

Messner[®]
moves water...

The logo graphic consists of several curved, overlapping lines in red, orange, yellow, green, and blue, suggesting movement and water.

2014/2015







Contents

Messner-pump series 12 volts und 230 volts

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Pond Pump | Built-in Pump One-Q | One-Tec

Latest technical innovation by Messner

The new Messner pump series in 230V and 12V in a functional two-piece housing or as a built-in pump in Tec-Design.



Fields of Application

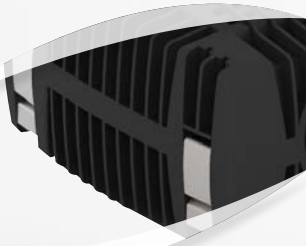
- ✓ Garden Ponds
- ✓ Koi Ponds
- ✓ Swimming Ponds
- ✓ Fountains



Pond Pumps One-Q



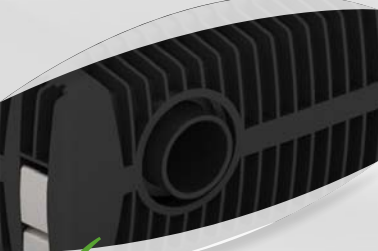
For an energy-optimized 24-hour operation



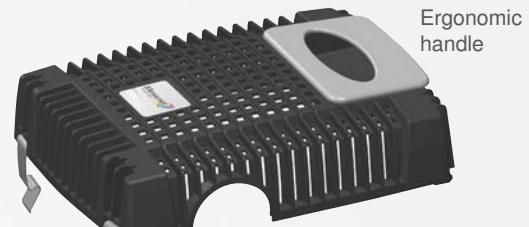
Robust 2-piece housing with 2-Clip mechanism



Distance grids to keep away leaves



Large-dimensioned connections

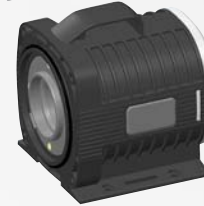


Ergonomic handle

2-Clip mechanism stainless steel

Removable rotor assembly with ceramic bearings guarantee continuous operation

Hydraulically optimized pump-housing

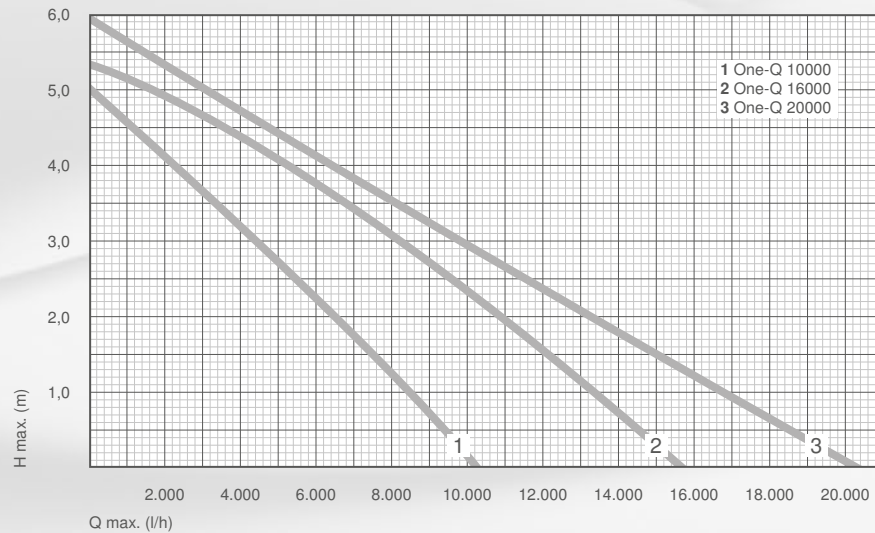


10 m cable H07

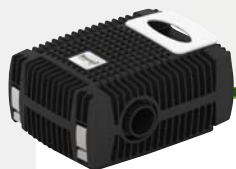
Thermal overload protection switch



Removable pre-filter cap, no tools required



Available from summer 2015



New

New

New

	One-Q 10000	One-Q 16000	One-Q 20000
	172 l/min 10.300 l/h	260 l/min 15.600 l/h	340 l/min 20.400 l/h
	5,00 m	5,30 m	6,00 m
	75 W	131 W	167 W
	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
	465 x 275 x 175	465 x 275 x 175	465 x 275 x 175
	G 2" - E	G 2" - E	G 2" - E
	G 2" - E	G 2" - E	G 2" - E
	Ø 50/63	Ø 50/63	Ø 50/63
Art.-No.	156 / 005140	156 / 005141	156 / 005142



* not including rotor unit (part subject to wear)



Scope of delivery



Built-in Pump One-Tec



For an energy-optimized
24-hour operation



Robust housing with high
functionality



Fast installation system

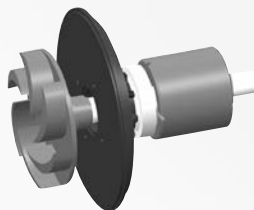


Large-dimensioned connections

Hydraulically optimized
pump-housing



Removable rotor
assembly with
ceramic bearings
guarantee continuous
operation

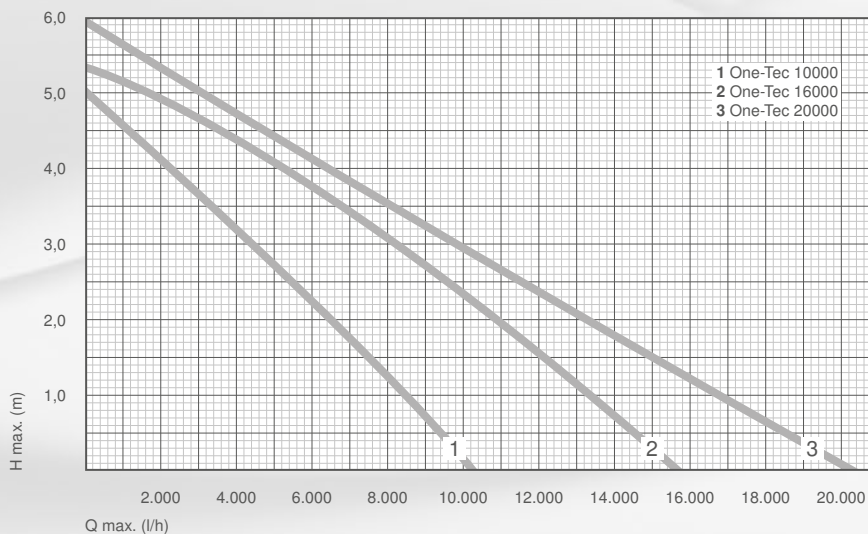


Ergonomic
handle



10 m cable H07

Thermal overload
protection switch



Available from summer 2015



New

New

New

	One-Tec 10000	One-Tec 16000	One-Tec 20000
	172 l/min 10.300 l/h	260 l/min 15.600 l/h	340 l/min 20.400 l/h
	5,00 m	5,30 m	6,00 m
	75 W	131 W	167 W
	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
	235 x 140 x 190	235 x 140 x 190	235 x 140 x 190
	G 2" - E	G 2" - E	G 2" - E
	G 2" - E	G 2" - E	G 2" - E
	Ø 50/63	Ø 50/63	Ø 50/63
Art.-No.	156 / 005145	156 / 005146	156 / 005147

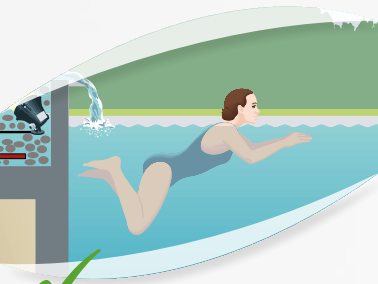


* not including rotor unit (part subject to wear)



Scope of delivery

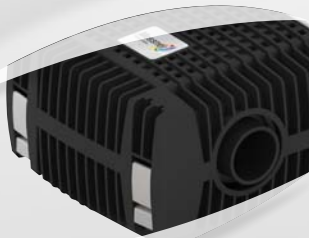




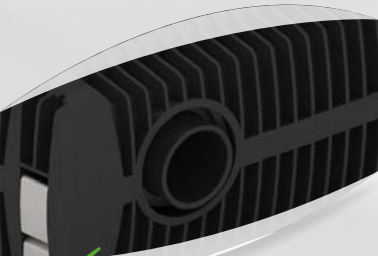
12 volts safety extra-low voltage, e.g. for swimming ponds



For an energy-optimized 24-hour operation

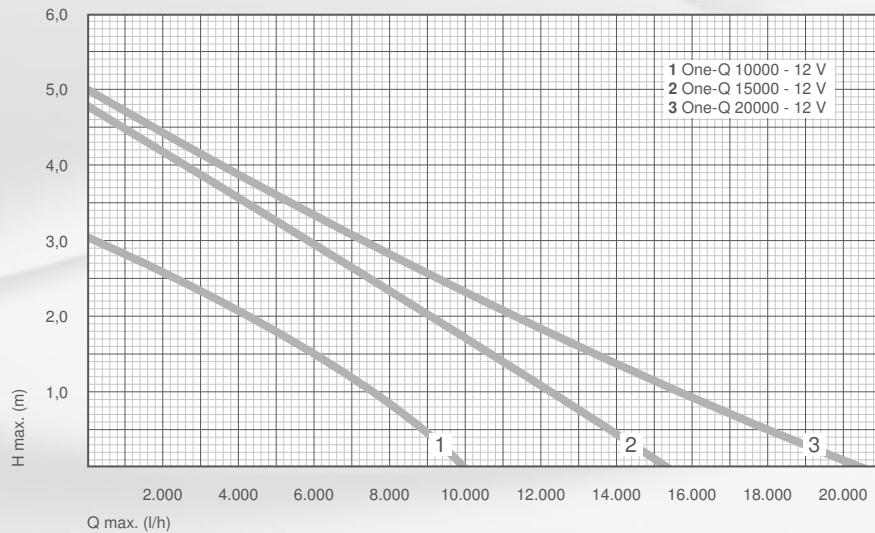
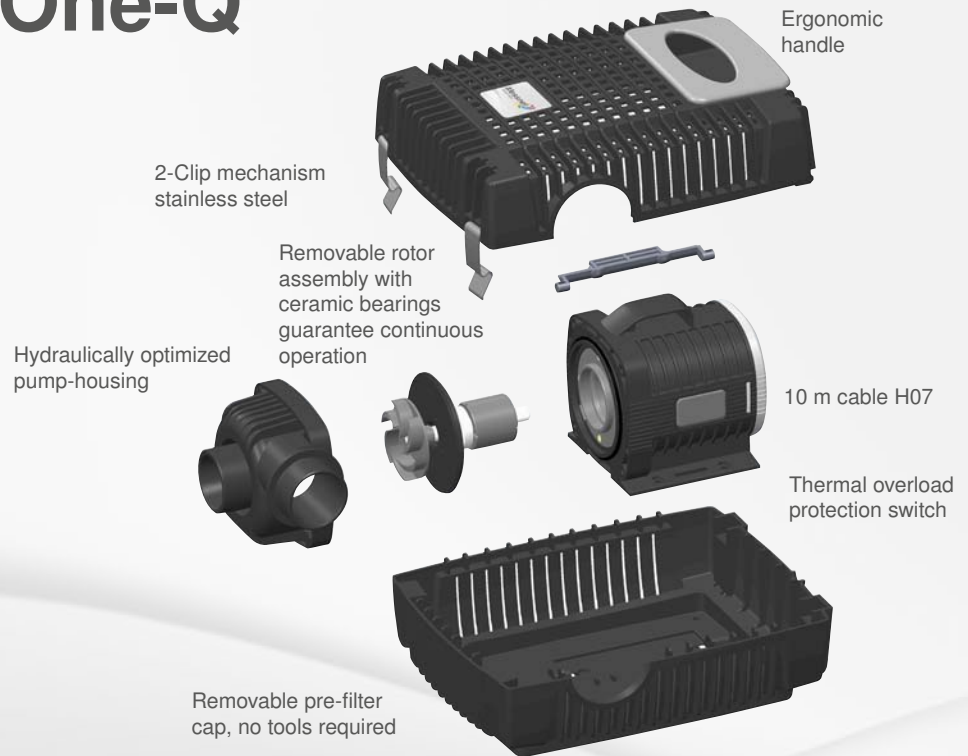


Robust 2-piece housing with 2-Clip mechanism

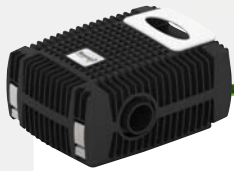


Large-dimensioned connections

12 volts Pond Pump One-Q



Available from summer 2015



New

New

New

	One-Q 10000 - 12 V	One-Q 15000 - 12 V	One-Q 20000 - 12 V
	167 l/min 10.000 l/h	255 l/min 15.300 l/h	342 l/min 20.500 l/h
	3,00 m	4,80 m	5,00 m
	110 W	160 W	205 W
	12 V ~ / 50 Hz	12 V ~ / 50 Hz	12 V ~ / 50 Hz
	465 x 275 x 175	465 x 275 x 175	465 x 275 x 175
	G 2" - E	G 2" - E	G 2" - E
	G 2" - E	G 2" - E	G 2" - E
	Ø 50/63	Ø 50/63	Ø 50/63
Art.-No.	186 / 005150	186 / 005151	186 / 005152



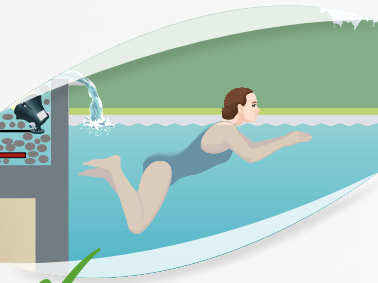
* not including rotor unit (part subject to wear)



Scope of delivery



12 volts Built-in Pump One-Tec



12 volts safety extra-low voltage, e.g. for swimming ponds



For an energy-optimized 24-hour operation

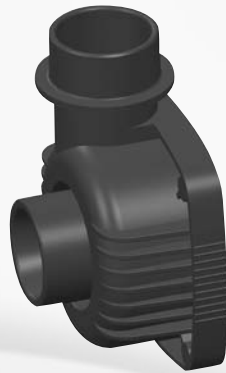


Fast installation system

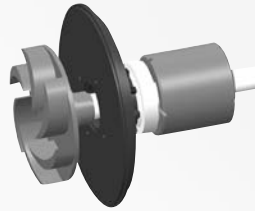


Large-dimensioned connections

Hydraulically optimized pump-housing



Removable rotor assembly with ceramic bearings guarantee continuous operation

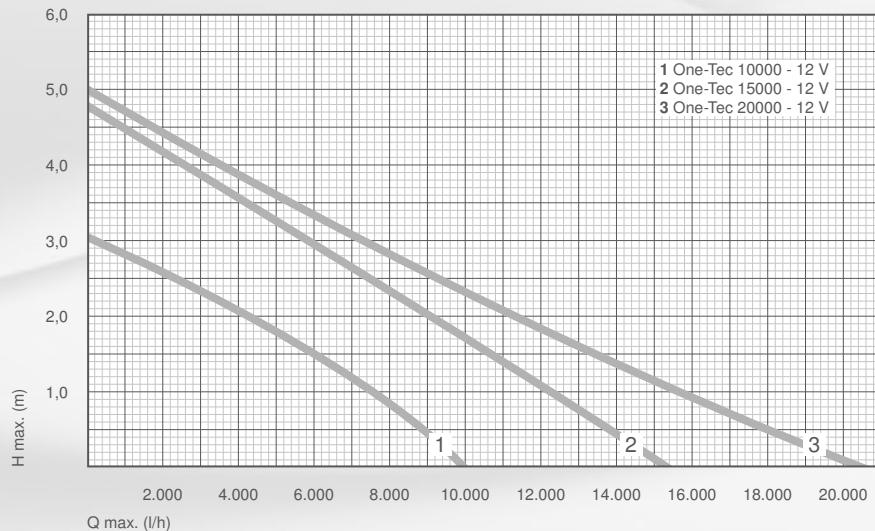


Ergonomic handle



10 m cable H07

Thermal overload protection switch



Available from summer 2015



New

New

New

	One-Tec 10000 - 12 V	One-Tec 15000 - 12 V	One-Tec 20000 - 12 V
	167 l/min 10.000 l/h	255 l/min 15.300 l/h	342 l/min 20.500 l/h
	3,00 m	4,80 m	5,00 m
	110 W	160 W	205 W
	12 V ~ / 50 Hz	12 V ~ / 50 Hz	12 V ~ / 50 Hz
	235 x 140 x 190	235 x 140 x 190	235 x 140 x 190
	G 2"- E	G 2"- E	G 2"- E
	G 2"- E	G 2"- E	G 2"- E
	Ø 50/63	Ø 50/63	Ø 50/63
Art.-No.	186 / 005155	186 / 005156	186 / 005157



* not including rotor unit (part subject to wear)



Scope of delivery



✓ **Electrical Safety**

✓ **Comfortable Operation**

✓ **Energy Management**





Energy management devices **e-ponding**[®]

The concept of Messner e-ponding[®]!

This is a new product world of Messner pond technology. Three energy-saving devices with different ranges of functions are dealing with the measurement and control of electrical consumers in and around the pond.

e-ponding[®] shows the energy consumption at the pond and it gives access to optimization potentials in the power-consumption of Messner pond devices at the pond.

Fields of Application

- ✓ Garden Ponds
- ✓ Koi Ponds
- ✓ Swimming Ponds
- ✓ Fountains

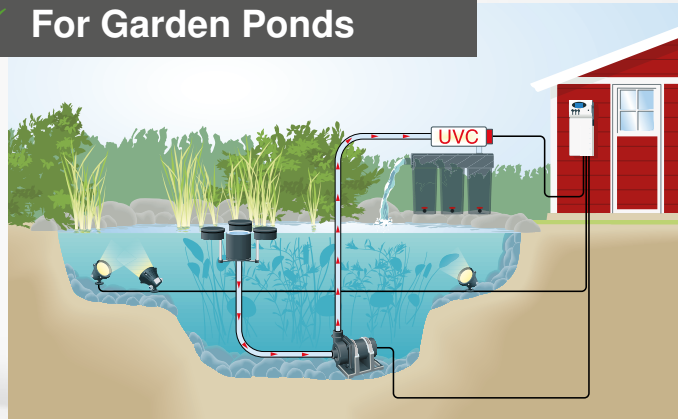




Energy management devices **e-ponding**[®]

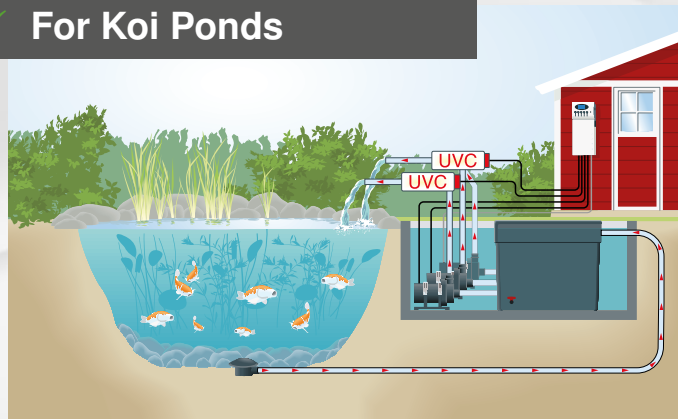
The Messner e-ponding[®] application worlds!

