

Our Experience – Your Advantage

Technical Specification

Dimensions

measure: 3,20m x 1,40m x 1,60m
weight: 450kg

Pump

capacity: 12m³/h at 6m delivery height
power requirement: 0,7kW 400V-50Hz
(220/230V-50Hz on request)

Biofilter

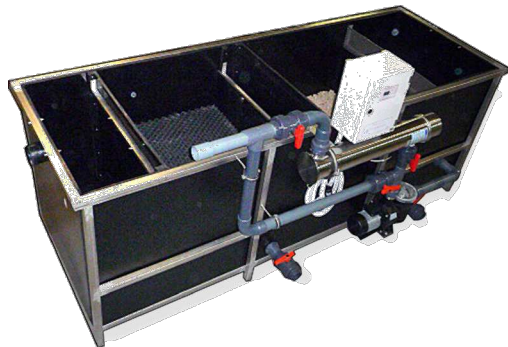
biological active surface: 600 to 850m²/m³

UV-Unit

UV-dose: >400J/m²
power requirement: 160W at 220/230V
flow rate: 233 ltr/min

Membrane pump

power requirement: 71W at 220/230V
capacity (at 1,30m): 80 ltr/min



Overview PSN30

- Ideal for parent and ornamental fish breeding
- Wastewater treatment in three steps
- Easy to clean
- Recommended flow capacity 2-4ltr/s
- Optional tempering of the water is possible



Fischtechnik International Engineering GmbH

Auf der Platte 1
37186 Moringen Germany
Telefon: +49 (0) 5555-99 545 0
Fax: +49 (0) 5555-99 545-30
Web: www.ftie.de
Email: info@ftie.de



Purification Unit
PSN30

We pamper your Fish



Purification Unit PSN30

With the PSN30 the purification of wastewater is possible within a single and compact unit. Especially designed for the breeding of parent and ornamental fish, the PSN30 provides a three step cleaning system which requires just a minimum of space.

- Easy to install and operate
- Bevelled filter for straining suspended solids
- Biofilter nitrifies the water and degasses dissolved carbon dioxide
- Biological active surface: 600 up to 850 m²/m³
- Powerful UV-unit for disinfection
- Optional tempering of the water is possible

How the PSN30 works,

- ① The water enters the first chamber through the intake and passes upwards through the bevelled filter.
- ② The bevelled filter strains suspended solids and particles.
- ③ The biological filter nitrifies the water and degasses the dissolved carbon dioxide.
- ④ The UV-unit disinfects the water.
- ⑤ The cleaned and disinfected water can be recirculated into the fish farm.

