35°C	0,0 mg		35°	•
W483-00	32 lm	1,2W	230V/12V	0,0 sec.	2700K	50.000 x	50.000 h	no	-20°C - + 40°C	0,0 mg		120°	•
W486-00	55 lm	3,5W	230V/12V	0,0 sec.	2700K	50.000 x	50.000 h	no	-20°C - + 40°C	0,0 mg		120°	•

### **SMART LIGHTS DISPLAY**



### Comparison chart: brightness of LED lights

1W / LED 65 lm ≈ 10W lightbulb

4W / LED 320 lm ≈ 30W lightbulb

6W / LED 400 lm ≈ 40W lightbulb

9W / LED 500 lm ≈ 50W lightbulb

### **SMART LIGHTS sample cases**

### WML-429

### Contents:

- L424-00 LED spot 4 watts
- L433-00 RGB LED spot 3 watts
- L451-00 Decklight
- L463-00 RGB recessed floor spot
- L441-00 Waterfall spot
- L552-00 Wifi RGB controller
- L512-00 Transformer 16 watts



Lights for the edges of pools and ponds

### Lights for the edges of pools and ponds



### SMART LIGHT - the light system for ponds, pools and gardens

There is a special magic in the garden at twilight, when ponds, pools and favourite corners are illuminated. Thanks to the new HEISSNER Smart Lights, a complete networking of lights is possible.

The entire lighting concept, regardless of whether it is above or under water, can be easily connected thanks to the 3m connection cable that each light has.

The smart lighting system can be easily controlled via an app.

A lighting system with endless possibilities — whether it be above or under water, pond and pool lights, integrated bottom lights, single or multi-coloured — and all easy to control via the app or by remote control. Intelligent ambience!

- High-quality metal housing or shatter-proof polypropylene in a sturdy design
- Spots with 4 assembly options
- Lights with 3m connection and "PLUS" expansion
- Sturdy rubber cable H05RN-F
- Underwater lights, sensors, distributors, plugs, transformers...
   are IP68-tested = waterproof!
- 12V low voltage can be used on and in water
- All lights either have warm white LED's (2800k) or are colour-changing (RGB)







### Starter Set "LED-Spots"

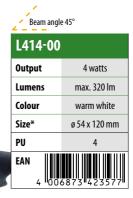




Beam angle 45°						
L411-00						
Output	1 watts					
Lumens	max. 65 lm					
Colour	warm white					
Size*	ø 30 x 70 mm					
PU	4					
<b>EAN</b> 4 000	6873 423560					











\* All dimensions are without base





### LED, waterfall & recessed floor spots

### **RGB** controller for colour control of lights max. load 60 watts

**LED-Spot - 3 watts** 



**LED spot - 9 watts** 



Waterfall spot - 1 watt Reamangle 45°



L441-00	
Output	1 watt
Lumens	max. 60 lm
Colour	warm white
Size*	ø 47 x 30 mm
PU	4
EAN 4 000	6873 423645



L551-00				
Output	max. 60 VA			
PU	4			
EAN 4 00	06873 423850			

**Function:** 

• ON / OFF

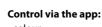
colour selection

brighter / darker





L552-0		
Output	max. 60 VA	Contro
PU	2	• colou
EAN 4	006873 423867	• timer • sound • light r