✓ For Garden Ponds



Comfortable and universal control of numerous consumers in the pond and in the garden

✓ For Koi Ponds



Reserve pump function and connection of pumps and UV-C for a redundant operation of koi pond filter systems

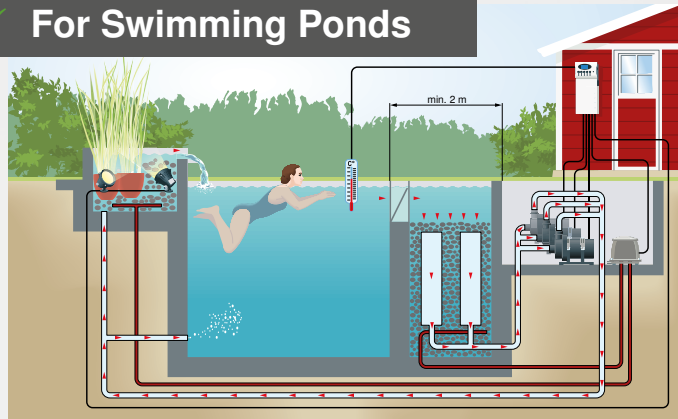




Energy management devices **e-ponding**[®]

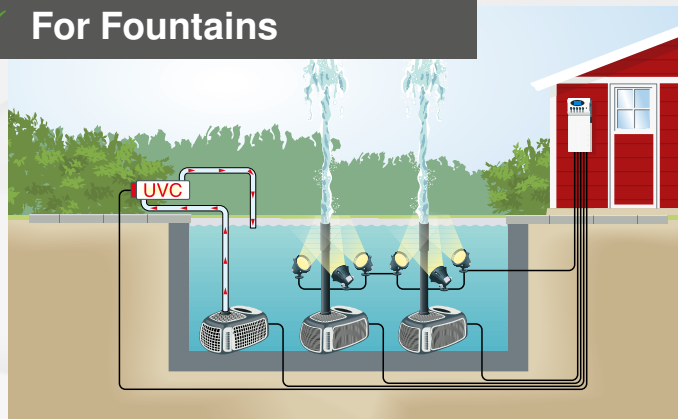
The Messner e-ponding[®] application worlds!

✓ For Swimming Ponds

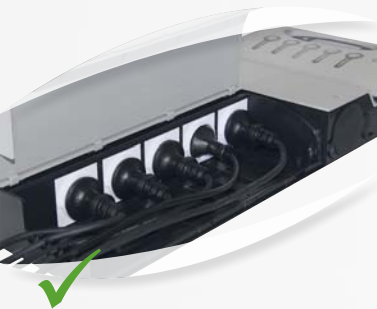


Temperature-controlled activation and deactivation of pumps for the energy optimization of swimming pond filter systems

✓ For Fountains



Continuous regulation of water plays and lighting systems in a modern garden



Electrical Safety



Comfortable Operation



Energy Management



Optional remote control
(for PondManager and PondManager plus)

Energy management devices **e-ponding**[®]

The Messner e-ponding[®] devices!

Common features for all models

Housing material high quality plastic glass fiber reinforced ABS

3600 W max. power consumption

350 W max. power consumption per controllable port

16 A connection protection (house side)

230 V voltage supply

IP X4 splashproof

Wall mounting

<5 W power consumption of the control electronics

3 m power cable

Dimensions 580 x 226 x 71,5 mm



Please find an overview of all suitable Messner pumps on pages 20-21

Further information and all current data is to be found on: www.e-ponding.com



Illustration scaled down



Features	PondControl	PondManager	PondManager plus
Connection for up to 3 or 5 consumers, 2 or 3 controllable ports (pumps)	3 / 0	5 / 2	5 / 3
Measurable & controllable energy consumption		✓	✓
1/2/3 eco mode		✓	✓
Energy consumption display: historical, current and forecast		✓	✓
Time-control separately for each connected consumer	✓	✓	✓
Clock function	✓	✓	✓
Operating hours counter		✓	✓
PumpGuard™ function for the controllable ports		✓	✓
Error memory		✓	✓
Standby function	✓	✓	✓
Soft-Stop-function		✓	✓
RCD		✓	✓
Temperature switch: Power control of 1 - 3 pumps			✓
Reserve pump function			✓
Twilight function („Day“ / „Night“)			✓
Art.-No.	168 / 006160	168 / 006161	168 / 006162



PondConnect RC

Optional remote control for PondManager and PondManager plus

Dimensions 80 x 25 x 160 mm

Art.-No. 168 / 006163



Range of Pumps

New

New

New

New

One-Q

One-Tec

One-Q - 12 V

One-Tec - 12 V

eco-X2

Fields of Application Pond Pump Built-in Pump Pond Pump Built-in Pump Pond Pump

Combinable with e-ponding® Concept

-

-

-

-



Waterfalls
Brooks



Operation of Filter
Circulation



Fountain Displays
Fountains

Swimming Ponds



Technical
Installations



10.300 - 20.400

10.300 - 20.400

10.000 - 20.500

10.000 - 20.500

4.900 - 19.600

l/h



5,00 - 6,00

5,00 - 6,00

3,00 - 5,00

3,00 - 5,00

3,10 - 5,80

m



75 - 167

75 - 167

110 - 205

110 - 205

48 - 205

watts



Catalogue Page

06

08

10

12

24

*not including rotor unit (part subjects to wear)



max. flow rate of pumps



power consumption



max. delivery height of pumps



supply voltage
230 V / 50 Hz



product dimensions



connection outlet



connection outlet










Messner Pumps



Messner e-ponding® Concept
(from page 14)



eco-X2 plus	eco-Tec2	eco-Tec2 plus	power-X2	power-Tec2	MultiSystem M	MultiSystem MP
Pond Pump	Built-in Pump	Built-in Pump	Fountain Pump	Built-in Pump	Pond Pump	Fountain Pump
✓	✓	✓	✓	✓	-	-
	✓				✓	
✓	✓	✓			✓	
			✓	✓	✓	✓
	✓	✓		✓	✓	✓
	✓	✓		✓	✓	✓
9.900 - 24.200	4.900 - 19.600	9.900 - 24.200	4.100 - 14.000	4.100 - 14.000	21.500 - 38.700	23.400 - 34.500
2,40 - 3,80	3,10 - 5,80	2,40 - 3,80	4,50 - 8,00	4,50 - 8,00	6,50 - 9,50	11,00 - 11,20
60 - 190	48 - 205	60 - 190	80 - 280	80 - 280	400 - 650	530 - 680
						
26	30	32	36	40	44	46



connection inlet



hose nozzle



warranty

G = thread
 G - I = Internal thread
 G - A = External thread





Pond Pump eco-X2 | eco-X2 plus

...and Nothing Else!

Energy saving pump of the second generation:
now with improved input-/output-rate.

Fields of Application

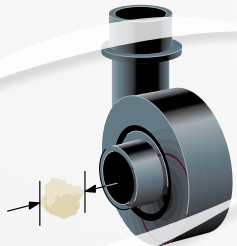
- ✓ Waterfalls
- ✓ Brooks
- ✓ Filter Operations
- ✓ Water Circulations



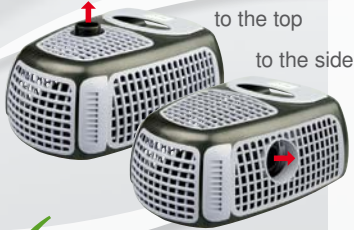
Pond Pump eco-X2



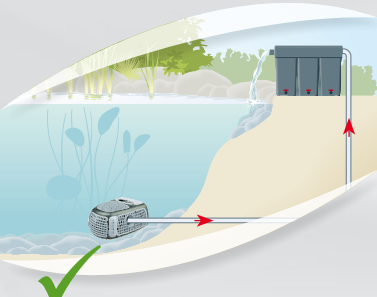
Energy saving:
patented impeller



Dirt particles in the water up to
8 mm grain size



Pressure connection
can be rotated by 90°



Optimal for filter operation



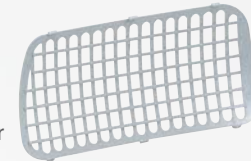
Ergonomic
handle

Assembly
clips



Assembly
clips

Filter housing with large
suction-surfaces for long
maintenance intervals



Removable rotor
assembly with
ceramic bearings
guarantee continuous
operation



10 m cable H07

Hydraulically optimized
pump-housing

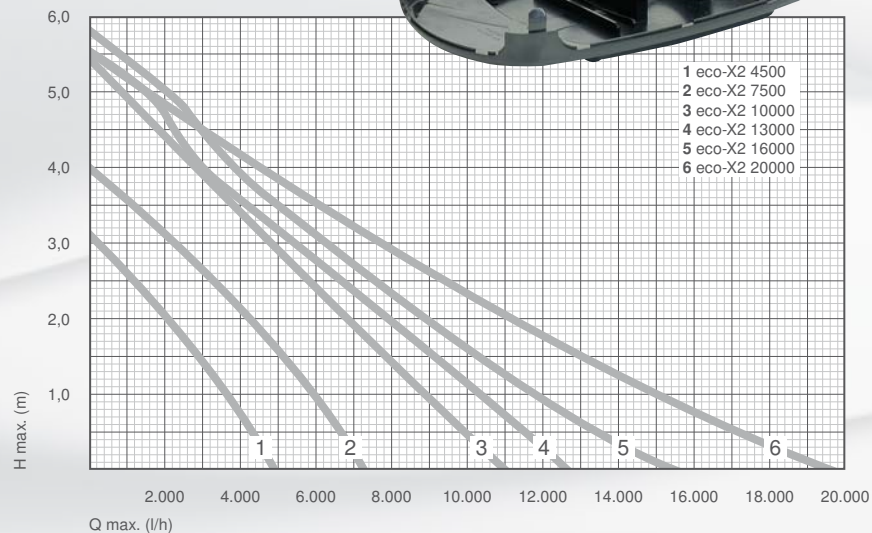


Stainless steel splitting
tube rotor



Thermal overload
protection switch

Removable pre-filter
cap, no tools required





Combinable with the **Messner e-ponding®** Concept (from page 14)



	eco-X2 4500	eco-X2 7500	eco-X2 10000	eco-X2 13000	eco-X2 16000	eco-X2 20000
	82 l/min 4.900 l/h	122 l/min 7.300 l/h	183 l/min 11.000 l/h	210 l/min 12.600 l/h	257 l/min 15.400 l/h	327 l/min 19.600 l/h
	3,10 m	4,00 m	5,40 m	5,50 m	5,80 m	5,50 m
	48 W	75 W	110 W	140 W	190 W	205 W
	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
	360 x 270 x 180	360 x 270 x 180	360 x 270 x 180	360 x 270 x 180	360 x 270 x 180	360 x 270 x 180
	G 1¼" - E	G 1¼" - E	G 1½" - E	G 1½" - E	G 1½" - E	G 2" - E
	G 1¼" - E	G 1¼" - E	G 1½" - E	G 1½" - E	G 1½" - E	G 2" - E
	Ø 32/40	Ø 32/40	Ø 40/50	Ø 40/50	Ø 40/50	Ø 50/63
Art.-No.	156 / 005000	156 / 005001	156 / 005002	156 / 005003	156 / 005004	156 / 005005



* not including rotor unit (part subject to wear)



Scope of delivery

eco-X2 4500
eco-X2 7500



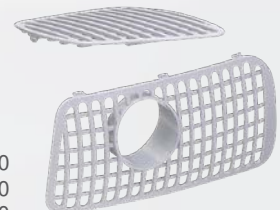
eco-X2 10000
eco-X2 13000
eco-X2 16000



eco-X2 20000



eco-X2 4500
eco-X2 7500
eco-X2 10000
eco-X2 13000
eco-X2 16000
eco-X2 20000

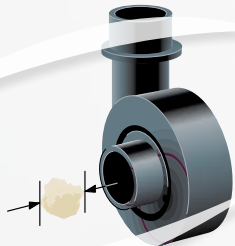


Messner
moves water...

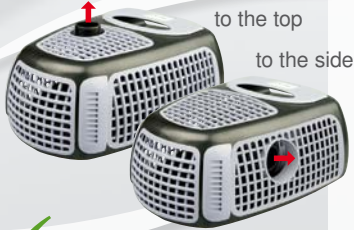
Pond Pump eco-X2 plus



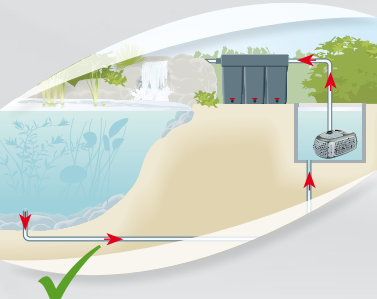
More circulation-power:
energy saving impeller



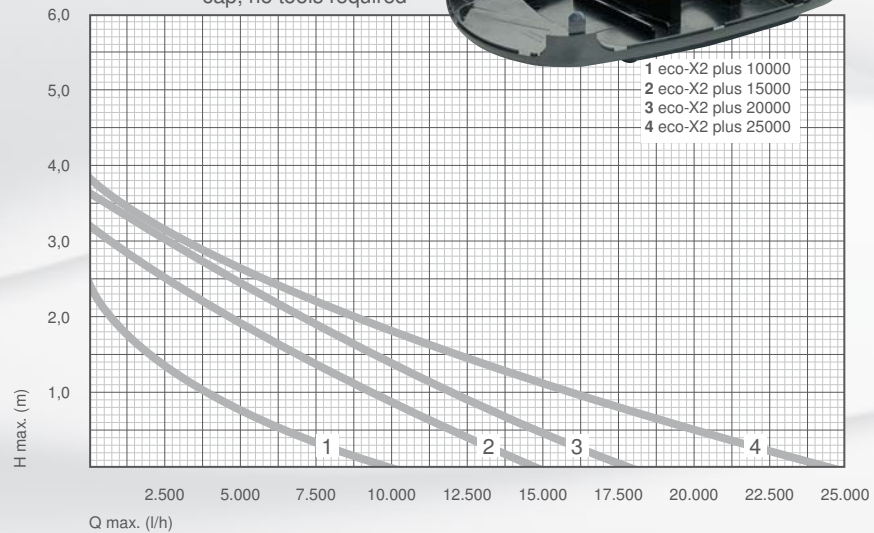
Dirt particles in the water up to
8 mm grain size



Pressure connection
can be rotated by 90°











Optimal for filter operation



New



	eco-X2 plus 10000	eco-X2 plus 15000	eco-X2 plus 20000	eco-X2 plus 25000
 max.	165 l/min 9.900 l/h	245 l/min 14.700 l/h	300 l/min 18.000 l/h	403 l/min 24.200 l/h
 max.	2,40 m	3,20 m	3,60 m	3,80 m
	60 W	105 W	155 W	190 W
	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
	360 x 270 x 180	360 x 270 x 180	360 x 270 x 180	360 x 270 x 180
	G 1½"- E	G 2"- E	G 2"- E	G 2"- E
	G 1½"- E	G 2"- E	G 2"- E	G 2"- E
	Ø 40/50	Ø 50/63	Ø 50/63	Ø 50/63
Art.-No.	156 / 005006	156 / 005007	156 / 005008	156 / 005009

**Accessories eco-X2 4500 - 20000
eco-X2 plus 10000 - 25000**

Speed Governor DS 350
Art.-No. 168 / 002974

For fine tuning of flow rate
for filter operation.



Cleaner for Pumps
Art.-No. 168 / 009115
1 liter

For cleaning of pumps, fittings
and underwater lighting.
100% biodegradable.



* not including rotor unit (part subject to wear)



Scope of delivery

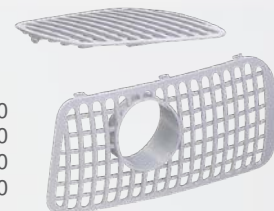
eco-X2 plus 10000



eco-X2 plus 15000
eco-X2 plus 20000
eco-X2 plus 25000



eco-X2 plus 10000
eco-X2 plus 15000
eco-X2 plus 20000
eco-X2 plus 25000







Built-in Pump eco-Tec2|eco-Tec2 plus

Minimized to the Maximum!

Energy-efficient built-in pump for the use with filters,
the operation of brooks as well as other applications.
with fixed stand for installation outside the pond.

Fields of Application

- ✓ Waterfalls
- ✓ Brooks
- ✓ Filter Operations
- ✓ Water Circulations
- ✓ Swimming Ponds
- ✓ Non-submersible Installation

Separate pre-filter required,
not within the scope of delivery



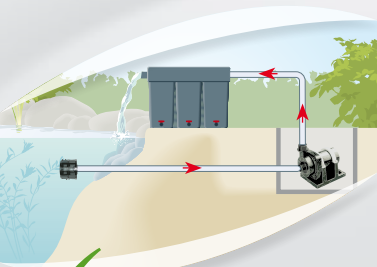
Built-in Pump eco-Tec2



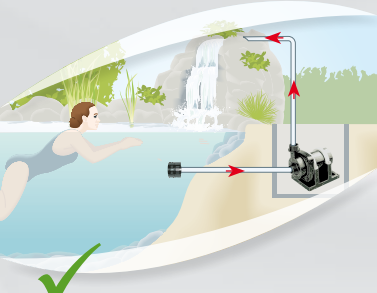
Energy saving:
patented impeller



Extremely quiet operation



Optimal for professional filter
operation



Certified for use at
swimming ponds

Pressure connection
can be rotated by 90°



Hydraulically optimized
pump-housing

Removable rotor
assembly with ceramic
bearings guarantee
continuous operation



Stainless steel splitting
tube rotor



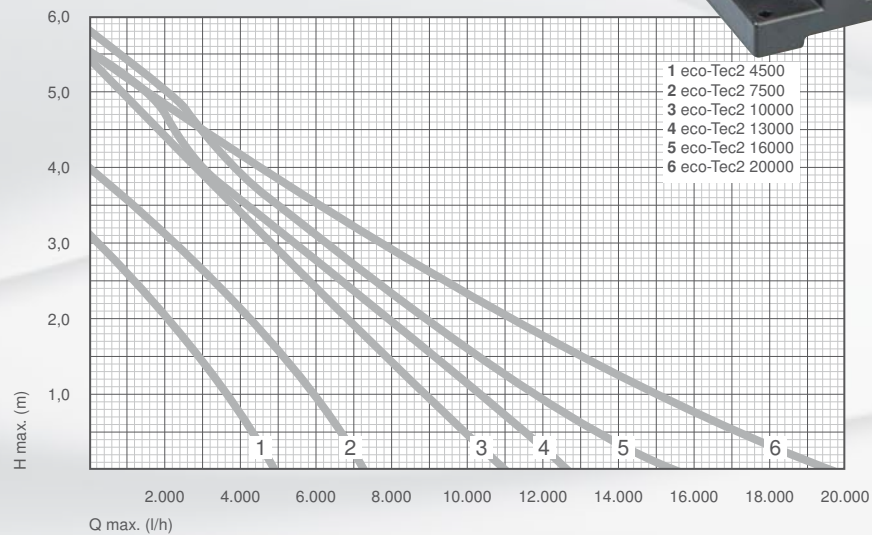
Clip

Thermal overload
protection switch



10 m cable H07

Functional
stand





Combinable with the **Messner e-ponding®** Concept (from page 14)



	eco-Tec2 4500	eco-Tec2 7500	eco-Tec2 10000	eco-Tec2 13000	eco-Tec2 16000	eco-Tec2 20000
	82 l/min 4.900 l/h	122 l/min 7.300 l/h	183 l/min 11.000 l/h	210 l/min 12.600 l/h	257 l/min 15.400 l/h	327 l/min 19.600 l/h
	3,10 m	4,00 m	5,40 m	5,50 m	5,80 m	5,50 m
	48 W	75 W	110 W	140 W	190 W	205 W
	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
	230 x 145 x 192	230 x 145 x 192	245 x 145 x 192	245 x 145 x 192	245 x 145 x 192	260 x 145 x 192
	G 1 1/4" - E	G 1 1/4" - E	G 1 1/2" - E	G 1 1/2" - E	G 1 1/2" - E	G 2" - E
	G 1 1/4" - E	G 1 1/4" - E	G 1 1/2" - E	G 1 1/2" - E	G 1 1/2" - E	G 2" - E
	Ø 32/40	Ø 32/40	Ø 40/50	Ø 40/50	Ø 40/50	Ø 50/63
Art.-No.	156 / 005020	156 / 005021	156 / 005022	156 / 005023	156 / 005024	156 / 005025



* not including rotor unit (part subject to wear)

Separate pre-filter required, not within the scope of delivery



Scope of delivery

eco-Tec2 4500
eco-Tec2 7500



eco-Tec2 10000
eco-Tec2 13000
eco-Tec2 16000



eco-Tec2 20000



Messner
moves water...

