



PHOSPAT®

TECHNICAL DATA SHEET

PHOSPAT® NPF 1

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 90'000 mg PO₄³⁻ per unit
- Replacement cassette
- Recommended flow rate of approx. 835 l/h, backwashable
- Pressure drop < 0.05 bar
- Suitable for a water volume up to 50 m³ and can be combined for larger volumes

Filter structure:

The granules used has been specially designed to bind phosphate. They are introduced into the PHOSPAT® NPF 1 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. 835 l/h. The PHOSPAT® NPF 1 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.

General information:

PHOSPAT® NPF 1 can be basically used with or without pre-filtered water. Protect the PHOSPAT® NPF 1 against frost.

Dimension & weight

	Casing	Cassette
Dimension incl. connection (Ø x height)	280 x 170 mm	165 x 100 mm
Connection size	25 mm	-
Weight	0.9 kg	4.1 kg
Packaging size	250 x 250 x 190 mm	190 x 190 x 105 mm
Total weight	5 kg	

Designed and produced by:



hydrotec
handels gmbh