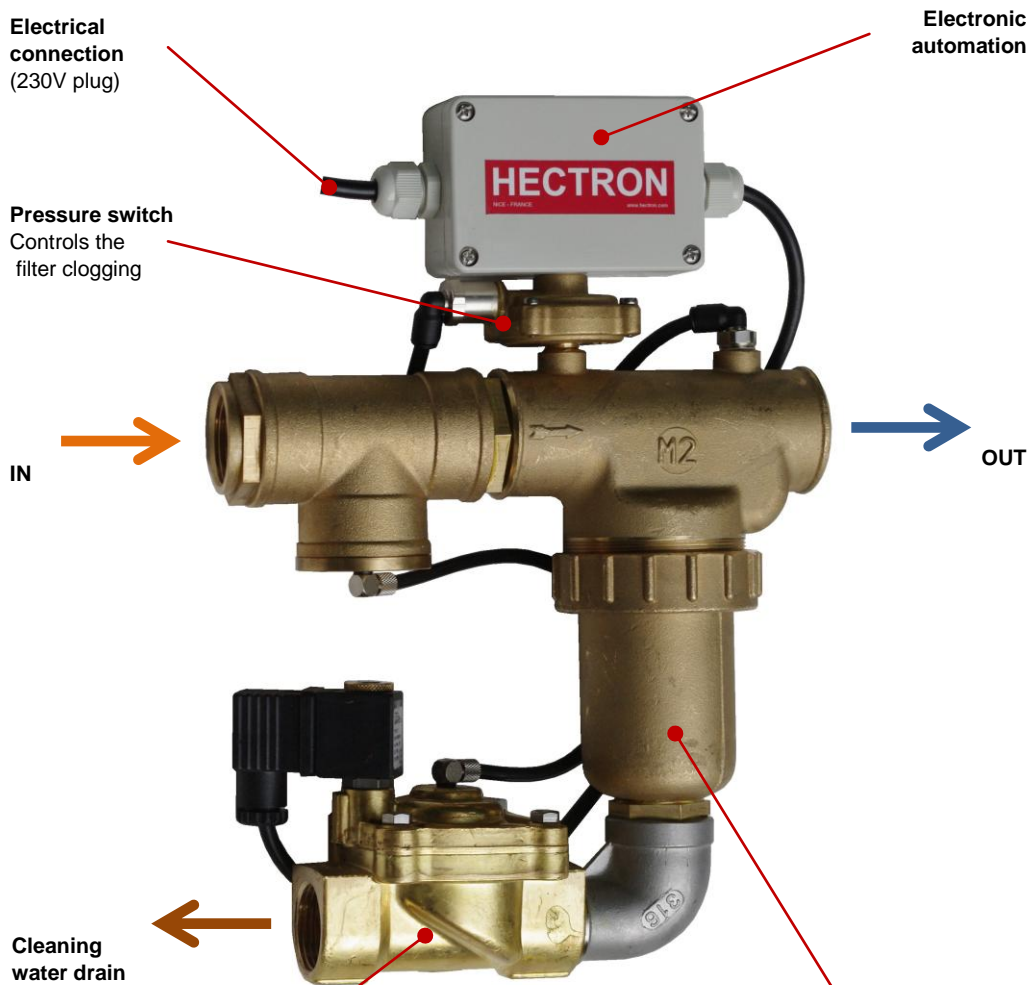


HECTRON

Neptune Plus

Self-cleaning filter for well water

- ✓ Especially designed for **sandful well water** filtration.
- ✓ **100% automatic**, these filters are working without any maintenance.
- ✓ applications: filtration for a geothermal heating, irrigation.



Filtering screen

Filter screen in welded stainless steel wedge wire

Filtration from inside to outside

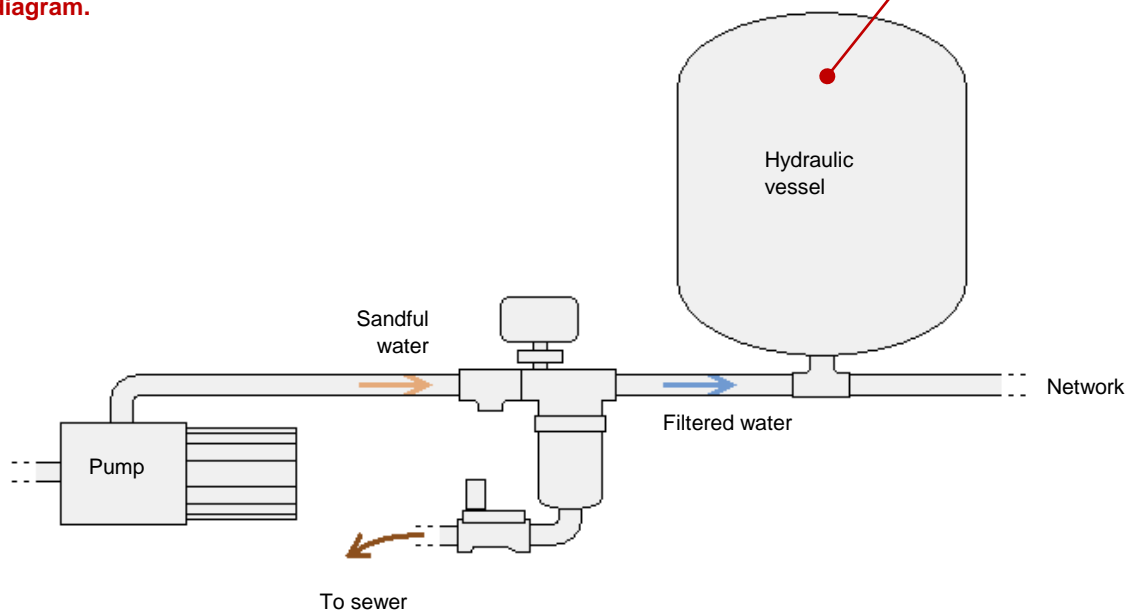
Filtration degree: 150 microns



How it works. Filtration is done through the filtering screen. When the filter is clogged, the pressure difference between inlet and outlet increases. The pressure switch installed on the filter detects this pressure increase and starts the backwash: the solenoid valve located at the filter's bottom opens, and the debris are drained out of the filter.

Installation. These filters need to be installed after the pump and before an hydraulic vessel. Installation is easy to realize.

Linking diagram.



The hydraulic vessel :

A hydraulic vessel of 50L minimum is recommended.

The hydraulic vessel has two uses during the cleaning cycle:

- It regulates the outlet flow rate
- One part of the hydraulic vessel water comes back to wash the filtering screen

Technical specifications:

Max working pressure: **7 Bar**
 Housing in **brass**
 Filter screen in **stainless steel**
 Filtration degree: **150 µm**

Measurement (mm):

Neptune Plus 1"
 / Neptune Plus 1" ½

Available filters:

Type	Max flow rate (m ³ /h)	In / out
		BSP
Neptune Plus 1"	8	1" thread
Neptune Plus 1" ½	12	1" ½ thread