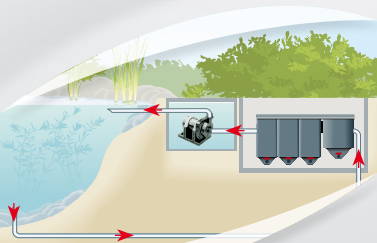
Built-in Pump eco-Tec2 plus



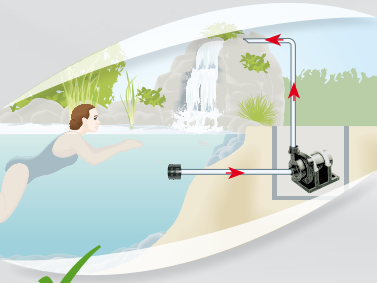
More circulation-power:
energy saving impeller



Extremely quiet operation



Especially suitable for
gravitational filters



Certified for use at
swimming ponds

Pressure connection
can be rotated by 90°



Hydraulically optimized
pump-housing

Removable rotor
assembly with
ceramic bearings
guarantee continuous
operation



Stainless steel splitting
tube rotor

Clip

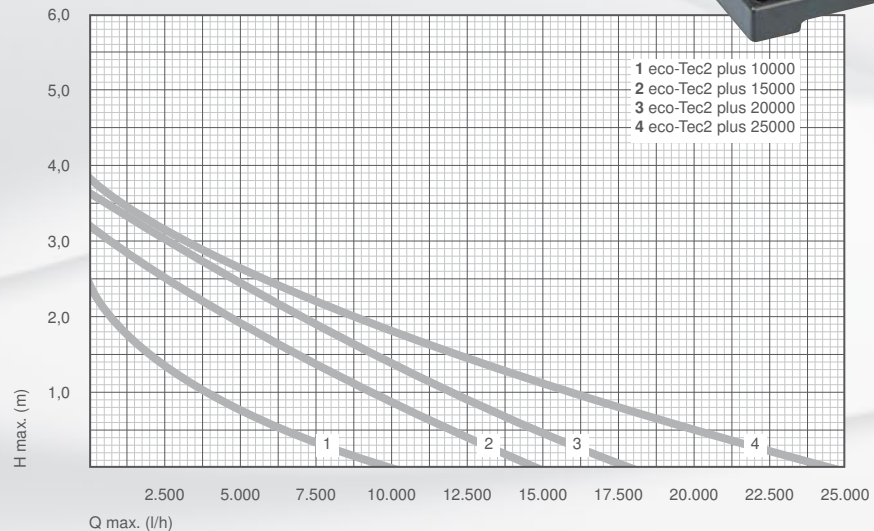


Thermal overload
protection switch



10 m cable H07

Functional
stand





Combinable with the **Messner e-ponding®** Concept (from page 14)

New



	eco-Tec2 plus 10000	eco-Tec2 plus 15000	eco-Tec2 plus 20000	eco-Tec2 plus 25000
max.	165 l/min 9.900 l/h	245 l/min 14.700 l/h	300 l/min 18.000 l/h	403 l/min 24.200 l/h
max.	2,40 m	3,20 m	3,60 m	3,80 m
	60 W	105 W	155 W	190 W
	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
	245 x 145 x 192	260 x 145 x 195	260 x 145 x 195	260 x 145 x 195
	G 1½"- E	G 2"- E	G 2"- E	G 2"- E
	G 1½"- E	G 2"- E	G 2"- E	G 2"- E
	Ø 40/50	Ø 50/63	Ø 50/63	Ø 50/63
Art.-No.	156 / 005026	156 / 005027	156 / 005028	156 / 005029

Accessories
eco-Tec2 4500 - 20000 | eco-Tec2 plus 10000 - 25000

Speed Governor DS 350
Art.-No. 168 / 002974

For fine tuning of flow rate
for filter operation.



Pre-Filter Ø 120

G 1¼"- I – Art.-No. 168 / 009137
G 1½"- I – Art.-No. 168 / 009138
G 2"- I – Art.-No. 168 / 009139

Extension Module Ø 120
Art.-No. 168 / 009140

For protection against coarse debris.



Cleaner for Pumps

Art.-No. 168 / 009115
1 liter

For cleaning of pumps, fittings
and underwater lighting.
100% biodegradable.



* not including rotor unit (part subject to wear)

Separate pre-filter required, not within the scope of delivery



Scope of delivery

eco-Tec2 plus 10000



eco-Tec2 plus 15000
eco-Tec2 plus 20000
eco-Tec2 plus 25000



Messner
moves water...





Fountain Pump power-X2

Lives up to its Name: power-X2

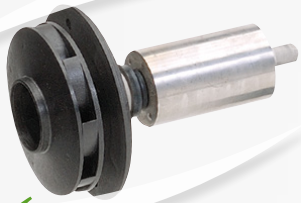
X-designed high performance pump for high-pressure clear-water applications.

Fields of Application

- ✓ Fountain Displays
- ✓ Fountains



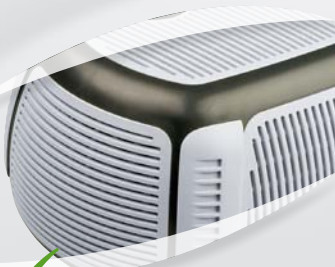
Fountain Pump power-X2



High-Pressure:
hydraulically optimized impeller



Max. delivery height up to 8 m



Fine filter baskets for protecting
the Jet against dirt particles



Easy to open



Ergonomic
handle

Assembly
clips

Assembly
clips

Filter housing with
large suction-surfaces
for long maintenance
intervals

Outlet with
thread connection

Removable rotor
assembly with ceramic
bearings guarantee
continuous operation

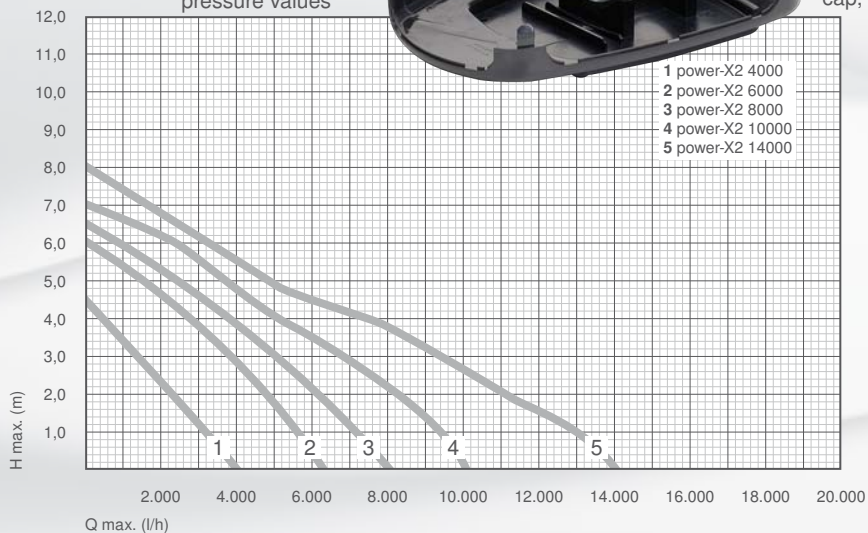
Thermal overload
protection switch
10 m cable H07



Stainless steel splitting
tube rotor

Hydraulically optimized
impeller for maximum
pressure values

Removable pre-filter
cap, no tools required





	power-X2 4000	power-X2 6000	power-X2 8000	power-X2 10000	power-X2 14000	Accessories power-X2
	69 l/min 4.100 l/h	103 l/min 6.200 l/h	135 l/min 8.100 l/h	167 l/min 10.000 l/h	233 l/min 14.000 l/h	Speed Governor DS 350 Art.-No. 168 / 002974
	4,50 m	6,00 m	6,50 m	7,00 m	8,00 m	For fine tuning of fountain levels.
	80 W	100 W	150 W	190 W	280 W	
	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	
	360 x 270 x 180	360 x 270 x 180	360 x 270 x 180	360 x 270 x 180	360 x 270 x 180	Cleaner for Pumps Art.-No. 168 / 009115 1 liter
	G 1"- E	G 1"- E	G 1"- E	G 1"- E	G 1"- E	For cleaning of pumps, fittings and underwater lighting. 100% biodegradable.
	G 1 1/4"- E	G 1 1/4"- E	G 1 1/4"- E	G 1 1/4"- E	G 1 1/4"- E	
	Ø 32/40	Ø 32/40	Ø 32/40	Ø 32/40	Ø 32/40	
Art.-No.	156 / 005040	156 / 005041	156 / 005042	156 / 005043	156 / 005044	



* not including rotor unit (part subject to wear)



Scope of delivery

power-X2 4000
power-X2 6000
power-X2 8000
power-X2 10000
power-X2 14000







Built-in Pump power-Tec2

High-Tec - High Performance

Honestly, simply powerful: built-in pumps for high-pressure clear-Water applications, e.g. fountain displays, for natural stone fountains and at swimming ponds.

Fields of Application

- ✓ Fountain Displays
- ✓ Fountains
- ✓ Swimming Ponds
- ✓ Non-submersible Installation

Separate pre-filter required,
not within the scope of delivery

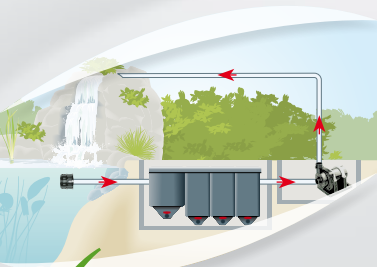


Built-in Pump power-Tec2

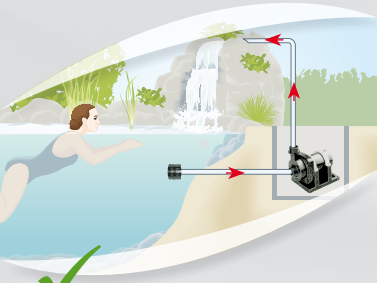
High-Pressure:
hydraulically optimized impeller



Max. delivery height up to 8 m



Especially designed for
non-submersible installation



Certified for use at swimming
ponds

Pressure connection
can be rotated by 90°



Outlet with thread
connection

Removable rotor
assembly with
ceramic bearings
guarantee continuous
operation



Stainless steel splitting
tube rotor

Hydraulically optimized
impeller for maximum
pressure values



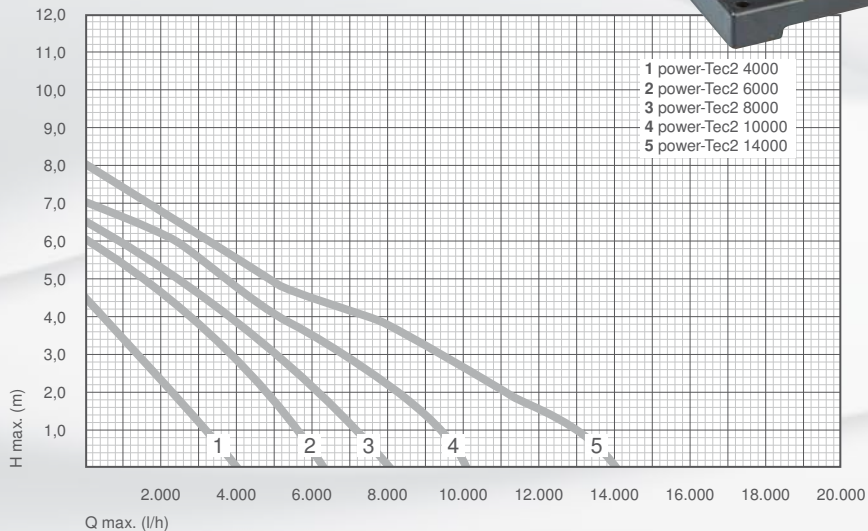
Clip

Thermal overload
protection switch



10 m cable H07

Functional
stand





	power-Tec2 4000	power-Tec2 6000	power-Tec2 8000	power-Tec2 10000	power-Tec2 14000	Accessories power-Tec2
	69 l/min 4.100 l/h	103 l/min 6.200 l/h	135 l/min 8.100 l/h	167 l/min 10.000 l/h	233 l/min 14.000 l/h	Speed Governor DS 350 Art.-No. 168 / 002974
	4,50 m	6,00 m	6,50 m	7,00 m	8,00 m	For fine tuning of fountain levels.
	80 W	100 W	150 W	190 W	280 W	
	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	
	240 x 145 x 195	240 x 145 x 195	240 x 145 x 195	240 x 145 x 195	240 x 145 x 195	Pre-Filter Ø 120 G 1¼"- I Art.-No. 168 / 009137
	G 1"- E	G 1"- E	G 1"- E	G 1"- E	G 1"- E	Extension Module Ø 120 Art.-No. 168 / 009140
	G 1¼"- E	G 1¼"- E	G 1¼"- E	G 1¼"- E	G 1¼"- E	For protection against coarse debris.
	Ø 32/40	Ø 32/40	Ø 32/40	Ø 32/40	Ø 32/40	
Art.-No.	156 / 005050	156 / 005051	156 / 005052	156 / 005053	156 / 005054	



* not including rotor unit (part subject to wear)

Separate pre-filter required, not within the scope of delivery



Scope of delivery

power-Tec2 4000
power-Tec2 6000
power-Tec2 8000
power-Tec2 10000
power-Tec2 14000







Pumps MultiSystem

Pumps... Strong and Powerful

Versatile and highly efficient powerhouses for your fountain jets applications

Fields of Application

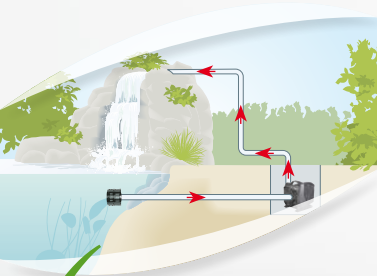
- ✓ Waterfalls
- ✓ Brooks
- ✓ Filter Operations
- ✓ Water Circulations
- ✓ Fountain Displays
- ✓ Fountains
- ✓ Swimming Ponds
- ✓ Non-submersible Installation



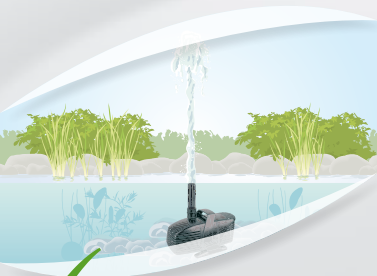
Pond Pump MultiSystem M



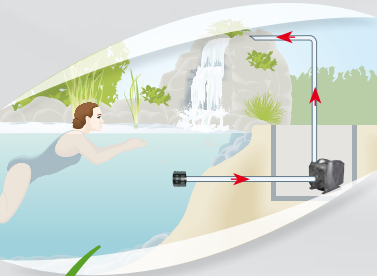
Vortex impeller suitable for dirty water



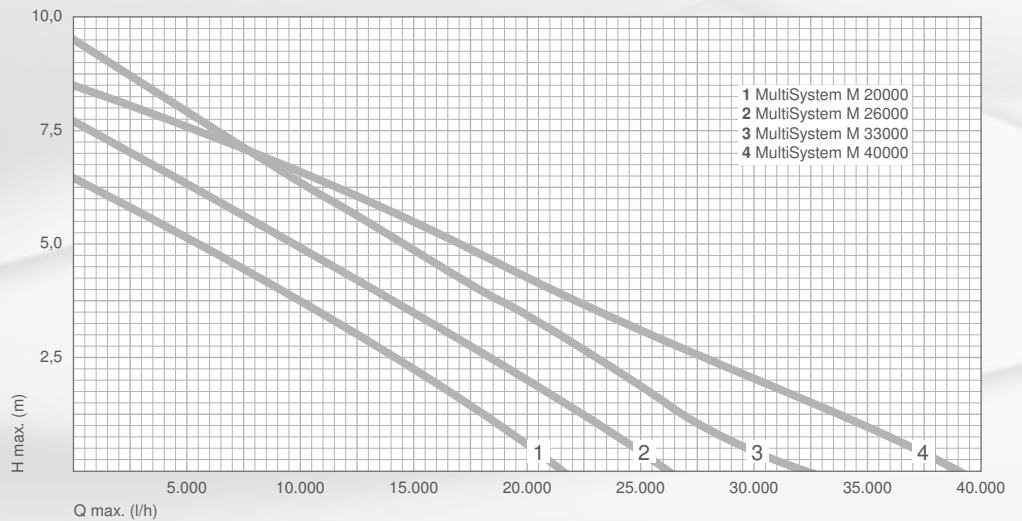
Big dimension waterfalls and brooks



Max. delivery height up to 9,5 m



Certified for use at swimming ponds





	MultiSystem M 20000	MultiSystem M 26000	MultiSystem M 33000	MultiSystem M 40000
	358 l/min 21.500 l/h	435 l/min 26.100 l/h	540 l/min 32.500 l/h	645 l/min 38.700 l/h
	6,50 m	7,70 m	9,50 m	8,50 m
	400 W	510 W	620 W	650 W
	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
	450 x 240 x 240	450 x 240 x 240	450 x 240 x 240	450 x 240 x 240
	G 1½" - E	G 1½" - E	G 1½" - E	G 2" - E
	G 2" - E	G 2" - E	G 2" - E	G 2" - E
Art.-No.	156 / 001415	156 / 001416	156 / 001417	156 / 001418

Accessories MultiSystem M

Speed Governor NS 4033
Art.-No. 168 / 002973

For fine tuning
of fountain levels.



Height Adjuster G 1½"
Art.-No. 164 / 002548



Cleaner for Pumps
Art.-No. 168 / 009115
1 liter

For cleaning of pumps, fittings
and underwater lighting.
100% biodegradable.



