

Amazing Water

Purifying
Moving
Designing
Vitalising
Lighting
Installation



Pumps and accessoires

Programme and technical specifications 2026



MOVING WATER



Fountains



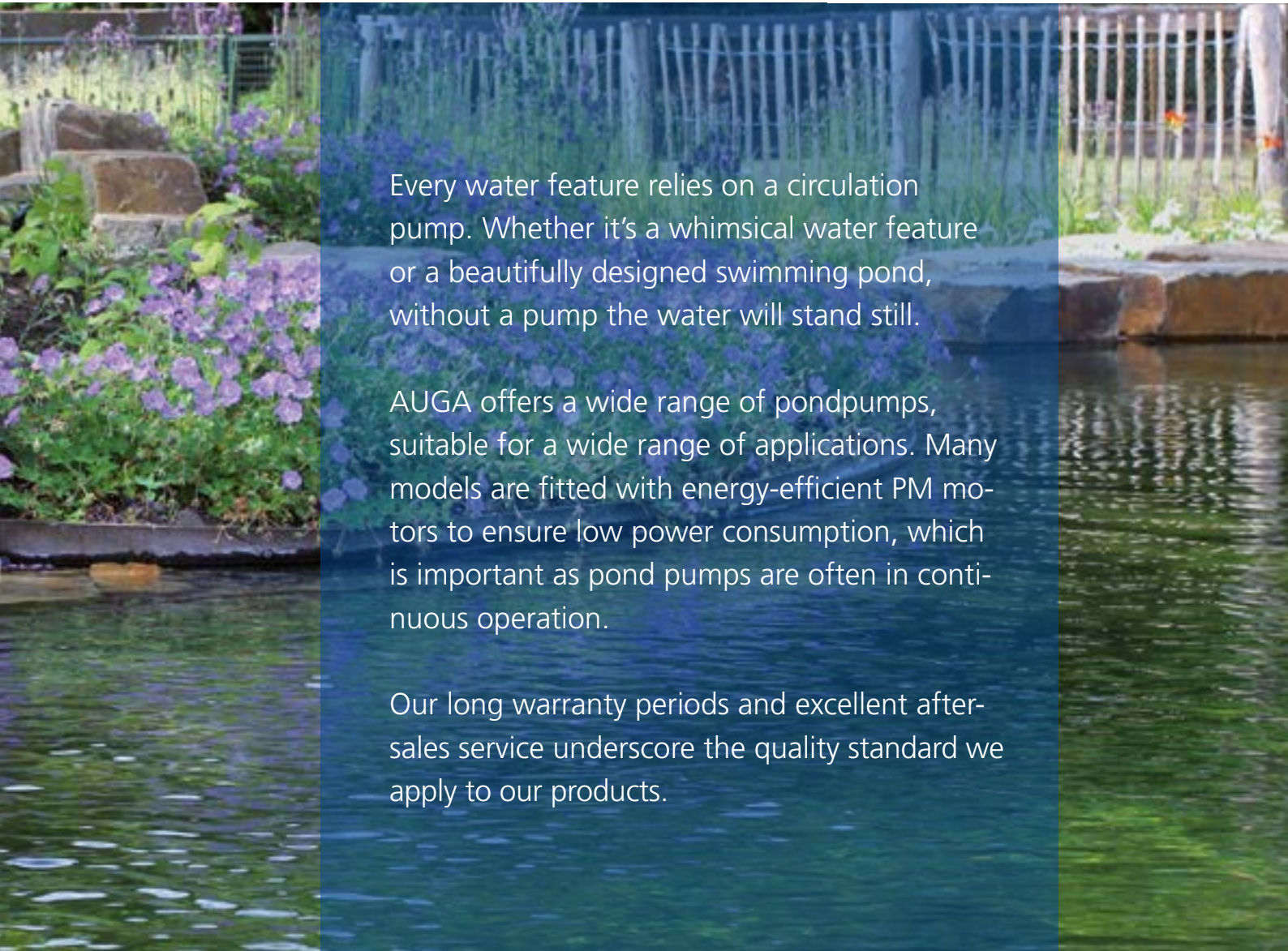
Filter systems



Waterfalls



Watercourses



Every water feature relies on a circulation pump. Whether it's a whimsical water feature or a beautifully designed swimming pond, without a pump the water will stand still.

AUGA offers a wide range of pond pumps, suitable for a wide range of applications. Many models are fitted with energy-efficient PM motors to ensure low power consumption, which is important as pond pumps are often in continuous operation.

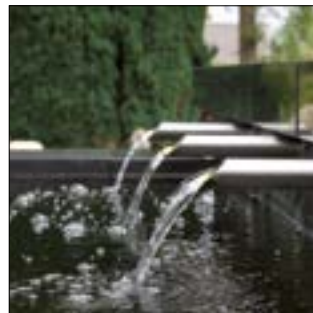
Our long warranty periods and excellent after-sales service underscore the quality standard we apply to our products.



Water art installations



Water elements



Waterfalls

AUGA pond pumps with permanent magnet motors (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, as mandated by the authorities. The aim is to reduce energy consumption and CO2 emissions among large-scale users, and as a result, the introduction of PM motors has become a reality.

AUGA quickly recognised the significant benefits of this technology and has been using it for its own range of pond pumps for more than a decade now.

The E series is our latest development, offering improved performance with lower power consumption. For pond pumps that are in frequent use, this results in significant savings on energy costs.

PM motors are on average 25% more efficient

What are PM motors?

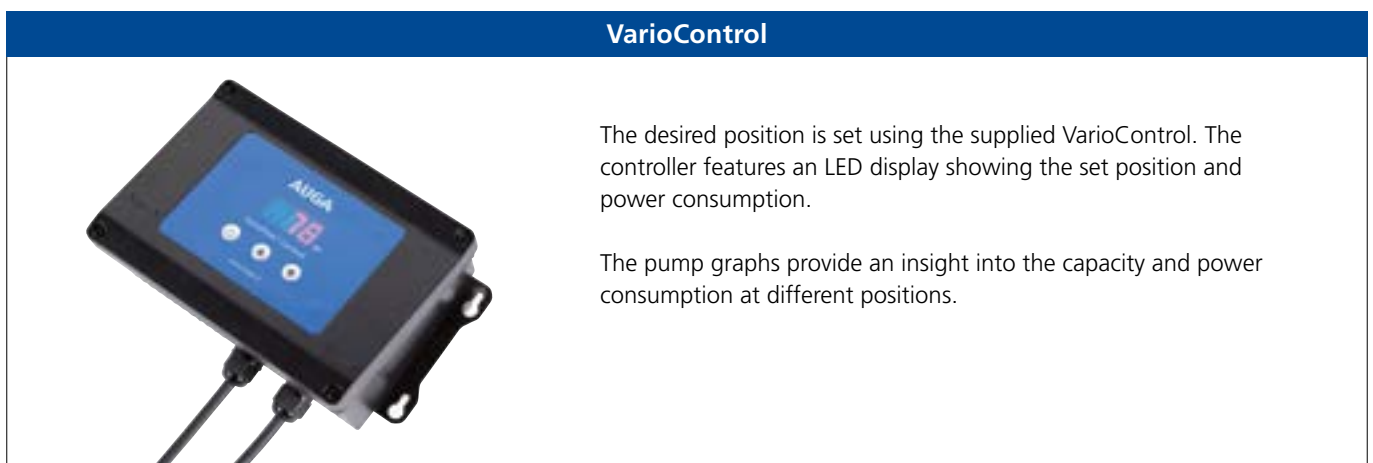
Six powerful magnets convert electrical energy into mechanical energy, which drives the pump. This motor technology is on average 25% more efficient than conventional engine technology, which is where the first gains are made.



VarioFlow® E pumps are electronically controlled and can reduce electricity costs by up to 60%

PM motors are technical marvels: Alternating current (AC) from the mains is converted into direct current (DC) using the VarioControl control system. This allows the engine speed to be easily adjusted in steps from 1 to 100.

As the speed decreases, both the capacity and power consumption decrease proportionally. A pump does not need to operate at full capacity during the colder months of the year; by reducing the speed of a VarioFlow E pump, electricity costs can be reduced by up to 60%.



Open fan



An open impeller with three blades prevents blockage of the pump

AUGA pumps are highly resistant to clogging, thanks to the large clearance between the impeller blades; this clearance determines the solid handling.

The suction basket supplied is intended solely to protect against larger debris and aquatic life in ponds when the pump is placed in the water.

AquaFlow® E and VarioFlow® pond pumps

Can be set up dry outside the pond and features a fully rotatable motor for maximum ease of installation

All AquaFlow® E and VarioFlow® E pumps are suitable for use both submerged and above water, provided the pump is supplied with water. The pump can also be rotated in any direction, allowing the discharge connection to be positioned as required.



