

Amazing Water

Purifying
Moving
Shaping
Vitalising
Illuminating
Installing



Pumps and fittings

Programme and technical specifications 2026

MOVING WATER



Fountains



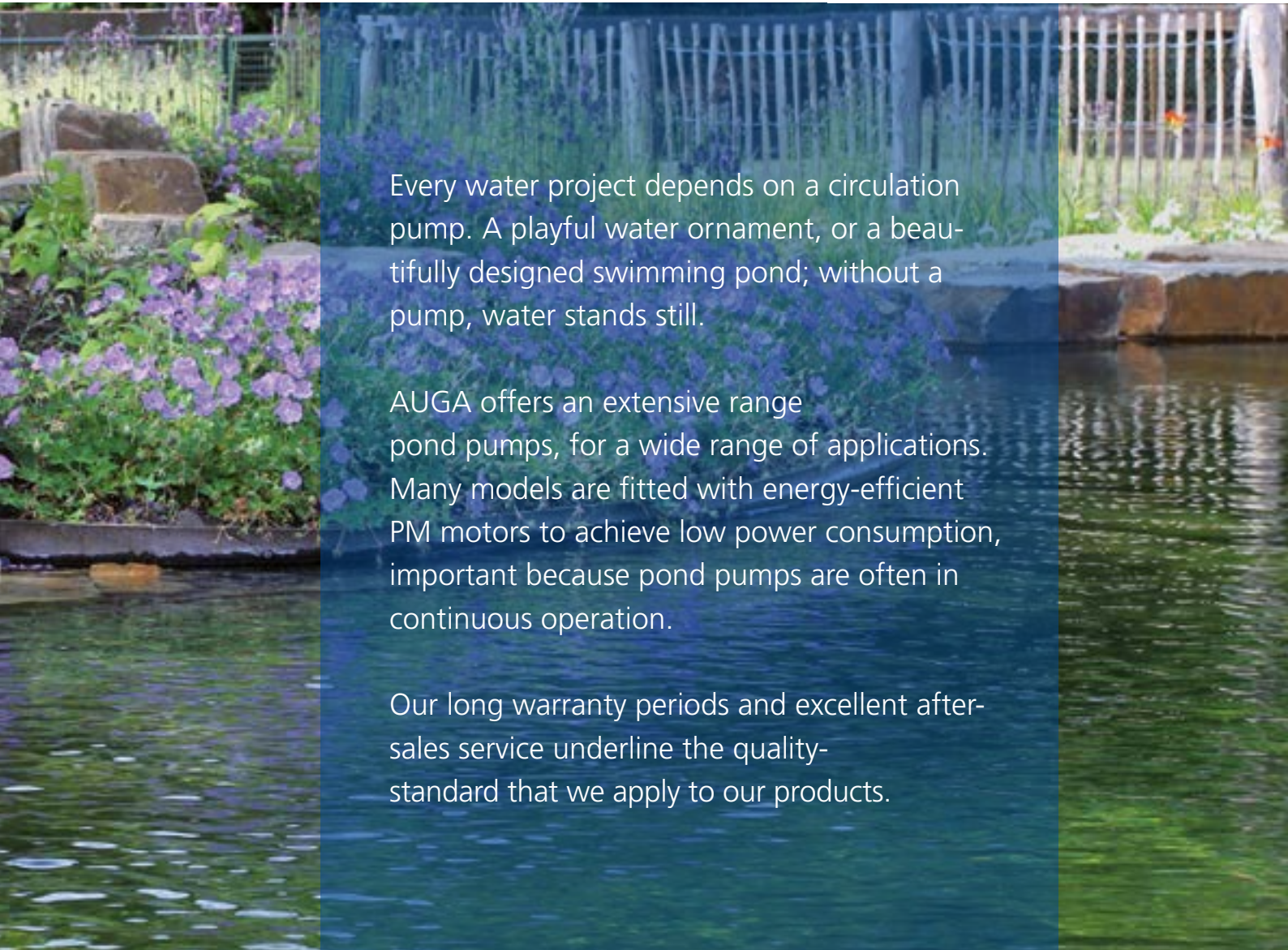
Filter systems



Waterfalls



Streams



Every water project depends on a circulation pump. A playful water ornament, or a beautifully designed swimming pond; without a pump, water stands still.

AUGA offers an extensive range pond pumps, for a wide range of applications. Many models are fitted with energy-efficient PM motors to achieve low power consumption, important because pond pumps are often in continuous operation.

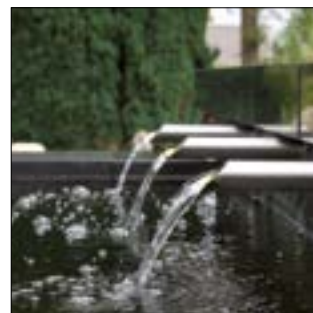
Our long warranty periods and excellent after-sales service underline the quality-standard that we apply to our products.



Water features



Water elements



Water ornaments

AUGA pond pumps with Permanent Magnet motor (PM)

AUGA pumps have undergone a technical revolution. This is because the use of efficient motor and pump technology has become mandatory for industry in the EU, imposed by governments. The objective is to reduce energy consumption and CO2 emissions among large consumers, and with that, the introduction of PM motors has become a fact.

AUGA quickly recognised the great advantages of this technology and has now been applying it for 7 years in its own pond pump range.

The E series is our latest development; better performance with lower power consumption. For pond pumps that run a lot, this delivers huge savings in energy costs.

PM motors, on average 25% more efficient

What are PM motors?

Six strong magnets convert electrical energy into mechanical energy, which drives the pump. This motor technology is on average 25% more efficient than conventional motor technology, which already delivers the first gain.

Efficient PM motor



VarioFlow® E pumps are electronically adjustable and save up to 60% on power costs

PM motors are technical gems: alternating current (AC) from the socket is converted into direct current (DC) with the VarioControl control. This makes it easy to change the motor speed in steps of 1 to 100.

As the speed decreases, capacity and power consumption decrease proportionally. A pump does not need to run at full capacity during the colder seasons of the year; by turning down a VarioFlow E pump, up to 60% can be saved on power costs.

VarioControl



The desired position is set with the included VarioControl. The controller is fitted with an LED display, showing the set position and the power consumption.

The pump charts provide insight into capacity and power consumption at different positions.

AquaFlow® E pumps also feature energy-efficient PM motors, but are not electronically adjustable in capacity and power consumption.

Open impeller



Open impeller with 3 blades prevents clogging of the pump

AUGA pumps are highly insensitive to dirt; this is due to the large free space between the blades, which determines the solids passage.

The included suction strainer serves solely as protection against larger dirt particles and living creatures in ponds, when the pump is placed in the water.

AquaFlow® E and VarioFlow® pond pumps

Can be installed dry outside the pond, with a fully rotatable motor for optimal ease of installation

All AquaFlow® E and VarioFlow® E pumps are suitable for use under water as well as outside the water, as long as the pump receives a supply of water. The pump is also rotatable in all positions, so the discharge connection can be positioned as desired.



Technical specifications AUGA pumps with energy-efficient PM motor

Series	PM motor	4-pole	6-pole	Electronic adjustable
AquaFlow® E	✓	–	✓	–
VarioFlow® E	✓	–	✓	✓
Compact® E	✓	✓	–	–

Continuous monitoring



Capacity, discharge pressure and power consumption are tested every year on a calibrated test bench.

Our pumps do what we promise; that's why pumps from production are fully tested every year on a calibrated test bench.

AquaFlow® E pond pumps with PM motor, without frequency control

AquaFlow® E pumps are true multifunctionals. Both under water and dry-installable next to the water, for circulation, waterfalls, filter systems and every other conceivable situation where water needs to be transported. The pumps are fitted with the latest generation of PM motors, which run more efficiently and more quietly.

Type	Motor W	Q max l / h	H max m	Connection suction / discharge	L x W x H mm	Solids passage mm	Cable m	Art. no.
AquaFlow® E-5000	25	5300	3,0	1,5"	290 x 130 x 175	8	10	102034
AquaFlow® E-10000	80	10200	6,0	1,5"	290 x 130 x 175	8	10	102035
AquaFlow® E-15000	115	14900	6,0	2"	360 x 160 x 225	8	10	102036
AquaFlow® E-20000	175	22700	7,2	2"	360 x 160 x 225	8	10	102037

Product description

Under water, outside the water, it doesn't matter: all models are multifunctional, as long as there is sufficient water supply to the pump is. The motors are cast watertight in resin, safe and also whisper-quiet.

- High-efficiency PM motor.
- 6-pole motor with high torque.
- Dry and wet installation possible.
- Steplessly rotatable motor/discharge connection.
- Strainer passage Ø 8 mm.
- Open impeller passage AquaFlow® E-5000 and E-10000: Ø 12 mm.
- Open impeller passage AquaFlow® E-15000 and E-20000: Ø 16 mm.
- Built-in microprocessor monitors motor management.
- Voltage 230 V / 50 Hz.

AquaFlow® E pump with suction strainer for use under water



AquaFlow® E without suction strainer for dry installation



AquaFlow® E pond pumps

Besides capacity (l/h), the head (m) a pump can deliver is a very important aspect; the head largely determines a pump's energy consumption. That's why it's important that the right pump is selected, and a comparison with other pumps based solely on capacity in litres is not objective.

Scope of delivery

- AquaFlow® E pump with 10 metres of power cable.
- AquaFlow® E 5000/10000: Hose couplings 25/32/40 mm and solvent couplings 40 mm.
- AquaFlow® E 15000/20000: Hose couplings 32/40/50 mm and solvent couplings 50 mm.

Materials

- Motor, pump housing and suction strainer: plastic.
- Pump shaft and plain bearings: ceramic.

Construction and safety

- The pumps fully comply with the European CE directives.
- CE relates to the construction and safety of equipment.



Warranty

- 3-year warranty in accordance with the general warranty conditions.

