



Schematic diagram: UVC in combination with OASE BioTec ScreenMatic

BIO TEC SCREENMATIC

High-performance filter with automatic coarse-debris extraction



- Suitable for ponds up to 140 m³
- Highly-effective flow-through filter also for medium-size koi ponds
- Incl. OASE Clear Water Guarantee*^C
- Significantly less filter maintenance is required thanks to coarse debris extraction at the top of the filter
- Automatically driven 30 minute interval cleaning of the ScreenMatic sieve
- Collection tank for removal of extracted coarse pollutants
- Different filter media and large settlement surface for optimal development of filter bacteria
- Flow speed of the incoming water can be adjusted individually
- Sludge drain with slide valve for removing debris from the filter system
- Convenient cleaning of filter foams directly in the filter, without removal
- Individual chamber filled with effective ammonia removing media
- Use of the PhosLess filter media tubes as needed for string algae reduction (optional accessory)
- Optimally matched to OASE AquaMax filter pumps
- Direct connection possibility for Bitron C UVC clarifiers
- New: BioTec ScreenMatic 36 now with high quality DN 110 outlet

PRODUCT DETAILS



Setup possibility

Free access to the foams through 90° setup possibility for easy and fast maintenance.



Water distributor with flow regulator

Adaptation of the ScreenMatic sieve to different pump capacities for optimal function.



Electric motor

For the electric drive of the ScreenMatic preliminary filter in 30 minute intervals.



Triple separator

Frees the ScreenMatic from accumulated debris in three stages.

TECHNICAL DATA

		BioTec ScreenMatic 12	BioTec ScreenMatic 18	BioTec ScreenMatic 36
Dimensions (L x W x H)	mm	788 x 590 x 445	788 x 590 x 545	1200 x 800 x 760
Rated voltage (primary, secondary)		230 V / 50 Hz, 12 V		
Power consumption	W	5		
Cable length 12 V device	m	2.10 (power unit) + 5.00		
Net weight	kg	19.88	23.24	88.80
Guarantee* ^G	Years	3		
Quantity filter foams total	Unit	16		36
Quantity filter foams blue	Unit	8		18
Quantity filter foams red	Unit	8		18
Pump capacity min.	l/h	6000		
Pump capacity max.	l/h	12000	16000	27000
Special filter granulate	kg	3.00	6.00	18.00
Coarse debris extraction	µm	300		
Connections, inlet		1", 1¼", 1½"		1", 1¼", 1½", 2"
Connections, outlet		DN 75		DN 110
Connections, pollutant discharge		DN 50		DN 75
Suitable for ponds up to max.	m²	40.0	54.0	140.0
Suitable for ponds with fish stock	m²	20.0	27.0	70.0
Suitable for ponds with koi*	m²	10.0	13.5	35.0
Connection to		Bitron C 36–110 W		
Stockist PU	Unit	2		
Item no. (GB-Version)		57213	57214	51264
Item no.		57127	57128	51259



* Note: When planning a new pond with koi stock, please ensure a minimum pond size of 5 m³!

Extras

Top 3 product characteristics

- Clear and healthy pond water with minimum maintenance requirements
- Long service life thanks to automatic coarse debris extraction
- Ideal settlement surface for micro-organisms for decomposition of pollutants and nutrients

Recommendation

The BioTec ScreenMatic flow-through filter is an important component of the BioSys filter systems, see selection table (page 115).

Matching filter and watercourse pumps:
AquaMax Eco Premium 6000 / 8000 / 10000 / 12000 / 16000 (S. 68),
AquaMax Eco Twin 20000 / 30000 (page 74)

Matching UVC clarifiers:
Bitron C 36 W – 110 W (S. 134)

Accessories

Replacement foam

Blue BioTec 12	Item no. 56738	(Page 213)
Red BioTec 12	Item no. 56739	(Page 213)
Blue BioTec 18/36	Item no. 56737	(Page 213)
Red BioTec 18/36	Item no. 56736	(Page 213)

Discharge pipe

Black DN 75 / 480 mm	Item no. 55043	(Page 215)
Black DN 110 / 480 mm	Item no. 50427	(Page 215)

Connection elbow

Black DN 75 / 45°	Item no. 55044	(Page 215)
Black DN 75 / 87°	Item no. 55045	(Page 215)
Black DN 110 / 45°	Item no. 50430	(Page 215)

AquaActiv PhosLess

Algae protection
Binds excess phosphates, as well as heavy metals, such as lead and copper.

Item no. 36981 (Page 171)

AquaActiv PhosLess

Refill pack
Item no. 57477 (Page 171)



AquaActiv BioKick Premium

BioKick Premium, the filter starter for pros with more than 50 billion microorganisms/ml. Quickly provides adequate biology in the filter, whether at restart or after cleaning.

Item no. 51280