* not including rotor unit (part subject to wear)



Scope of delivery

MultiSystem M 20000
MultiSystem M 26000
MultiSystem M 33000
MultiSystem M 40000



Fountain Pump MultiSystem MP



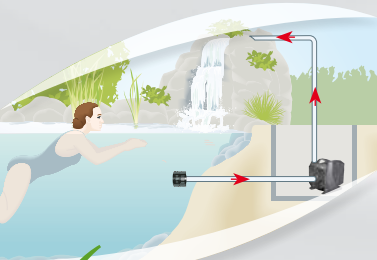
High-Pressure: hydraulically optimized impeller



Max. delivery height up to 11,2 m for huge fountains in clear water



Non-submersible installation



Certified for use at swimming ponds



Large, detachable front and rear pre-filter caps, no tools required



Fine Mesh Foam Filter



Pre-filter cage

Outlet with thread connection



Stainless steel splitting tube rotor



Stable stand

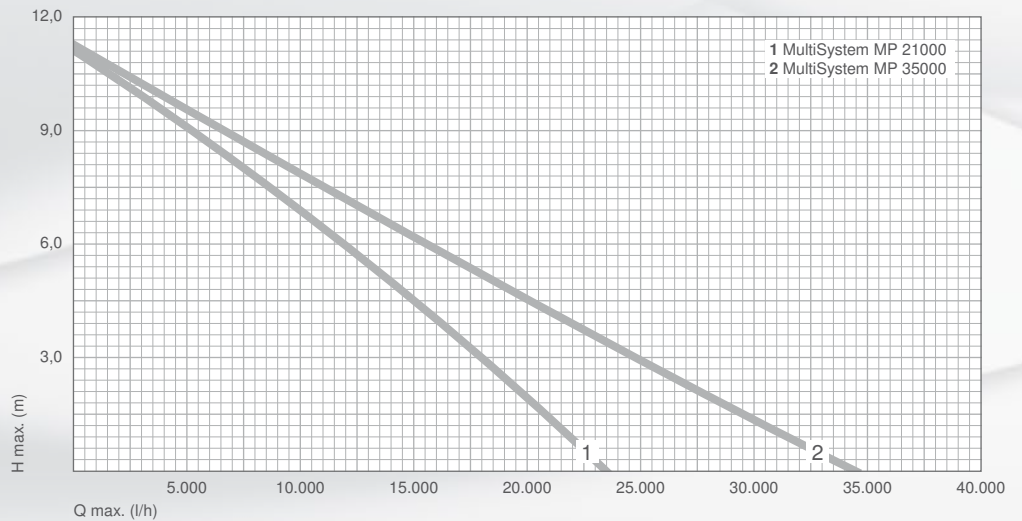
Removable rotor assembly with ceramic bearings guarantee continuous operation

Handle



Thermal overload protection switch

10 m cable H07





**MultiSystem
MP 21000**

**MultiSystem
MP 35000**

**Accessories
MultiSystem MP**



390 l/min
23.400 l/h

575 l/min
34.500 l/h



11,00 m

11,20 m



530 W

680 W



230 V / 50 Hz

230 V / 50 Hz



450 x 240 x 240

450 x 240 x 240



G 1½" - E

G 2" - E



G 2" - E

G 2" - E

Art.-No.

156 / 001525

156 / 001526

Fountain Jets from page 58

Speed Governor NS 4033
Art.-No. 168 / 002973

For fine tuning
of fountain levels.



Height Adjuster G 1½"
Art.-No. 164 / 002548



Cleaner for Pumps
Art.-No. 168 / 009115
1 liter

For cleaning of pumps, fittings
and underwater lighting.
100% biodegradable.

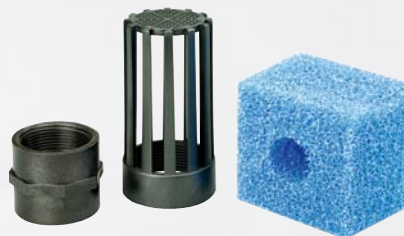


* not including rotor unit (part subject to wear)










Scope of delivery

MultiSystem MP 21000
MultiSystem MP 35000



Range of Pumps



	system-Tec	system-N	system-X
Fields of Application	Built-in Pump	Pond Pump	Pond Pump
Waterfalls Brooks	✓	✓	✓
Operation of Filter Circulation	✓	✓	✓
Fountain Displays Fountains		✓	✓
Technical Installations	✓		
 Q_{max} l/h	1.200 - 4.000	800 - 4.000	800 - 4.000
 H_{max} m	1,80 - 2,90	1,30 - 3,90	1,30 - 2,90
 Watt	25 - 60	15 - 60	15 - 60
 *	 2	 2	 3
Catalogue Page	50	54	58

*not including rotor unit (part subjects to wear)



max. flow rate of pumps



power consumption



max. delivery height of pumps



supply voltage
230 V / 50 Hz



product
dimensions



connection
outlet



Messner Pumps



connection
inlet



hose nozzle



warranty

G = thread
G - I = Internal thread
G - A = External thread

Messner
moves water...





Built-in Pump system-Tec

Reliable Magnetic Rotor Technology in Tec-Design

Designed versatile and especially for operation in fountains, for example with several natural stone attachments. compact measurements, extremely silent operation and adjustable threefold-distributor inclusive.

Fields of Application

- ✓ Natural Stone Fountains
- ✓ Outdoor Fountains
- ✓ Source Stone
- ✓ Steel Fountains



All connections adjustable 100 – 0%



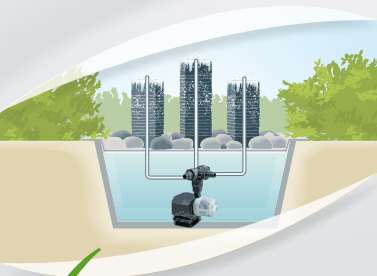
Built-in Pump system-Tec



Compact measurements



100 - 0 % threefold adjustable



Optimal for use with Natural Stone Fountains



Extremely quiet operation – vibration-damped

All connections adjustable 100 - 0%



Threefold distributor with hose connections Ø 20/25 mm

Particularly robust Vortex impeller suitable for dirty water



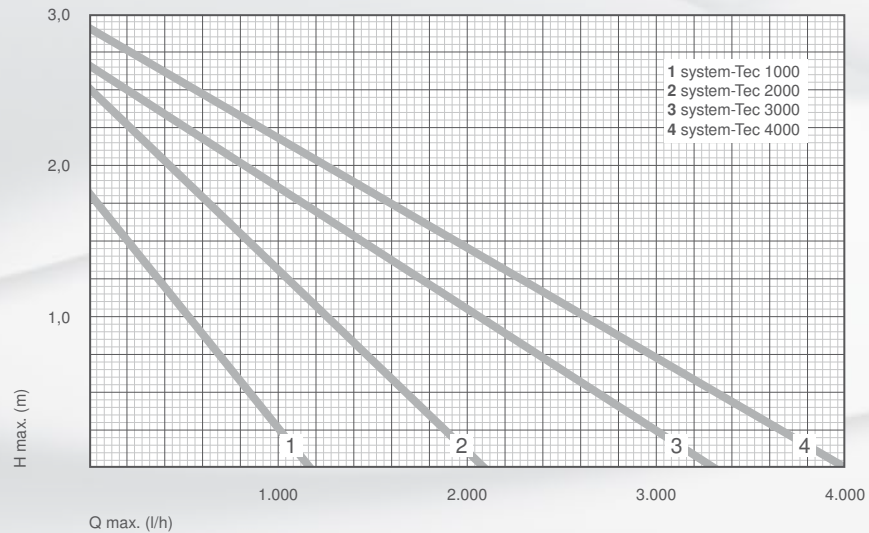
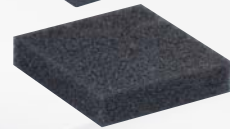
Removable rotor assembly



10 m cable H05



Vibration-damped stand





system-Tec
1000

system-Tec
2000

system-Tec
3000

system-Tec
4000

Accessories



20 l/min
1.200 l/h

35 l/min
2.100 l/h

55 l/min
3.300 l/h

67 l/min
4.000 l/h



1,80 m

2,50 m

2,70 m

2,90 m



25 W

45 W

45 W

60 W



230 V / 50 Hz

230 V / 50 Hz

230 V / 50 Hz

230 V / 50 Hz



126 x 90 x 117**

126 x 90 x 117**

180 x 110 x 138**

180 x 110 x 138**



G 1/2" - E

G 1/2" - E

G 3/4" - E

G 3/4" - E



Ø 20/25

Ø 20/25

Ø 20/25

Ø 20/25

Art.-No.

156 / 005080

156 / 005081

156 / 005082

156 / 005083

Cleaner for Pumps

Art.-No. 168 / 009115
1 liter

For cleaning of pumps, fittings
and underwater lighting.
100% biodegradable.



* not including rotor unit (part subject to wear)

** Pump measurements without threefold distributor



Scope of delivery

system-Tec 1000
system-Tec 2000



G 1/2" - I

system-Tec 3000
system-Tec 4000



G 3/4" - I





Pond Pump system-N

The Starting Range: Strong in Price and Performance
Reliable synchronous motor technology in innovative,
valuable design.

Fields of Application

- ✓ Waterfalls
- ✓ Brooks
- ✓ Filter Operations
- ✓ Water Circulations
- ✓ Fountain Displays
- ✓ Fountains



Pond Pump system-N



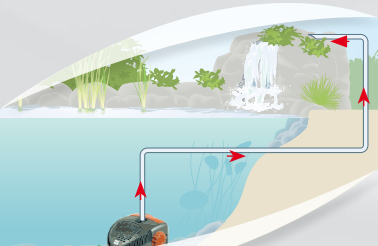
Integrated suction flow control by min. 25%



No tools required for opening



Optimal for use with small fountains



Optimal for small waterfalls

Ergonomic handle



Removable pre-filter cap, no tools required

10 m cable H05



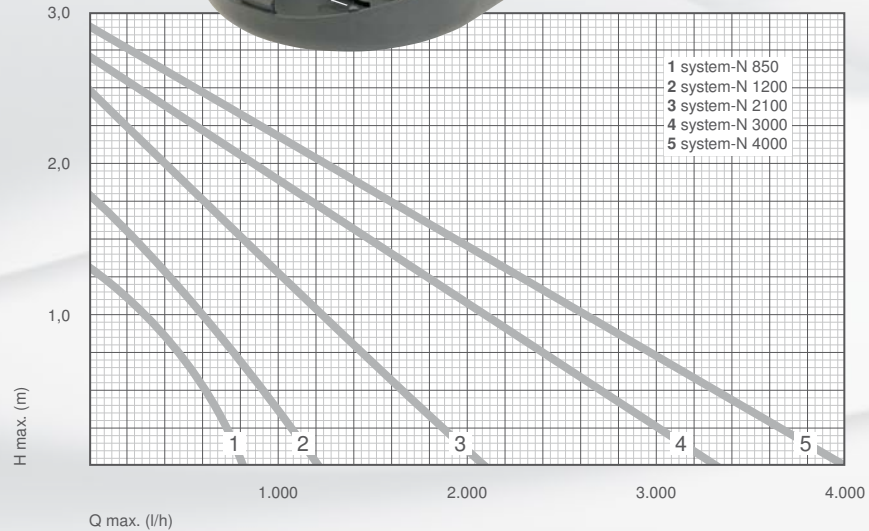
Particularly robust Vortex impeller suitable for dirty water



Removable rotor assembly



Integrated suction flow control by min. 25%





	system-N 850	system-N 1200	system-N 2100	system-N 3000	system-N 4000
	13 l/min 800 l/h	20 l/min 1.200 l/h	35 l/min 2.100 l/h	55 l/min 3.300 l/h	67 l/min 4.000 l/h
	1,30 m	1,80 m	2,50 m	2,70 m	2,90 m
	15 W	25 W	44 W	45 W	60 W
	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
	170 x 172 x 110	170 x 172 x 110	170 x 172 x 110	210 x 210 x 128	210 x 210 x 128
	G 1/2" - I	G 1/2" - E	G 1/2" - E	G 3/4" - E	G 3/4" - E
	Ø 13-14/19-20/25	Ø 13-14/19-20/25	Ø 13-14/19-20/25	Ø 20/25/32	Ø 20/25/32
Art.-No.	156 / 001360	156 / 001361	156 / 001362	156 / 001365	156 / 001368



* not including rotor unit (part subject to wear)



Scope of delivery

system-N 850
system-N 1200
system-N 2100



system-N 3000
system-N 4000



Bell Jet

Volcano Jet





Pond Pump system-X

X-Designed Magnetic Rotor Technology

High-performance pump for small brooks, filter systems
and fountains.

Fields of Application

- ✓ Waterfalls
- ✓ Brooks
- ✓ Filter Operations
- ✓ Water Circulations
- ✓ Fountain Displays
- ✓ Fountains



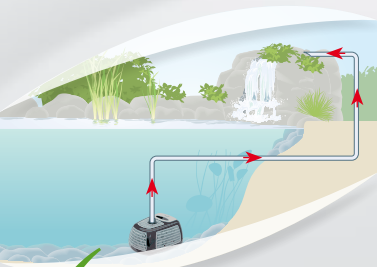
Pond Pump system-X



No tools required for opening



Optimal for use with small fountains



Optimal for small waterfalls



Inclusive extensive accessories

Ergonomic handle



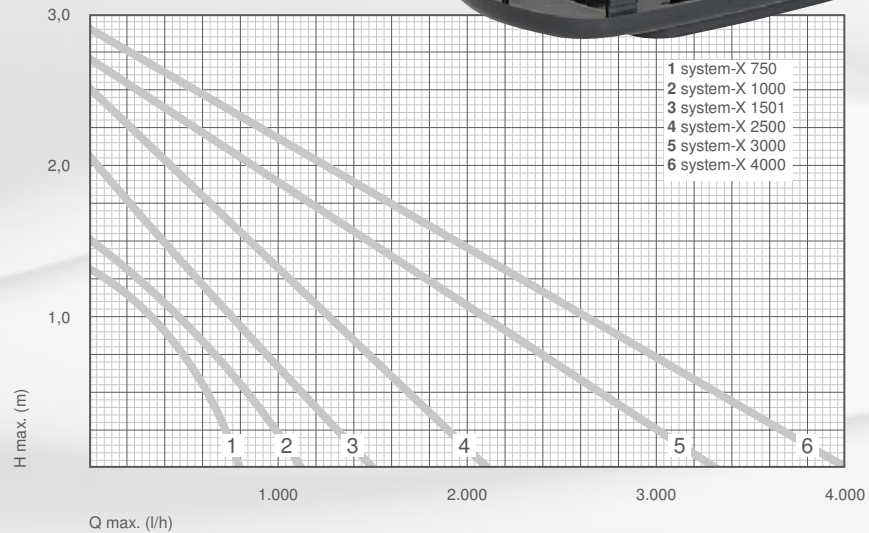
Filter housing with large suction-surfaces for long maintenance intervals



10 m cable H05

Removable rotor assembly

Removable pre-filter cap, no tools required





	system-X 750	system-X 1000	system-X 1501	system-X 2500	system-X 3000	system-X 4000
	13 l/min 800 l/h	18 l/min 1.100 l/h	25 l/min 1.500 l/h	35 l/min 2.100 l/h	55 l/min 3.300 l/h	67 l/min 4.000 l/h
	1,30 m	1,50 m	2,10 m	2,50 m	2,70 m	2,90 m
	15 W	18 W	30 W	45 W	45 W	60 W
	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
	165 x 140 x 105	165 x 140 x 105	165 x 140 x 105	165 x 140 x 105	205 x 165 x 130	205 x 165 x 130
	G 1/2" - I	G 1/2" - I	G 1/2" - E	G 1/2" - E	G 3/4" - E	G 3/4" - E
			Ø 25 mm	Ø 25 mm	Ø 32 mm	Ø 32 mm
Art.-No.	156 / 001375	156 / 001376	156 / 001377	156 / 001372	156 / 001379	156 / 001380



* not including rotor unit (part subject to wear)



Scope of delivery

system-X 750
system-X 1000



system-X 1501
system-X 2500



system-X 3000
system-X 4000





Water Design

Water displays and fountains according to your needs – no problem with this large assortment!



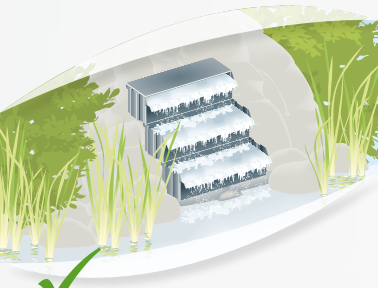
Water Design

- ✓ Waterfall Basins
- ✓ Fountain Jets

Aggregate

- ✓ Versailles
- ✓ Sylt
- ✓ Allrounder

Waterfall Basin



One below the other



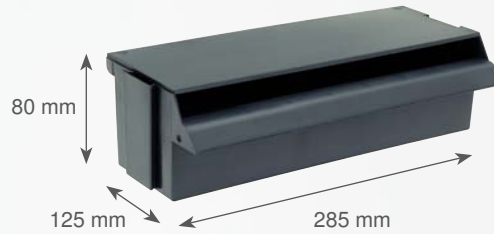
Arrangement side-by-side



Continuous water film



Robust cover for decoration purposes



	1 x = 285 mm	1 x = 570 mm	1 x = 855 mm
Hose L x Ø	5 m - Ø 20 - 25 mm*	5 m - Ø 20 - 25 mm*	5 m - Ø 20 - 25 mm*
Height	recommended pump	recommended pump	recommended pump
200 mm	system-X 1501		eco-X2 4500
400 mm	system-X 2500	eco-X2 7500	eco-X2 7500



	1 x = 380 mm	2 x = 760 mm	3 x = 1140 mm
Hose L x Ø	5 m - Ø 32 mm*	5 m - Ø 40 mm*	5 m - Ø 50 mm*
Height	recommended pump	recommended pump	recommended pump
200 mm	system-X 2500		
400 mm	system-X 4000	eco-X2 7500	eco-X2 10000
600 mm	eco-X2 7500	eco-X2 10000	eco-X2 10000
800 mm	eco-X2 10000	eco-X2 13000	eco-X2 13000
1000 mm		eco-X2 16000	eco-X2 20000

*Recommended hose diameter for main supply



Waterfall Basin
28,5 cm



Waterfall Basin
38 cm

Connection hose nozzle

Ø 20/25

Ø 32/40

Dimensions W x H x D

285 x 80 x 125 mm

380 x 190 x 280 mm

Art.-No.

162 / 002130

162 / 002121

Scope of delivery



Distribution Module G 2"

Art.-No. 168 / 002520

With the distribution modules as many junctions as required can be made.

To operate the waterfall basins the water flow rates for each basin can be separately regulated with the ball-valves which are in the scope of delivery.



Sealing Cap G 2" incl. Sealing

Art.-No. 168 / 002680

A sealing cap is used to shut the distribution.

LED Modul 20 x 0,5 W

Art.-No. 170 / 007010

The LED-module made of high quality stainless steel for our waterfall basin 38 cm. Optimal illumination of the water film from above or for installation underneath the drain edge. Warm white light with high energy saving. Easy installation by appropriate accessories.