Technical specifications for AUGA pumps with energy-efficient PM motors

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

Continuous monitoring



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

Our pumps deliver on their promises, which is why every year, pumps straight from the production line are thoroughly tested on a calibrated test bench.

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

AquaFlow® E pumps are truly versatile. They can be installed either submerged or on dry land next to the water (under waterlevel) for circulation, waterfalls, filter systems and any other conceivable situation where water needs to be pumped. The pumps are fitted with the latest generation of PM motors, which are more energy-efficient and operate more quietly.

Type	Motor W	Q max l / h	H max m	Connection suction / pressure	L x W x H mm	Solid handling mm	Cable m	Item 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

Whether in the water or out of it, it doesn't matter: all models are versatile, as long as there is enough water supply to the pump. The motors are encased in waterproof synthetic resin, making them safe and, moreover, whisper-quiet.

- High-efficiency PM motor.
- 6-pole high-torque motor.
- Can be installed in a dry or wet environment.
- Steplessly adjustable pump casing/pressure connection.
- Suction basket mesh size: 8 mm.
- Open impeller passage for AquaFlow® E-5000 and E-10000: Ø 12 mm.
- Open impeller passage for AquaFlow® E-15000 and E-20000: Ø 16 mm.
- A built-in microprocessor controls the engine management system.
- Voltage 230 V / 50 Hz.

AquaFlow® E pump with suction basket for underwater use



AquaFlow® E without suction basket for dry installation



AquaFlow® E pond pumps

In addition to flow rate (l/h), the head (m) that a pump can deliver is a very important factor; the head largely determines a pump's energy consumption. It is therefore important to select the right pump, and comparing pumps solely on the basis of their flow rate in litres is not objective.

Included with the pump

- AquaFlow® E pump with a 10-metre power cable.
- AquaFlow® E 5000/10000: Hose couplings 25/32/40 mm and 40 mm adhesive connector.
- AquaFlow® E 15000/20000: Hose tails 32/40/50 mm and adhesive connector 50 mm.

Materials

- Motor housing and suction strainer: plastic.
- Pump shafts and slide bearings: ceramic.

Construction and safety

- The pumps fully comply with European CE guidelines.
- CE relates to construction and safety of appliances.



Warranty

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

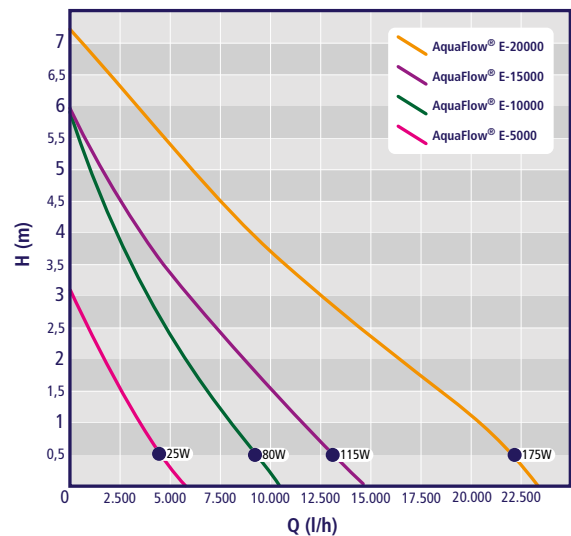
AquaFlow® E pump with a continuously variable motor



Suitable for dry installation with a continuously rotatable housing for precise positioning of the pressure connection.



AquaFlow® E pump diagram



VarioFlow® E pond pumps with permanent magnet motors and variable-speed control

VarioFlow® E pond pumps with a permanent magnet motor and variable frequency drive for stepless speed control.

Type	Motor W	Q max l / h	H max m	Connection suction / pressure	L x W x H mm	Solid handling mm	Cable m	Item 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

Whether submerged or out of the water, it doesn't matter: all models are versatile, provided there is a sufficient water supply to the pump. The motors are encased in waterproof synthetic resin, making them safe and, what's more, whisper-quiet.

- High-efficiency PM motor.
- 6-pole high-torque motor.
- Control panel for stepless capacity adjustment.
- Connector between the pump and the control panel
- Digital display of power consumption and the set percentage.
- Can be installed in a dry or wet environment.
- Steplessly adjustable pump casing/pressure connection.
- Solid handling of pump strainer: 8 mm.
- Solid handling of open impellor of VarioFlow® E-10: Ø 12 mm.
- Solid handling of open impellor of VarioFlow® E-20 and E-30: Ø 16 mm.
- A built-in microprocessor controls the engine management system.
- Read fault codes on the display for: overvoltage, undervoltage, low water level/dry running, phase failure, pump blockage, overload.
- Voltage 230 V / 50 Hz.

Coupling plug



VarioFlow® E pump with suction basket for submersible use



VarioFlow® E pump without strainer for dry installation



VarioFlow® E pond pumps

The VarioFlow® E pumps can be electronically adjusted in capacity, in steps from 1 to 100, using the control panel supplied. Power consumption decreases as the capacity is reduced, since the motor speed is lowered.

The digital display shows the power consumption and the set percentage. Following a power cut, the pump restarts at the set position thanks to the built-in memory.

Included with the pump

- VarioFlow® E pump with a 10-metre power cable.
- VarioFlow® E control panel with a 1.5-metre power cable and a plug.
- VarioFlow® E 10: Hose tails 25/32/40 mm and 40 mm adhesive connector.
- VarioFlow® E 20/30: Hose couplings 32/40/50 mm and 50 mm adhesive connector.

Materials

- Motor and pump housing: plastic.
- Suction basket: plastic.
- Pump shafts and slide bearings: ceramic.

Construction and safety

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



Warranty

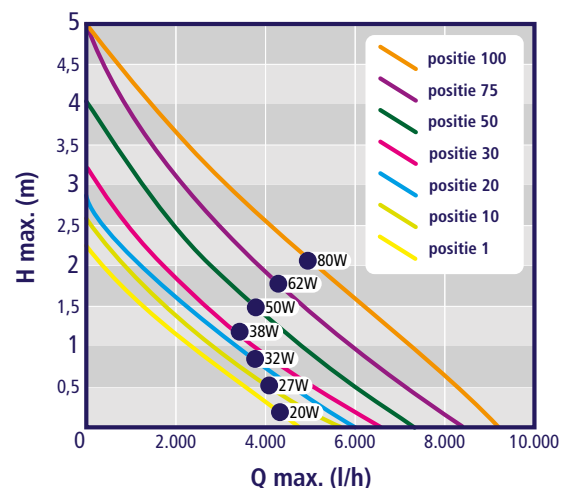
- 3-year warranty in accordance with the general warranty terms and conditions.

VarioFlow® E pump with a continuously variable motor

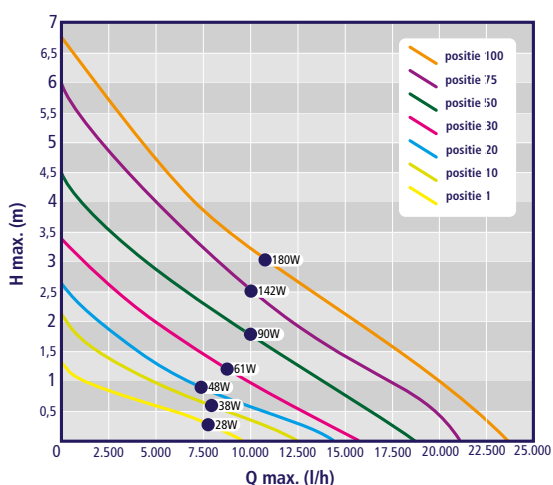


Suitable for dry installation with a continuously rotatable housing for precise positioning of the pressure connection.

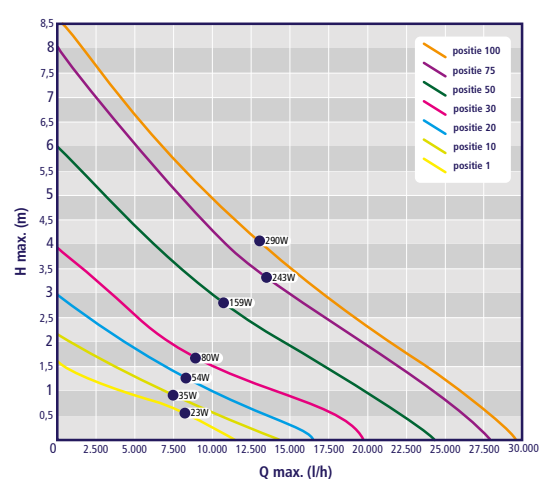
VarioFlow® E-10 pump diagram



VarioFlow® E-20 pump diagram



VarioFlow® E-30 pump diagram



Capacity, head and power consumption decrease as the speed is reduced. The graphs show the various models, with Example 6: set positions and the corresponding power consumption.

