



# PHOSPAT<sup>®</sup>

## TECHNICAL DATA SHEET

### PHOSPAT<sup>®</sup> NPF 2

Removes phosphate without pre-filter



- Reduces phosphate from water and support the bio-filter
- Suitable for ponds, natural pools, fountain and circulation wells
- Adsorption capacity up to 180'000 mg PO<sub>4</sub><sup>3-</sup> per unit
- Replacement cassette
- Recommended flow rate of approx. 1'670 l/h, backwashable
- Pressure drop < 0.05 bar
- Suitable for a water volume up to 100 m<sup>3</sup> and can be combined for larger volumes
- A strainer protects the PHOSPAT<sup>®</sup> NPF 2 from impurities

#### Filter structure:

The granules used has been specially designed to bind phosphate. They are introduced into the PHOSPAT<sup>®</sup> NPF 2 so-called 3-layer bed. The two outer layers protect and fix the phoslamin layer. At the same time, they provide a uniform flow through 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 the connection to a pump which has a delivery rate of approx. 1'670 l/h. The PHOSPAT<sup>®</sup> NPF 2 needs to be installed 7 -15 cm below the water surface. While the case remains in the water, the used cassette can easily be replaced by a new one. For the reprocessing return the cassette to the supplier.

#### General information:

PHOSPAT<sup>®</sup> NPF 2 can be basically used with or without pre-filtered water, as the protective strainer is preventing large impurities as i.e. particulate from clogging the suction pump. Protect the PHOSPAT<sup>®</sup> NPF 2 against frost.

Dimension & weight		
	Casing	Cassette
Dimension incl. connection (Ø x height)	340 x 270 mm	280 x 130 mm
Connection size	50 mm	-
Weight	4.7 kg	9.7 kg
Packaging size	360 x 360 x 300 mm	290 x 290 x 280 mm
Total weight	14.4 kg	

Designed and produced by:



hydrotec  
handels gmbh