

PhosTec-Upstream

The PhosTec Upstream phosphate filter binds the phosphorus dissolved in the water — the main promoter of algae growth — efficiently and without the need for chemicals. This causes the algae in the water to “starve”. The water flows through the filter from top to bottom, thereby minimising the risk of the filter becoming clogged. The nutrient-poor water is then pumped back into the pool by a small pump. Due to the low filtering speed, a continually running low-power pump is sufficient for filtering and treating the entire water volume in this circuit.

The PhosTec Upstream is an open filter chamber that uses the principle of gravity; the pool water flows through it continuously.

The chamber is filled with a highly performant filter material whose large surface binds the phosphorus physically, thereby removing it from the water.

Ideally, the PhosTec Upstream forms a separate water circuit together with a biological filter (e.g. BIOTOP plant filter) and a pump. BIOTOP has been granted a European patent for the combination of bio-filter and PhosTec Upstream filter.

The filter material of the PhosTec Upstream normally requires replacement only after several years of use. This exchange of the filter material can be easily performed by the pool user.

Advantages at a glance:

- Phosphorus is reliably removed from the water
- Compact size
- Easy handling
- Simple exchange of filter material
- Long lifetime