Compact E pond and ornamental pumps with PM motor

Type	Motor W	Q max l / h	H max m	Connection		L x W x H mm	Solid handling mm	Cable m	Item No.
				suction/press	hose mm				
Compact E-1800	11	1800	2,2	1 1/4"	20 / 25 / 32	182 x 115 x 110	4	10	102050
Compact E-2800	18	2800	3,0	1 1/4"	20 / 25 / 32	182 x 115 x 110	4	10	102051
Compact E-4200	32	4200	4,5	1 1/4"	20 / 25 / 32	182 x 115 x 110	4	10	102052

Product description

The Compact E series is a highly efficient and quiet submersible pump for smaller filter systems, ornaments and fountain heads. A set of fountain heads is available as an option (see page 12). Durable motor technology with low power consumption and a long service life.

- Manually adjustable capacity.
- Very quiet operation.
- Built-in motor/dry-run protection.
- Voltage 230 V/50 Hz.
- High-efficiency motor.
- Can be installed in a dry or wet position.

Included with the pump

- Compact E pump, including 2 hose connectors.

Materials

- Motor housing and suction strainer: plastic.
- Pump shafts and slide bearings: ceramic.

Construction and safety

- The pumps fully comply with European CE guidelines.



Warranty

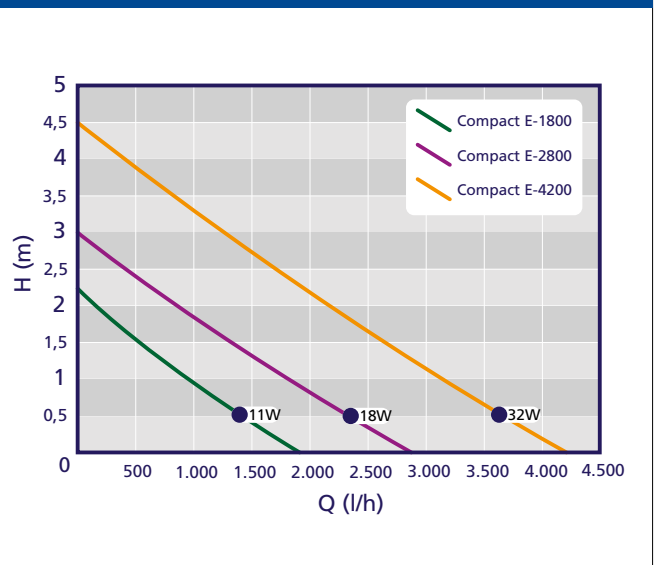
- 3-year warranty in accordance with the general warranty terms and conditions.



Compact E pump



Compact E Pump Diagram



Compact E pond and ornamental pumps with PM motor

Type	Motor W	Q max l / h	H max m	Connection		L x W x H mm	Solid handling mm	Cable m	Item No.
				suction/press	hose mm				
Compact E-6000	40	6000	4,0	1 1/4"	20 / 25 / 32 / 38	256 x 123 x 137	6	10	102053
Compact E-8000	60	8000	4,8	1 1/4"	20 / 25 / 32 / 38	256 x 123 x 137	6	10	102054

Product description

Compact pumps with high capacity. These versatile pumps are suitable for filter systems, small waterfalls and fountains.

- Large pre-filter.
- Very quiet operation.
- Built-in motor/dry-run protection.
- Voltage 230 V/50 Hz.
- High-efficiency motor.
- Can be installed in a dry or wet position.

Included with the pump

- Compact E pump, including 2 hose connectors.

Materials

- Motor housing and suction strainer: plastic.
- Pump shafts and slide bearings: ceramic.

Construction and safety

- The pumps fully comply with European CE guidelines.



Warranty

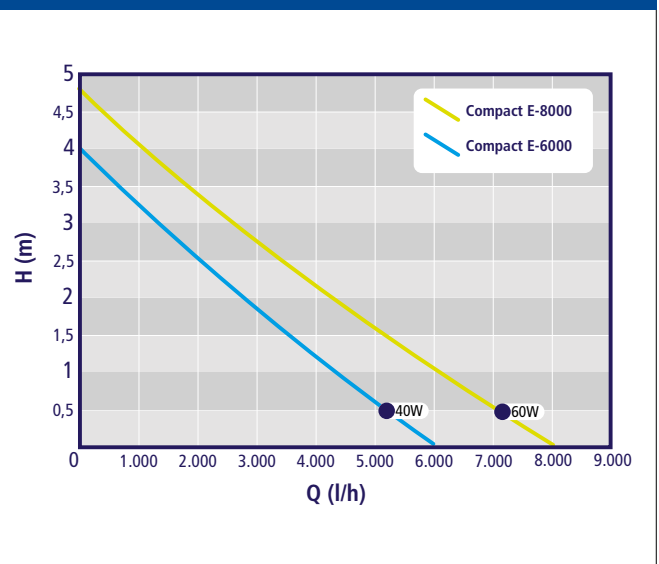
- 3-year warranty in accordance with the general warranty terms and conditions.



Compact E pump



Compact E Pump Diagram



Fountain head set for Compact E pumps

Fountain head set suitable for all Compact E models. The distribution valve has an additional connection for a water feature, for example.

Type	Suitable for	Connection	Item no.
Compact E Kit	E-1800, E-2800, E-4200	1 1/4"	991094

Included

- Fountain head set.
- Manifold valve.
- Telescopic extension tube.

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



AquaFlow® pond pumps with high head

Powerful pond pumps with high head, suitable for waterfalls, fountains and watercourses.

Type	Motor W	Q max l / h	H max m	Connection suction / pressure	L x W x H mm	Solid handling mm	Cable m	Item 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, and their capacity can be adjusted using a VarioTronic speed controller.

- Can be used in a dry-wet configuration.
- Semi-open impeller for conveying solid particles up to \varnothing 8 mm.
- Voltage 230 V / 50 Hz.



The pumps are fitted with powerful asynchronous motors; their capacity and power consumption can be controlled electronically adjusted using a VarioTronic speed controller. (see page 39).

Included with the pump

- AquaFlow® pump
- Hose tails.

Materials

- Motor housing and suction strainer: plastic.
- Pump shafts and slide bearings: ceramic.

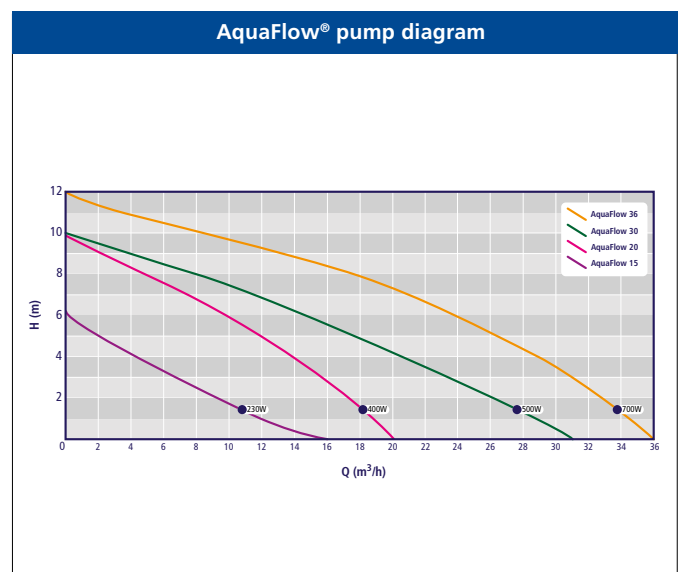
Construction and safety

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



Warranty

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



Lotus 20 F floating aeration fountain

Water aeration and an attractive fountain. This combination works particularly well in ponds, where stagnant and warming water can lead to algae growth and a lack of oxygen.

Type	Motor W	Q max l / h	Fountain statue		Dimensions Ø x H mm	Cable m	Item no.
			max. Ø (cm)	max H cm			
Lotus-20 F	90	20.000	300	100	327 x 255	10	104301

Product description

- Water circulation and aeration.
- Propeller impeller for high water flow.
- Dirt-resistant.
- 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 shafts and slide bearings: ceramic.

Construction and safety

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



Included with the pump

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

Warranty

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

Lotus-20 F





HI-Flow submersible pumps, WB series

High-capacity submersible pumps, suitable for large fountains, waterfalls, streams and water features.

Type	Motor kW (P2)	Q max* m ³ /h	H max m	Connection pressure	Cable m	Item no. 230 V / 1-phase	Item no. 400 V / 3-phase
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 submersible pumps are suitable for larger water features, such as fountains, streams, waterfalls, water screens, etc. The unit can be installed in a stationary position, or mounted beneath a float for use as a fountain pump.

- High-efficiency submersible pumps.
- Made entirely from 304 stainless steel (316 stainless steel available on request).
- Fixed or floating installation.
- Can be installed horizontally or vertically.
- Large, fine-mesh suction basket suitable for use as a fountain pump.

