

Biosteps Kits:

Magna-Flow Pump - UV-Clarifier - Mechanical / Biological - Waterfall Features
 Step-wise transition from mechanical filtration to high-efficiency bio-filtration:



Item	Model	Biosteps Plus	Biosteps Pro	Biosteps Plus-W	Biosteps Premium
Biosteps 10		○	○	○	○
Magna-Flow Pump (MF-1100EZ)		○	○	○	○
3/4"x25' Kink free tubing (include 2 hose clamps)		○	○	○	○
UVC16W		—	○	—	○
Waterfall		—	—	○	○
Dimensions per box: LxWxH	(in) / (mm)	23.2 x 15.0 x 20.7 590 x 380 x 525	24.4 x 15.8 x 27.6 620 x 400 x 630	23.2 x 15.0 x 20.7 590 x 380 x 525	24.4 x 15.8 x 27.6 620 x 400 x 630
Ship weight	(lbs) / (kg)	26.9 / 12.2	29.1 / 13.2	28.0 / 12.7	32.4 / 14.7

* The above specification are subject to change without prior notice.



Filter sections	Contents	Function
1	Magna-Flow Pump	Water inlet + capture of big particles.
2	Optional: + UVC16W	To prevent blooms of unicellular algae, bacteria, parasites.
3	Medium Density Matala®	Prefiltration: to capture particles for conglomeration, sedimentation. To further digest organic matter by heterotrophic bacteria and plankton.
4	High Density Matala®	Biofiltration: Nitrification / nutrient balancing by plankton.
5	Super High Density Matala®	Biofiltration: Nitrification, Denitrification and nutrient balancing by plankton.
6	Outlet Chamber	Water polishing: sedimentation of bacterial floc. Water outlet.
7	Optional: + 11" waterfall & fitting	Giving the waterfall feature, create turbulence to increase oxygen level.

Minifall 11

A simple step to add a waterfall feature to the pond and create turbulence to increase the oxygen level.

Specification	Model	WF11
Inlet	(in) / (mm)	1-1/2 / 48
Spillway	(in) / (mm)	11 / 279
Flow rate	(GPH) / (LPH)	500-1200 / 1890-4540
Dimensions :LxWxH	(in) / (mm)	13x8x8 / 320x210x210
Ship weight	(lbs) / (kg)	2.3 / 1.0



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