

SuperDrum & SuperDrum Combi Bio: compact and smart

With the SuperDrum & SuperDrum Combi Bio, Air-Aqua delivers a premium total solution for Koi ponds and swimming ponds of up to 400m³.

SuperDrums are drum filters without a biological aspect, and are available in a capacity of up to 200 m³ per hour.

The Combi Bio models are available with a capacity of up to 100m³/hour, including a volume of up to 420 litres for biological filter material.

How it works:

The water flows through the drum sieve which removes any dirt greater than 70 microns (0.07 mm) (with the exception of model XXL; this one has 120 microns). A water level sensor detects whether sufficient water is still flowing through the drum. Should the drum sieve become too clogged, it is automatically rinsed. The trapped dirt is then removed from the sieve fully automatically by the high-pressure pump, and the dirt is transported to the sewers via the nozzles and the drainage channel. On the Combi models, the water then flows through the biological section where an air stone has already been fitted to ensure proper aeration. All in the same compact casing.



SuperDrums have very low energy consumption, small dimensions, high-quality materials and fully automatic operation. They are suitable for a gravity set-up and can also be used easily pump-fed. UV lamps can easily be fitted in the casing.

All SuperDrums are supplied with a cover, rinsing pump and control electronics. With the exception of the SuperDrum M, all models are equipped with a fully integrated and pre-assembled flushing pump.

Specifications

Specifications	SuperDrum				SuperDrum Combi Bio			
	M	L	XL	XXL	S	M	L	XL
Maximum Flow (m ³ /hour)	30	50	100	200	20	30	50	100
Advice Koi Pond (m ³)	50	100	200	400	30	50	100	200
Advice Swimming pond/-pool max. (m ³)	100	150	400	600	60	100	150	400
Dimensions lxbxh (mm)	900x575x515	900x840x780	1310x840x780	1310x1105x925	930x920x765	1850x690x950	1820x840x980	2240x830x980
Capacity Bio chamber (l)	-	-	-	-	110	320	420	420
Mesh size (μ)	70	70	70	120	70	70	70	70
Inlet (mm)	3x 110	4x 110	8x 110	10x 110	3x 110	3x 110	4x 110	8x 110
Outlet (mm)	3x 110	4x 110	4x 110	5x 110	1x 110	2x 110	2x 110	3x 110
Dirt Discharge (mm)	110	110	110	110	110	110	110	110
Material Housing	PP	PP	PP	PP	PP	PP	PP	PP
IP Protection Electronics	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55
IP Protection Motor	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55
Weight (kg)	40	60	95	110	70	100	110	130