WB pump, stationary installation



Complete fountain set with WB pump



HI-Flow submersible pumps, WB series

HI-Flow pumps are high-quality, industrial-grade pumps featuring highly efficient pump technology.

Included with the pump

- Submersible pump with a large stainless steel suction strainer.
- Supplied as standard with a 20-metre power cable; can be extended.
- 230 V, including a control box with an on/off switch and thermal protection.
- 400 V 3-phase; must be connected by an electrician.

Materials:

- Pump and suction basket made of 304 stainless steel (316 stainless steel also available).
- Engine shaft seals: Silicon carbide.
- Engine filled with mineral oil, fully organic.

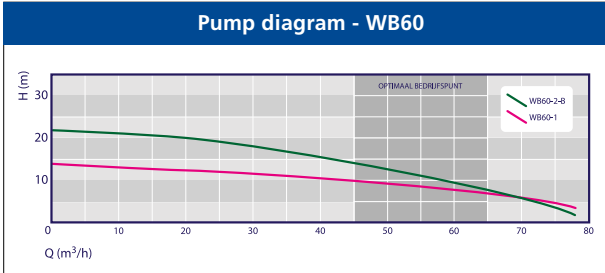
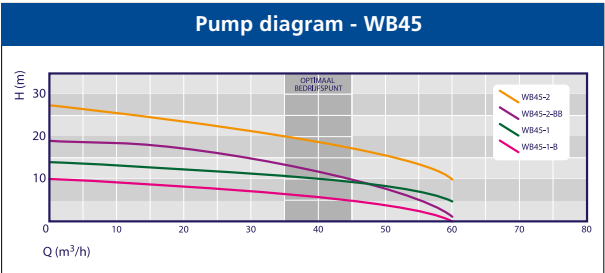
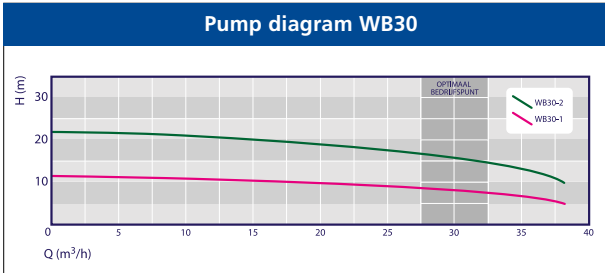
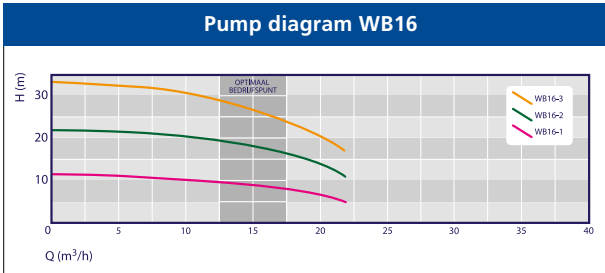
Construction and safety:

- The pumps fully comply with European CE guidelines.
- CE relates to the construction and device safety.

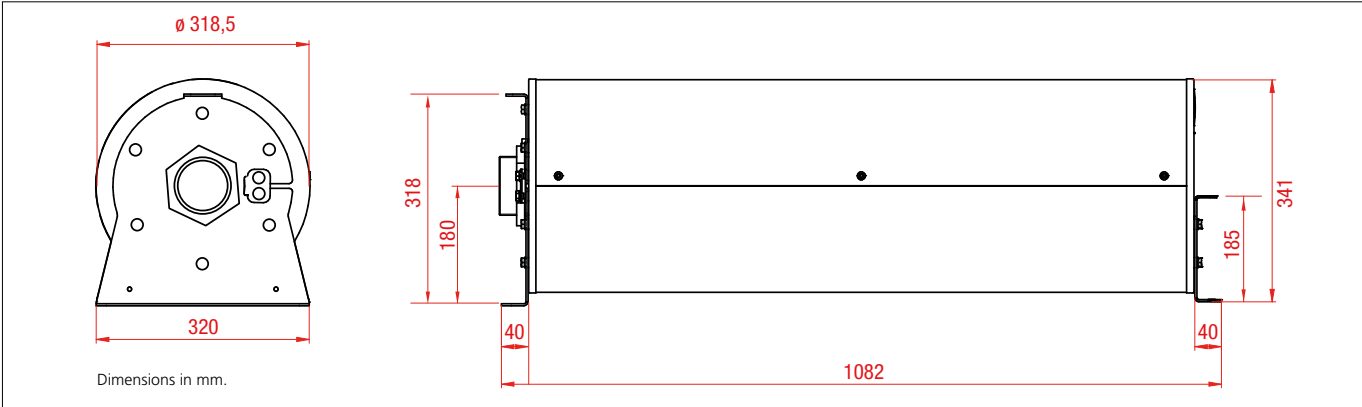


Warranty

- 2 years in accordance with the general warranty terms and conditions.



The graphs show the optimum operating point for each series. It is important – to ensure the pump operates effectively and has a long service life – to select the right pump for each water project.





Pond pumps

For over 50 years, the German brand Messner has been a manufacturer of high-quality, technical pond products, with a particular focus on pumps.

The family business is rightly proud that the entire production takes place in-house, which is why we can guarantee reliability and quality. The long warranty period on the pumps underscores this.





Messner has been manufacturing pond pumps for over 50 years and is renowned for its reliable technology and excellent service. Craftsmanship underpinned by a deep commitment to quality. A significant step forward was the switch from asynchronous motor technology to highly efficient and energy-saving PM motor technology, or Permanent Magnet motors. PM motor technology has been established in the pond pump market for some time. Messner has also embraced this technology with 6-pole PM motors, powering its new MoveEasy pumps.

moveEasy technology

- Suitable for both wet and dry installation.
- Flow control integrated into the pump.
- Modern high-efficiency PM 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 balance between performance and energy consumption thanks to electronic control in 5% increments, integrated directly into the housing.

- **Sustainable**

High-quality stainless steel and ceramic components.

- **Smart**

Water-cooled electronics for a longer service life.

- **Strong**

Modern plastics and a glass-fibre-reinforced housing ensure that the connectors are highly resistant to breakage.

- **Easy to maintain**

Large debris passage and generous tolerances for longer service intervals. Thoughtfully designed down to the smallest detail, such as 90° swivel connectors.



moveEasy EQ-25 pond pumps

Type	Motor W	Q max l / h	H max m	Connection suction / pressure	L x W x H mm	Solid handling mm	Cable m	Item 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-purpose pond pumps fitted with the latest generation of PM motors. Pump capacity and motor power are fully adjustable in 5% increments

- Power control electronics fully encapsulated in synthetic resin.
- Suitable for dry and wet installation.
- Unique internal bypass system: water flows past the electronics' heat sink, preventing overheating in extreme situations.
- Open impeller, suitable for wastewater containing solids up to 10 mm.
- Motor and pump housing made of glass-fibre-reinforced plastic.
- Adjustable pump housing.
- Suitable for dry and wet installation.

Application

- **moveEasy EQ-25** For ponds, swimming ponds and water features in general.
- **moveEasy EQ-25 CL** Suitable for water containing up to 1 mg/l of chlorine.

Warranty

- 5-year manufacturer's warranty.