Water Display Mini-Versailles

Combinable with the Messner e-ponding® Concept (from page 14)



General specifications

Max. fountain height	1,7 m
Max. fountain diameter	1,5 m
Required water depth min.	220 mm - 240 mm
Basin diameter	Ø 2,5 m
Weight	22 kgs
Diameter Ø	760 mm

power -Tec2 6000



Power consumption	100 W
Flow rate max.	103 l/min 6.200 l/h
Supply voltage	230 V / 50 Hz
Cable	10 m

Illumination 3 x 20 W



Power consumption	60 W
Supply voltage	230 V / 50 Hz
Working voltage	12 V
Cable	3 x 7,5 m

Scope of delivery



Art.-No. 160 / 001903

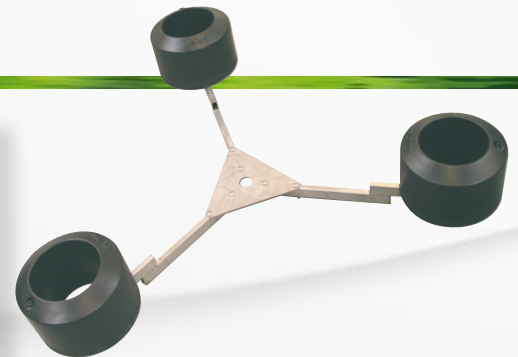


* not including bulbs

FloatSet Versailles

- ✓ Independent from water level
- ✓ Required water depth min. 30 cm
- ✓ Material: plastic / stainless steel
- ✓ 3 floats + bars, connection materials

Art.-No. 160 / 001912



Water Display Versailles VA

Combinable with the **Messner e-ponding®** Concept (from page 14)

New

General specifications

Max. fountain height	2,5 m
Max. fountain diameter	2,5 m
Required water depth min.	220 mm - 240 mm
Basin diameter	2,5 m
Weight	28 kgs
Diameter Ø	760 mm

power -Tec2 14000



Power consumption	280 W
Flow rate max.	233 l/min 14.000 l/h
Supply voltage	230 V / 50 Hz
Cable	10 m

Illumination 3 x 50 W



Power consumption	150 W
Supply voltage	230 V / 50 Hz
Working voltage	12 V
Cable	3 x 7,5 m

Art.-No. 160 / 001904



Scope of delivery



* not including bulbs

The water display **Versailles VA** and **Mini-Versailles** are captivating because of their four automatically alternating water patterns.

The display times can be freely regulated. Of course the automatic system can be turned off.

Mini-Versailles are compact units, not requiring any particular installation work.

They are simply placed in a basin, aligned and then connected with two plug sockets.

The fountain heights are regulated individually. The **Versailles VA** and

Fountain Jets



Ø 20 mm	Volcano Jet 2-Tiered	Volcano Jet special	Ring Jet
system-X 750	Ø 35 ↑ 75	Ø 30 ↑ 55	Ø 100 ↑ 70
system-X 1000	Ø 40 ↑ 80	Ø 35 ↑ 60	Ø 120 ↑ 70
system-X 1501	Ø 60 ↑ 130	Ø 70 ↑ 105	Ø 180 ↑ 120
system-X 2500	Ø 100 ↑ 190	Ø 80 ↑ 145	
system-X 3000	Ø 90 ↑ 210	Ø 80 ↑ 180	
system-X 4000	Ø 100 ↑ 230	Ø 100 ↑ 190	
Art.-No.	150 / 001060	150 / 001070	150 / 001220

↑ = Fountain height from water surface (cm) | Ø = Fountain diameter (cm)





Ø 20 mm	Calyx Jet Vario				Foam Jet	Bell Jet		
system-X 750	Ø 20	↑ 30	Ø 60	↑ 70	Ø 20	↑ 20		
system-X 1000	Ø 20	↑ 30	Ø 60	↑ 70	Ø 20	↑ 20		
system-X 1501	Ø 40	↑ 45	Ø 100	↑ 100	Ø 35	↑ 25	Ø 50 ↑ 30	
system-X 2500	Ø 60	↑ 60	Ø 160	↑ 160	Ø 40	↑ 30	↑ * 32	Ø 50 ↑ 30
system-X 3000	Ø 80	↑ 90	Ø 130	↑ 130	Ø 40	↑ 30	↑ * 45	Ø 60 ↑ 30
system-X 4000	Ø 100	↑ 100	Ø 160	↑ 160	Ø 45	↑ 30	↑ * 50	Ø 70 ↑ 55
power-X2/power-Tec2 6000 ¹						↑ * 150		
Art.-No.	150 / 001180				150 / 001170	150 / 001240		

↑ = Fountain height from water surface (cm) | * = Fountain height (cm) from the top edge of jet | Ø = Fountain diameter (cm)

¹ = only to be used together with reducing socket G 1" - I / G 1/2" - I (Art.-No. 168 / 002800) and extension G 1/2" - A (Art.-No. 168 / 002830)



¹
Reducing socket G 1" - I / G 1/2" - I
 Art.-No. 168 / 002800

Extension G 1/2" - E
 Art.-No. 168 / 002830

Telescopic extension for jet operation. Continuously height adjustable from 165 mm to 280 mm.



Ball and Socket Joint G 3/4" System
 Art.-No. 150 / 006011

Ball and Socket Joint G 1" System
 Art.-No. 152 / 006012

Ball and socket joint for the effortless adjustment of nozzles.



Fountain Jets



Foam Jet



Foam Jet special



Calyx Jet



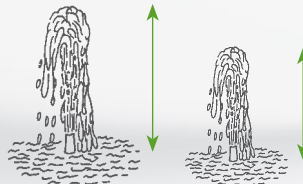
Volcano Jet



Bell Jet



**all jets with water volume control





G 1" - E	Foam Jet **	Foam Jet special	Volcano Jet **	Calyx Jet **	Bell Jet **
power-X2/power-Tec2 4000	↑ * 22	↑ * 30	Ø 40 ↑ 80	Ø 70 ↑ 45	Ø 90 ↑ 45
power-X2/power-Tec2 6000	↑ * 50	↑ * 70	Ø 130 ↑ 250	Ø 80 ↑ 45	Ø 100 ↑ 45
power-X2/power-Tec2 8000	↑ * 70	↑ * 85	Ø 180 ↑ 300	Ø 90 ↑ 45	Ø 110 ↑ 45
power-X2/power-Tec2 10000	↑ * 95	↑ * 120	Ø 200 ↑ 330	Ø 105 ↑ 45	Ø 115 ↑ 45
power-X2/power-Tec2 14000	↑ * 110	↑ * 135	Ø 200 ↑ 390	Ø 110 ↑ 45	Ø 125 ↑ 45
black	Art.-No. 152 / 001151		152 / 001102	152 / 001161	152 / 001041
stainless steel	Art.-No. 152 / 001150	152 / 001152		152 / 001160	



↑ = Fountain height from water surface (cm) | * = Fountain height (cm) from the top edge of jet | Ø = Fountain diameter (cm)



Single Jet G 1/2" - E
nickel-plated

- Ø 6 mm – Art.-No. 150 / 001212
- Ø 8 mm – Art.-No. 150 / 001213
- Ø 10 mm – Art.-No. 150 / 001215



Special jet guidance!



Single Jet G 1" - E
nickel-plated

- Ø 12 mm – Art.-No. 152 / 001216
- Ø 14 mm – Art.-No. 152 / 001217
- Ø 16 mm – Art.-No. 152 / 001218



Special jet guidance!

Fountain Jets



	Foamy Column G 1" - E	Foamy Column G 1½" - I	Foamy Column G 2" - I
power-X2/power-Tec2 4000	↑ 65		
power-X2/power-Tec2 6000	↑ 140		
power-X2/power-Tec2 8000	↑ 190		
power-X2/power-Tec2 10000	↑ 250		
power-X2/power-Tec2 14000	↑ 300		
MultiSystem MP 21000		↑ 145	↑ 100 ⁵
MultiSystem MP 35000		↑ 205	↑ 150
Colour	stainless steel	bronze	bronze
Art.-No.	152 / 001123	152 / 001121	152 / 001122

↑ = Fountain height from water surface (cm)

⁵ = only to be used together with reducing piece G 1½" - I / G 2" - A (Art.-No. 168 / 002785)

Ø 50 mm



G 1" - E



Foamy Column

Ø 90 mm



G 1½" - I

Foamy Column

Ø 110 mm



G 2" - I



	Foam Jet G 1½"- E	Volcano Jet G 1¼"- I	Volcano Jet G 1½"- I	Volcano Jet G 2"- I
power-X2/power-Tec2 4000		Ø 50 ↑ 60		
power-X2/power-Tec2 6000	↑ * 35 ³	Ø 90 ↑ 130		
power-X2/power-Tec2 8000	↑ * 60 ³	Ø 110 ↑ 260	Ø 120 ↑ 160 ⁴	
power-X2/power-Tec2 10000	↑ * 85 ³	Ø 130 ↑ 280	Ø 140 ↑ 200 ⁴	
power-X2/power-Tec2 14000	↑ * 125 ³	Ø 200 ↑ 300	Ø 180 ↑ 250 ⁴	
MultiSystem MP 21000	↑ * 240	Ø 250 ↑ 500	Ø 280 ↑ 490	Ø 230 ↑ 450 ⁵
MultiSystem MP 35000	↑ * 250		Ø 280 ↑ 500	Ø 230 ↑ 450
Colour	stainless steel	black	bronze	bronze
Art.-No.	152 / 001153	152 / 001104	152 / 001105	152 / 001106

↑ = Fountain height from water surface (cm) | Ø = Fountain diameter (cm) | * = Fountain height (cm) from the top edge of jet

³ = only to be used together with reducing socket G 1½"- I / G 1"- I (Art.-No. 168 / 002822)

⁴ = only to be used together with reducing piece G 1"- I / G 1½"- A (Art.-No. 168 / 002783)

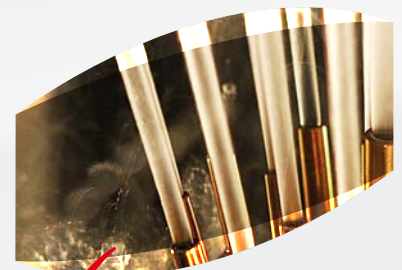
⁵ = only to be used together with reducing piece G 1½"- I / G 2"- A (Art.-No. 168 / 002785)



Foam Jet

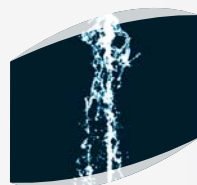


Volcano Jet



Special jet guidance!

Fountain Jets



jets depending on water level		Geyser G 1" - E incl. Ball and Socket Joint	Geyser G 1½" - I incl. Flange
power-X2/power-Tec2 4000		↑ 65	
power-X2/power-Tec2 6000		↑ 160	
power-X2/power-Tec2 8000		↑ 220	↑ 120 ⁴
power-X2/power-Tec2 10000		↑ 270	↑ 150 ⁴
power-X2/power-Tec2 14000		↑ 310	↑ 190 ⁴
MultiSystem MP 21000		↑ 500 ³	↑ 260
MultiSystem MP 35000		↑ 540 ^{4 5}	↑ 360 ³
bronze	Art.-No.	152 / 001195	152 / 001196
nickel-plated	Art.-No.	152 / 001190	152 / 001191

↑ = Fountain height from water surface (cm) | Ø = Fountain diameter (cm)

³ = only to be used together with reducing socket G 1½" - I / G 1" - I (Art.-No. 168 / 002822) · ⁴ = only to be used together with reducing piece ⁵ = only to be used together with reducing piece G 1½" - E / G 2" - I (Art.-No. 168 / 002771)



³ **Reducing socket**
G 1½" - I / G 1" - I
Art.-No. 168 / 002822

⁴ **Reducing piece**
G 1" - I / G 1½" - E
Art.-No. 168 / 002783

⁵ **Reducing piece**
G 1½" - I / G 2" - E
Art.-No. 168 / 002785



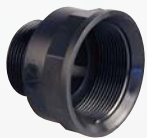


jets depending on water level		Cascade G 1" - E incl. Ball and Socket Joint	Cascade G 1½" - I	Cascade G 2" - I incl. Flange
power-X2/power-Tec2 4000		↑ 50		
power-X2/power-Tec2 6000		↑ 80		
power-X2/power-Tec2 8000		↑ 110	↑ 65 ⁴	
power-X2/power-Tec2 10000		↑ 130	↑ 75 ⁴	
power-X2/power-Tec2 14000		↑ 160	↑ 110 ⁴	
MultiSystem MP 21000		↑ 210 ³	↑ 220	↑ 200 ⁵
MultiSystem MP 35000				↑ 230
bronze	Art.-No.	152 / 001205	152 / 001206	152 / 001207
nickel-plated	Art.-No.	152 / 001200	152 / 001201	152 / 001202

G 1" - I / G 1½" - E (Art.-No. 168 / 002783) · ⁵= only to be used together with reducing piece G 1½" - I / G 2" - E (Art.-No. 168 / 002785) ·



³ Reducing piece
G 1½" - E / G 2" - I
Art.-No. 168 / 002771



Accessories Fountain Jets



Flange



Flange



Ball and Socket Joint



Ball and Socket Joint



Flange
G 1½"

Colour bronze

Art.-No. 152 / 001210



Flange
G 1½"

Colour nickel-plated

Art.-No. 152 / 001211

Connection piece for vertical adjustment of the jets



Flange
G 2"

Colour bronze

Art.-No. 152 / 001288

Connection piece for vertical adjustment of the jets



Ball and Socket
Joint G 1"

Colour nickel-plated

Art.-No. 152 / 001214



Ball and Socket
Joint G 1½"

Colour nickel-plated

Art.-No. 152 / 001219

New



Ball and Socket Joint
G ¾" System

Colour black

Art.-No. 150 / 006011



Ball and Socket Joint
G 1" System

Colour black

Art.-No. 152 / 006012

Float Sylt



General specifications

Material	PE black
Dimensions H x Ø	340 mm x 600 mm
Weight	approx. 31,5 kgs (not incl. pump & accessories)
Required water depth	min. 50 cm
Scope of delivery	float including balance weight, lugs and fixing screws for pump and underwater floodlight
Art.-No.	160 / 001911

Recommended pumps*	power-X2 4000 - power-X2 14000
Recommended underwater floodlights*	UWL 100 watts, 75 watts, 50 watts or 20 watts UWL 1203/5 LED, UWL 1204/5 LED, UWL 1210 LED
Recommended Jets*	Volcano Jet G 1", Volcano Jet 1 1/4", Calyx Jet G 1", Bell Jet G 1", Foam Jet special G 1", Foam Jet G 1/2", Foam Jet G 1" Foamy Column G 1"

Accessories

UWL 3-Set
Art.-No. 170 / 002916



* not within the scope of delivery

The compact fountain float for the pond.

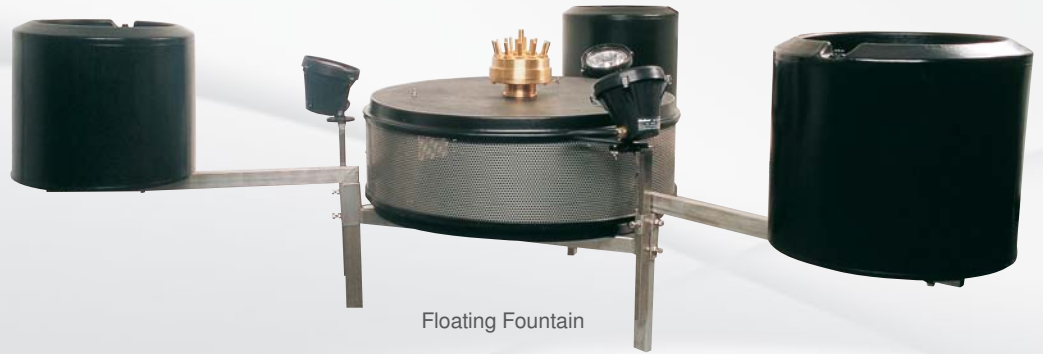
Advantages of the Float

- Individual make-up of a floating fountain
- Water level independent
- Installation at any random position
- Pump inlet located at clean water depth
- Possible to combine several units
- Simple handling

Allrounder



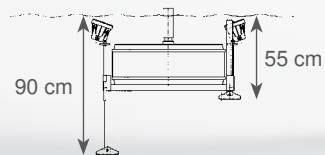
Stationary Fountain



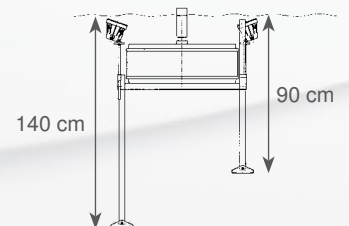
Floating Fountain



StationarySet 500
Art.-No. 160 / 001923



StationarySet 1000
Art.-No. 160 / 001922



Filter Housing



- Ø Filter Housing 76 cm
- Ø with StationarySet 90 cm
- Ø with FloatingSet 230 cm
- Connection G 1"- E, G 1½"- E and G 2"- E
- Material stainless steel

FloatingSet



- Length 80 cm
- Ø floats 38 cm
- Material stainless steel and plastic



Stationary Set 500

- Length 50 cm
- Height-adjustable from 55 cm to 90 cm
- Material stainless steel and plastic



Stationary Set 1000

- Length 100 cm
- Height-adjustable from 90 cm to 140 cm
- Material stainless steel and plastic

LightingSet



- Ø 14 cm; Height 13,5 cm
- Power consumption 3 x 100 watts
- Working voltage 12 volt
- Supply voltage 230 volts / 50 Hz

Scope of delivery

- Complete-Set with Connection G 1"- E, G 1½"- E and G 2"- E

Scope of delivery

- 3 Floats
- 3 bars
- Connection materials

Scope of delivery

- 3 Stands
- Connection materials

Scope of delivery

- 3 Stands
- Connection materials

Scope of delivery

- Transformer (VDE) 300 VA
- Cable 10 m
- Colour discs
- Stainless steel holder
- Connection materials



applicable Messner pumps:

MultiSystem
MP 21000 and MP 35000
M 20000, M 26000, M 33000
and M 40000



Independent from water level



with movable stand plate for pond depth from approx. 55 cm up to 90 cm



with movable stand plate for pond depth from approx. 90 cm up to 140 cm



suitable for Underwater operation and Outdoor application

Art.-No. 160 / 001920

Art.-No. 160 / 001921

Art.-No. 160 / 001923

Art.-No. 160 / 001922

Art.-No. 170 / 002914



* not including bulbs

Truly an Allrounder

With the Allrounder you can combine different types of jets and lighting to create your own water display. The Allrounder can be operated as a float or it can also be set up unmovable in the pond. Last but not least there is the additional filter function for protecting your pump

and fountain jet. You can also install your pump inside the filter housing for waterfall or brook operations. The stainless steel housing filters do not let pass dirt particles bigger than 4 mm to protect the pump and to ensure a long operation time.

Best for large pond projects is the application of the Allrounder with

the FloatSet, which enables the installation anywhere in the pond, independent from the water level. Of course you can also use the StationarySets (500 mm or 1000 mm) to install it in the pond.

Please choose a beautiful water display, a fountain jet, a powerful and energy saving pump and

underwater floodlights for an effective fountain lighting.



Skimmer Filtration | UV-C Filtration

Always the right product for any demand.

From the decorative garden pond to the exclusive koi pond:
Clear water with suitable filter systems by Messner.

