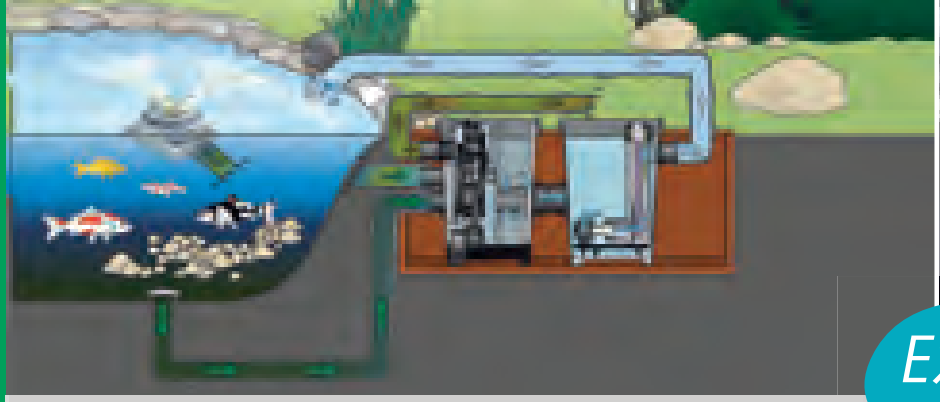
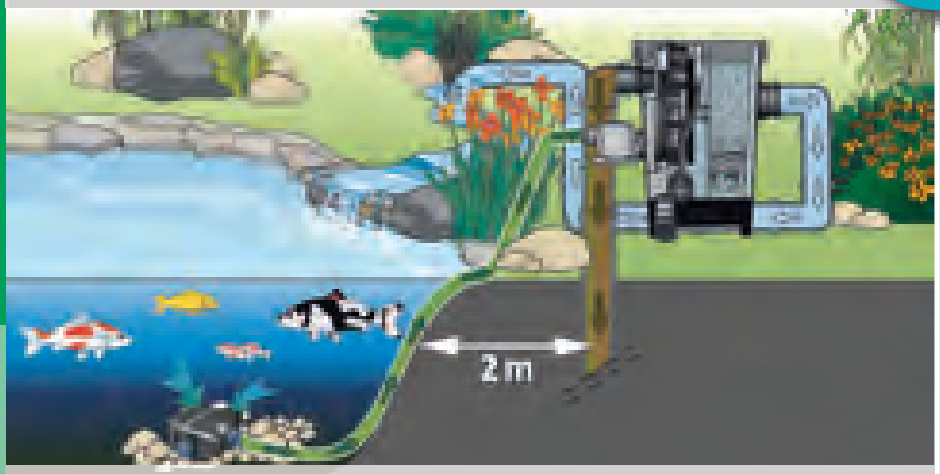


Schematic diagram: ProfiClear Premium Compact gravity-fed

Extras



Schematic diagram: ProfiClear Premium Compact pump-fed

Top product characteristics

- *Professional compact drum filter as inexpensive alternative for smaller ponds, particularly koi ponds*
- *High separation performance in the pump-fed as well as gravity-fed principle*
- *Minimal space requirements and effective integration*

Recommendation
For operation of the moving bed, we recommend the AquaOxy 2000 aerator pump.

ProfiClear Premium Compact

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The compact-powerful alternative for smaller ponds

EASY GARDEN CONTROL

ProfiClear Premium Compact pump-fed system

ProfiClear Premium Compact Gravitation incl. pump chamber

PRO

- Suitable for ponds up to 140 m³
- High separating capacity through deep-bed filtration of up to 80 microns
- Inexpensive alternative for smaller ponds, particularly koi ponds
- With the Moving Bed System for optimal water movement and cleaning of the water
- Hel-X 13 filter medium with significantly enlarged surface area for effective decomposition of nutrients and pollutants
- Lower installation height also enables gravity-fed systems where space is limited
- Available in the pump-fed principle and in the gravity-fed principle
- New pump chamber for combination with Bitron Gravity UVC clarifier. Also compatible with ProfiClear Classic modules
- Conveniently control all settings via app, through connection possibilities on the Easy Garden Control System (EGC), upgrading existing systems is possible with the upgrade kit – available separately

ProfiClear Premium Compact L

- Available from 2nd quarter 2018.