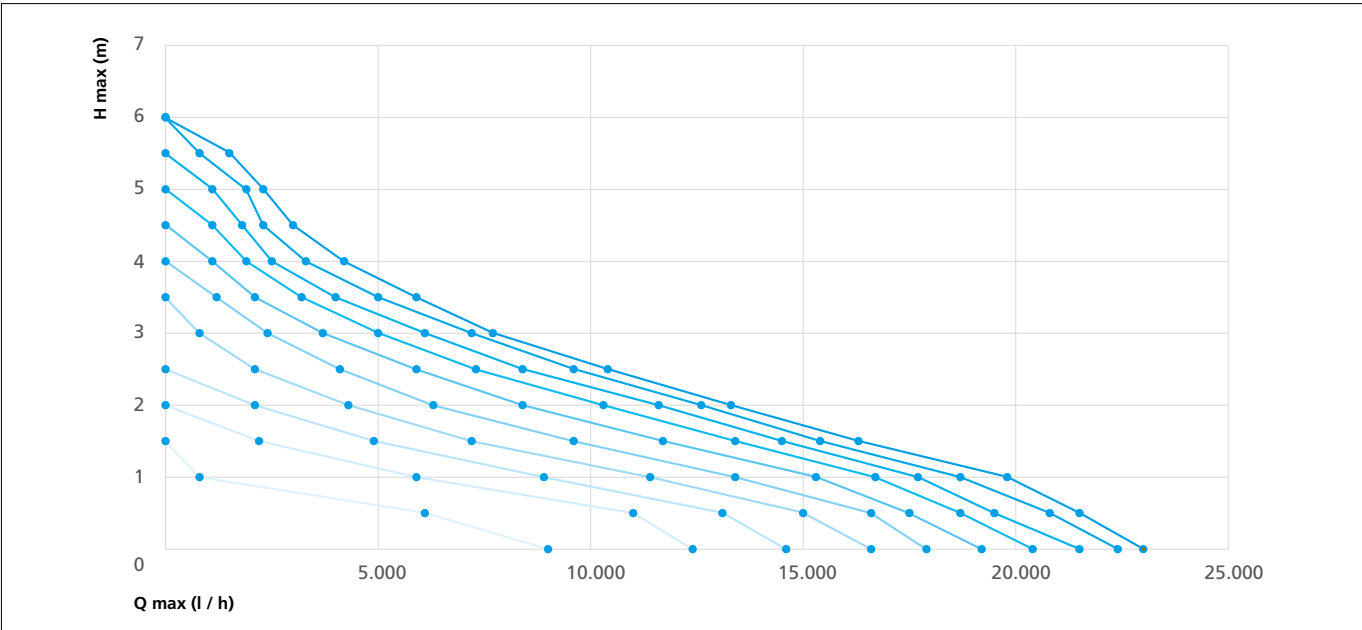
moveEasy EQ-25



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 / pressure	L x W x H mm	Solid handling mm	Cable m	Item 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-purpose pond pumps fitted with the latest generation of PM motors. Pump capacity and motor power are fully adjustable in 5% increments.

- Power control electronics fully encapsulated in synthetic resin.
- Suitable for dry and wet installation.
- Unique internal bypass system: water flows past the electronics' heat sink, preventing overheating in extreme situations.
- Open impeller, suitable for wastewater containing solids up to 12 mm.
- Motor and pump housing made of glass-fibre-reinforced plastic.
- Adjustable pump housing.

Application

- **moveEasy EQ-45** For ponds, swimming ponds and water features in general.
- **moveEasy EQ-45 CL** Suitable for water containing up to 1 mg/l of chlorine.

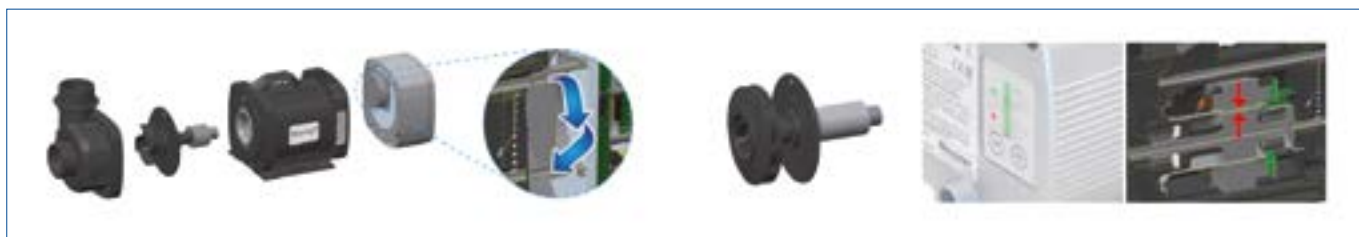
Warranty

- 5-year manufacturer's warranty.

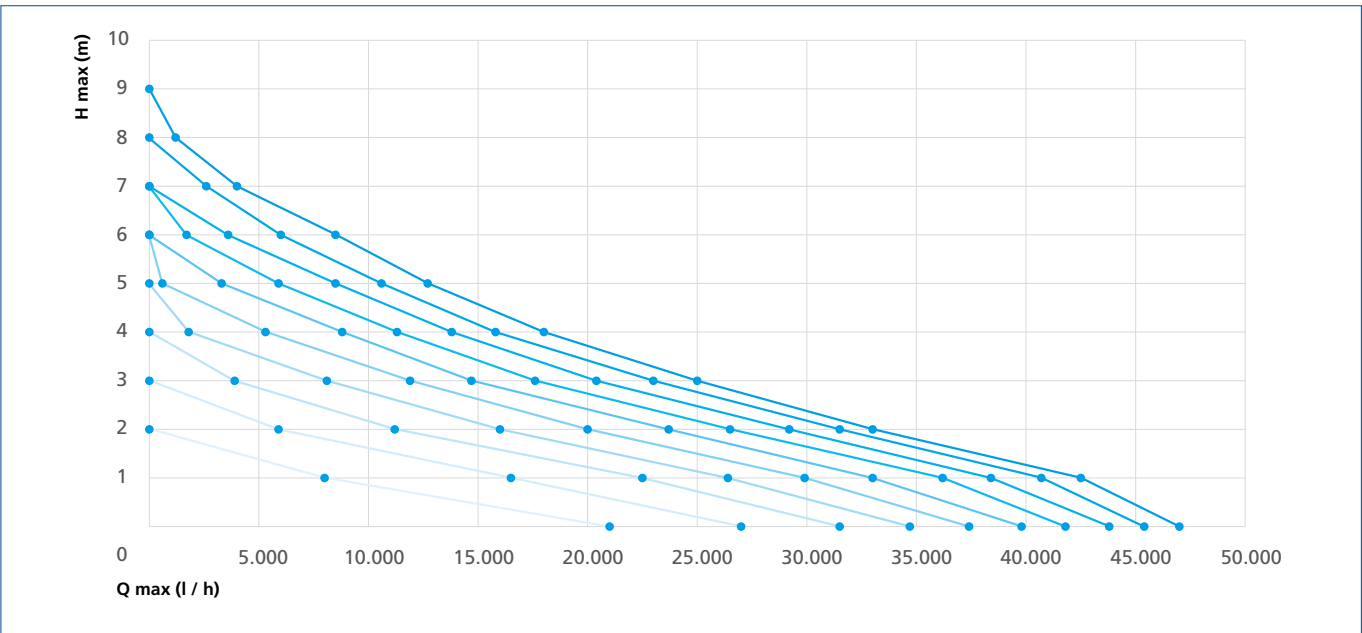
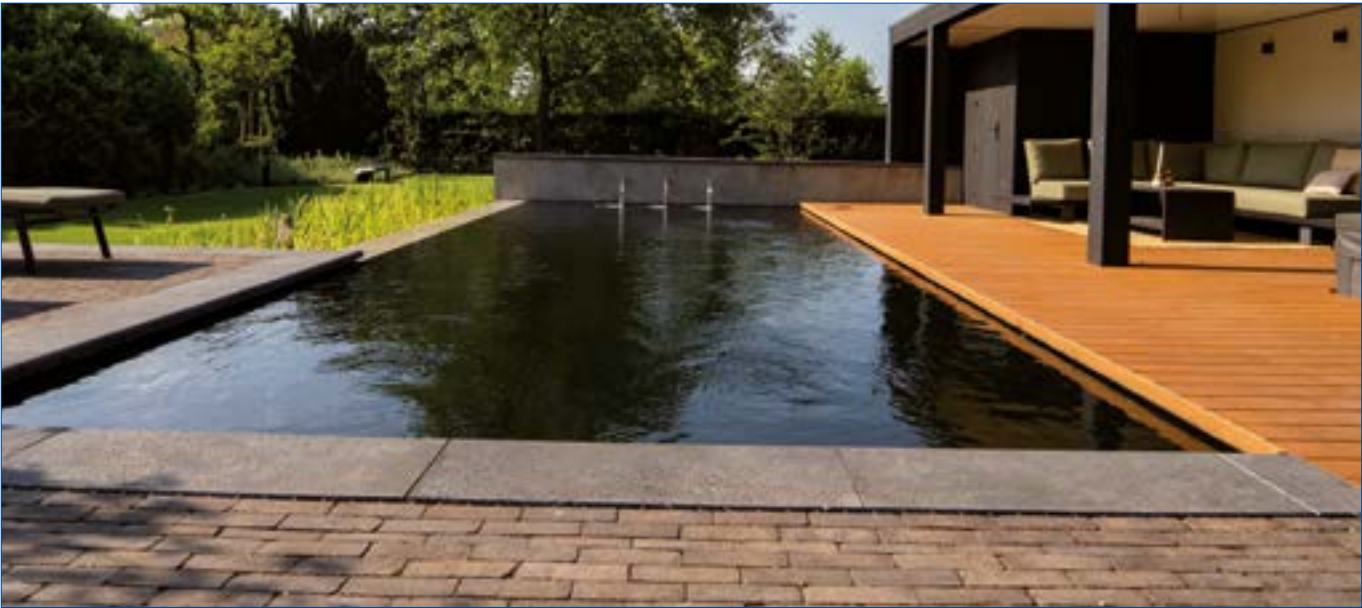
moveEasy EQ-45



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 / pressure	L x W x H mm	Solid handling mm	Cable m	Item 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-purpose pond pumps fitted with the latest generation of PM motors. Pump capacity and motor power are fully adjustable in 5% increments

- Power control electronics fully encapsulated in synthetic resin.
- Suitable for dry and wet installation.
- Unique internal bypass system: water flows past the electronics' heat sink, preventing overheating in extreme situations.
- High supply pressure.
- Solid particles up to 4 mm.
- Motor and pump housing made of glass-fibre-reinforced plastic.
- Adjustable pump housing.