Filtration

- ✓ Skimmer
- ✓ UV-C Lamps
- ✓ UV-C Unit
- ✓ UV-C Head



Skimmer Filtration



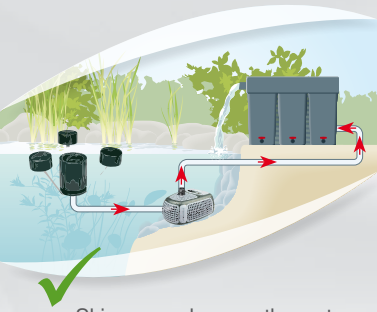
Extensive cleaning of water surface



Secure restraint of coarse dirt



Easy cleaning



Skimmer enhances the water quality



	Skimmer 140	Floating Skimmer 140
Effective flow rate	min. 20 l/min max. 50 l/min	min. 20 l/min max. 50 l/min
For pond surfaces up to	30 m ²	40 m ²
Required water depth	min. 240 mm	min. 300 mm
Dimensions Ø	140 mm	140 mm
Connection	G 1" - I Ø 32	G 1" - E Ø 19-20/25/32
Material	black plastic	black plastic / stainless steel
Scope of delivery	<ul style="list-style-type: none"> · Skimmer · Socket 	<ul style="list-style-type: none"> · Skimmer · 3 x Floats · Hose nozzle Ø 19-20/25/32
Art.-No.	168 / 002393	168 / 002394
Recommended pump flow rate	2.000 l/h up to 6.000 l/h	2.000 l/h up to 6.000 l/h
Installation	assembly on the pump	Float + Hose



Floating Skimmer

- Set up at any random position
- Independent of pump location

Skimmer 200

- Telescopic stand – max. 100 mm height adjustment

Tele Skimmer 200

- Telescopic stand – max. 525 mm height adjustment





Skimmer 200

Tube Skimmer 200

Floating Skimmer 200

Tele Skimmer 200

min. 50 l/min
max. 300 l/min

min. 50 l/min
max. 300 l/min

min. 50 l/min
max. 300 l/min

min. 50 l/min
max. 300 l/min

60 m²

60 m²

80 m²

max. 60 m²

min. 430 mm

min. 250 mm

min. 600 mm

min. 375 mm | max. 900 mm

200 mm

200 mm

200 mm

200 mm

G 1¼" - E

Ø 125 mm

G 1¼" - I + G 1½" - I

G 1½" - E

black plastic

black plastic

black plastic/ stainless steel

black plastic

- Skimmer
- Filter cage
- Stand
- Hose nozzle Ø 32

- Skimmer
- Filter cage

- Skimmer
- 3 x Floats
- Filter cage
- Reducing socket

- Skimmer
- Stand Ø 360 mm
- Telescope
- Hose nozzle Ø 40/50
- Reducing socket
- 2 x Reducing piece

168 / 002396

168 / 002397

168 / 002398

168 / 002399

3.000 l/h up to 39.000 l/h

3.000 l/h up to 39.000 l/h

3.000 l/h up to 39.000 l/h

3.000 l/h up to 39.000 l/h

Telescopic stand

Tube connector

Float + Hose

Telescopic stand

Skimmer Effect

Skimmers enable dirt particles to be sucked off the water surface before they sink to the bottom and contaminate the pond.

The top section of the skimmer floats on the water surface at the optimum position being secured by an air cushion.

The pump sucks off a thin film of water causing a current of water towards the skimmer on the surface of the pond.

Large items such as leaves or grass are trapped by the skimmer filter cage and can be removed from time to time; smaller dirt particles flow into the pond filter for filtration.

An additional positive biological side effect is achieved through sucking off the warm surface water: the temperature of the water at the bottom of the pond remains constant, thus reducing the creation of algae. Skimmers can be used as a suction filter for the pump to operate a waterfall or brook. They are quickly cleaned without dismantling the pump.

UV-C Lamps Stainless Steel pro-UV

Perfect for the professional application:

The new generation of UV-C lamps in stainless steel, with intelligent functions, for more clarity, even in large ponds.

- Highest quality in stainless steel and UV-resistant plastic for a reliable UV-irradiation and durability
- Especially easy installation by means of the integrated ballast
- Ideal for the operation in middle and large ponds due to the big connection dimensions of up to 3"
- Additional flexibility: continuous rotation of large dimensioned connections
- Increase in the efficiency rating of the UV-lamps by combining multiple lamps in a battery
- Easy replacement of illuminants because of the 4-pin UV-C lamps
- Up to 27 % more cross sectional area compared to the old versions of UV-C lamps 75W



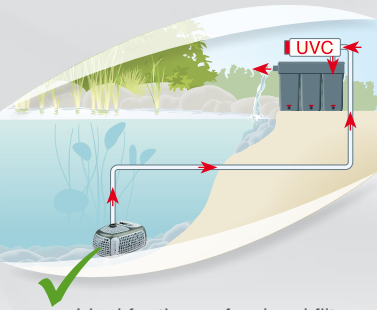
Continuously rotatable, large dimensioned 3" connections



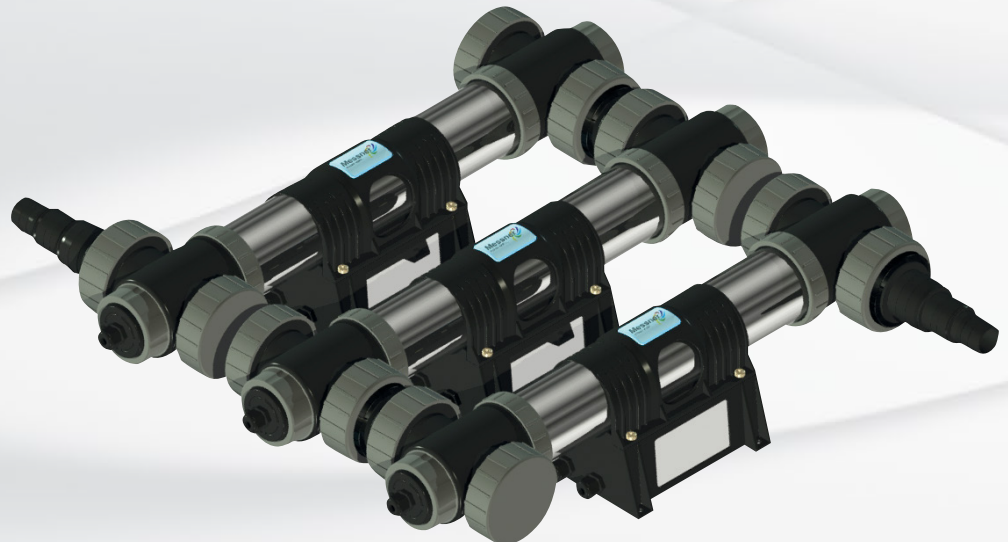
Ballast integrated in the stand



Easy combination of several devices



Ideal for the professional filter operation



Combinable with the **Messner e-ponding®** Concept (from page 14)

Available from March 2015

New



New



New



	pro-UV 36 UV-C lamps stainless steel	pro-UV 55 UV-C lamps stainless steel	pro-UV 75 UV-C lamps stainless steel
Capacity	36 W	55 W	75 W
Supply voltage	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
Dimensions L x W x H	520 x 180 x 150 mm	640 x 180 x 150 mm	960 x 180 x 150 mm
Connection	G 1½"-I – Ø 63 / 75 mm	G 1½"-I – Ø 63 / 75 mm	G 1½"-I – Ø 63 / 75 mm
Pond water volume*	18.000 l	27.500 l	37.500 l
Flow rate	min. 500 l/h max. 6.500 l/h	min. 500 l/h max. 8.000 l/h	min. 500 l/h max. 12.000 l/h
Scope of delivery	Threat insert with a G 1½"-I, 3-stage hoze nozzle with G 1½"-E Ø 32 / 40 / 50 mm adhesive socket Ø 63 and 75 mm		
Art.-No.	162 / 006170	162 / 006171	162 / 006172
Refill UV-C Lamp Art.-No.	118 / 000345	118 / 000346	2 x 118 / 000346

*2 Watt per 1.000 l pond water



max. 1 bar

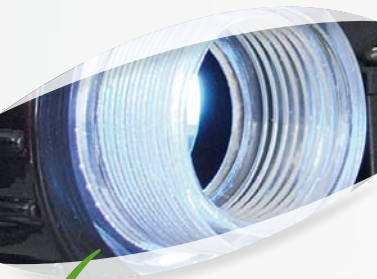


UV-C Lamps are of limited service life and should be replaced at the end of each season.



Recommendation for the dosage of UV-C light in ponds

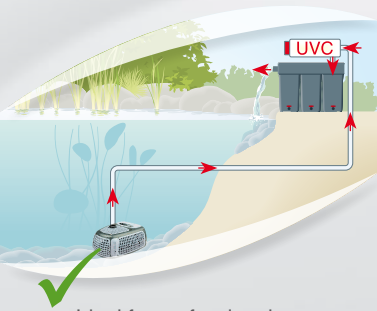
Pond type	UV-dosage per 1.000 l Pondvolume	Circulation of Pondvolume in
Garden pond	1 watts	4 hours
Fish pond	2 watts	3 hours
Koi pond	3 watts	2 hours
Formal water bodies	4 watts	1 hour



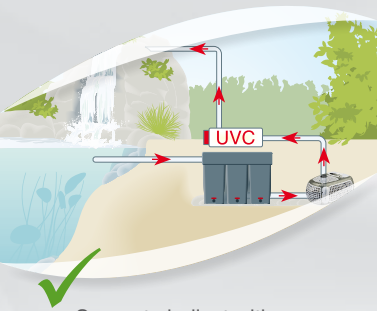
Optical function control



Rotatable inlet and outlet connections



Ideal for professional filter operation



Separate ballast with 5 m cable

UV-C Lamps



	UV-C 8 watts lamp	UV-C 16 watts lamp	UV-C 25 watts lamp
Capacity	8 W	16 W	25 W
Supply voltage	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
Dimensions L x Ø	400 x Ø 85 mm	400 x Ø 85 mm	550 x Ø 85 mm
Connection	G 1" - I	G 1" - I	G 1" - I + G 1¼" - I
Pond water volume*	4.000 l	8.000 l	12.500 l
Flow rate	min. 500 l/h max. 1.500 l/h	min. 500 l/h max. 2.500 l/h	min. 500 l/h max. 4.000 l/h
Art.-No.	162 / 002480	162 / 002481	162 / 002482
Refill UV-C lamp Art.-No.	118 / 000135	118 / 000136	118 / 000137
Refill UV-C Quartz glass Art.-No.	124 / 000062	124 / 000062	124 / 000063

*2 watts per 1.000 l of pond water



Scope of delivery


UV-C 8 watts lamp
UV-C 16 watts lamp



UV-C 25 watts lamp
UV-C 30 watts lamp
UV-C 55 watts lamp
UV-C 75 watts lamp





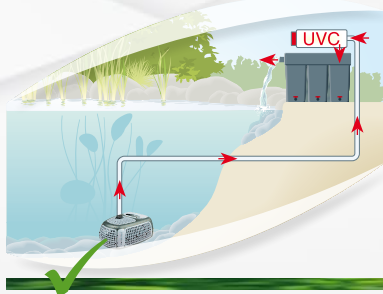
	UV-C 30 watts lamp	UV-C 55 watts lamp	UV-C 75 watts lamp	Accessories UV-C lamps
Capacity	30 W	55 W	75 W	UV-C Socket G 2" - I Art.-No. 168 / 002732 incl. sealing for optimal use of UV-C connection sizes – function control due to transparency
Supply voltage	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	
Dimensions L x Ø	1.000 x Ø 85 mm	1.000 x Ø 85 mm	1.000 x Ø 85 mm	
Connection	G 1" - I + G 1¼" - I	G 1" - I + G 1¼" - I	G 1" - I + G 1¼" - I	
Pond water volume*	15.000 l	27.500 l	37.500 l	
Flow rate	min. 500 l/h max. 6.000 l/h	min. 500 l/h max. 8.000 l/h	min. 500 l/h max. 12.000 l/h	
Art.-No.	162 / 002483	162 / 002484	162 / 002487	
Refill UV-C lamp Art.-No.	118 / 000138	118 / 000139	118 / 000185	
Refill UV-C Quartz glass Art.-No.	124 / 000064	124 / 000064	124 / 000064	



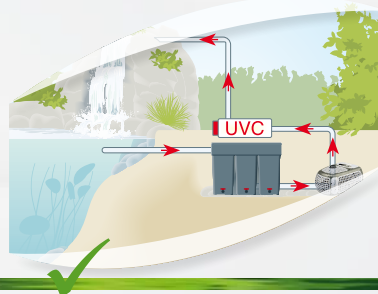
max. 1 bar



UV-C Lamps are of limited service life and should be replaced at the end of each season. Cleaning of the quartz glass tube and changing of the UV-C lamp possible **without tools**.



Installation **in front of** the filter: The UV-C lamp treats the water for algae and bacteria prior to filtration.



Installation **behind** the filter: The UV-C lamp treats the water, which has been freed of large amounts of dirt, for algae and bacteria.

UV-C Unit



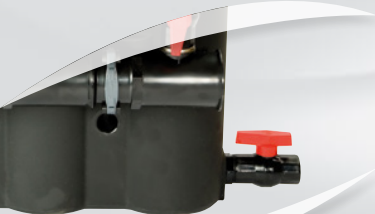
All UV-C Heads 36 watts connectable as required



Changing of light-bulbs possible during operation



Optical function control



Dirt release ball-valve G 1"- I



UV-C 144 watts PL Unit

Capacity	144 W
Supply voltage	230 V / 50 Hz
Dimensions (L x W x H)	750 x 270 x 600 mm
Connection	G 2"- I Ø 63/110
Pond water volume*	72.000 l
Flow rate	min. 2.000 l/h max. 26.000 l/h
Art.-No.	162 / 002494
Refill UV-C Lamp Art.-No.	4 x 118 / 000214
Refill UV-C Quartz glass Art.-No.	4 x 124 / 002998

*2 watts per 1.000 l of pond water
Energy savings possible by connecting the four 36 watts units as required!



max. 1 bar



UV-C Lamps are of limited service life and should be replaced at the end of each season.

UV-C Unit 144 Watts PL Professional

It is recommendable to use a UV-C lamp in conjunction with Messner filter pumps and systems.

The UV-C radiation destroys the structure of algae and bacteria and stops their reproduction to achieve their sustained elimination.

The high-performance UV-C 144 watts PL is perfect for professional use, koi-breeding for example.

Possible installation on the wall or upright.

UV-C Head



	UV-C 9 watts PL Head	UV-C 11 watts PL Head	UV-C 18 watts PL Head	UV-C 36 watts PL Head
Capacity	9 W	11 W	18 W	36 W
Supply voltage	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
Dimensions L x Ø	395 x Ø 132 mm	395 x Ø 132 mm	395 x Ø 132 mm	505 x Ø 132 mm
Connection	G 1" - E Ø 20/25/32	G 1" - E Ø 20/25/32	G 1" - E Ø 20/25/32	G 1" - E Ø 20/25/32
Pond water volume*	4.500 l	5.500 l	9.000 l	18.000 l
Flow rate	min. 500 l/h max. 1.300 l/h	min. 500 l/h max. 1.800 l/h	min. 500 l/h max. 2.800 l/h	min. 500 l/h max. 6.500 l/h
Art.-No.	162 / 004225	162 / 004226	162 / 004227	162 / 004183
Refill UV-C Lamp Art.-No.	118 / 000192	118 / 000193	118 / 000213	118 / 000214
Refill UV-C Quartz glass Art.-No.	124 / 002996	124 / 002996	124 / 002997	124 / 002998

*2 watts per 1.000 l of pond water



max. 1 bar



UV-C Lamps are of limited service life and should be replaced at the end of each season.

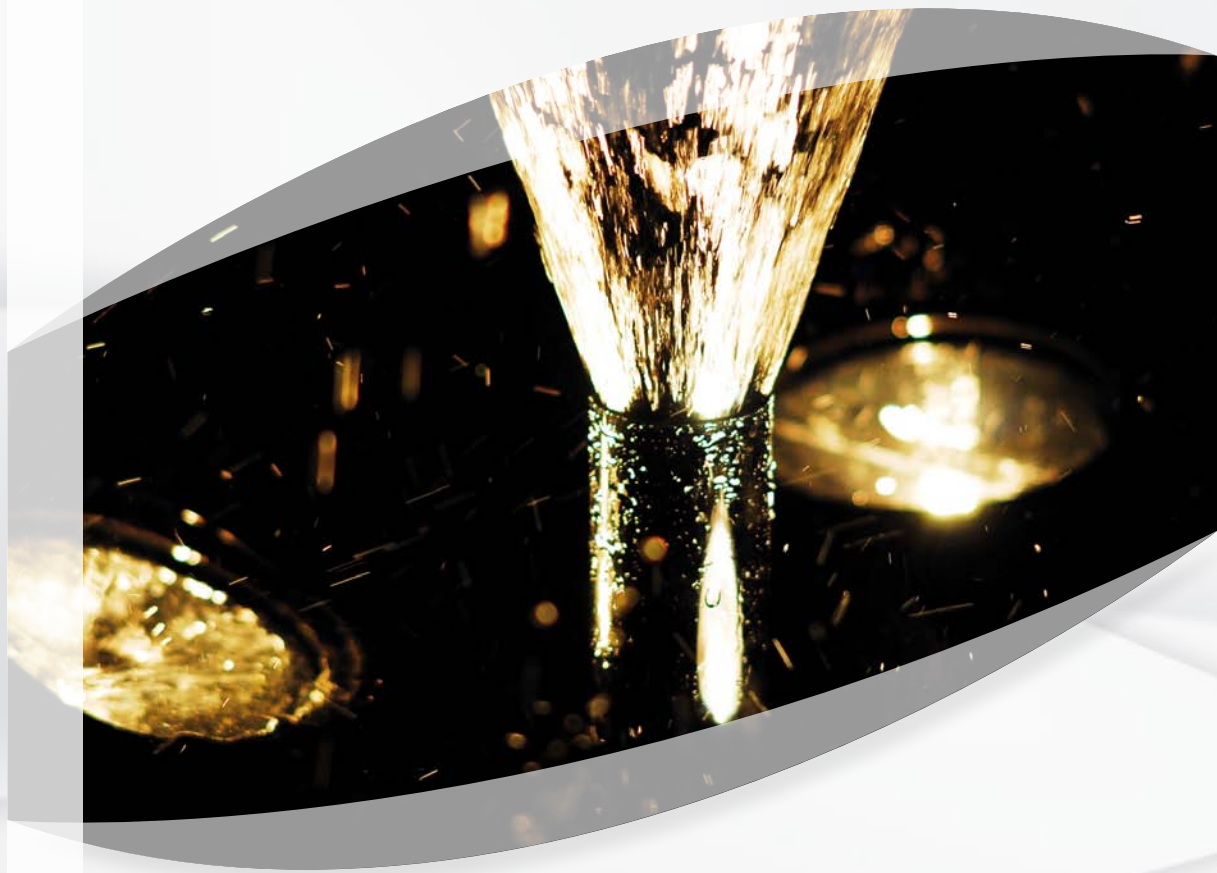


Scope of delivery

UV-C Head



Individual component in addition to existing Filter Systems



12 Volt Illumination | 12 Volt Pumps

Low Voltage 12 volts ~

Atmospheric sources of light for all applications.

