



# PHOSPAT<sup>®</sup>

## TECHNICAL DATA SHEET



### Dimension & weight

|                   |                    |
|-------------------|--------------------|
| Dimension (Ø x l) | 140 x 540 mm       |
| Weight            | 8.2 kg             |
| Packaging size    | 630 x 245 x 250 mm |

### PHOSPAT<sup>®</sup> 3 | 2.0

#### Filter cartridge to remove phosphate

- Reduces phosphate in water, prevent the algae proliferation and supports the biofilter
- Suitable for ponds, natural pools, fountain and circulation wells
- Adsorption capacity up to approximately 270'000 mg PO<sub>4</sub><sup>3-</sup> per unit
- Flow rate up to 2'500 l/h, backwashable
- Defined particle size of the individual layers
- Suitable for up to 150 m<sup>3</sup> of water volume and can be
- combined for larger volumes of water
- Pressure resistance up to max. 4 bar, pressure drop about 0.3 bar
- Two 2-inches-connections / PVC-connections

#### Filter construction:

The granules used has been specially designed to bind phosphate. It is introduced into the so-called 3-layer bed. The two outer layers protect and fix the Phoslamin layer. At the same time they provide a uniform flow trough the cartridge. Due to its unique composition, the phosphate is bound in tightly within a short time, so that short contact times are possible.

#### How to install:

Connect one of the two connections with a pump which has a delivery rate of approx. 2'500 l/h and connect the second connection to a pipe which circulates the water in the pond.

#### General information:

PHOSPAT<sup>®</sup> 3 should always be used with pre-filtered water as large contaminants such as suspended load, can clog the PHOSPAT<sup>®</sup> 3 and the effectiveness is highly constricted. Protect the PHOSPAT<sup>®</sup> 3 against frost.