



PHOSPAT®

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® 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 PO₄³⁻ per unit
- Flow rate up to 2'500 l/h, backwashable
- Defined particle size of the individual layers
- Suitable for up to 150 m³ 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® 3 should always be used with pre-filtered water as large contaminants such as suspended load, can clog the PHOSPAT® 3 and the effectiveness is highly constricted. Protect the PHOSPAT® 3 against frost.

Designed and produced by:



NIEDERER
SCHNEIDER AG
SEIT 1903

hydrotec
handels gmbh