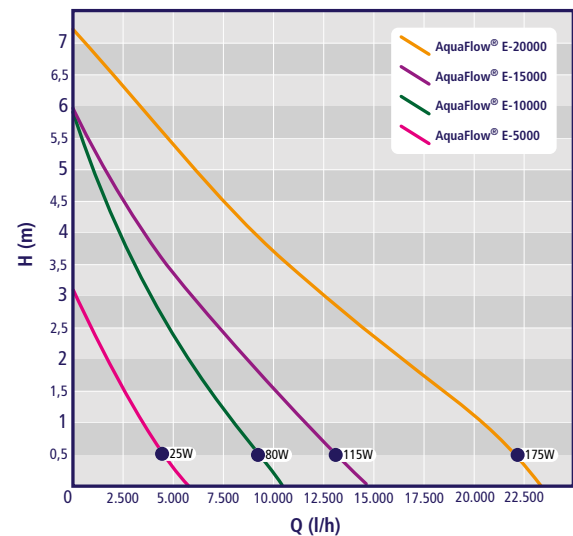
AquaFlow® E pump with steplessly rotatable motor



Suitable for dry installation with steplessly rotatable motor for precise positioning of the discharge connection.



Pump chart AquaFlow® E



VarioFlow® E pond pumps with PM motor and frequency control

VarioFlow® E pond pumps with PM motor and frequency control for stepless speed adjustment.

Type	Motor W	Q max l / h	H max m	Connection suction / discharge	L x W x H mm	Solids passage mm	Cable m	Art. no.
VarioFlow® E-10	20 - 80	9800	5	1,5"	290 x 130 x 175	8	10 + 1.5	102115
VarioFlow® E-20	28 - 180	23200	6,8	2"	360 x 160 x 225	8	10 + 1.5	102125
VarioFlow® E-30	23 - 290	29500	8,5	2"	360 x 160 x 225	8	10 + 1.5	102135

Product description

Under water, outside the water, it doesn't matter: all models are multifunctional, as long as there is sufficient water supply to the pump. The motors are cast watertight in resin, safe and also whisper-quiet.

- High-efficiency PM motor.
- 6-pole motor with high torque.
- Control panel for stepless capacity setting.
- Coupling plug between pump and control panel
- Digital readout of power consumption and set percentage.
- Dry and wet installation possible.
- Steplessly rotatable motor/discharge connection.
- Strainer passage Ø 8 mm.
- Open impeller passage VarioFlow® E-10: Ø 12 mm.
- Open impeller passage VarioFlow® E-20 and E-30: Ø 16 mm.
- Built-in microprocessor monitors motor management.
- Reading fault codes on display for: overvoltage, undervoltage, low water/dry running, phase fault, pump blockage, overload.
- Voltage 230 V / 50Hz.

Coupling plug



VarioFlow® E pump with suction strainer for use under water



VarioFlow® E pump without strainer for dry installation



VarioFlow® E pond pumps

The VarioFlow® E pumps are electronically adjustable in capacity, in steps of 1 to 100, with the included control panel. Power consumption decreases when the capacity is reduced, as the motor speed is lowered.

The digital display shows the power consumption and the set percentage. After any power interruption, the pump restarts at the set position, thanks to the built-in memory.

Scope of delivery

- VarioFlow® E pump with 10 metres of power cable.
- VarioFlow® E control panel with 1.5 metres of power cable and coupling plug.
- VarioFlow® E 10: Hose couplings 25/32/40 mm and solvent couplings 40 mm.
- VarioFlow® E 20/30: Hose couplings 32/40/50 mm and solvent couplings 50 mm.

Materials

- Motor and pump housing: plastic.
- Strainer: plastic.
- Pump shaft and plain bearings: ceramic.

Construction and safety

- The pumps fully comply with the European CE and EMC directives.
- The electronics are TÜV certified.
- CE relates to the construction and safety of equipment.
- EMC relates to interference-free operation of electronic components.



Warranty

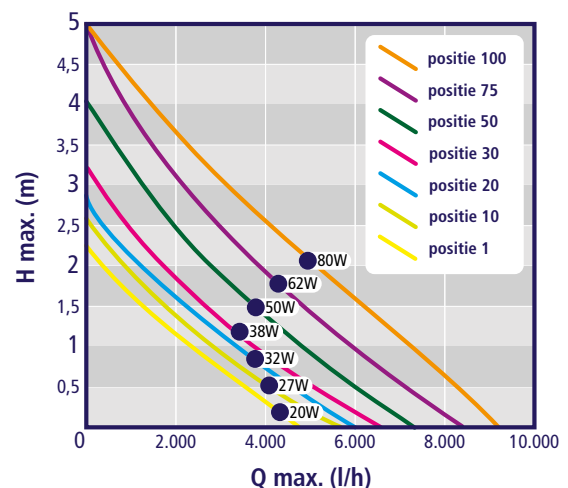
- 3-year warranty in accordance with the general warranty conditions.

VarioFlow® E pump with steplessly rotatable motor

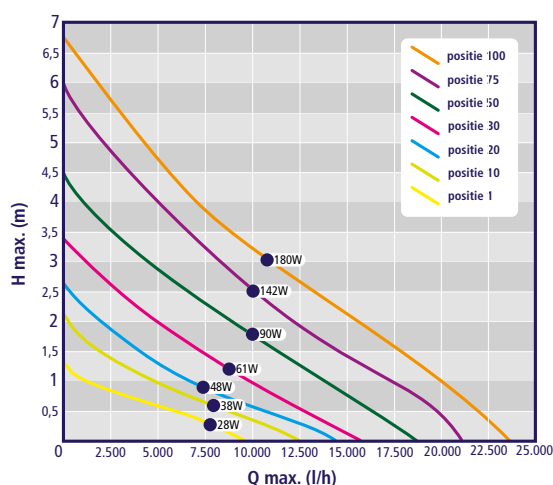


Suitable for dry installation with steplessly rotatable motor for precise positioning of the discharge connection.

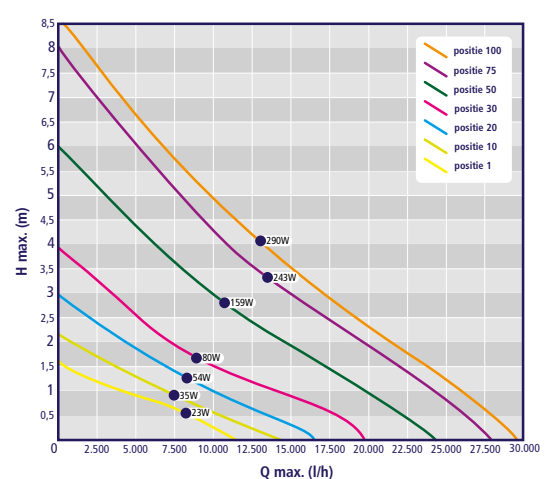
Pump chart VarioFlow® E-10



Pump chart VarioFlow® E-20



Pump chart VarioFlow® E-30



Capacity, head and power consumption decrease when the speed is reduced. The charts show the different models with example 7 set positions and the corresponding power consumption.

Compact E pond and ornament pumps with PM motor

Type	Motor W	Q max l / h	H max m	Connection		L x W x H mm	Solids passage mm	Cable m	Art. no.
				suction/discharge	hose mm				
Compact E-1800	11	1800	2,2	5/4"	20 / 25 / 32	182 x 115 x 110	4	10	102050
Compact E-2800	18	2800	3,0	5/4"	20 / 25 / 32	182 x 115 x 110	4	10	102051
Compact E-4200	32	4200	4,5	5/4"	20 / 25 / 32	182 x 115 x 110	4	10	102052

Product description

The Compact E series is an extremely efficient and low-noise underwater pump for smaller filter systems, ornaments and spray patterns. A fountain nozzle set is available as an option (see page 12). Durable motor technology with low power consumption and a long service life.

- Manually adjustable capacity.
- Very low-noise operation.
- Built-in motor/dry-run protection.
- Voltage 230 V/50 Hz.
- High-efficiency motor.
- Dry and wet installation possible.

Scope of delivery

- Compact E pump incl. 2 hose couplings.

Materials

- Motor, pump housing and suction strainer: plastic.
- Pump shaft and plain bearings: ceramic.

Construction and safety

- The pumps fully comply with the European CE directives.



Warranty

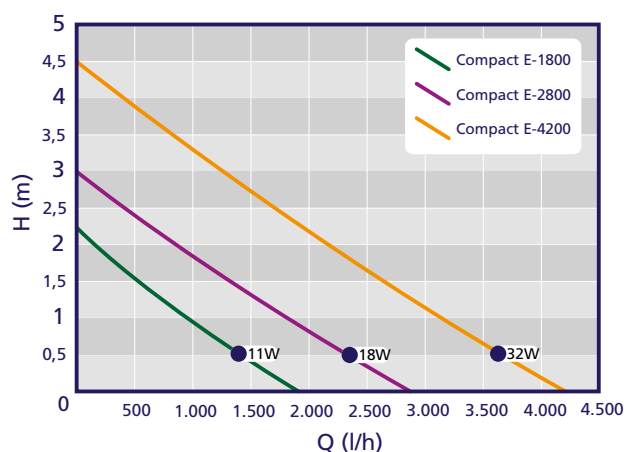
- 3-year warranty in accordance with the general warranty conditions.



Compact E pump



Pump chart Compact E



Compact E pond and ornament pumps with PM motor

Type	Motor W	Q max l / h	H max m	Connection		L x W x H mm	Solids passage mm	Cable m	Art. no.
				suction/discharge	hose mm				
Compact E-6000	40	6000	4,0	5/4"	20 / 25 / 32 / 38	256 x 123 x 137	6	10	102053
Compact E-8000	60	8000	4,8	5/4"	20 / 25 / 32 / 38	256 x 123 x 137	6	10	102054

Product description

Compact pumps with large capacity. These all-rounders can be used for filter systems, small waterfalls and fountains.

- Large pre-filter.
- Very low-noise operation.
- Built-in motor/dry-run protection.
- Voltage 230 V/50 Hz.
- High-efficiency motor.
- Dry and wet installation possible.

Scope of delivery

- Compact E pump incl. 2 hose couplings.

Materials

- Motor, pump housing and suction strainer: plastic.
- Pump shaft and plain bearings: ceramic.

Construction and safety

- The pumps fully comply with the European CE directives.