Application

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

Warranty

- 5-year manufacturer's warranty.

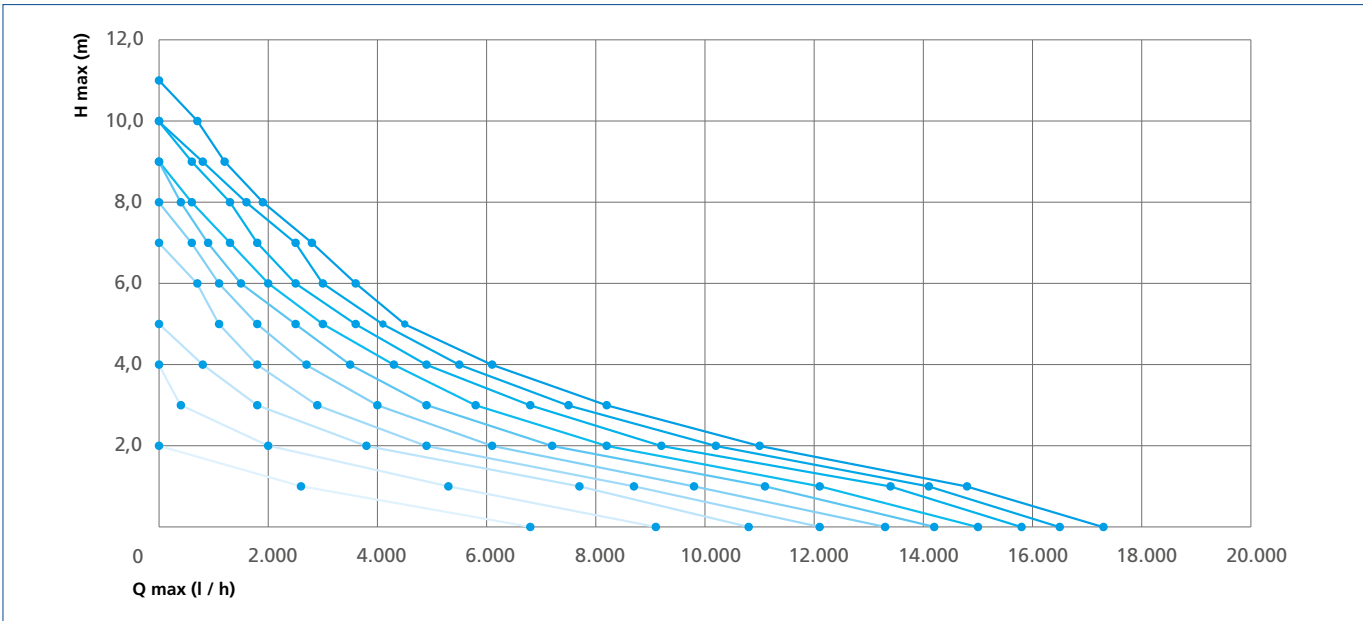
moveEasy EP-18



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 / pressure	L x W x H mm	Solid handling mm	Cable m	Item 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-purpose pond pumps fitted with the latest generation of PM motors. Pump capacity and motor power are fully adjustable in 5% increments

- Power control electronics fully encapsulated in synthetic resin.
- Suitable for dry and wet installation.
- Unique internal bypass system: water flows past the electronics' heat sink, preventing overheating in extreme situations.
- High supply pressure.
- Solid particles up to 4 mm.
- Motor and pump housing made of glass-fibre-reinforced plastic.
- Adjustable pump housing.

Application

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

Warranty

- 5-year manufacturer's warranty.

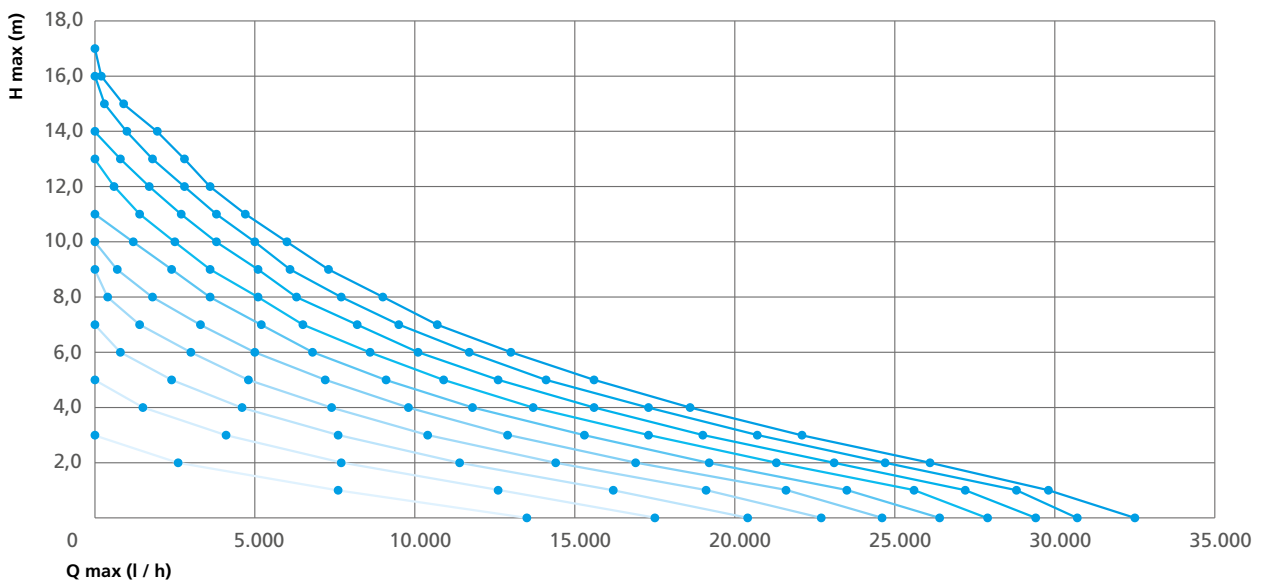
moveEasy EQ-35



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 pumps

With over 50 years of experience, the German brand Messner guarantees exceptional durability, reliability and outstanding reliable engine technology.

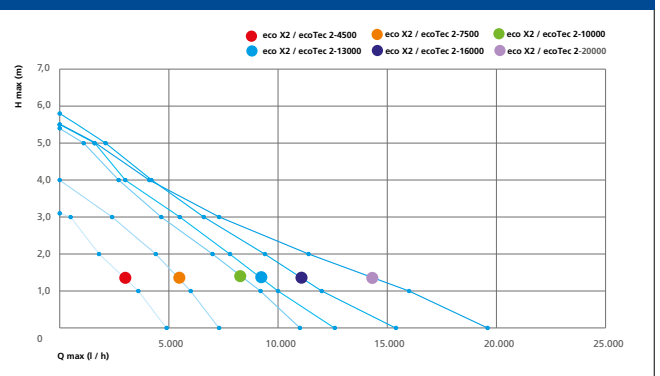
Type	Motor W	Q max l / h	H max m	Connection suction / pressure	L x W x H mm	Solid handling mm	Cable m	Item no.
Eco X2-4500	48	4900	3,1	1 1/4"	180 x 270 x 360	8	10	ME5000
Eco Tec2-4500	48	4900	3,1	1 1/4"	192 x 145 x 230	8	10	ME5020
Eco X2-7500	75	7300	4,0	1 1/4"	180 x 270 x 360	8	10	ME5001
Eco Tec2-7500	75	7300	4,0	1 1/4"	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 inside (Eco X2) and outside the pond (Tec2), offering low power consumption and excellent performance.

- Extremely reliable engine technology.
- Low-noise motor.
- A quality product from Germany.
- Rotatable pump housing.
- Includes hose tails.
- Eco Tec2 series with a robust base plate.
- Capacity and motor power adjustable via VarioTronic 350, see page 39.

Eco X2 Pump Diagram - Eco Tec2



Eco X2



Eco Tec2



Eco X2 Plus and Eco Tec2 Plus pond pumps

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

Type	Motor W	Q max l / h	H max m	Connection suction / pressure	L x W x H mm	Solid handling mm	Cable m	Item 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 being designed to be 'low-energy', with a view to using energy in a sustainable and environmentally responsible manner. The Plus series has been specially developed for this purpose and is the ideal pump for circulation and filter systems in technical pits.