### Twilight sensor - 2-pole



### Transformers, controllers & accessories



### **Connection distributor - 2-pole**



### **Connection distributor - 4-pole**



### **Transformer**



L515-00					
Output	105 watts				
PU	2				
EAN 4 0	06873 423775				

### Extension cable - 2-pole



### **Extension cable - 4-pole**

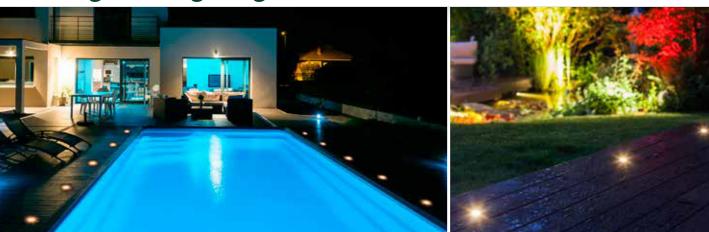


### **RGB** hose connection



**Pond & Garden Lighting** 

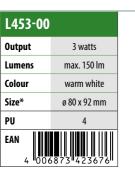
### **Pond & garden lighting**



### **Recessed floor spots**



Incl. installation socket H140 x ø 72mm and 3 m connection cable







3 watts

max. 25 - 85 lm

RGB

ø 80 x 72 mm

### Wall & Recessed Floor Lights 2 watts Recessed floor spot "Square"



Wall & recessed floor lights 4 watts





### **Pool recessed flood lamp RGB**



### **Facing covers**





L451-00

1 watts

max. 60 lm

warm white

ø 45 x 47 mm

Output

Colour



### **Decklights**



Required hole diameter: 38mm Cable: IN 200cm • OUT 15cm





U403-T

Watts

Lumens 270 lm

3 W

Pond & garden lighting

### Pond & garden lighting

- very low energy consumption thanks to high-power LED
- No heat development Incl. outdoor safety transformer
- Individually separable & expandable, incl. ground stakes for used in garden
- Compatible with other HEISSNER light items
- Can be used above and under water Very long service life





All sets on this page incl. transformer

### **Underwater LED spot**





U120-T	
Energy class	
Operating voltage	230 V / 12 V
WxH	6 x 7 cm
Output	1 x 1.5 W LED
Light	2,800 K warm white
Cable length	7 m
PU	4
EAN 4	006873 275381

### U120-T/U130-T Lumens 50 lm 1.5 W Watts Volts 12 V 0-100% (1) 0.0 sec. T (Kelvin) 2,800 K ON OFF 100,000 x Life t (h) 25,000 h G4 Ø 33mm 23mm -20°C **-**+40°C 0.0 mg 35° \*(Not dimmable)

### Underwater LED spot - SET of 3





U130-T	
Energy class	
Operating voltage	230 V / 12 V
WxH	6 x 7 cm
Output	3 x 1.5 W LED
Light	2,800 K warm white
Cable length	7 m
PU	2
EAN 4	006873 261353

### **Underwater LED ring**



	U509-1	
	Operating voltage	230 V / 12 V
	WxH	4.5 x 1.5 cm
	Output	2.5 W LED
	Light	warm white
	ø LED	30mm
	Cable length	10 m
	PU	6
	EAN 4	006873 285014

ø 30 mm - Ideal fo	r 32-bore stone fountains

U509-T	
Lumens	30 lm
Watts	0.6 W
Volts	12 V
0-100% 🕛	0.0 sec.
T (Kelvin)	3,100 K
ON OFF	100,000 x
Life t (h)	25,000 h
T	none
Ø	40mm
#	-4°C <b>=</b> +35°C
Hg	0.0 mg
	35°
<del>×</del>	(Not dimmable)
Incl. hose conn	ection

13mm (1/2") and 19mm (3/4")

Consumption: 1.5 kWh / 1,000 hrs

### LED pond and garden lights - set of 3 @C@



Individually separable - including ground stake	UTUJI	inci. transformer
, ,	Energy class	
	Operating voltage	230 V / 12 V
	WxH	7 x 11 cm
	Output	3 x 3 W LED
	Light	2,700 K warm white
	Cable length	7 m
	PU	2
Incl. ground stakes	EAN 4	006873 397953







### Decorative underwater LED strips - Many different possible applications in the garden or pond

- Economical energy consumption thanks to LED technology
- Protection type IP68 (permanently waterproof) with outdoor transformer IP44
- · Especially flexible for laying
- · Safe low-voltage technology
- Compatible with WiFi Controller L552-00, allowing control by APP with many additional functions.