Warranty

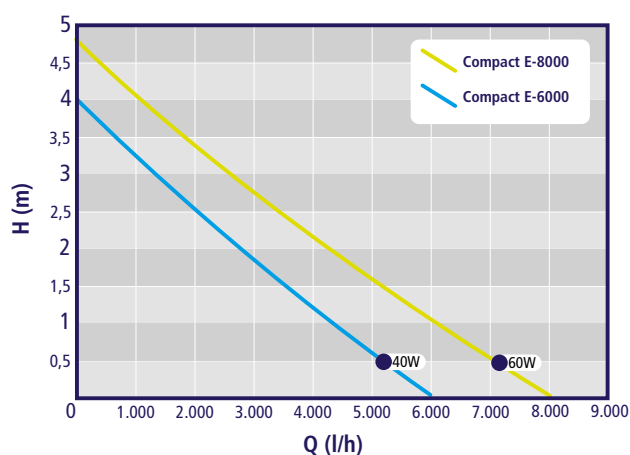
- 3-year warranty in accordance with the general warranty conditions.



Compact E pump



Pump chart Compact E



Fountain nozzle set for Compact E pumps

Fountain nozzle set suitable for all Compact E models. The distribution valve has an extra connection for, for example, a spray pattern.

Type	Suitable for	Connection	Art. no.
Compact E Kit	E-1800, E-2800, E-4200	5/4"	991094

Scope of delivery

- Fountain nozzle set.
- Distribution valve.
- Telescopic riser pipe.

Type	Fountain diameter and height in cm		
	Water bell	Volcano nozzle	Foam nozzle
Compact E-1800	Ø 40 ↑ 20	Ø 60 ↑ 60	↑ 8
Compact E-2800	Ø 50 ↑ 30	Ø 90 ↑ 95	↑ 20
Compact E-4200	Ø 70 ↑ 40	Ø 120 ↑ 130	↑ 35

Pump with riser pipe and valve



Water bell



Volcano nozzle



Foam nozzle



AquaFlow® pond pumps with high head

Powerful pond pumps with high discharge pressure, suitable for waterfalls, fountains and streams.

Type	Motor W	Q max l / h	H max m	Connection suction / discharge	L x W x H mm	Solids passage mm	Cable m	Art. no.
AquaFlow®-15	230	16000	6,2	1,5"	315 x 128 x 136	6	20	102022
AquaFlow®-20	400	20000	9	1,5"	385 x 175 x 205	8	20	102021
AquaFlow®-30	500	30000	9	2"	392 x 175 x 205	8	20	102019
AquaFlow®-36	700	36000	11	2"	392 x 175 x 205	8	20	102020

Product description

The pumps are fitted with powerful asynchronous motors; the capacity can be changed with a VarioTronic speed controller.

- Dry/wet installation possible.
- Semi-open impeller for transporting dirt particles up to Ø 8 mm.
- Fitted with 20 m power cable.
- Voltage 230 V / 50 Hz.



The pumps are fitted with powerful asynchronous motors; capacity and power consumption can be adjusted electronically to a limited extent changed with a VarioTronic speed controller. (see page 39).

Scope of delivery

- AquaFlow® pump with 20 metres of power cable.
- Hose couplings.

Materials

- Motor, pump housing and suction strainer: plastic.
- Pump shaft and plain bearings: ceramic.

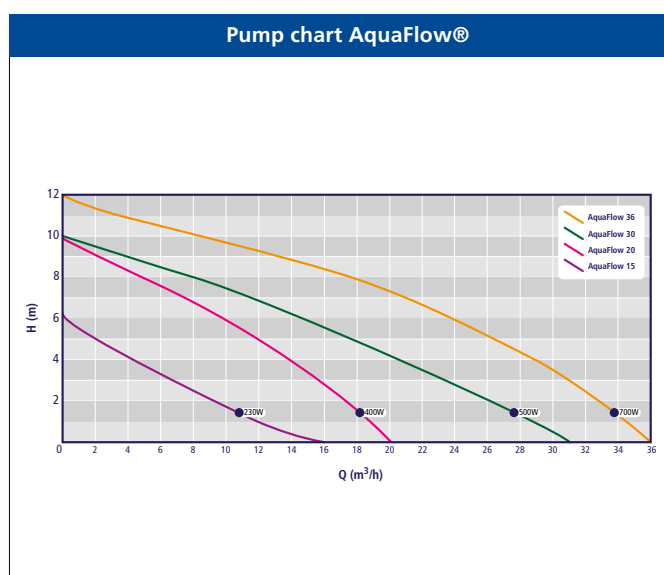
Construction and safety

- The pumps fully comply with the European CE directives.
- CE relates to the construction and safety of equipment.



Warranty

- 3-year warranty in accordance with the general warranty conditions.



Lotus 20 F floating aeration fountain

Aeration of water and an attractive fountain display. This combination comes into its own in ponds, where stagnant and warming water can lead to algae growth and oxygen deficiency.

Type	Motor W	Q max l / h	Fountain display		Dimension Ø x H mm	Cable m	Art. no.
			max Ø cm	max H cm			
Lotus-20 F	90	20.000	300	100	327 x 255	10	104301

Product description

- Movement and aeration of water.
- Propeller impeller for large water volume.
- Not very sensitive to dirt.
- Low energy consumption.
- Recommended minimum water depth 60 cm .
- Suitable for larger ponds.
- Voltage 230 V / 50 Hz.
- Built-in motor protection.

Materials

- Motor housing, suction strainer and float: plastic.
- Pump shaft and plain bearings: ceramic.

Construction and safety

- The pumps fully comply with the European CE directives.
- CE relates to the construction and safety of equipment.



Scope of delivery

- Fountain aerator with float.
- Anchor pins with tension wire.

Warranty

3-year warranty in accordance with the general warranty conditions.

Lotus-20 F





HI-Flow underwater pumps, series WB

Underwater pumps with large capacity, suitable for large fountains, waterfalls, streams and water projects.

Type	Motor kW (P2)	Q max* m ³ /h	H max m	Connection discharge	Cable m	Art. no. 230 V / 1Ph	Art. no. 400 V / 3Ph
WB-16 / 1	0,55	16	11	2½"	20	105140	–
WB-16 / 2	1,10	16	22	2½"	20	105141	–
WB-16 / 3	2,20	16	34	2½"	20	105142	–
WB-30 / 1	1,10	30	11	3"	20	105143	105144
WB-30 / 2	2,20	30	24	3"	20	105145	105146
WB-45 / 1B	1,10	45	10	3"	20	105147	105148
WB-45 / 1	2,20	45	14	3"	20	105149	105150
WB-45 / 2BB	2,20	45	19	3"	20	105151	105152
WB-45 / 2	3,0	45	27	3"	20	–	105153
WB-60 / 1	2,20	60	14	4"	20	–	105155
WB-60 / 2B	3,0	60	22	4"	20	–	105156

*) Optimal operating point.

Product description

WB underwater pumps are suitable for larger water projects: fountains, streams, waterfalls, water curtains, etc. The unit can be installed stationary, but can also be mounted under a float for use as a fountain pump.

- High-efficiency underwater pumps.
- Made entirely of SS 304 (SS 316 on request).
- Stationary or floating installation.
- Horizontal and vertical installation possible.
- Large fine-mesh suction strainer, suitable for use as a fountain pump.

WB pump, stationary installation



Complete fountain set with WB pump



HI-Flow underwater pumps, series WB

HI-Flow pumps are of high-quality, industrial grade, with extremely efficient pump technology.

Scope of delivery

- Underwater pump with large SS suction strainer.
- Standard fitted with 20 metres of power cable, extension possible.
- 230 V incl. starter box with on/off switch and thermal protection.
- 400 V 3-Ph, must be connected by an installer.

Materials:

- Pump and suction strainer made of SS 304 (SS 316 also available).
- Motor shaft seals: Silicon Carbide.
- Motor filled with mineral oil, fully biodegradable.

Construction and safety:

- The pumps fully comply with the European CE directives.
- CE relates to the construction and safety of equipment.

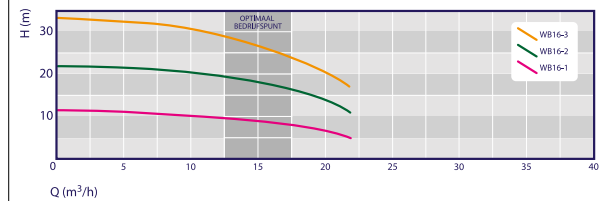


Warranty

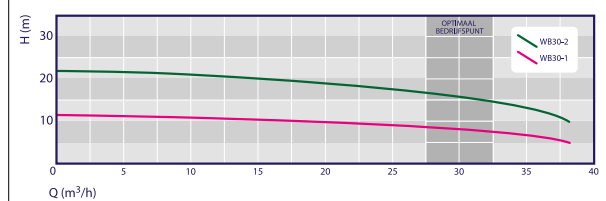
- 2 years in accordance with the general warranty conditions.



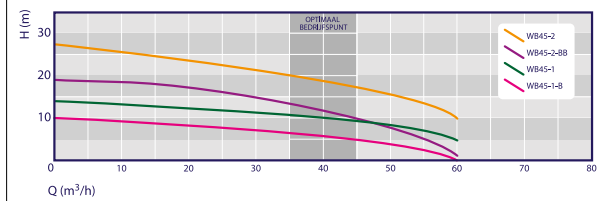
Pump chart WB16



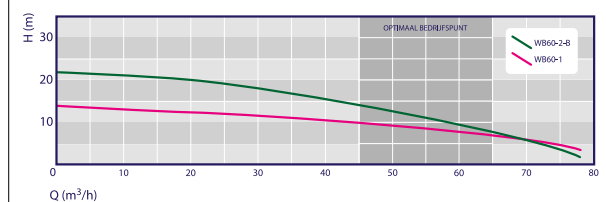
Pump chart WB30



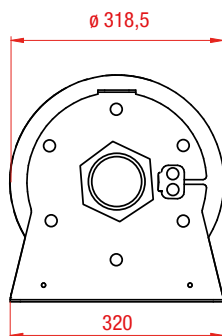
Pump chart-WB45



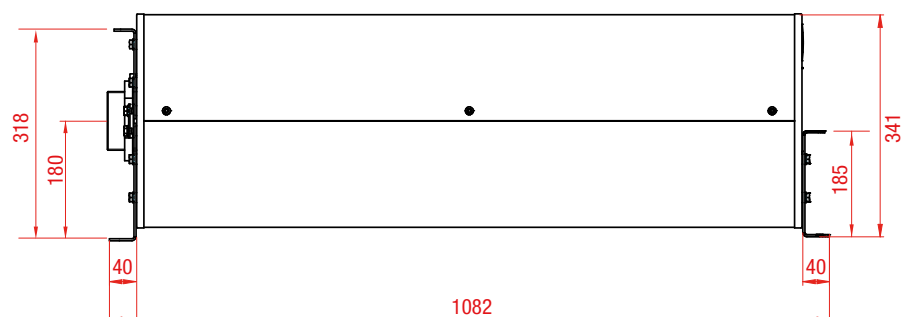
Pump chart-WB60



The charts indicate the optimal operating point per series.
It is important – for proper operation and service life of the pump – to select the right pump for each water project.