- Extremely reliable engine technology.
- Low-noise motor.
- A quality product from Germany.
- Rotatable pump housing.
- Includes hose tails.
- Eco Tec2 series with a robust base plate.
- Capacity and motor power adjustable via VarioTronic 350, see page 39.

Included with the pump

- Eco X2 and Eco Tec2 with a 10-metre power cable.
- Hose tails.
- Eco Tec2 series with base plate.

Materials

- Motor, pump housing, suction basket, base plate: plastic.
- Pump shafts and slide bearings: ceramic.

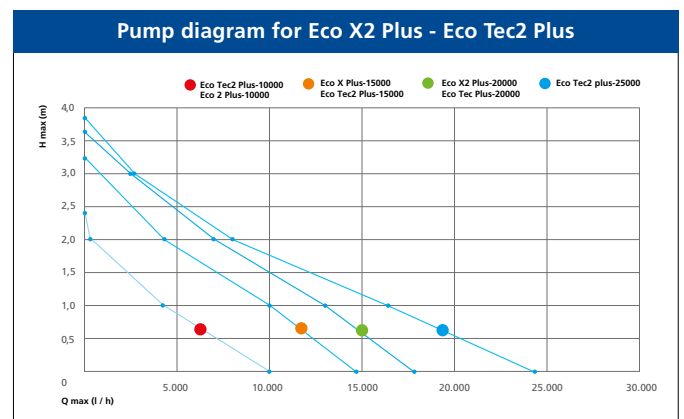
Construction and safety

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



Warranty

- 5-year warranty in accordance with the terms and conditions.



Power X2 and Power Tec2 pond pumps

Powerful pond pumps with high delivery pressure.

Type	Motor W	Q max l / h	H max m	Connection suction / pressure	L x W x H mm	Cable m	Item no.
Power X2-6000	100	6200	6,00	1 1/4"	360 x 270 x 180	10	ME5041
Power Tec2-6000	100	6200	6,00	1 1/4"	240 x 145 x 195	10	ME5051
Power X2-8000	150	8100	6,50	1 1/4"	360 x 270 x 180	10	ME5042
Power Tec2-8000	150	8100	6,50	1 1/4"	240 x 145 x 195	10	ME5052
Power X2-10000	190	10000	7,00	1 1/4"	360 x 270 x 180	10	ME5043
Power Tec2-10000	190	10000	7,00	1 1/4"	240 x 145 x 195	10	ME5053

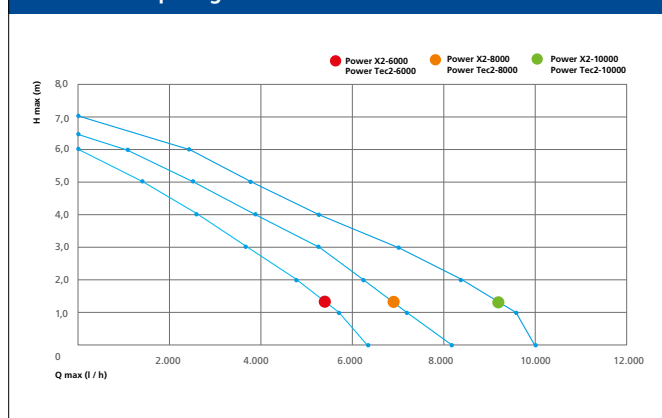
Product description

The **X2** series of pond pumps is designed for use in ponds and fitted with a fine-mesh suction basket.

The **Tec2** series consists of built-in pumps designed for installation outside the pond. The pumps are fitted with a closed impeller, designed for pumping clean water free of solids.

- Extremely reliable engine technology.
- Low-noise motor.
- A quality product from Germany.
- Tec2 series swivel pump housing.
- Robust base plate, Tec2 series.
- Includes hose tails.
- 5-year warranty.
- Capacity and motor power adjustable via VarioTronic 350, see page 39.

Pump diagram for Power X2 and Power Tec2



Power X2



Power Tec 2



Titan Tec seawater pumps

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

Type	Motor W	Q max l / h	H max m	Solid handling mm	Connection suction / pressure	L x W x H mm	Cable m	Item no.
Titan Tec-4500	48	4900	3,10	8	1 1/4"	230 x 145 x 192	2	ME5060
Titan Tec-7500	85	7100	4,00	8	1 1/4"	230 x 145 x 192	2	ME5061
Titan Tec-10000	130	11000	5,40	8	1 1/2"	245 x 145 x 192	2	ME5062
Titan Tec-13000	140	12300	5,50	8	1 1/2"	245 x 145 x 192	2	ME5063
Titan Tec-16000	190	15400	5,80	8	1 1/2"	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

Titan Tec circulation pumps are fitted with a pure Titanium split bushing, rotor, earthing plate and screws. Ceramic plain bearings and pump shafts. The Titan Tec is a built-in pump for dry installation with a bottom inlet.

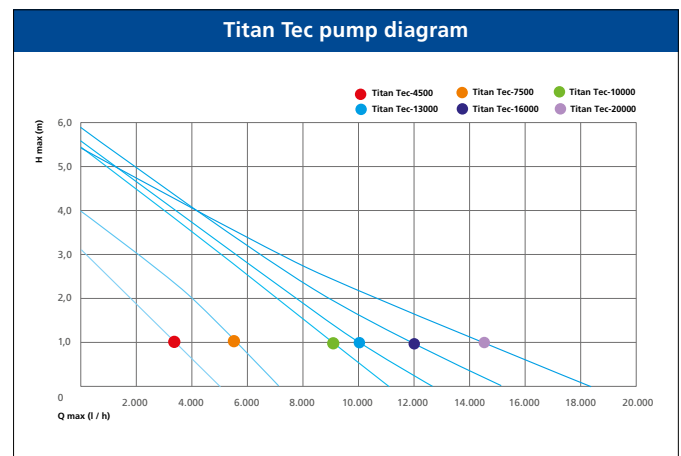
- Extremely reliable engine technology.
- Low-noise motor.
- A quality product from Germany.
- Rotatable pump housing.
- Sturdy base plate.
- Includes hose tails.
- Capacity and motor power adjustable via VarioTronic 350, see page 39.

Included with the pump

- Titan Tec 230 V / 50 Hz with a 2-metre power cable
- 2 three-piece PVC threaded tails

Warranty

- 3-year warranty in accordance with the terms and conditions.
- This range of pumps is manufactured exclusively to order.



MPF pond pumps

The first Messner waste water pump on the market, perhaps the best, and therefore still in production. The range has been around for over 15 years in virtually unchanged form.

Type	Motor W	Q max l / h	H max m	Connection suction / pressure	L x W x H mm	Solid handling mm	Cable m	Item 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 both inside and outside the pond in a technical pit; the pump has excellent solid-handling capability thanks to its open impeller design.

- Sustainable engine technology.
- Sturdy construction.
- Very quiet operation.
- A quality product from Germany.
- Capacity and engine power can be adjusted using VarioTronic 350; see page 39.

Included with the pump

- MPF series with a 10-metre power cable.
- Socket with internal thread.

Materials

- Motor, pump housing, suction basket, base plate: plastic.
- Pump shafts and slide bearings: ceramic.

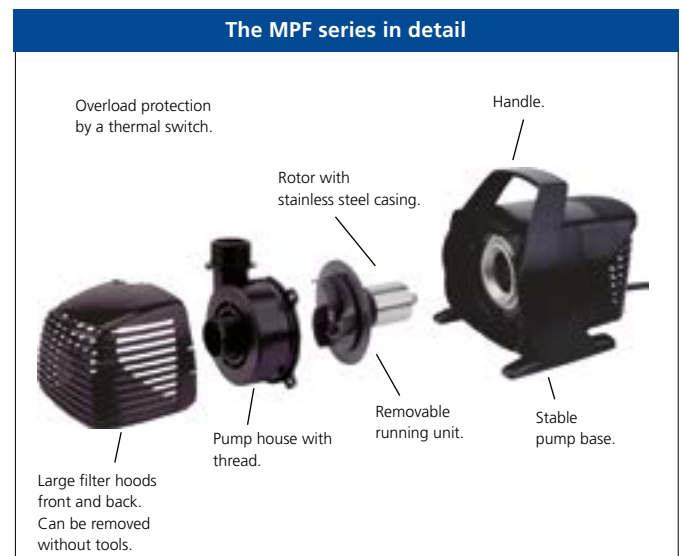
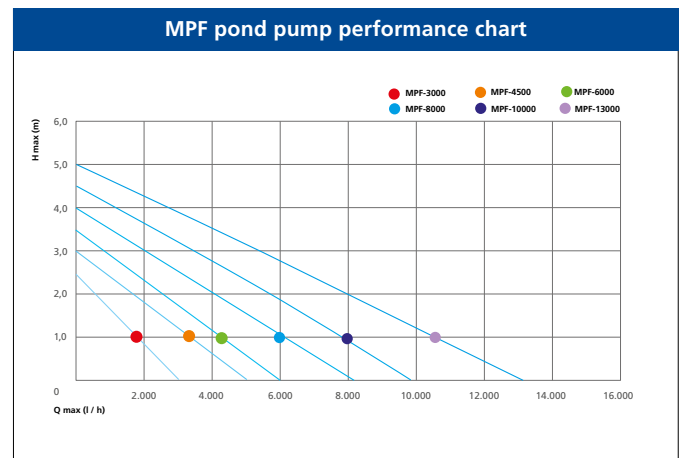
Construction and safety

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



Warranty

- 6-year warranty in accordance with the terms and conditions.