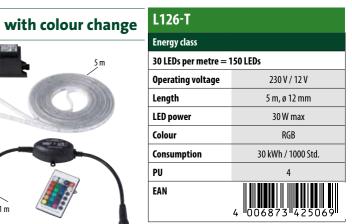
### With colour change:

- · Many functions (light colour, colour change, transition, speed)
- · Colour change with very many colour variants
- Easy to control by remote control
- 433 MHz / 30 metres range
- · Including transformer

Protection type IP68 Waterproof

Protection type IP68 Waterproof





### **Underwater LED strip**

5-metre expansion for SMART LIGHTS System



extension	L128-00			
	Energy class			
	30 LEDs per metre = 150 LEDs			
	Length	5 m, ø 12 mm		
	Colour	RGB		
	Consumption	30 kWh / 1000 Std.		
	PU	4		
	EAN			
		4 006873 425076		

Pond Lighting & Decoration Pond Lighting & Decoration

### Pond figures with spout function

### **Decorative pond figures**

Decorative waterspouts turn every garden pond into an experience.

### Advantages of the HEISSNER pond figures:

- Made of polyresin
- Incl. 1.5 m 13 mm hose (1/2")
- UV- and weather-resistant
- Frostproof and weatherproof



Tip:
A nice side-effect of pond
figures with a spout function is
that the garden pond receives
a portion of oxygen due to the
movement of water.













ТҮР	1 003232-00	2 003287-00	3 003245-00	4 003240-00	5 003246-00	6 003291-00
Bezeichnung	Frog Couple	Frog Band	Frog	Lazy Frog	Fish	Big Fish
Empf. Pumpe	P1400E-00	P2200E-00	P700E-00	P1400E-00	P700E-00	P700E-00
LxBxH	28 x 18 x 30 cm	39 x 16 x 30 cm	14 x 22 x 12 cm	20 x 19 x 30 cm	18 x 16 x 13 cm	43 x 18 x 29 cm
Colour	Stone grey	Copper	Bronze	Old copper	Bronze	Copper
VE	1	3	8	1	8	2
EAN	4 -006873 428701	4 006873 304173	4 006873 159018	4 -006873 428787	4 006873 159025	4 006873 397601



### **Pond plants**

### Water lily display

Decorative counter display.

### **Contents:**

- three attractive colours and sizes to choose from
- W x D x H: 60 x 40 x 40 cm incl. topper

Water lily whiteWater lily pinkWater lily yellow28 cm18 cm10 cm6 pieces18 pieces30 pieces

CAN ONLY BE ORDERED IN THE MIX DISPLAY!

VE 30 + 18 + 6 pieces Item No.: VSL1120-00



TYPE	VSL1120-00	
Name	Mix Display	
Contents	54 assorted pieces	
EAN	4 006873 423188	

