



Schematic diagram: BioSmart UVC 16000 in combination with filter and watercourse pump AquaMax Eco Classic



Schematic diagram: BioSmart 36000 in combination with filter and watercourse pump AquaMax Eco Classic



BIOSMART



*P. 240

Solid flow through filters for garden ponds

BioSmart UVC 16000



BioSmart 18000 / 36000



START

- Suitable for ponds up to 36 m³
- Additional oxygen enrichment through special water channelling
- Cleaning handles for convenient maintenance
- Including displays for pollutant level and water temperature
- Sludge drain for easy removal of coarse debris
- Easy to conceal; the filter can be recessed into the ground to 1/3 of its height
- Optimally matched to the OASE AquaMax filter and watercourse pumps (from page 62)

BioSmart UVC 16000

- Guaranteed clear water*^{P.240} through the combination of mechanical/biological cleaning with effective UVC technology

BioSmart 18000 / 36000

- Can be optimally combined with the Bitron C 24–36 W, and the Vitronic 18–36 W UVC clarifiers

PRODUCT DETAILS



Nitrification and denitrification zones

Toxic ammonia, nitrite and nitrate are transformed into harmless end products in the different sponges.



Temperature display

The thermometer indicates the current water temperature at all times.



UVC unit*

The integrated UVC unit ensures fast elimination of suspended algae and reduction of pathogens.



Easy maintenance

After activating the cleaning lever, the bottom drain can be opened and coarse debris can be disposed of**

TECHNICAL DATA

Matching filters and filter systems starting on page 68

| | | NEW | NEW |
|------------------------------------|----------------------|-----------------|-----------------|
| | BioSmart UVC | BioSmart | BioSmart |
| | 16000 | 18000 | 36000 |
| Dimensions (L x W x H) | mm 380 x 560 x 410 | 382 x 555 x 408 | 767 x 555 x 408 |
| Rated voltage | 230 V / 50 Hz | – | – |
| Power consumption | W 14 | – | – |
| Power cable length | m 3.00 | – | – |
| Net weight | kg 5.40 | 5.80 | 10.70 |
| Guarantee**P.241 | Years 2 | 3 | |
| UVC power | W 11 | – | – |
| Number of filter foams, total | EA 6 | 4 | 9 |
| Number of blue filter foams | EA 3 | 2 | 4 |
| Number of red filter foams | EA 3 | 1 | 4 |
| Number of green filter foams | EA – | 1 | |
| Temperature display | | Yes | |
| Connections, inlet | mm 19 / 25 / 32 / 38 | 25 / 32 / 38 | |
| Connections, inlet | ¾", 1", 1¼", 1½" | 1", 1¼", 1½" | |
| Connections, outlet | | DN 75 | |
| Connections, sludge discharge | mm 38 | – | |
| Connections, sludge discharge | 1½" | DN 50 | |
| Max. flow rate | l/h 5500 | | 8000 |
| Suitable for ponds up to max. | m³ 16.0 | 18.0 | 36.0 |
| Suitable for ponds with fish stock | m³ 8.0 | 9.0 | 18.0 |
| Suitable for ponds with koi*1 | m³ 4.0 | 4.5 | 9.0 |
| Item no. | 57377 | 56776 | 56641 |

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



*1 BioSmart UVC 16000 *2 BioSmart 18000/36000

Extras

Top 3 product characteristics

- Reliable entry level flow-through filter for ponds up to 36 m³
- Easy maintenance thanks to cleaning handles and bottom drain
- Pollutant level indicator and temperature indicator for convenient filter monitoring

Recommendation

The perfect supplement for the Flow through filter: Thanks to the clever new design, now the UVC clarifiers, Vitronic 18W–36W can easily be connected to the BioSmart 18000 and 36000.

Accessories

Replacement bulb UVC 11 W for BioSmart UVC 16000
Item no. 56112 (Page 222)



Replacement foam BioSmart UVC 16000
red Item no. 35791 (Page 221)
blue Item no. 35792 (Page 221)

Replacement foam BioSmart 18000/36000
red Item no. 56677 (Page 221)
blue Item no. 56678 (Page 221)
green Item no. 56679 (Page 221)

Discharge pipe
black DN 75 / 480 mm Item no. 55043 (Page 221)

T-piece
black DN 75 Item no. 55046 (Page 221)

Connection elbow
black DN 75 / 45° Item no. 55044 (Page 221)
black DN 75 / 87° Item no. 55045 (Page 221)

AquaActiv BioKick 200 ml
To achieve the optimal filter effect »treatment« with OASE BioKick filter starter is recommended. This should be added each time the filter is placed in service (e.g. spring).
Item no. 50295 (Page 175)