Dimensions in mm.





Pond pumps

For more than 50 years, the German brand Messner has been a manufacturer of high-quality, technical pond products, with pumps at the core.

The family business is rightly proud that the entire production takes place in-house and therefore guarantees reliability and quality. The long warranty period on the pumps underlines that.





Messner has been producing pond pumps for more than 50 years and is known for its reliable technology and excellent service. Craftsmanship with a great passion for quality and loyalty. An important step was the switch from asynchronous motor technology to extremely efficient and energy-saving PM motor technology, i.e. Permanent Magnet motors. PM motor technology has been known in the pond pump market for some time. Messner has also taken this path with 6-pole PM motors, as the drive for its new MoveEasy pumps.

moveEasy technology

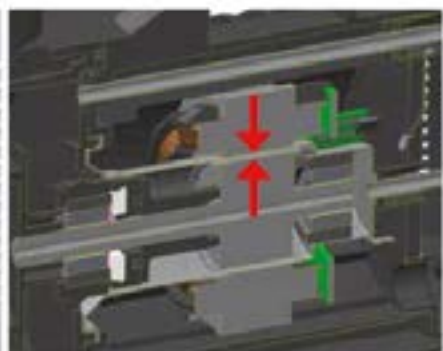
- Suitable for both wet and dry installation.
- Capacity control integrated into the pump.
- Modern DC high-efficiency motors.
- Longer service life thanks to water-cooled electronics.
- Practical and robust design for professional use.
- Extra-large connections for optimal flow.





moveEasy pumps

- **Efficient**
Optimal performance and consumption tuning thanks to electronic control in 5% steps, integrated directly into the housing.
- **Durable**
High-quality parts made of SS and ceramic.
- **Smart**
Water-cooled electronics for a longer service life.
- **Strong**
Modern plastics and a fibreglass-reinforced housing provide high fracture resistance of the connections.
- **Maintenance-friendly**
Large solids passage and generous tolerances for longer maintenance intervals. Thought through down to the smallest detail, such as 90° rotatable connections.



moveEasy EQ-25 pond pumps

Type	Motor W	Q max l / h	H max m	Connection suction / discharge	L x W x H mm	Solids passage mm	Cable m	Art. no.
moveEasy EQ-25	18 - 180	23000	6,0	2"	320 x 135 x 185	10	10	ME5171
moveEasy EQ-25 CL	18 - 180	23000	6,0	2"	320 x 135 x 185	10	2	ME5172

Product description

All-round pond pumps fitted with the latest generation of PM motors. Pump capacity and motor power are fully adjustable in steps of 5%.

- Electronics for power control fully watertight, cast in resin.
- Suitable for dry and wet installation.
- Unique internal bypass line: water flows past the electronics' cooling plate and prevents overheating in extreme situations.
- Open impeller, suitable for dirty water with solid particles up to 10 mm.
- Motor and pump housing made of fibreglass-reinforced plastic.
- Adjustable pump housing.
- Suitable for dry and wet installation.

Application

- **moveEasy EQ-25** For ponds, swimming ponds and water projects in general.
- **moveEasy EQ-25 CL** Suitable for water with chlorine up to 1 mg/litre.

Warranty

- 5-year manufacturer's warranty.

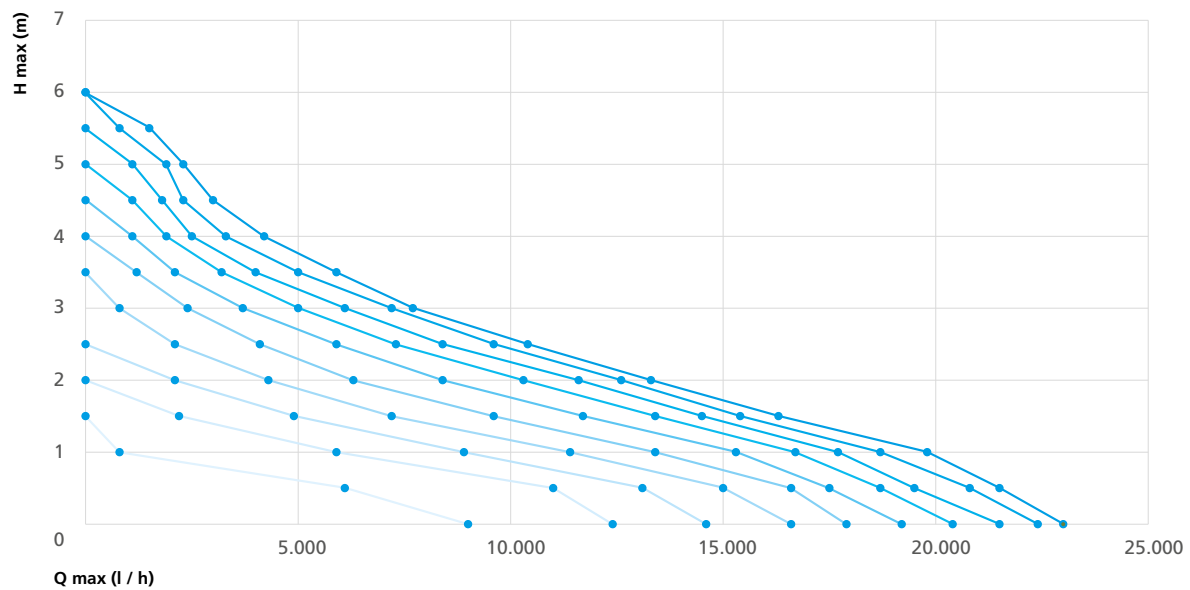
moveEasy EQ-25



moveEasy EQ-25 CL



moveEasy EQ-25 pond pumps



	100% 180 W	90% 162 W	80% 144 W	70% 126 W	60% 108 W	50% 90 W	40% 72 W	30% 54 W	20% 36 W	10% 18 W
m	l / h									
6,0	0	0								
5,5	1.500	800	0							
5,0	2.300	1.900	1.100	0						
4,5	3.000	2.300	1.800	1.100	0					
4,0	4.200	3.300	2.500	1.900	1.100	0				
3,5	5.900	5.000	4.000	3.200	2.100	1.200	0			
3,0	7.700	7.200	6.100	5.000	3.700	2.400	800			
2,5	10.400	9.600	8.400	7.300	5.900	4.100	2.100	0		
2,0	13.300	12.600	11.600	10.300	8.400	6.300	4.300	2.100	0	
1,5	16.300	15.400	14.500	13.400	11.700	9.600	7.200	4.900	2.200	0
1,0	19.800	18.700	17.700	16.700	15.300	13.400	11.400	8.900	5.900	800
0,5	21.500	20.800	19.500	18.700	17.500	16.600	15.000	13.100	11.000	6.100
0	23.000	22.400	21.500	20.400	19.200	17.900	16.600	14.600	12.400	9.000

moveEasy EQ-45 pond pumps

Type	Motor W	Q max l / h	H max m	Connection suction / discharge	L x W x H mm	Solids passage mm	Cable m	Art. no.
moveEasy EQ-45	48 - 480	45000	8,2	2½"	360 x 178 x 230	12	10	ME5200
moveEasy EQ-45 CL	48 - 480	45000	8,2	2½"	360 x 178 x 230	12	2	ME5201

Product description

All-round pond pumps fitted with the latest generation of PM motors. Pump capacity and motor power are fully adjustable in steps of 5%.

- Electronics for power control fully watertight, cast in resin.
- Suitable for dry and wet installation.
- Unique internal bypass line: water flows past the electronics' cooling plate and prevents overheating in extreme situations.
- Open impeller, suitable for dirty water with solid particles up to 12 mm.
- Motor and pump housing made of fibreglass-reinforced plastic.
- Adjustable pump housing.

Application

- **moveEasy EQ-45** For ponds, swimming ponds and water projects in general.
- **moveEasy EQ-45 CL** Suitable for water with chlorine up to 1 mg/litre.

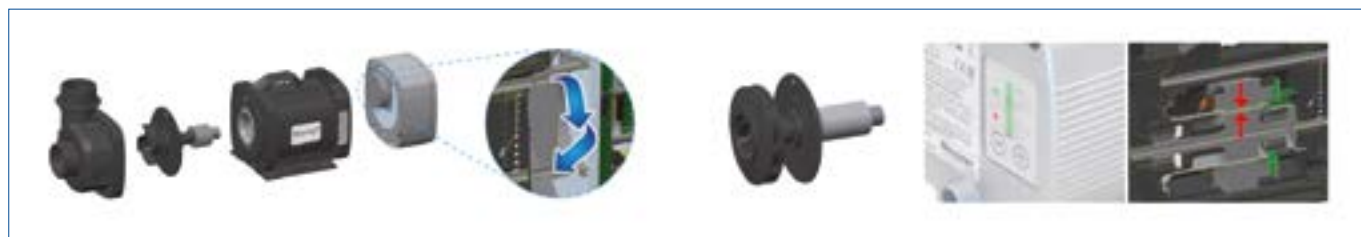
Warranty

- 5-year manufacturer's warranty.

