

# BioTec Premium

Compact high-performance filter with drum filter technology



**+ NO MORE DIRT**

Thanks to the drum filter technology, the fully automatic coarse dirt separation system simply flushes the dirt out of the filter

**+ SMART**

By connecting to the OASE Control system, you can control all settings conveniently via app; it is possible to upgrade existing systems using a separately available upgrade kit

**+ CLEVER**

Intelligent filter system for natural ponds up to 80 m<sup>3</sup> and for fish ponds up to 40 m<sup>3</sup>

**+ PSSST!**

Particularly quiet operation thanks to extensive noise insulation

**+ GUARANTEED**

Includes OASE clear water guarantee

**+ NO TOOLS**

Easy access to the inside of the drum through individually removable sieve elements and freewheel function

**+ REDUCED**

Less thread algae due to constant phosphate and nutrient discharge

**+ PRE-CLEANED**

Dirt rakes on the sieves reliably remove thread algae and larger particles from the drum

**+ THOROUGH CLEAN**

A high-performance, high-quality pressure pump is integrated to rinse the drum

**+ GOODBYE DIRT!**

Dirt drain including gate valve

**+ PERFORMANCE**

A long service life and high-quality filter sponges create optimal living conditions for the filter bacteria – ensuring full performance

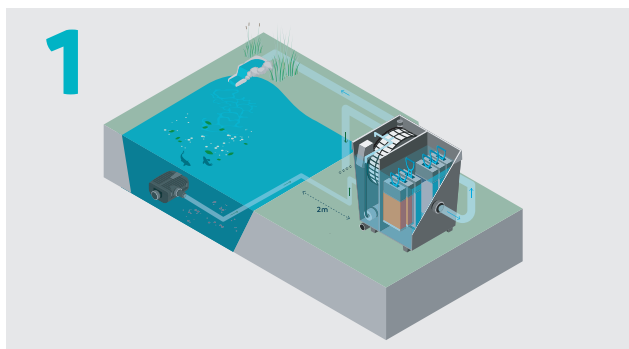
**+ WATER-SAVING**

The rinsing of the filter is carried out exclusively with purified pond water – a fresh water connection is not required



## ACCESSORIES

| Product                                  |            | Item no. | Item no. (GB-Version) |
|--|------------|----------|-----------------------|
| Filtercartridge set BioTec Premium 80000 | > Page 176 | 40456    | -                     |
| ProfiCl.Compact/BioTec Prem.sieve set60µ | > Page 174 | 43600    | -                     |
| Discharge pipe black DN75/480 mm         | > Page 50  | 55043    | -                     |
| Discharge pipe black DN110/480 mm        | > Page 50  | 50427    | -                     |
| Connection elbow black DN75/45°          | > Page 50  | 55044    | -                     |
| Connection elbow black DN110/45°         | > Page 50  | 50430    | -                     |
| InScenio FM-Master Home                  | > Page 288 | 70785    | 70786                 |
| InScenio FM-Master Cloud                 | > Page 288 | 70788    | 70789                 |
| Garden Controller Home                   | > Page 286 | 55316    | -                     |
| Garden Controller Cloud                  | > Page 286 | 55317    | -                     |



**1. Schematic diagram**

UVC clarifier in combination with OASE BioTec Premium flow-through filter

**2. Intelligent switch centre**

A watertight microcontroller system monitors and controls the main functions, operation is easy (Plug 'n' Play).

**3. Clever drum filter technology**

The innovative and self-cleaning pre-separator reliably separates water and

solid particles up to 125 µm. And does so without any additional cleaning effort.

**4. Hard-working filter biology**

In the integrated filter foams, micro-organisms can do their work perfectly and decompose harmful nutrients. The long service intervals due to the preliminary separation function are optimal for this purpose. Including convenient cleaning - you do not have to get your hands dirty.

**TECHNICAL DATA**

|  |                                  |   |
|--|----------------------------------|---|
| <b>Product</b>                           | BioTec Premium 80000 pump-fed OC |   |
| Dimensions (L x W x H)                   | mm                               | 830 x 675 x 820   |
| Rated voltage                            |                                  | 230 V / 50 Hz   |
| Power consumption                        | W                                | 5   |
| Power consumption, cleaning              | W                                | 670   |
| Cable length                             | m                                | 5.00 + 1.00   |
| Net weight                               | kg                               | 71.50   |
| Guarantee (+ request guarantee) *        | Years                            | 2 + 1   |
| Control unit                             |                                  | Microcontroller   |
| Temperature display                      |                                  | Digital   |
| Coarse debris extraction                 | µm                               | 125   |
| Number of nozzles/rinse quantity         |                                  | 1 x 4.0 l/min   |
| Scavenging pump                          |                                  | 4 bar   |
| Automatic rinsing system                 |                                  | manually, Sensor, Time interval                                 |
| Material                                 |                                  | GRP Duroplast/stainless steel                                   |
| Number of blue filter foams              | Units                            | 2   |
| Number of red filter foams               | Units                            |   |
| Number of purple filter foams            | Units                            |   |
| Number of inlets                         | Units                            | 1   |
| Inlet connections                        |                                  | 1 x 2" + Bitron   |
| OASE Control connection                  |                                  | Yes   |
| Connection to                            |                                  | Bitron C 36 - 110 W, Bitron Eco 120 - 240 W, ProfiClear Classic |
| Number of outlets                        | Units                            | 1   |
| Outlet connections                       |                                  | DN 110  |
| Sludge discharge connections             |                                  | DN 75   |
| Flush trough connection                  |                                  | DN 110  |
| Min. flow rate                           | l/h                              | 7500  |
| Max. flow rate                           | l/h                              | 12500   |
| Suitable for ponds up to max.            | m <sup>3</sup>                   | 80.0  |
| Suitable for ponds with fish stock       | m <sup>3</sup>                   | 40.0  |
| Suitable for ponds with koi <sup>1</sup> | m <sup>3</sup>                   | 20.0  |
| Installation height above water level    | cm                               | 51.0  |
| Item no. (GB-Version)                    |                                  | 54854   |
| <b>Item no.</b>                          |                                  | <b>54850</b>  |

\*Guarantee valid under the guarantee conditions from OASE. Can be viewed at [www.oase.com/guarantee](http://www.oase.com/guarantee)

<sup>1</sup> Note: When planning a new pond with koi stock, please ensure a minimum pond size of 5 m<sup>3</sup>!