Technical data

		ProfiClear Premium Compact-M pumped EGC	ProfiClear Premium Compact-M gravity EGC	ProfiClear pump chamber Compact/ Classic	ProfiClear Premium Compact-L pumped EGC (NEW)	ProfiClear Premium Compact-L gravity EGC (NEW)	ProfiClear Premium Individual Module
Dimensions (L x W x H)	mm	885 x 685 x 820		830 x 665 x 820	1334 x 891 x 815	1370 x 891 x 815	830 x 600 x 820
Rated voltage		230 V / 50 Hz		-	230 V / 50 Hz		-
Power consumption	W	5		-	5		-
Power consumption cleaning	W	870		-	1050		-
Cable length	m	5.00 + 1.00	5.00 + 5.00	-	5.00 + 1.00	5.00 + 5.00	-
Net weight	kg	80.50	81.00	35.00	106.00	102.00	37.00
Guarantee (+ request guarantee) *P. 314	Years	2 + 1					
Control unit		Microcontroller		-	Microcontroller		-
Temperature display		Digital		-	Digital		-
Coarse debris extraction	µm	80		-	60		-
Number of nozzles / cleaning flow rate		2 x 3.5 l/min		-	4 x 2.5 l/min		-
Scavenging pump		4 bar		-	6 bar		-
Automatic self cleaning		manually, Sensor, Time interval		-	manually, Sensor, Time interval		-
Material		GRP Duroplast/stainless steel					
Biological filter surface	m²	38.2		-	57.3		-
Biological filter surface protected	m²	32.2		-	48.4		-
Number of inlets	EA	2				3	2
Connection inlet	mm	50	-		50	-	180
Connection inlet		1 x 2" + Bitron	DN 110	1 x DN 150 / 2 x DN 110	1 x 2" + Bitron	DN 110	-
Connection to		AquaOxy 2000, Bitron C 72 - 110 W, Bitron Eco 120 - 240 W	AquaOxy 2000, Bitron Gravity, ProfiClear pump chamber Compact	AquaMax Eco Gravity, Bitron Gravity, ProfiClear Classic	AquaOxy 2000, Bitron C 72 - 110 W, Bitron Eco 120 - 240 W	AquaOxy 2000, Bitron Gravity, ProfiClear Individual Module ProfiClear Moving Bed Modul	AquaMax Eco Gravity, Bitron Gravity
Number of outlets	EA	1		3	2		4
Connections, outlet		DN 110		1 x 2" / 2 x DN 110	DN 110	DN 150	2 x 2" / 2 x DN 110
Connections, sludge discharge		DN 75, DN 110		DN 75	DN 75, DN 110		DN 75
Connection mud drain		DN 110		-	DN 110		-
Min. flow rate	l/h	7500		-	10000		
Max. flow rate	l/h	12500	16500	25000	20000	25000	33000
Suitable for ponds up to max.	m³	80.0	88.0	-	120.0	140.0	-
Suitable for ponds with fish stock	m³	40.0	44.0	-	60.0	70.0	-
Suitable for ponds with koi *1	m³	20.0	22.0	-	30.0	35.0	-
Type of use		Pump fed system	Gravity fed system	Gravity fed system, Pump fed system	Pump fed system	Gravity fed system	Gravity fed system, Pump fed system
Installation height above water level	cm	32.0	10.5		37.0	12.5	11.5
Other		• Aeration pre-installed Pollutant discharge incl. slide valve incl. 40l Hel-X 13 Biomedia		• Pollutant discharge incl. slide valve	• Aeration pre-installed incl. 60l Hel-X 13 Biomedia		• Pollutant discharge incl. slide valve
Item no. (GB-Version)				–			
Item no.		47008	47010	42913	49979	49981	50771

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