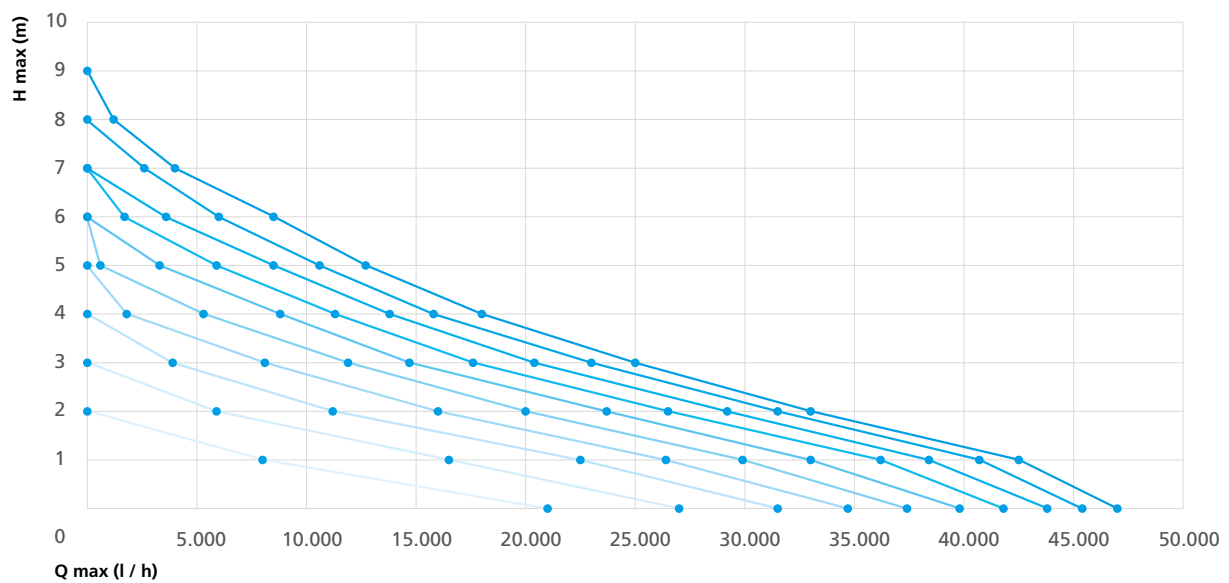
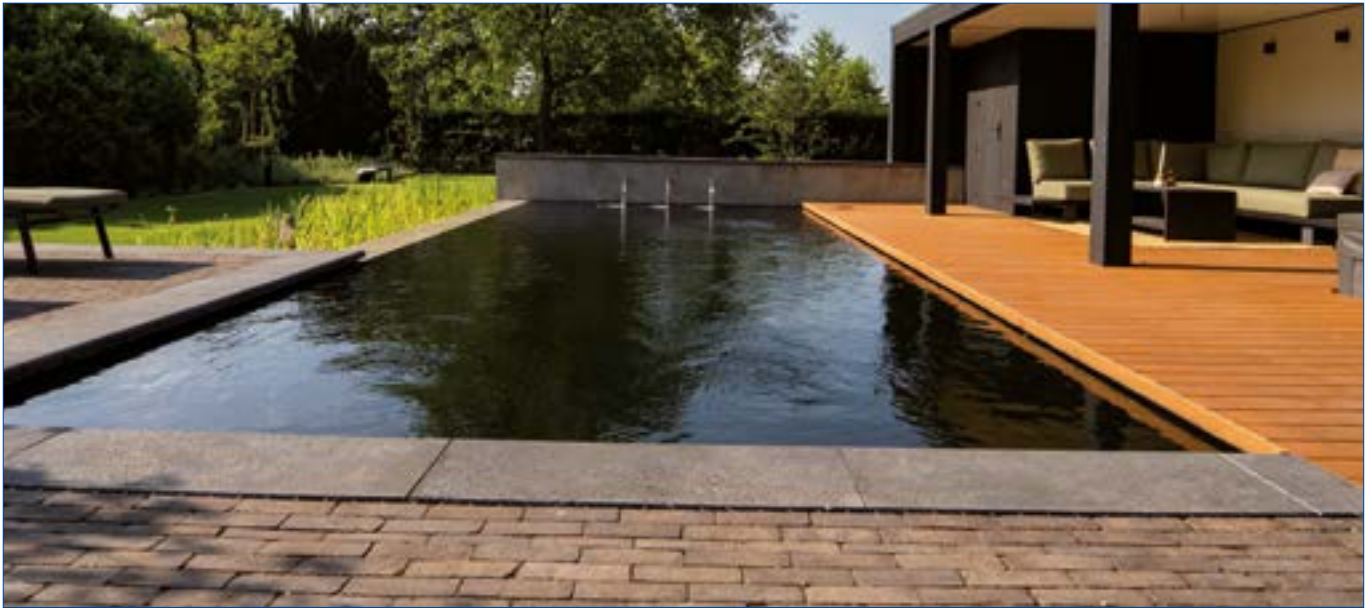
moveEasy EQ-45



moveEasy EQ-45 CL



moveEasy EQ-45 pond pumps



	100% 480 W	90% 432 W	80% 384 W	70% 336 W	60% 288 W	50% 240 W	40% 192 W	30% 144 W	20% 96 W	10% 48 W
m	l / h									
9,0	0									
8,0	1.200	0								
7,0	4.000	2.600	0	0						
6,0	8.500	6.000	3.600	1.700	0	0				
5,0	12.700	10.600	8.500	5.900	3.300	600	0			
4,0	18.000	15.800	13.800	11.300	8.800	5.300	1.800	0		
3,0	25.000	23.000	20.400	17.600	14.700	11.900	8.100	3.900	0	
2,0	33.500	31.500	29.200	26.500	23.700	20.000	16.000	11.200	5.900	0
1,0	42.500	40.700	38.400	36.200	33.000	29.900	26.400	22.500	16.500	8.000
0	47.000	45.400	43.800	41.800	39.800	37.400	34.700	31.300	27.000	21.000

moveEasy EP-18 pond pumps

Type	Motor W	Q max l / h	H max m	Connection suction / discharge	L x W x H mm	Solids passage mm	Cable m	Art. no.
moveEasy EP-18	18 - 180	17300	11	2"	320 x 135 x 185	4	10	ME5181
moveEasy EP-18 CL	18 - 180	17300	11	2"	320 x 135 x 185	4	2	ME5182

Product description

All-round pond pumps fitted with the latest generation of PM motors. Pump capacity and motor power are fully adjustable in steps of 5%.

- Electronics for power control fully watertight, cast in resin.
- Suitable for dry and wet installation.
- Unique internal bypass line: water flows past the electronics' cooling plate and prevents overheating in extreme situations.
- High discharge pressure.
- Solid particles up to 4 mm.
- Motor and pump housing made of fibreglass-reinforced plastic.
- Adjustable pump housing.

Application

- **moveEasy EP-18** For fountains, pressure filter systems, bead filters.
- **moveEasy EP-18 CL** Suitable for water with chlorine up to 1 mg/litre.

Warranty

- 5-year manufacturer's warranty.

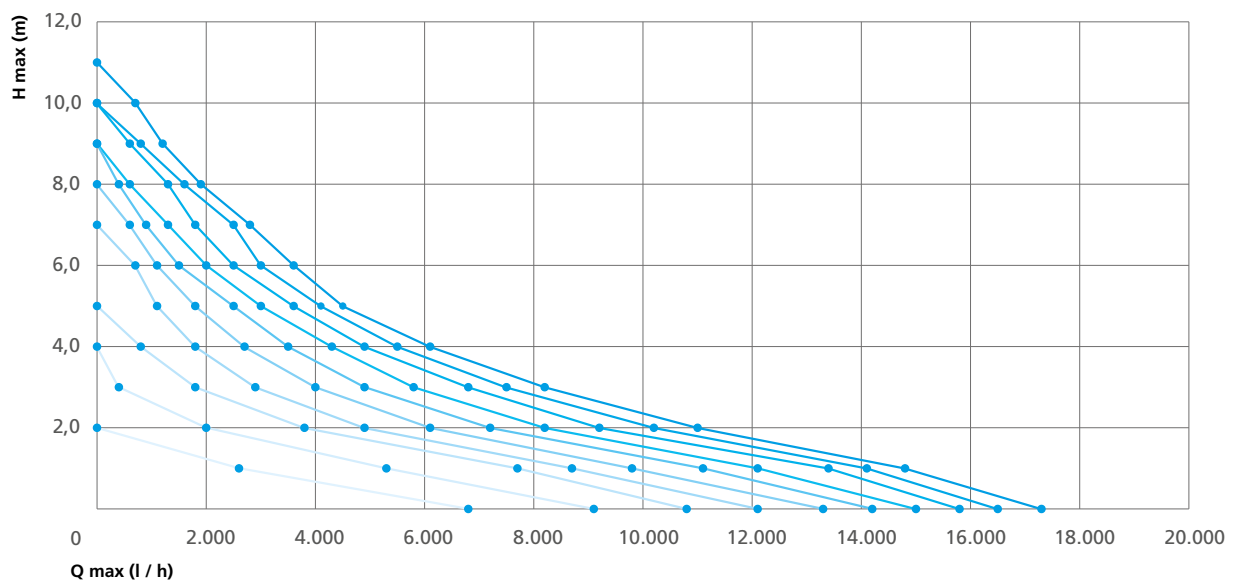
moveEasy EP-18



moveEasy EP-18 CL



moveEasy EP-18 pond pumps



	100% 180 W	90% 162 W	80% 144 W	70% 126 W	60% 108 W	50% 90 W	40% 72 W	30% 54 W	20% 36 W	10% 18 W
m	l / h									
11,0	0									
10,0	700	0	0							
9,0	1.200	800	600	0	0					
8,0	1.900	1.600	1.300	600	400	0				
7,0	2.800	2.500	1.800	1.300	900	600	0			
6,0	3.600	3.000	2.500	2.000	1.500	1.100	700			
5,0	4.500	4.100	3.600	3.000	2.500	1.800	1.100	0		
4,0	6.100	5.500	4.900	4.300	3.500	2.700	1.800	800	0	
3,0	8.200	7.500	6.800	5.800	4.900	4.000	2.900	1.800	400	
2,0	11.000	10.200	9.200	8.200	7.200	6.100	4.900	3.800	2.000	0
1,0	14.800	14.100	13.400	12.100	11.100	9.800	8.700	7.700	5.300	2.600
0	17.300	16.500	15.800	15.000	14.200	13.300	12.100	10.800	9.100	6.800

moveEasy EP-35 pond pumps

Type	Motor W	Q max l / h	H max m	Connection suction / discharge	L x W x H mm	Solids passage mm	Cable m	Art. no.
moveEasy EP-35	48 - 480	34300	17,2	2½"	360 x 178 x 230	4	10	ME5210
moveEasy EP-35 CL	48 - 480	34300	17,2	2½"	360 x 178 x 230	4	2	ME5211

Product description

All-round pond pumps fitted with the latest generation of PM motors.
Pump capacity and motor power are fully adjustable in steps of 5%

- Electronics for power control fully watertight, cast in resin.
- Suitable for dry and wet installation.
- Unique internal bypass line: water flows past the electronics' cooling plate and prevents overheating in extreme situations.
- High discharge pressure.
- Solid particles up to 4 mm.
- Motor and pump housing made of fibreglass-reinforced plastic.
- Adjustable pump housing.

