



Schematic diagram: ProfiClear module filters are outstandingly suited for use on swim ponds

Top 3 product characteristics

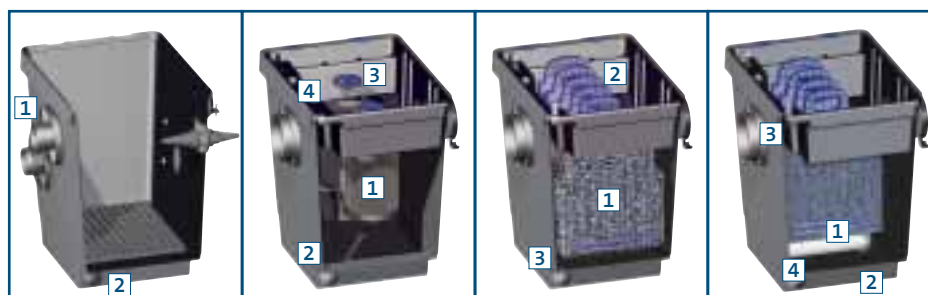
- Can be individually matched to the size and the conditions of the pond
- Can be modularly extended if the pond changes
- Can be used in the energy saving gravity fed system

	Fresh Water	Pool Water	Sea Water
ProfiClear Classic			

PROFICLEAR CLASSIC – RELIABLE MODULAR FILTER SYSTEM FOR LARGE BODIES OF WATER

System advantages at a glance:

- Ideal for large ponds and swim ponds up to 200 m³
- Modularly extensible filter system for individual adaptation to local conditions
- Individual solutions through bringing together of different components
- Can be implemented in any size of pond and under any pond conditions
- Can be used as a pump fed version as well as a particularly energy saving gravity fed filter
- Coarse pollutant extraction with automatic cleaning (optional accessory)
- Easy maintenance cleaning handles and floor drains in each filter chamber
- High quality and impact resistant GRP and perfect workmanship
- Optimally matched to OASE filter pumps
- Protection against disproportionate algae growth when using the phosphate binder module



	<div>A</div> <div>ProfiClear Classic Pump chamber</div>	<div>B</div> <div>ProfiClear Classic Coarse debris extractor</div>	<div>C</div> <div>ProfiClear Classic Filter foam module</div>	<div>D</div> <div>ProfiClear Classic Phosphate binder module</div>
Dimensions (L x W x H)	[mm] 830 x 600 x 820			
Net weight	[kg] 34.40	36.10	40.40	43.35
Coarse debris extraction	[µm] –	800	–	–
Biological filter surface	[m²] –	–	90.0	148.0
Special filter granulate	[kg] –	–	–	4.00
Number of blue filter foams	[EA] –	–	3	–
Number of red filter foams	[EA] –	–	3	–
Number of black filter foams	[EA] –	–	–	6
Temperature display	No			
Inlets ProfiClear Classic	2 x DN 110 / DN 150	1 x DN 110 / DN 150 + 2 x DN 50		
Outlets ProfiClear Classic	25–50 mm (1"–2") + 1 x DN 50	1 x DN 110 / DN 150		
Connections, sludge discharge	DN 75			
Max. flow rate	[l / h] 25000	12500		
Rec. flow rate (pumped)	[l / h] –	8000		
Rec. flow rate (gravitation)	[l / h] –	6000		
Other	Pollutant discharge incl. slide valve			
Description	<p>Whether gravity fed principle or pump fed system – the ProfiClear Classic pump chamber ensures optimal pump position.</p> <ul style="list-style-type: none">• Filters mechanically and biologically• Reduction of pressure losses• Safe and standard conformant set up for swim ponds• Easy maintenance and winter care• Protection against excessive silt• Two inlets 1 incl. regulator for individual adjustment of the inflow• Debris that accumulates in the sediment tank is flushed out via the bottom drain 2	<p>Enables easy mechanical extraction of solids up to 800 µm in size.</p> <ul style="list-style-type: none">• Incoming water is fed via two large-surface extraction sieves 1• Pulling the slide valve 2 flushes out the debris via a DN 75 discharge• Incl. hose coupling for fresh water rinsing• The extraction sieves are quickcleaned by interior and exterior brushes by operating the cleaning handle 3• A pollutant level indicator 4 signals when maintenance is required• Automatic and regular cleaning is possible via the ProfiClear Screendrive (optional accessory)	<p>Reliably removes toxins such as ammonium/ ammonia or nitrite.</p> <ul style="list-style-type: none">• The water to be filtered is channelled through the coarse and fine foams 1 that contain the vital filter biology• The oxygen necessary for the nitrification processes is supplied via connections on the housing• The foams are cleaned by being compressed against the intermediate floors via the cleaning levers 2• Pulling the slide valve 3 flushes the debris out via a DN 75 discharge, which can be supported through rinsing via cleaning nozzles	<p>Converts nitrate into gaseous nitrogen (denitrification) and eliminates phosphates.</p> <ul style="list-style-type: none">• A majority of the water is channelled past the 1 filter foam. This establishes the low oxygen milieu that is so important for the denitrifying bacteria• The lesser portion of the flow volume is channelled through the PhosLess inserts 2 (4 units)• Binders ensure quick and safe phosphate removal• Elimination of these nutrients significantly restricts string algae growth• Virtually maintenance free due to bypass regulation in the foam prevents clogging• A pollutant level indicator 3 signals when maintenance is required• Pollutant discharge 4 incl. slide valve
Order no.	51061	51064	51065	51066