### **Decorative pond plants (artificial)**

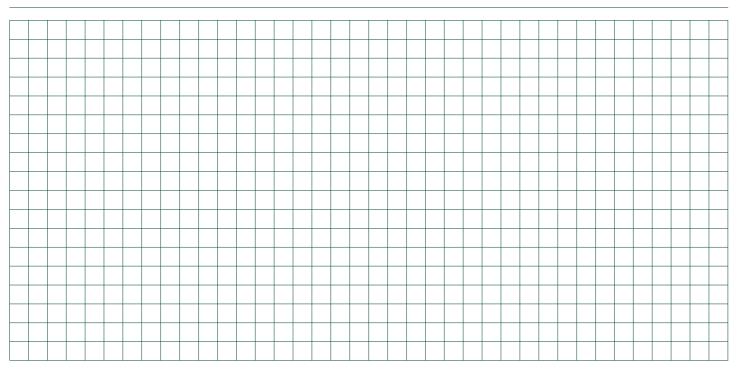


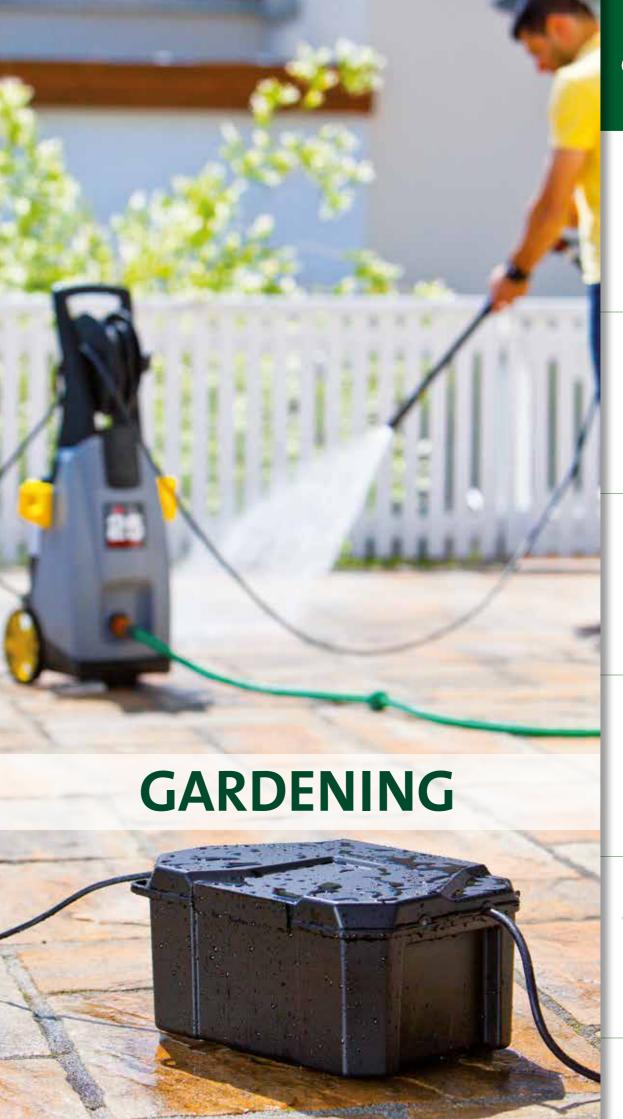




TYPE	1 001123-00	2 001122-00	3 001121-00
Name	Water lily yellow	Water lily pink	Water lily white
Height	10 cm	18 cm	28 cm
PU	30	18	6
EAN	4 006873 422983	4 006873 422976	4 006873 422969

### Notizen







Covering fleece p. 84



Fabric Tarpaulins p. 84



Lattice sheeting & Nets p. 85



Sales display p. 85



Garden
Power box p. 86

Gardening Gardening

### Garden rolled goods







### **Ground covering fleece "Weed Stop"**



Ideal for embankments, hedges, pond banks,paths, under wooden terraces, sandpits,...

- Strong weed fleece made of polypropylene for lasting protection against weeds
- Permeable for air, water and nutrients
- Soil and plant roots can breathe, while weeds are suppressed.
- Covered, it lasts up to 25 years
- Non-UV-resistant must be covered with e.g. bark mulch

### **Ground covering fleece "Root Stop"**



Ideal for embankments, hedges, pond banks, paths, under wooden terraces, sandpits,...

- Extra-strong weed fleece made of polypropylene for lasting protection even against stubborn weeds such as wildrye, horsetail, bearbind and ashweed
- Sufficient protection even against roots
- Permeable for air, water and nutrients
- Non-UV-resistant must be covered with e.g. bark mulch

### Fabric Tarpaulins



Ideal weed protection in vegetable patches, under paths, terraces and rockeries

- Longitudinal green lines at intervals of 20cm make it easier to place plants exactly in a line
- Protects subsoil against direct sunlight
- Prevents subsoil from drying too quickly, saves a lot of water
- Destroys weeds through light deprivation



Ideal as covering for wood, sandpits, barbecue, garden furniture, motorcycles and a lot more

- Edge reinforced left and right, with eyelets at 50cm intervals for easy fixing in place
- Universally usable, even after several years can be used again and again
- Extremely tearproof
- UV-stabilised









			A STREET, STRE	
ТҮРЕ	<b>1</b> GF311-00	<b>2</b> GF321-00	<b>3</b> GF332-00	<b>4</b> GF982-00
Name	Ground Covering Fleece "Weed Stop"	Ground Covering Fleece "Root Stop"	Subsoil Fabric	Fabric Tarpaulin without Eyelets
Dimensions	1 x 200 m = 200 m <sup>2</sup> black	1 x 100 m = 100 m <sup>2</sup> brown	2 x 100 m = 200 m <sup>2</sup>	2 x 100 m = 200 m <sup>2</sup>
Weight	50 g/m <sup>2</sup>	100 g/m²	90 g/m²	160 g/m²
Roll width	1 m	1 m	1 m	2 m
PU	200	100	200	200
EAN	4 006873 408505	4 006873 408512	4 006873 408345	006873 408376