Application

- **moveEasy EQ-35** For fountains, pressure filter systems, bead filters.
- **moveEasy EQ-35 CL** Suitable for water with chlorine up to 1 mg/litre.

Warranty

- 5-year manufacturer's warranty.

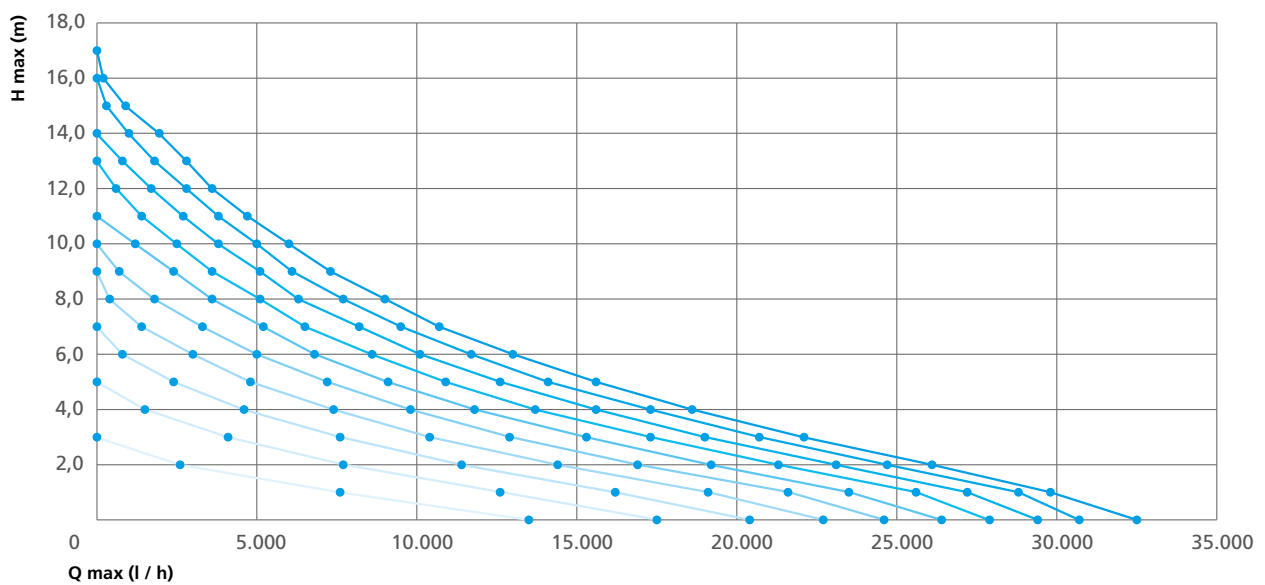
moveEasy EQ-35



moveEasy EQ-35 CL



moveEasy EP-35 pond pumps



	100% 480 W	90% 432 W	80% 384 W	70% 336 W	60% 288 W	50% 240 W	40% 192 W	30% 144 W	20% 96 W	10% 48 W
m	l / h									
17,0	0									
16,0	200	0								
15,0	900	300								
14,0	1.950	1.000	0							
13,0	2.800	1.800	800	0						
12,0	3.600	2.800	1.700	600						
11,0	4.700	3.800	2.700	1.400	0					
10,0	6.000	5.000	3.800	2.500	1.200	0				
9,0	7.300	6.100	5.100	3.600	2.400	700	0			
8,0	9.000	7.700	6.300	5.100	3.600	1.800	400			
7,0	10.700	9.500	8.200	6.500	5.200	3.300	1.400	0		
6,0	13.000	11.700	10.100	8.600	6.800	5.000	3.000	800		
5,0	15.600	14.100	12.500	10.900	9.100	7.200	4.800	2.400	0	
4,0	18.600	17.300	15.600	13.700	11.800	9.800	7.400	4.600	1.500	
3,0	22.100	20.700	19.000	17.300	15.300	12.900	10.400	7.600	4.100	0
2,0	26.100	24.700	23.100	21.300	19.200	16.900	14.400	11.400	7.700	2.600
1,0	29.800	28.800	27.200	25.600	23.500	21.600	19.100	16.200	12.600	7.600
0	32.500	30.700	29.400	27.900	26.400	24.600	22.700	20.400	17.500	13.500

Eco X2 and Eco Tec2 pond and built-in pumps

With more than 50 years of experience, the German brand Messner guarantees a very long service life, solid and extremely reliable motor technology.

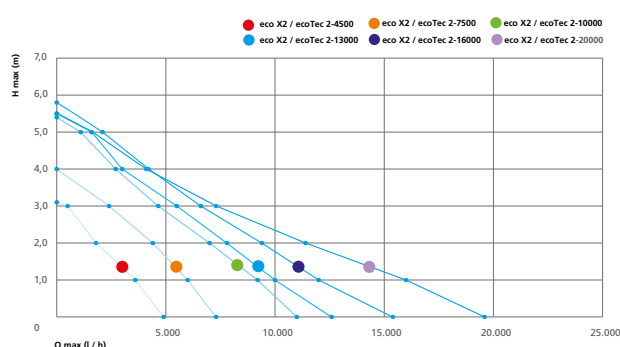
Type	Motor W	Q max l / h	H max m	Connection suction / discharge	L x W x H mm	Solids passage mm	Cable m	Art. no.
Eco X2-4500	48	4900	3,1	5/4"	180 x 270 x 360	8	10	ME5000
Eco Tec2-4500	48	4900	3,1	5/4"	192 x 145 x 230	8	10	ME5020
Eco X2-7500	75	7300	4,0	5/4"	180 x 270 x 360	8	10	ME5001
Eco Tec2-7500	75	7300	4,0	5/4"	192 x 145 x 230	8	10	ME5021
Eco X2-10000	110	11000	5,4	1,5"	180 x 270 x 360	8	10	ME5002
Eco Tec2-10000	110	11000	5,4	1,5"	192 x 145 x 245	8	10	ME5022
Eco X2-13000	140	12600	5,5	1,5"	180 x 270 x 360	8	10	ME5003
Eco Tec2-13000	140	12600	5,5	1,5"	192 x 145 x 245	8	10	ME5023
Eco X2-16000	190	15400	5,8	1,5"	180 x 270 x 360	8	10	ME5004
Eco Tec2-16000	190	15400	5,8	1,5"	192 x 145 x 245	8	10	ME5024
Eco X2-20000	205	19600	5,5	2"	180 x 270 x 360	8	10	ME5005
Eco Tec2-20000	205	19600	5,5	2"	192 x 145 x 260	8	10	ME5025

Product description

Pond pumps for use in (Eco X2) and outside the pond (Tec2), with low power consumption and excellent performance.

- Extremely reliable motor technology.
- Low-noise motor.
- Quality product from Germany.
- Rotatable pump housing.
- Incl. hose couplings.
- Eco Tec2 series with robust base plate.
- Capacity and motor power adjustable with VarioTronic 350, see page 39.

Pump chart Eco X2 - Eco Tec2



Eco X2



Eco Tec2



Eco X2 Plus and Eco Tec2 Plus pond and built-in pumps

The Plus series delivers a lower discharge pressure, which directly translates into lower power consumption.

Type	Motor W	Q max l / h	H max m	Connection suction / discharge	L x W x H mm	Solids passage mm	Cable m	Art. no.
Eco X2 Plus-10000	60	9900	2,4	1,5"	180 x 270 x 360	8	10	ME5006
Eco Tec2 Plus-10000	60	9900	2,4	1,5"	192 x 145 x 245	8	10	ME5026
Eco X2 Plus-15000	105	14700	3,2	2"	180 x 270 x 360	8	10	ME5007
Eco Tec2 Plus-15000	105	14700	3,2	2"	192 x 145 x 260	8	10	ME5027
Eco X2 Plus-20000	155	20000	3,6	2"	180 x 270 x 360	8	10	ME5008
Eco Tec2 Plus-20000	155	20000	3,6	2"	192 x 145 x 260	8	10	ME5028
Eco Tec2 Plus-25000	190	24200	3,8	2"	192 x 145 x 260	8	10	ME5029

Product description

Ponds and swimming ponds are increasingly built "Energy-Low", to handle energy sustainably and responsibly. The Plus series was specially developed for this and is the ideal pump for circulation and filter systems in equipment pits.

- Extremely reliable motor technology.
- Low-noise motor.
- Quality product from Germany.
- Rotatable pump housing.
- Including hose couplings.
- Eco Tec2 series with robust base plate.
- Capacity and motor power adjustable with VarioTronic 350, see page 39.

Scope of delivery

- Eco X2 and Eco Tec2 with 10 metres of power cable.
- Hose reducing couplings.
- Eco Tec2 series with base plate.

Materials

- Motor, pump housing, suction strainer, base plate: plastic.
- Pump shaft and plain bearings: ceramic.