12 volts ~ Underwater Floodlights

- ✓ 20 watts
- ✓ 50 watts
- ✓ 75 watts
- ✓ 100 watts

12 volts ~ Pond Pumps

- ✓ 800 l/h - 1.650 l/h



Halogen Underwater Floodlights 20 W | 50 W



Splash-proof plug



Extensive accessories:
e.g. colour disc and stand



Individual fields of application

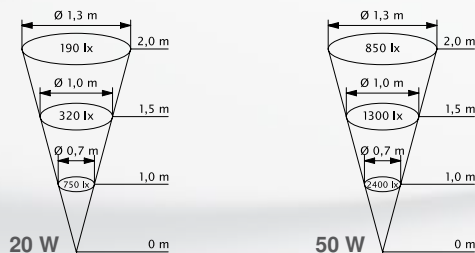


Perfectly fits open air operation:
Underwater Floodlights 20 watts



UWL 1220/5 | 1250/5
with G 1/2" clip

UWL 1220/5 | 1250/5
with stand





	UWL 1220/5	UWL 1220/5	UWL 1250/5	UWL 1250/5
Power consumption	20 W	20 W	50 W	50 W
Operating voltage	12 V ~	12 V ~	12 V ~	12 V ~
Supply voltage	230 V / 50 Hz		230 V / 50 Hz	
Dimensions H x Ø	68 x 75 mm	68 x 75 mm	68 x 75 mm	68 x 75 mm
Scope of delivery	<ul style="list-style-type: none"> · Cable 7,5 m · Holder G ½" + G 1" · Colour Discs · Ground Spike · Stand · Transformer 20 VA 	<ul style="list-style-type: none"> · Cable 7,5 m · Holder G ½" Clip · Colour Discs · Stand 	<ul style="list-style-type: none"> · Cable 7,5 m · Holder G ½" + G 1" · Colour Discs · Stand · Transformer 50 VA 	<ul style="list-style-type: none"> · Cable 7,5 m · Holder G ½" + G 1" · Colour Discs · Stand
Art.-No.	170 / 002896	170 / 002872	170 / 002903	170 / 002882
Required transformer (VDE)**		20 VA		50 VA
Fits open air operation	yes	yes	no	no
Accessories				
Transformer Art.-No.		186 / 002986		186 / 002987
Stand Plate – Ø 150 mm Art.-No.	168 / 002968	168 / 002968	168 / 002968	168 / 002968
4-Coloured Illumination G ½" Art.-No.	154 / 001330	154 / 001330	154 / 001330	154 / 001330
4-Coloured Illumination G 1" Art.-No.	154 / 001340		154 / 001340	154 / 001340



*not including bulbs

**not within the scope of delivery

Underwater Floodlights 20 watts and 50 watts

Using halogen bulbs, these lamps are of long service life and achieve extremely high light output and efficiency.

Halogen lamps provide considerable energy-saving benefits compared to conventional lamps.

The floodlight has a temperature change resistant Tempax glass cover and glass fibre reinforced plastic housing.

The 50 watts floodlight is suitable for use in water, with the 20 watts also being suitable for open air set up.

Halogen Underwater Floodlights 100 W

UWL 12100 with stand



Extensive accessories



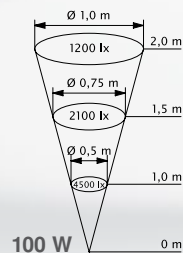
Ideal for illuminating fountains



Ideal for illuminating objects



Perfectly fits open air operation





	UWL 12100	UWL 12100	Accessories Underwater Floodlights
Power consumption	100 W	100 W	Stand Plate – Ø 150 mm Art.-No. 168 / 002968
Operating voltage	12 V ~	12 V ~	
Supply voltage	230 V / 50 Hz	230 V / 50 Hz	For a quick mounting of the Underwater Floodlights UWL 20 - 50 W and UWL 75 - 100 W in ponds, screws not included.
Dimensions H x Ø	135 x 140 mm	135 x 140 mm	
Scope of delivery	<ul style="list-style-type: none"> · Cable 10 m · Colour Discs · Stand · Transformer 100 VA 	<ul style="list-style-type: none"> · Cable 10 m · Stand 	
Art.-No.	170 / 002920	170 / 001241	
Required transformer (VDE)**		105 VA	
Fits open air operation	yes	yes	
Accessories			
Transformer Art.-No.		186 / 002989	
Stand Plate – Ø 150 mm Art.-No.	168 / 002968	168 / 002968	
4-Coloured Illumination Art.-No.		168 / 002965	



*not including bulbs

**not within the scope of delivery

Underwater Floodlights 100 watts

This lamp can be used anywhere and is ideal for illuminating fountains and water displays as well as for outdoor applications to floodlight objects and buildings.

The power cable can be detached from the transformer. The floodlight has a temperature change resistant Tempax glass cover and glass fibre reinforced plastic housing.

Halogen Underwater Floodlights 3-Set



Use UWL 3-Set
20 watts | 50 watts



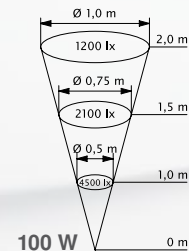
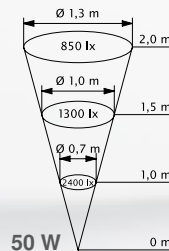
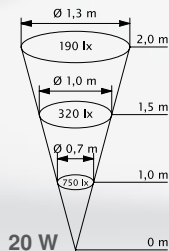
Use UWL 3-Set
100 watts






Use UWL 3-Set
20 watts | 50 watts



Use UWL 3-Set
100 watts





UWL 3-Set			
Power consumption	3 x 20 W	3 x 50 W	3 x 100 W
Operating voltage	12 V ~	12 V ~	12 V ~
Supply voltage	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
Dimensions H x Ø	3 x 68 x 75 mm	3 x 68 x 75 mm	3 x 135 x 140 mm
Scope of delivery	<ul style="list-style-type: none"> · 3 x Cable 7,5 m · 3-fold Holder G ½" + G 1" · 3 x Colour Discs · 3 x Ground Spike · 3 x Stand · Transformer 70 VA 	<ul style="list-style-type: none"> · 3 x Cable 7,5 m · 3-fold Holder G ½" + G 1" · 3 x Colour Discs · 3 x Stand · Transformer 150 VA 	<ul style="list-style-type: none"> · Cable 10 m / 2 x 6 mm² · 3 x Colour Discs · 3 x Stand · Transformer 300 VA
Art.-No.	170 / 002915	170 / 002912	170 / 002916
Fits open air operation	yes	no	yes
Accessories			
4-Coloured Illumination G ½" Art.-No.	154 / 001330	154 / 001330	
4-Coloured Illumination G 1" Art.-No.	154 / 001340	154 / 001340	
Stand Plate – Ø 150 mm Art.-No.	168 / 002968	168 / 002968	168 / 002968



*not including bulbs



Accessories
for UWL 20 - 50 W

Alternating 4-Coloured Illumination G ½"
Art.-No. 154 / 001330

Alternating 4-Coloured Illumination G 1"
Art.-No. 154 / 001340

For the installation with jet nozzles ½" and 1"



Stand Plate – Ø 150 mm
Art.-No. 168 / 002968



For the quick mounting of the Underwater Floodlights UWL 20 - 50 W and UWL 75 - 100 W in ponds, screws not included.

Halogen Underwater Floodlights in Tec-Design

Customized installation by 2 cable entries

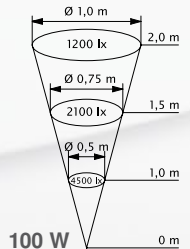
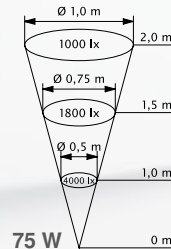
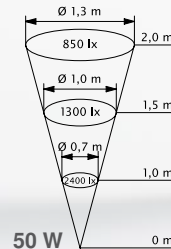
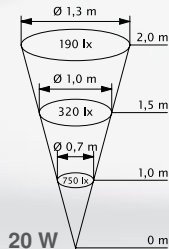
Stand Plate for fast anchoring in the pond

Ideal for illuminating water features

Perfectly fits open air operation: 20 W, 75 W and 100 W Floodlights

UWL/Tec stand included

UWL/Tec stand plate included





Underwater Floodlights	UWL 1220/Tec	UWL 1250/Tec	UWL 1275/Tec	UWL 12100/Tec
Power consumption	20 W	50 W	75 W	100 W
Operating voltage	12 V ~	12 V ~	12 V ~	12 V ~
Dimensions H x Ø	115 x 75 mm	115 x 75 mm	135 x 140 mm	135 x 140 mm
Scope of delivery	· Stand Plate · Stand	· Stand Plate · Stand	· Stand Plate · Stand	· Stand Plate · Stand
Art.-No.	170 / 002873	170 / 002883	170 / 002922	170 / 002921
Required transformer (VDE)**	20 VA	50 VA	105 VA	105 VA
Fits open air operation	yes	no	yes	yes
Accessories				
Colour Disc Set Art.-No.	168 / 002969	168 / 002969	168 / 002965	168 / 002965
Transformer Art.-No.	186 / 002986	186 / 002987	186 / 002989	186 / 002989



*not including bulbs

**not within the scope of delivery

Underwater Floodlights in Tec-Design with 2 Cable entries

An innovative lighting variant. Each of these lights has two cable entries.

This modular system enables custom installation of multiple spotlights with desired cable lengths on just one transformer, which significantly

reduces the number of electrical lines in and around the pond. The underwater floodlights can be universally implemented and they are ideal for illuminating fountains and water features.

The 20, 75 and 100 watts lights can also be used outside the pond.

The halogen bulbs in these lights

achieve extremely high luminous efficiency and long service life. This results in significant energy savings in comparison with conventional bulbs.

The floodlight has a temperature change resistant Tempax glass cover and glass fibre reinforced plastic housing.

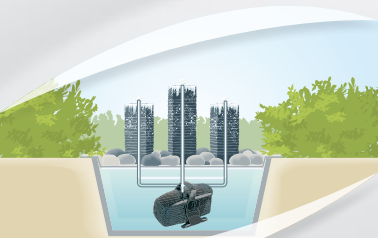
12 volts Pond Pumps



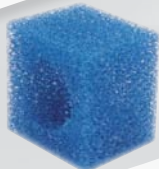
Water volume control by Height Adjuster



Optimal for use of fountain displays



Optimal for the operation of Natural Stone Fountains



Fine Mesh Foam Filter to protect the nozzles against dirt



	System M 800 - 12 V	System M 1200 - 12 V	System M 1600 - 12 V
	13 l/min 800 l/h	21 l/min 1.260 l/h	27 l/min 1.650 l/h
	1,3 m	1,8 m	2,2 m
	14 W	20 W	25 W
	12 V ~ / 50 Hz	12 V ~ / 50 Hz	12 V ~ / 50 Hz
	190 x 112 x 112	190 x 112 x 112	190 x 112 x 112
	G 1/2" - E	G 1/2" - E	G 1/2" - E
	Ø 25 mm	Ø 25 mm	Ø 25 mm
Art.-No.	186 / 001390	186 / 001391	186 / 001392



*not including rotor unit (part subject to wear)



Scope of delivery

System M 800 - 12 V
System M 1200 - 12 V
System M 1600 - 12 V



Accessories 12 volts

for Underwater Floodlights and Pond Pumps



Transformers

1 W - 20 W	Art.-No. 186 / 002986
21 W - 50 W	Art.-No. 186 / 002987
51 W - 70 W	Art.-No. 186 / 002988
71 W - 105 W	Art.-No. 186 / 002989
106 W - 150 W	Art.-No. 186 / 002990

VDE certificated - **IP44 splash-proof**

Which transformer do I need?

Simply add together the number of watts of all the devices selected. The transformer must not be too small but also not too large. For example, at a total of 56 watts, the 70 VA transformer must be used; at 73 watts the 105 VA transformer is appropriate – very simple!

Supply voltage 230 V / 50 Hz



Adapter

Art.-No. 186 / 002967

IP44 splash-proof

For the connection of one or more units to a 12 volts transformer (up to max. 50 watts).



Accessories (page 102)

Underwater Distribution Box Sixfold and Underwater Cable Connection



Accessories | EasyFitt

Extensive accessories for your garden pond.

Accessories

- ✓ Pond Vacuum Cleaner
- ✓ Speed Governor
- ✓ Cleaner for Pumps
- ✓ Underwater Distributing Box
- ✓ Underwater Cable Connection
- ✓ Pre-Filter
- ✓ Aeration Jets
- ✓ Height Adjuster
- ✓ Drain Ball-Valve
- ✓ Ball Joint
- ✓ Cross Fitting
- ✓ Extension
- ✓ EasyFitt



Pond Vacuum Cleaner

Clean&Easy

For an easy and accurate cleaning of garden-, koi- and swimming ponds.
Gathering of coarse debris in the included net bags, fine particles are pumped out by the drain hose.



✓
10 m drain hose with quick-action coupling



✓
Suction power of up to 240 mbar



✓
Extensive range of accessories



✓
Comfortable transportation



	Clean&Easy 1200	Scope of delivery Clean&Easy 1200
Suction turbine	1200 W	
Suction power	240 mbar	
Suction output	up to 8.000 l/h	
Waste water pump	800 W	
Flow rate	up to 13.000 l/h	
Suction hose	8,0 m	
Drain hose	10,0 m	
Hose diameter	38 mm	
Cable	10,0 m	
Weight	23 kg	
Scope of delivery	4 suction tubes, floor exhauster with rubber lips, round brush, suction nozzle	
Art.-No.	162 / 006020	



CE

Suction without interruption: The pond vacuum cleaner made for professionals

Technical innovation packed into a compact, state-of-the-art design. Its optimised turbine technology allows the Clean&Easy 1200 to generate a suction output of up to 8.000 l/h, which sets it apart from other

competitors in the 38 mm class. The suction turbine generating this power is quiet, and operates with great energy efficiency. Generating a suction power of up to 240 mbar, the suction turbine is sure to aspirate leaves and sediments that have settled up to 2.5 metres deep inside the pond. Operating in continuous mode, the turbine sucks pond

sludge and dirt into the housing, while a separate waste water pump transports the waste water further into the 10 m drain hose. Larger portions such as leaves are separated in a dirt catching back inside the housing, while finer particles with a diameter of less than 5 mm are pumped further through the hose and, for instance,

into the drain. A device for the ambitious pond owner including all necessary accessories.



Hose Nozzle with Union Nut and O-Ring

G 1/2" - I	Ø 13-14/20/25 mm	Art.-No. 168 / 002854
G 3/4" - I	Ø 19-20/25/32 mm	Art.-No. 168 / 002855
G 1" - I	Ø 19-20/25/32 mm	Art.-No. 168 / 002856
G 1 1/4" - I	Ø 32/40 mm	Art.-No. 168 / 002857
G 1 1/2" - I	Ø 40/50 mm	Art.-No. 168 / 002858
G 2" - I	Ø 50/63 mm	Art.-No. 168 / 002859

Easy handling –
no twisted hoses anymore



Hose Nozzle incl. Clip and Sealing

G 1 1/4" - E	Ø 25/32/40 mm	Art.-No. 168 / 002863
G 1 1/2" - E	Ø 40/50 mm	Art.-No. 168 / 002864
G 2" - E	Ø 50/63 mm	Art.-No. 168 / 002865

For Pond Hose Profi



Pond Hose Profi

Ø 32 mm 50 m Roll	Art.-No. 168 / 068032
Ø 40 mm 50 m Roll	Art.-No. 168 / 068040
Ø 50 mm 25 m Roll	Art.-No. 168 / 068050
Ø 63 mm 25 m Roll	Art.-No. 168 / 068063



max. 2 bar

Used in the pond, the black hose is almost invisible. It is particularly suitable as connection to filter systems and laying in the ground. The flexible, ribbed design allows the installation around corners without buckling. **UV-resistant!** Temperature resistance + 50 °C/- 15 °C



Hose connection system



Hose connection system



Connection with Elbow



Connection with T-Piece



Ribbed Hose

Ø 20 mm 30 m Roll	Art.-No. 168 / 066031
Ø 25 mm 30 m Roll	Art.-No. 168 / 066051
Ø 32 mm 30 m Roll	Art.-No. 168 / 066061
Ø 40 mm 30 m Roll	Art.-No. 168 / 066071
Ø 50 mm 20 m Roll	Art.-No. 168 / 066081



Hose Connector EasyFitt

G ½" - E Ø 20	Art.-No. 168 / 002695
G 1" - E Ø 25	Art.-No. 168 / 002696
G 1" - E Ø 32	Art.-No. 168 / 002697
G 1¼" - E Ø 40	Art.-No. 168 / 002698
G 1½" - E Ø 50	Art.-No. 168 / 002699



Elbow

G ½" - I	Art.-No. 168 / 002756
G 1" - I	Art.-No. 168 / 002757
G 1¼" - I	Art.-No. 168 / 002758
G 1½" - I	Art.-No. 168 / 002759
G 2" - I	Art.-No. 168 / 002760



max. 1 bar

Used in the garden pond, the black hose is almost invisible. The maximum permissible pressure is 1 bar. The ribs allow the hose to be laid around corners without buckling.

The Fitting System especially designed for Ribbed Hoses

Troublesome screwing of hose clips is a thing of the past: EasyFitt is assembled in seconds, no tools needed, and stays tight.

Advantages

- Simple assembly, no tools required
- No danger of injuries caused by sharp-edged clips
- Can be used in and outside the pond
- No cross sectional loss inside the hose
- Secure seating: does not slip off



T-Piece

G ½" - I	Art.-No. 168 / 002753
G 1" - I	Art.-No. 168 / 002752
G 1¼" - I	Art.-No. 168 / 002754
G 1½" - I	Art.-No. 168 / 002755
G 2" - I	Art.-No. 168 / 002751



Socket



Double Nipple



Reducing Piece



Reducing Piece



Socket

G 1/2" - I **Art.-No. 168 / 002741**

G 1" - I **Art.-No. 168 / 002750**

G 1 1/4" - I **Art.-No. 168 / 002749**

G 1 1/2" - I **Art.-No. 168 / 002748**

G 2" - I **Art.-No. 168 / 002747**



Reducing Socket

G 1" - I / G 1/2" - I **Art.-No. 168 / 002800**

G 1" - I / G 3/4" - I **Art.-No. 168 / 002823**

G 1 1/4" - I / G 1" - I **Art.-No. 168 / 002820**

G 1 1/2" - I / G 1" - I **Art.-No. 168 / 002822**

G 1 1/2" - I / G 1 1/4" - I **Art.-No. 168 / 002821**

G 2" - I / G 1 1/2" - I **Art.-No. 168 / 002824**



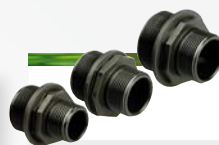
Double Nipple

G 1" - E **Art.-No. 168 / 002714**

G 1 1/4" - E **Art.-No. 168 / 002713**

G 1 1/2" - E **Art.-No. 168 / 002712**

G 2" - E **Art.-No. 168 / 002711**



Reducing Double Nipple

G 1 1/4" - E / G 1" - E **Art.-No. 168 / 002723**

G 1 1/2" - E / G 1 1/4" - E **Art.-No. 168 / 002722**

G 2" - E / G 1 1/2" - E **Art.-No. 168 / 002721**



Reducing Piece

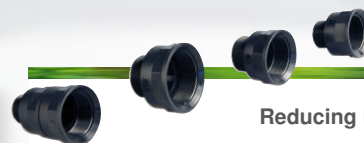
G 1" - E / G 1/2" - I **Art.-No. 168 / 002781**

G 1 1/4" - E / G 1" - I **Art.-No. 168 / 002780**

G 1 1/2" - E / G 1" - I **Art.-No. 168 / 002783**

G 1 1/2" - E / G 1 1/4" - I **Art.-No. 168 / 002782**

G 2" - E / G 1 1/2" - I **Art.-No. 168 / 002785**



Reducing Piece

G 1 1/4" - I / G 1" - E **Art.-No. 168 / 002773**

G 1 1/2" - I / G 1" - E **Art.-No. 168 / 002772**

G 1 1/2" - I / G 1 1/4" - E **Art.-No. 168 / 002784**

G 2" - I / G 1 1/2" - E **Art.-No. 168 / 002771**



Adjustable at will: Ball Joint



Cross Fitting



Y-Connector with Ball-Valves



Extension



G 2" - I

Cross Fitting

Art.-No. 168 / 002670



G 1" - I / G 1 1/4" - I

Ball Joint

Art.-No. 168 / 002510



G 2" - E

Y-Connector

Art.-No. 168 / 002660

Ideal fitting for leading off pipes. Dry application in use of our ballvalves possible – due to its water resistance



G 1/2" - E

Extension

Continuously height-adjustable from 165 mm to 280 mm

Art.-No. 168 / 002830

Continuously height-adjustable from 270 mm to 440 mm

G 1" - E

Art.-No. 168 / 002841

Telescopic extensions for jet operation.

