



NFS - Channel Filters - Aquarake



Applications

Nijhuis Water Technology has designed a channel filter, type Aquarake (NPS) which can be used in the following applications:

- Filter system for industrial effluents
- Coarse filter system installed before fine filter
- Primary screening for sewage treatment
- Intake filter for potable water

The Aquarake (NPS) can either be integrated in a total solution or offered as a single product for your waste water.

Advantages & Characteristics

- Fully self-cleaning
- Completely pre-assembled
- Corrosion resistant materials or durable coated steel
- No electrical / motor parts below water level
- Wide selection of sizes available
- Standard range or tailor made
- Low power and utility requirements
- Easy to maintain
- Easy replacement of filter elements

Technical description

Nijhuis Water Technology's range of Aquarake's are designed to remove solids from the waste water. The solids are transported and discharged by an endless belt of filter elements.

Depending on your type of waste water and the application the slot width of the elements can be selected from 1 mm, 3 mm, 6 mm, 10 mm and 15 mm.

The Aquarake (NPS) filter can be installed either in channels and gutters or in special built pump pits. Based on the location and positioning of the filter (depth, width and discharge height) the length of the Aquarake will be determined.

The Aquarake filter is cleaned by the special rotation of the endless belt of filter elements. If the waste water contains grease and sticky materials additional cleaning with a brush or hot water can be included in the design.



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Series

NPS dimensions	Slotwidth = 1, 3, 6, 10 or 15 mm				
	Channel width = 400, 500, 600, 700, 800, 900, 1000, 1200 mm				
Channel depth mm	1000	1500	2000	2500	3000
Discharge height mm	700, 1000, 1500	700, 1000, 1500	700, 1000, 1500	700, 1000, 1500	700, 1000, 1500