### **Privacy Screen Fabric**



Ideal as privacy screen, sun protection and windbreak on garden fence & terrace

- Opaque
- Provides shade
- Reduces UV-radiation by up to 85%
- Also ideal as wind protection
- Edge hemmed on both sides
- With eyelets to fasten at intervals of 50cm

### **Lattice sheeting**



Ideal for greenhouses, polytunnels, cold frames and planting boxes

- Especially sturdy and tearproof
- Transparent film (highly light-permeable) with reinforcement in the form of a sturdy fabric mesh
- Reinforced nailing edge to facilitate assembly (will not tear out)
- Frost and hail-resistant
- Waterproof and washable

### **Bird protection net**



Ideal protection against birds - protects hedges, bushes and fruit trees

- Garden ponds: keeps leaves back and protects pond inhabitants against predators (e.g. herons,...)
- Keeps away leaves and birds
- Small mesh size: 13 x 13mm with even mesh appearance
- weather-resistant
- Can be used several times







TYPE	5 2-00	6 2-00	<b>7</b> Z530-00
Name	Privacy screen fabric	Lattice sheeting with nail edge	Bird protection net 13 x 13 mm
Dimensions	2 x 50 m = 100 m <sup>2</sup>	$2 \times 50 \text{ m} = 100 \text{ m}^2$	13 x 13 mm, 6 x 100 m = 600 m <sup>2</sup>
Weight	110 g/m²	260 g/m²	-
Roll width	1 m	2 m	0.8 m
PU	100	100	600
EAN 4 0	06873 408390	4 006873 408352	4 006873 408406

## 

**Garden Rolled Goods** 



### **Garden Power Box**

### **Garden Power Box**

### Unique and safe power distributor box!

- Provides enough space for plug strips, cables, timers, radio receivers, and a lot more.
- Very sturdy design, can take up to 80kg
- Lockable, therefore CHILDPROOF!
- Can be opened with one hand from above
- Can be buried and covered
- Protection type IP64 (dust-tight and protected against splashing water)
- Can also be used as hose box with water connection

### Almost limitless possible uses:

- · Garden lighting
- Christmas decorations / lights
- Garden pond (pump, filter, UVC, light, . . .)
- Pool (filter, cleaning, circulation, heating, . . .)
- Garden work (mower, trimmer, machines,...)

### **Applications:**

















### **TYPE** Z960-00 PU: 8 41 x 30 x 21 cm LxWxH EAN

# ...dry, clean, organised, safe!

### **Function Details:**











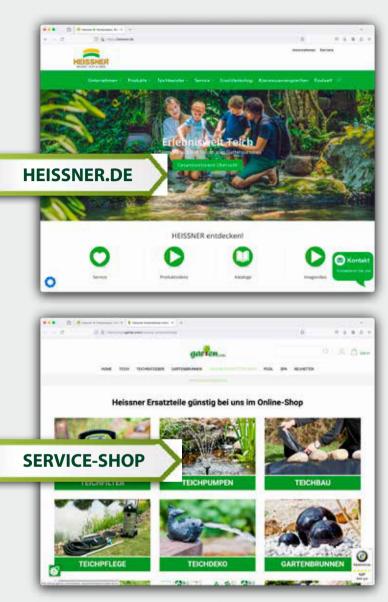








### **HEISSNER SERVICE**





### Under this hotline you will get help immediately.

For technical questions, or even with a complaint about one of our products, we provide a fault diagnosis and offer a solution.

### Pickup service:

A defective product within the warranty period will be collected by us. The repaired or replacement device will then be delivered free.







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### on www.heissner.de

you can find answers to most asked questions about watergardens







- Infos
- Manuals
- Product presentations



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