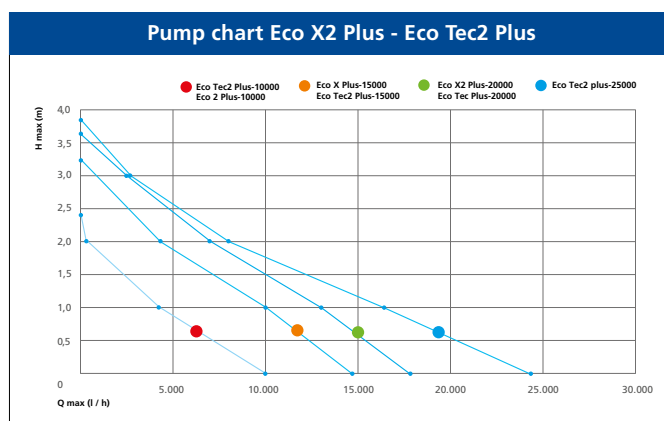
Construction and safety

- The pumps fully comply with the European CE directives.
- TÜV certified.
- TÜV certified for swimming pond applications.



Warranty

- 5-year warranty per the general terms.



Power X2 and Power Tec2 pond and built-in pumps

Powerful pond pumps with high discharge pressure.

Type	Motor W	Q max l / h	H max m	Connection suction / discharge	L x W x H mm	Cable m	Art. no.
Power X2-6000	100	6200	6,00	5/4"	360 x 270 x 180	10	ME5041
Power Tec2-6000	100	6200	6,00	5/4"	240 x 145 x 195	10	ME5051
Power X2-8000	150	8100	6,50	5/4"	360 x 270 x 180	10	ME5042
Power Tec2-8000	150	8100	6,50	5/4"	240 x 145 x 195	10	ME5052
Power X2-10000	190	10000	7,00	5/4"	360 x 270 x 180	10	ME5043
Power Tec2-10000	190	10000	7,00	5/4"	240 x 145 x 195	10	ME5053

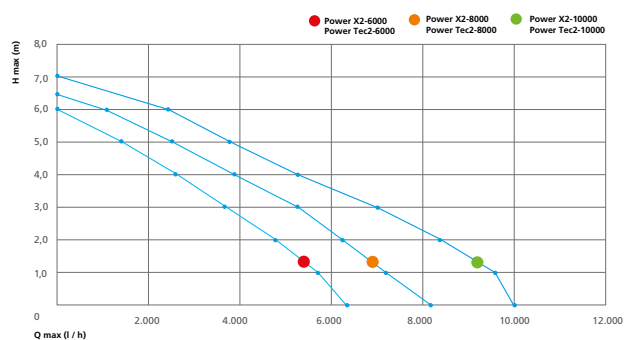
Product description

The X2 pond pump series is for use in the pond and fitted with a fine-mesh suction strainer.

The Tec2 series are built-in pumps for installation outside the pond. The pumps are fitted with a closed impeller, for pumping clean water, without solid particles.

- Extremely reliable motor technology.
- Low-noise motor.
- Quality product from Germany.
- Rotatable pump housing, Tec2 series.
- Robust base plate, Tec2 series.
- Incl. hose connections.
- 5-year warranty.
- Capacity and motor power adjustable with VarioTronic 350, see page 39.

Pump chart Power X2 and Power Tec2



Power X2



Power Tec 2



Titan Tec seawater pumps

All parts that come into contact with seawater in this pump series are made of pure titanium.

Type	Motor W	Q max l / h	H max m	Solids passage mm	Connection suction / discharge	L x W x H mm	Cable m	Art. no.
Titan Tec-4500	48	4900	3,10	8	5/4"	230 x 145 x 192	2	ME5060
Titan Tec-7500	85	7100	4,00	8	5/4"	230 x 145 x 192	2	ME5061
Titan Tec-10000	130	11000	5,40	8	1½"	245 x 145 x 192	2	ME5062
Titan Tec-13000	140	12300	5,50	8	1½"	245 x 145 x 192	2	ME5063
Titan Tec-16000	190	15400	5,80	8	1½"	245 x 145 x 192	2	ME5064
Titan Tec-20000	205	18500	5,30	8	2"	260 x 145 x 192	2	ME5065

Product description

The Titan Tec circulation pumps are fitted with a pure Titanium can, rotor, earthing plate and screws. Plain bearings and pump shaft made of ceramic. The Titan Tec is a built-in pump for dry installation under gravity feed.

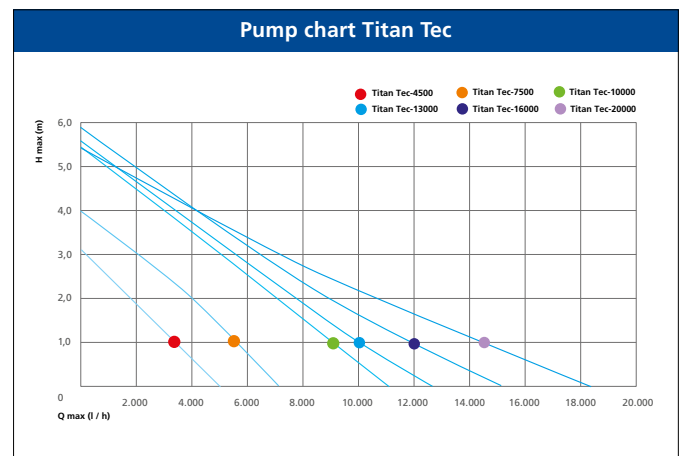
- Extremely reliable motor technology.
- Low-noise motor.
- Quality product from Germany.
- Rotatable pump housing.
- Robust base plate.
- Incl. hose connections.
- Capacity and motor power adjustable with VarioTronic 350, see page 39.

Scope of delivery

- Titan Tec 230 V / 50 Hz with 2 metres of power cable
- 2 3-part couplings PVC, F thread.

Warranty

- 3-year warranty per the general terms.
- This pump series is manufactured exclusively to order.



Titan Tec



MPF pond pumps

The first Messner dirty-water pump on the market, perhaps the best and therefore still in production. The series has been in practically unchanged production for more than 15 years.

Type	Motor W	Q max l / h	H max m	Connection suction / discharge	L x W x H mm	Solids passage mm	Cable m	Art. no.
MPF-3000	40	3000	2,50	1 "	285 x 170 x 170	6	10	ME1430
MPF-4500	60	4800	3,00	1 "	285 x 170 x 170	6	10	ME1431
MPF-6000	95	6000	3,50	1 "	285 x 170 x 170	6	10	ME1432
MPF-8000	115	8100	4,00	1 "	285 x 170 x 170	6	10	ME1433
MPF-10000	135	9900	4,50	1 "	285 x 170 x 170	6	10	ME1434
MPF-13000	175	12600	5,00	1 "	285 x 170 x 170	6	10	ME1435

Product description

Pond pumps for use inside and outside the pond in an equipment pit; the pump has very good solids passage thanks to the open impeller design.

- Durable motor technology.
- Solid construction.
- Very low-noise operation.
- Quality product from Germany.
- Capacity and motor power adjustable with VarioTronic 350, see page 39.

Scope of delivery

- MPF series with 10 metres of power cable.
- Socket with female thread.

Materials

- Motor, pump housing, suction strainer, base plate: plastic.
- Pump shaft and plain bearings: ceramic.

Construction and safety

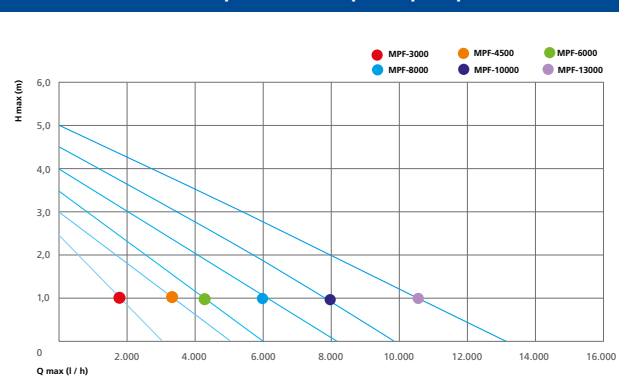
- The pumps fully comply with the European CE directives.
- TÜV certified.
- TÜV certified for swimming pond applications.



Warranty

- 6-year warranty per the general terms.

Pump chart MPF pond pumps



MPF series



MPF series in detail



MultiSystem M and MP pond pumps

Extremely powerful pumps with a wide application range for filter systems, waterfalls, streams and fountains.

Type	Motor W	Q max l / h	H max m	Connection suction / discharge	L x W x H mm	Solids passage mm	Cable m	Art. no.
M-20000	400	21500	6,50	1½"	450 x 240 x 240	8	10	ME1415
M-26000	510	26100	7,70	1½"	450 x 240 x 240	8	10	ME1416
M-33000	620	32500	9,50	1½"	450 x 240 x 240	8	10	ME1417
M-40000	650	38700	8,50	2"	450 x 240 x 240	8	10	ME1418

Product description

Pond pumps for use inside and outside the pond in an equipment pit. Large capacity and head, for use as a fountain pump and waterfall pump.

- M series with open impeller, suitable as a dirty-water pump.
- MP series with closed impeller for clean-water transport.
- Durable motor technology.
- Solid construction.
- Very low-noise operation.
- Quality product from Germany.
- Capacity and motor power adjustable with VarioTronic 800, see page 39.

Scope of delivery

- M-MP pump with 10 metres of power cable.
- Socket with female thread.
- Pre-filter basket.

Materials

- Motor, pump housing, suction strainer, base plate: plastic.
- Pump shaft and plain bearings: ceramic.

Construction and safety

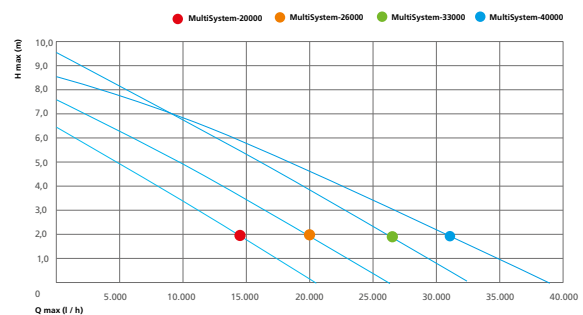
- The pumps fully comply with the European CE directives.
- TÜV certified.
- TÜV certified for swimming pond applications.



