



# PHOSPAT®

## TECHNICAL DATA SHEET

### PHOSPAT® 15

#### Filter unit to remove phosphate



- Reduces phosphate in water, prevent the algae proliferation and supports the biofilter
- Suitable for bigger ponds, natural pools, fountain and circulation wells
- Adsorption capacity up to approximately 1'350'000 mg  $\text{PO}_4^{3-}$  per unit
- Flow rate up to 12'500 l/h, backwashable
- Defined particle size of the individual layers
- Suitable for up to 750 m<sup>3</sup> of water volume and can be
- combined for larger volumes of water
- Robust chrome steel filter housing with preassembled cartridges
- Simple and time-saving replacement of the cartridge
- Pressure resistance up to max. 4 bar, pressure drop about 0.1 bar
- Two 2-inch-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.

#### General information:

PHOSPAT® 15 should always be used with pre-filtered water as large contaminants such as suspended load, can clog the PHOSPAT® 15 and the effectiveness is highly constricted. A corresponding pump presses the water through the PHOSPAT® 15. Protect the PHOSPAT® 15 against frost.

#### Dimension & weight

	Casing	Cartridge
Dimension (Ø x l)	250 x 847 mm	230 x 500 mm
Weight	11 kg	16 kg
Packaging size	920 x 380 x 380 mm	630 x 245 x 250 mm

Designed and produced by:



**hydrotec**  
handels gmbh