

BIOLOGICAL FILTRATION SYSTEM

The biological filtration system is suitable for koi pond, waterscape pool, aquarium and other places. The installation and operations is very simple and the function is very complete. It is also environmental friendly with good filtration and backwash effect. It changed the traditional sand tank agglomeration problems. It is not only designed with fine and modern appearance but also minimizes the size of the filtration system compare to the traditional one.

About Physical Filtration

When the water passes through the filter tank, large particle will be trapped by the biological filter media. The small particle will also be blocked by the linked biological filter media. After certain period of time, those particles will be accumulated and the pressure inside the tank will increase. To clear the particles and release the tank pressure, a backwash process of the filter is needed.

About Biological Filtration

Biological filtration refers to the breeding of beneficial bacteria inside the biological filtration media in the filter tank. The beneficial bacteria can efficiently convert the ammonia nitrates inside the filter, into less harmful nitrates and then digested.



Technical Information

Code	Pond Volume	Model No	Flow Rate	Biological Media
88015966	30m ³	LF700	230lpm(14 m ³ /h)	30kg
88015967	40m ³	LF800	300lpm(18 m ³ /h)	45kg
88015968	50m ³	LF900	350lpm(21 m ³ /h)	60kg

Product Dimension

Model No	A mm	B mm	C mm	D mm	E
LF700	1126	1030	933	723	2.5inch
LF800	1234	1155	1058	800	2.5inch
LF900	1334	1242	1145	900	2.5inch



Full set system



Backwash discharge sewage



Biological media

Installation Diagram