Continuously height-adjustable from 300 mm to 500 mm

G 1 1/2" - E

Art.-No. 168 / 002842

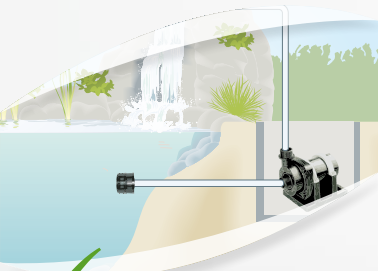
Continuously height-adjustable from 380 mm to 640 mm

G 2" - E

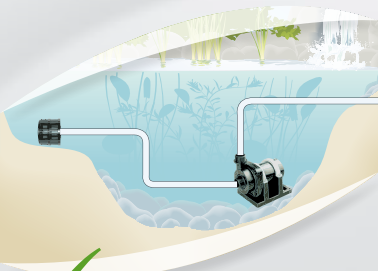
Art.-No. 168 / 002843



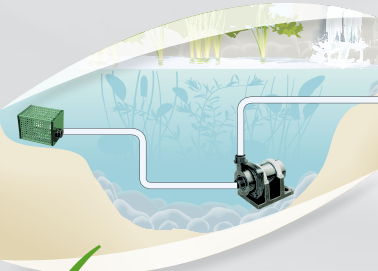
Use for nozzle operation



Use in non-submersible installation



Use as external suction filter



Use as external suction filter



Pre-Filter Ø 120

G 1¼" - I **Art.-No. 168 / 009137**

G 1½" - I **Art.-No. 168 / 009138**

G 2" - I **Art.-No. 168 / 009139**

**Extension Module
Ø 120**

Art.-No. 168 / 009140

Special Pre-Filter for special applications.
A modular system that can be extended as desired.



Can be expanded several times, extends the cleaning interval.



Pre-Filter – coarse

green

G 1" - E / G 1¼" - I **Art.-No. 168 / 009050**



Pre-Filter – fine

black

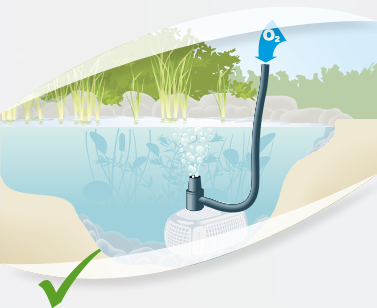
G 1" - E / G 1¼" - I **Art.-No. 168 / 009051**

These Pre-Filters are connected by means of a hose to the pump allowing the pump to remain at the centre of the pond and the filter to be cleaned easily on the bank of the pond.
Material: plastic

Flow rate

Pre-Filter – coarse 3.000 l/h - 13.000 l/h

Pre-Filter – fine 3.500 l/h - 10.000 l/h



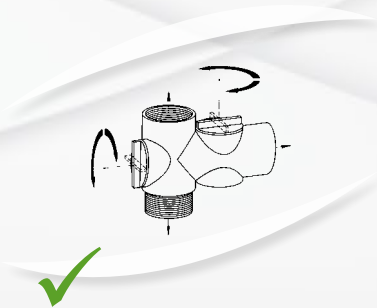
Aeration Jets



Drain Ball-Valve



Height Adjuster G 1/2" - E,
G 1" - E and G 1 1/2" - E



Height Adjuster G 1/2" - E,
G 1" - E and G 1 1/2" - E



Aeration Jets

with Hose Connection
Ø 13 mm

G 1/2" - E **Art.-No. 168 / 002530**

with Hose Connection
Ø 20 mm

G 1" - E **Art.-No. 168 / 002531**



Drain Ball-Valve

G 1" - I **Art.-No. 168 / 002545**

G 1 1/2" - I **Art.-No. 168 / 002543**

G 2" - I **Art.-No. 168 / 002542**

With this Drain Ball-Valve the water flow rate can be regulated. Additionally the Drain Ball-Valve can be used as a basin passage.

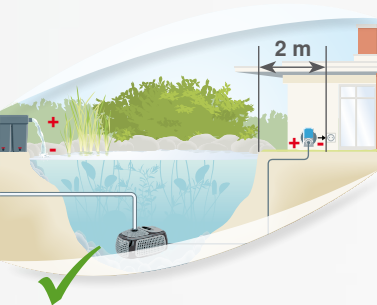


Height Adjuster

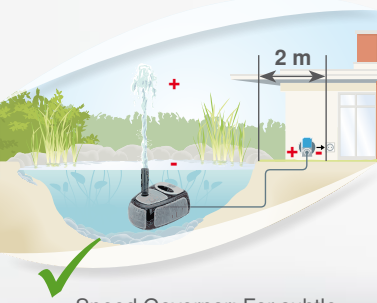
G 1/2" - E **Art.-No. 164 / 002549**

G 1" - E **Art.-No. 164 / 002551**

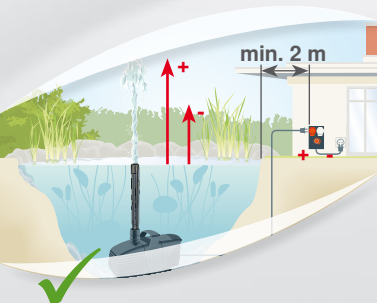
G 1 1/2" - E **Art.-No. 164 / 002548**



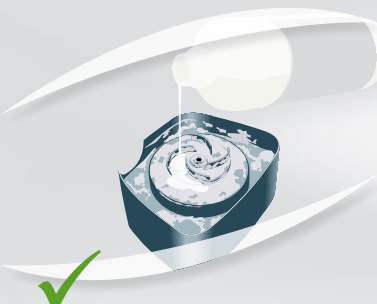
Speed Governor:
For subtle tuning of flow volume



Speed Governor: For subtle
tuning of fountain levels



Speed Governor: For subtle
tuning of fountain levels



Cleaner for Pumps

Speed Governor

Supply voltage: 230 V / 50 Hz

DS 350 **Art.-No. 168 / 002974**

Range of adjustment 350 W - 20 W



IP44 – Splash water protected housing

Suitable for pumps with Asynchronous Motor Technology: eco-X2 4500 - eco-X2 20000
eco-X2 plus 10000 - eco-X2 plus 25000
eco-Tec2 4500 - eco-Tec2 20000
eco-Tec2 plus 10000 - eco-Tec2 plus 25000
power-X2 4000 - power-X2 14000
power-Tec2 4000 - power-Tec2 14000
eco-XN 4500 - eco-XN 16000

NS 4033 **Art.-No. 168 / 002973**

Range of adjustment max. 2.000 W



IP50 – Splash water protected housing

2 plug sockets (regulated, unregulated)

Suitable for pumps:
MultiSystem M 20000 - M 40000
MultiSystem MP 21000 - MP 35000

For infinitely variable adjusting fountain heights and flow volumes. Pumps are easily regulated by means of a turning knob on the speed governor. By reducing the power input of the pump the energy consumption cuts down, too. The unit is simply plugged in between the socket and the pump. The turning knob can also be used to turn off the pump. Perfectly suitable for fine adjustment of flow volumes when using filter systems.

Hint:
Better give preference to a larger pump and reduce the flow rate either by means of a speed governor or a height adjuster.

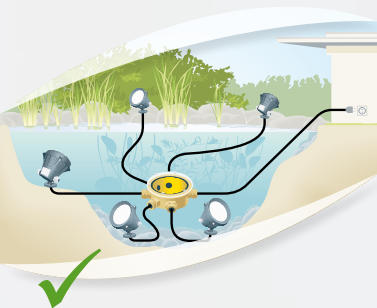


Cleaner for Pumps

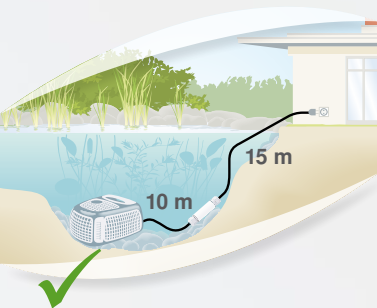
1 liter

Art.-No. 168 / 009115

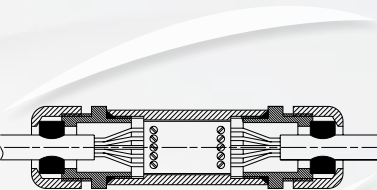
For cleaning of pumps, fittings and underwater floodlights.
100% biodegradable



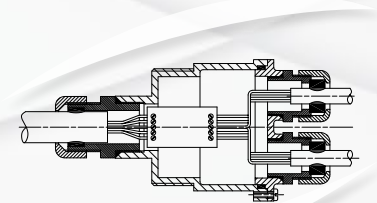
Underwater Distributing Box Sixfold



Underwater Cable Connection





Underwater Cable Connection



Underwater Cable Connection III



Underwater Distributing Box Sixfold

IP 68  
 6 x cable Ø 6 - 12 mm
 clamp cross-section
 6 x 6 mm², 12 x 2,5 mm²

Art.-No. 168 / 002651

With this Distributing Box Sixfold the cable size (Ø 6 - 12 mm) of various electrical devices located in the pond can be connected waterproof.





Cable Screwing

Art.-No. 118 / 000231

For enlarging the Underwater Distributing Box Sixfold to cable size Ø 10 - 14 mm



Underwater Cable Connection

IP 68  
 cable Ø 6 - 13 mm
 clamp cross-section
 5 x 2,5 mm²

voltages max. 400 V



Art.-No. 168 / 002650

cable Ø 7 - 21 mm
 clamp cross-section
 5 x 1,5 - 6,0 mm²

Art.-No. 168 / 002652

For the waterproof connection of electrical devices cable

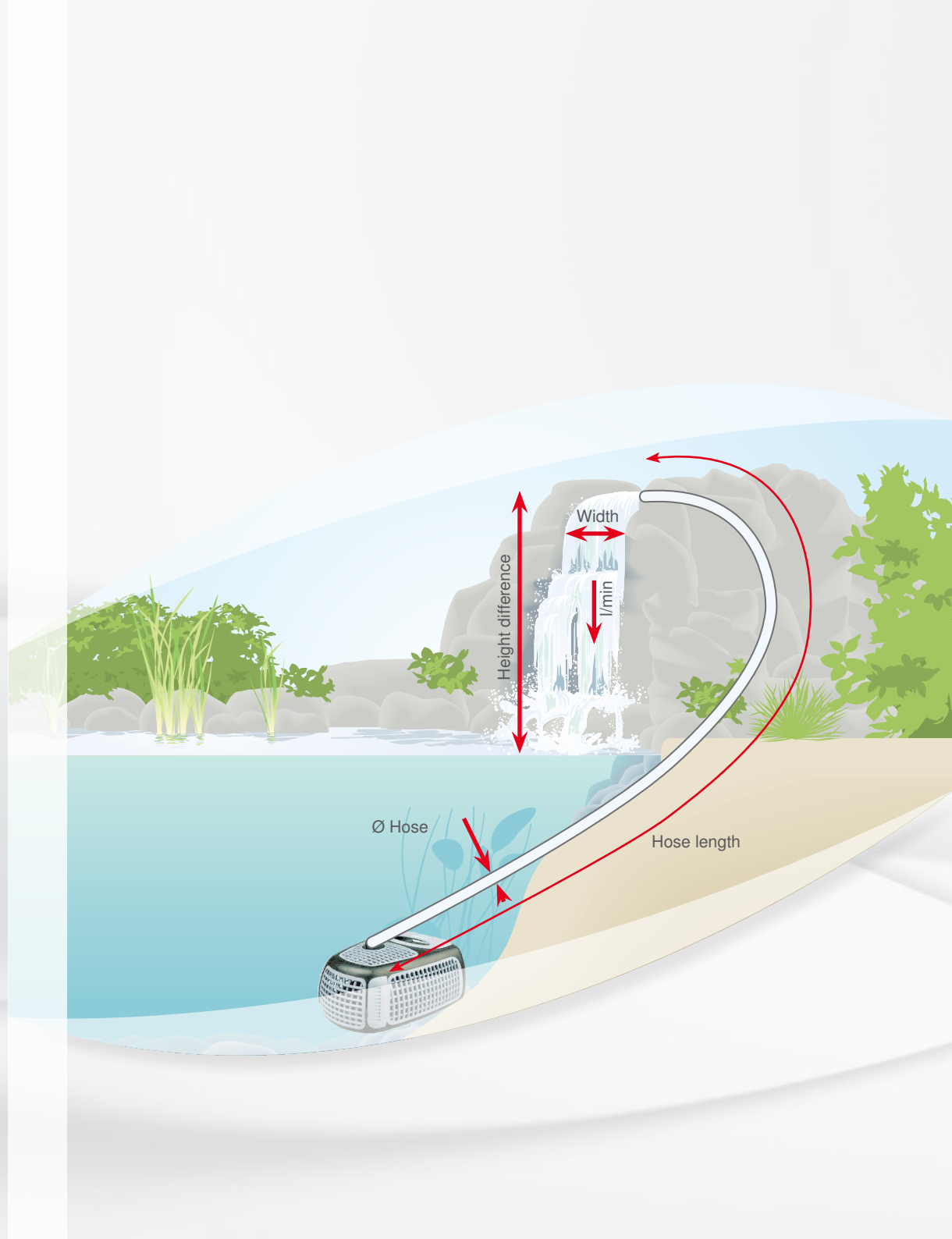
Underwater Cable Connection III

IP 68  
 2 x cable Ø 6 - 13 mm
 1 x cable Ø 9 - 21 mm
 clamp cross-section
 5 x 1,5 - 6,0 mm²

voltages max. 400 V

Art.-No. 168 / 002654

For the waterproof connection of electrical devices cable



Waterfall & Brook

Table for Waterfall		Recommended effective flow rates for waterfalls			
Width of the waterfall	20 cm	40 cm	60 cm	80 cm	
Height of the waterfall					
20 cm	22 l/min	35 l/min	47 l/min	60 l/min	
40 cm	30 l/min	47 l/min	63 l/min	83 l/min	
60 cm	42 l/min	62 l/min	83 l/min	108 l/min	
80 cm	50 l/min	73 l/min	97 l/min	124 l/min	

Table for Brook		Recommended effective flow rates for brooks			
Width of the brook (range)	20 cm	40 cm	60 cm	80 cm	
from min.	30 l/min	50 l/min	70 l/min	100 l/min	
to approx.	50 l/min	70 l/min	100 l/min	130 l/min	

Attention must be paid to the effective flow rate when selecting the pump: in other words, the amount of water that still arrives at the beginning of the waterfall. This must be calculated on the basis of the maximum pump delivery, the height difference between the water level and the outlet, the hose length and the hose diameter.

This table lists the flow rates volumes in liter per minute (l/m).

The highlighted figures indicate the values at which hose length, hose diameter and delivery volume match best.

Waterfall & Brook



	system-X 3000			system-X 4000			eco-X2 eco-Tec2 4500			
Hose length	5 m	10 m	15 m	5 m	10 m	15 m	5 m	10 m	15 m	
Hose Ø 20 mm										
Height difference										
l/min	0,5 m	15	14	13	16	15	14			
l/min	1,0 m	13	12	11	14	13	12			
l/min	1,5 m	11	10	9	12	11	10			
l/min	2,0 m	9	8	7	10	9	8			
Hose Ø 25 mm										
Height difference										
l/min	0,5 m	33	31	30	35	32	31	43	39	35
l/min	1,0 m	29	27	25	29	27	25	37	33	30
l/min	1,5 m	22	20	18	24	22	21	31	28	25
l/min	2,0 m	17	14	13	18	16	15	24	22	20
Hose Ø 32 mm										
Height difference										
l/min	0,5 m	45	40	36	48	41	36	59	55	50
l/min	1,0 m	35	32	29	38	33	29	50	45	42
l/min	1,5 m	26	25	23	28	26	23	42	37	33
l/min	2,0 m	18	17	16	20	19	16	30	27	26
Hose Ø 40 mm										
Height difference										
l/min	0,5 m							68	67	62
l/min	1,0 m							58	57	50
l/min	1,5 m							46	45	40
l/min	2,0 m							33	31	27
Hose Ø 50 mm										
Height difference										
l/min	0,5 m									
l/min	1,0 m									
l/min	1,5 m									
l/min	2,0 m									
Hose Ø 63 mm										
Height difference										
l/min	0,5 m									
l/min	1,0 m									
l/min	1,5 m									
l/min	2,0 m									

The data of the asynchronous motor pumps have been taken by Pond Hose Profi

Waterfall & Brook



	MultiSystem M 20000			MultiSystem M 26000			MultiSystem M 33000			MultiSystem M 40000			
Hose length	5 m	10 m	15 m	5 m	10 m	15 m	5 m	10 m	15 m	5 m	10 m	15 m	
Hose Ø 25 mm													
Height difference													
l/min	0,5 m												
l/min	1,0 m												
l/min	1,5 m												
l/min	2,0 m												
Hose Ø 32 mm													
Height difference													
l/min	0,5 m												
l/min	1,0 m												
l/min	1,5 m												
l/min	2,0 m												
Hose Ø 40 mm													
Height difference													
l/min	0,5 m	220	193	174	270	233	203						
l/min	1,0 m	208	188	166	254	221	194						
l/min	1,5 m	198	178	154	243	212	188						
l/min	2,0 m	186	166	144	227	197	177						
Hose Ø 50 mm													
Height difference													
l/min	0,5 m	261	250	222	318	304	276	380	345	308			
l/min	1,0 m	246	228	210	305	288	262	372	331	299			
l/min	1,5 m	228	216	198	287	274	245	354	320	284			
l/min	2,0 m	208	197	180	268	254	231	331	304	269			
Hose Ø 63 mm													
Height difference													
l/min	0,5 m										520	484	476
l/min	1,0 m										496	462	446
l/min	1,5 m										472	440	422
l/min	2,0 m										450	410	390

New

Overview of new products:



Messner-Pumpenlinien 12 volts und 230 volts

- 06 Pond Pump One-Q 10.000 - 20.000 litres 230 volts
- 08 Built-in Pump One-Tec 10.000 - 20.000 litres 230 volts
- 10 Pond Pump One-Q 10.000 - 20.000 litres 12 volts
- 12 Built-in Pump One-Tec 10.000 - 20.000 litres 12 volts



Messner Energy management devices e-ponding®

- 14 Messner e-ponding® Concept

Messner Pumps

- 26 eco-X2 plus 25.000 litres
- 32 eco-Tec2 plus 25.000 litres



Messner Water Design

- 67 Water Display Versailles VA stainless steel
- 71 Foam Jet G 1"- E stainless steel
- 71 Calyx Jet G 1"- E stainless steel
- 76 Ball and Socket Joint G 1½" nickel-plated



Messner Filtration

- 83 Tele Skimmer 200
- 84 pro-UV 36 - 75 UV-C Lamps stainless steel



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Messner®

moves water...



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We reserve the right to make changes for further technical improvement.

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