MultiSystem M and MP pond pumps

Extremely robust pumps with a wide range of applications for filter systems, waterfalls, streams and fountains.

Type	Motor W	Q max l / h	H max m	Connection suction / pressure	L x W x H mm	Solid handling mm	Cable m	Item 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 both inside and outside the pond, in a technical pit. High capacity and head, suitable for use as a fountain pump and waterfall pump.

- M series with open impeller, suitable for use as a waste water pump.
- MP series with a closed impeller for clean water transport.
- Sustainable engine technology.
- Sturdy construction.
- Very quiet operation.
- A quality product from Germany.
- Capacity and motor power adjustable via VarioTronic 800, see page 39.

Included with the pump

- M-MP pump with a 10-metre power cable.
- Socket with internal thread.
- Pre-filter basket.

Materials

- Motor, pump housing, suction basket, base plate: plastic.
- Pump shafts and slide bearings: ceramic.

Construction and safety

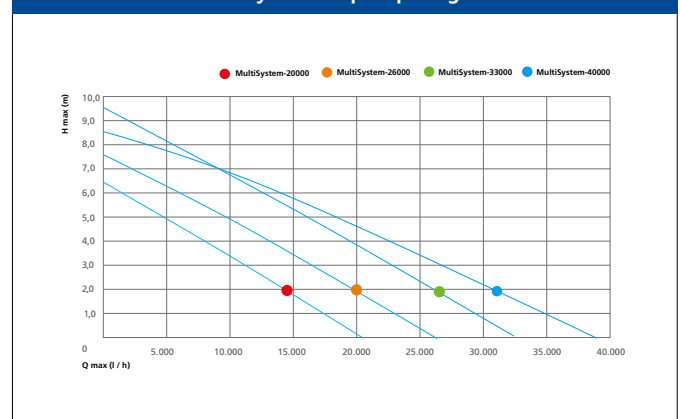
- The pumps fully comply with the European CE directives.
- TÜV certified.
- TÜV certified for swimming pond purpose.



Warranty

- 6-year warranty in accordance with the terms and conditions.

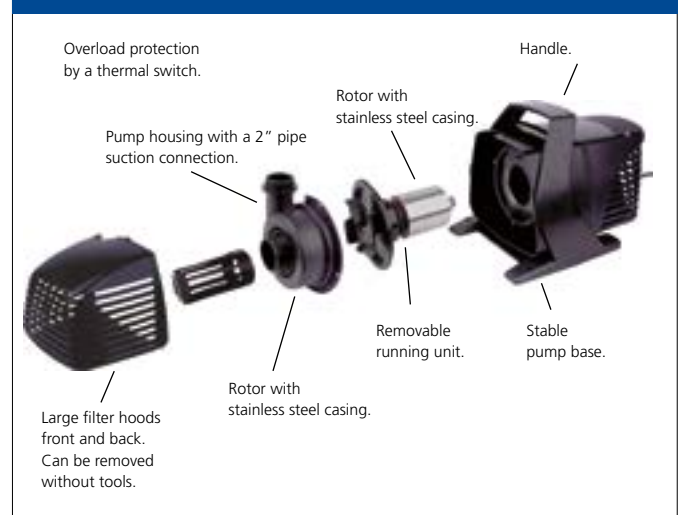
MultiSystem M pump diagram



M series



The M series in detail





Precise electronic adjustment of the pump capacity, or distributing the water flow between a filter and a waterfall.

With the handy tools on the following pages, this is very easy to do.



Fittings



Suction baskets

Suction baskets are needed to keep large debris and live animals out of pumps and filter systems. In most cases, these baskets are fitted to a wall-mounted outlet in the pond, though they can also be fitted directly to pumps.

Type	Materials	Connection	Dimensions	Passage	Item no.
Suction basket	Plastic	2" female thread	∅ = 115 mm L = 130 mm	□ 10 x 3 mm	991068
Fine suction basket	Plastic	2" female thread	B = 130 mm L = 230 mm	○ 3 mm	ME 6181
Coarse suction basket	Plastic	2" female thread	B = 130 mm L = 230 mm	□ 8 mm	ME 6180

Plastic suction basket



Mounting on a pump, pipe, hose or wall duct.

Fine- and coarse-mesh suction basket



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

Suction basket modular system

Type	Materials	Connection	Dimensions	Passage	Item no.
Pre-filter	Plastic	1 1 / 4"	∅ 120 mm L = 50 mm	<-> 3 mm slots	ME9137
Pre-filter	Plastic	1 1 / 2"	∅ 120 mm L = 50 mm	<-> 3 mm slots	ME9138
Pre-filter	Plastic	2"	∅ 120 mm L = 50 mm	<-> 3 mm slots	ME9139
Pre-filter extension	Plastic	-	∅ 120 mm L = 50 mm	<-> 3 mm slots	ME9140

Pre-filters

Modular system for connection to pumps or to a wall outlet in a pond, serving as a suction basket.

Applications

- Suction basket for pond pumps.
- Protective cage for the suction pipe.
- The expansion module can be connected to the base module in multiple ways be linked.

Pre-filters



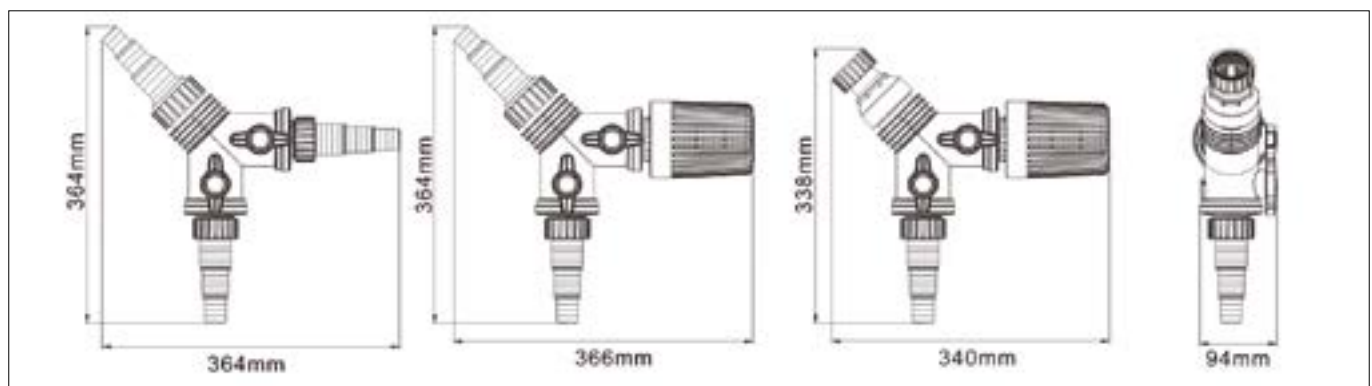
MD-3 3-way distributor

Multi-tool for pond pumps, divides the water flow into two directions, for both the suction and discharge sides of the pump.

Type	Hose connections ø mm	Wire connections external thread (inch)	Item no.
MD-3	3 x 25 / 32 / 40	2 x 1½" – 1 x 2"	901067

Applications

- Water intake from two points, for example via a basket and a skimmer.
- Pumping water to two locations, such as a waterfall and a filter.
- Fitted with 2 control valves.
- Supplied with 3 hose connections, 1 suction basket and 1 adapter nipple (2 x 1½").
- Suitable for underwater installation only.
- Passage size of suction basket <-> 6 mm slots.



Motor adjusters

VarioTronic speed controllers, suitable for pond pumps with asynchronous motors, adjust the motor speed, allowing the flow rate to be tailored to requirements.

Type	Max. wealth	Tension	Item no.
VarioTronic-800	800 W	230 V	01B902
VarioTronic-350	350W	230 V	ME2974

Applications

- Precise adjustment of the fountain, filter, waterfall and other features.
- Suitable for pumps with asynchronous motors:
Messner: MPF series, Eco-X, Eco-Tec, Multi System.
AUGA: AquaFlow 15, 20, 30 and 36.
- Reduce capacity to approximately 50%.
- Reduction in power consumption of up to approximately 50%, depending on the model.



AUGA 2026

Further developments and technical subject to change.

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