Warranty

- 6-year warranty per the general terms.

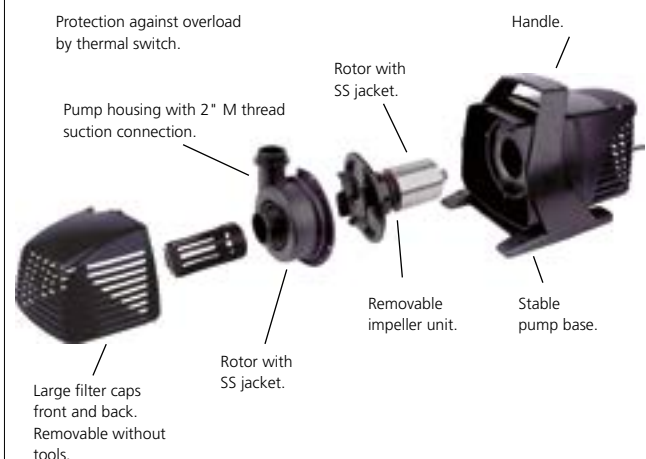
Pump chart MultiSystem M

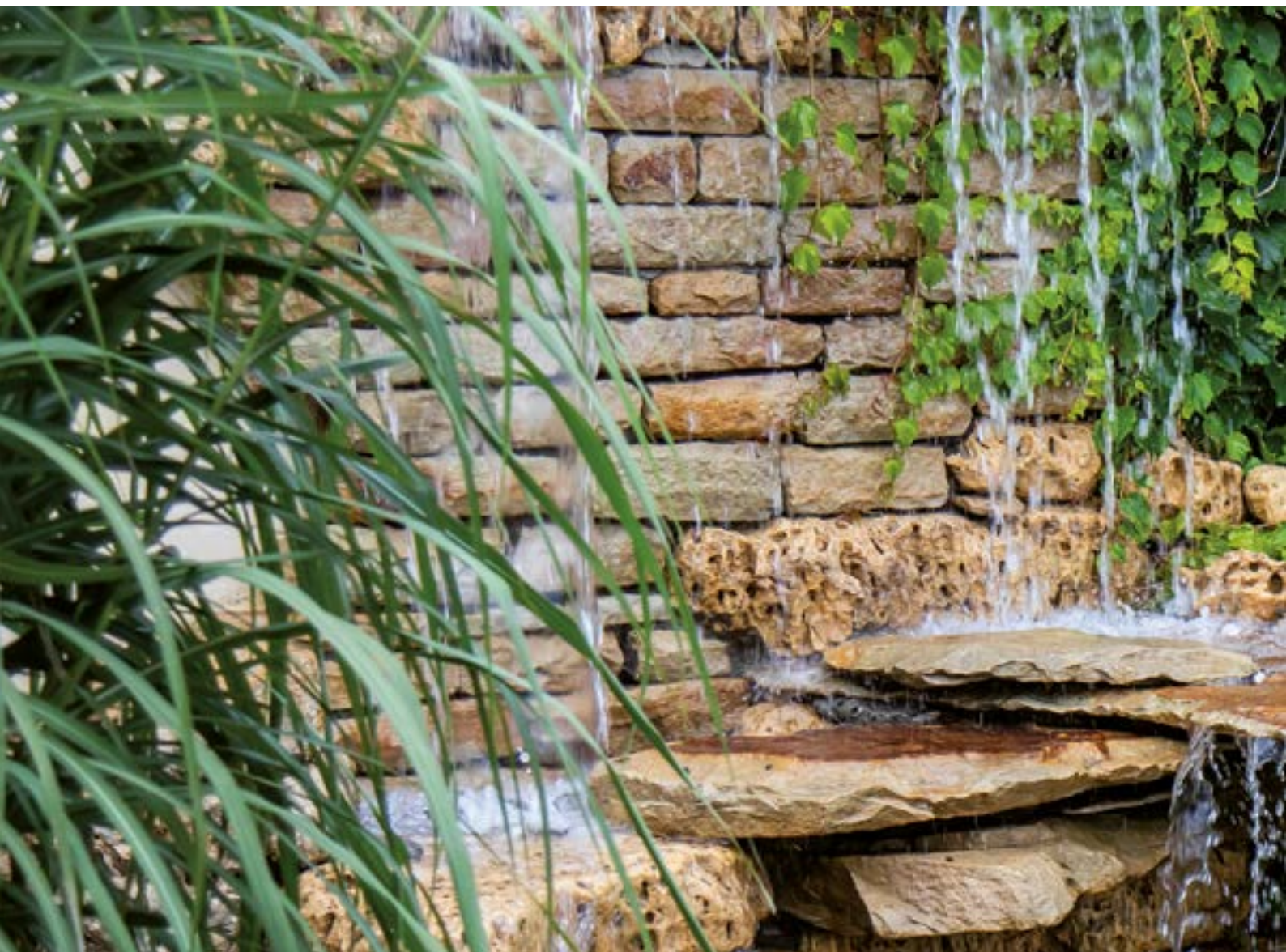


M series



M series in detail





Precise electronic fine-tuning of pump capacity, or dividing the water flow to a filter and a waterfall.

With the useful fittings on the following pages, that is very easy to achieve.



Fittings



Strainers

Strainers are needed to keep large dirt particles and living creatures out of pumps and filter systems. These strainers are in most cases mounted on a bulkhead in the pond; the strainers can also be mounted directly on pumps.

Type	Material	Connection	Dimensions	Passage	Art. no.
Strainer	Plastic	2" female thread	Ø = 115 mm L = 130 mm	□ 10 x 3 mm	991068
Strainer, fine	Plastic	2" female thread	W = 130 mm L = 230 mm	○ 3 mm	ME 6181
Strainer, coarse	Plastic	2" female thread	W = 130 mm L = 230 mm	□ 8 mm	ME 6180

Strainer, plastic



Installation on pump, pipe, hose or bulkhead.

Strainer, fine and coarse mesh



The fine-mesh strainer is suitable as a pre-filter on pumps for fountains. The coarse-mesh strainer (not shown) is suitable as a pre-filter for dirty-water pumps.

Strainer module system

Type	Material	Connection	Dimensions	Passage	Art. no.
Pre-filter	Plastic	1 1/4"	Ø 120 mm L = 50 mm	↔ slots 3 mm	ME9137
Pre-filter	Plastic	1 1/2"	Ø 120 mm L = 50 mm	↔ slots 3 mm	ME9138
Pre-filter	Plastic	2"	Ø 120 mm L = 50 mm	↔ slots 3 mm	ME9139
Pre-filter extension	Plastic	—	Ø 120 mm L = 50 mm	↔ slots 3 mm	ME9140

Pre-filters

Module system for connecting to pumps or to a bulkhead in a pond as a suction strainer.

Applications

- Strainer for pond pumps.
- Protective strainer for intake line.
- The expansion module can be multiply connected to the base module coupled.

Pre-filters



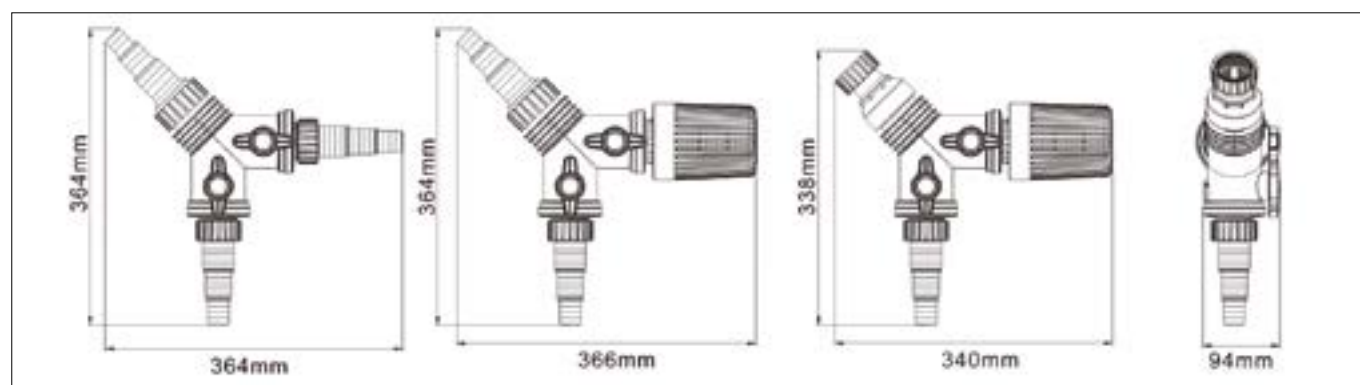
3-way distributor MD-3

Multi-tool for pond pumps, divides the water flow in 2 directions, both for the suction side and the discharge side of the pump.

Type	Hose connections ø mm	Threaded connections male thread inch	Art. no.
MD-3	3 x 25 / 32 / 40	2 x 1½" - 1 x 2"	901067

Applications

- Drawing in water from 2 points, for example via strainer and skimmer.
- Pumping water to 2 destinations, for example a waterfall and filter.
- Fitted with 2 control valves.
- Supplied with 3 hose connections, 1 suction strainer and 1 reducing nipple 2 x 1½".
- Only suitable for placement under water.
- Strainer passage <--> slots 6 mm.



Fittings for pumps

VarioTronic speed controllers, suitable for pond pumps with asynchronous motors, change the motor speed, allowing the capacity to be adjusted as needed.

Type	Max. power	Voltage	Art. no.
VarioTronic-800	800 W	230 V	01B902
VarioTronic-350	350W	230 V	ME2974

Applications

- Precise fine-tuning of, among others, fountain, filter, waterfall.
- Suitable for pumps with asynchronous motors: Messner: series MPF, Eco-X, Eco-Tec, Multi System. AUGA: AquaFlow 15, 20, 30 and 36.
- Capacity adjustable down to approx. 50%.
- Reduction in power consumption up to approx. 50%, depending on model.



AUGA 2026

Further developments and technical subject to change.

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