

Manual

Plastic Cyclone Filters



General instructions:

This filter is designed and manufactured to meet the highest standards of quality and workmanship. This filter separates sand and similar solids from the water, at a small loss of pressure and an efficiency exceeding 95%.

Installation:

These filters must be installed in a vertical position. Use Teflon tape on threaded connections. The water inlet and outlet are clearly indicated by arrows. The flush valve must be located on the underside of the filter. A pressure relief valve must be installed upstream of the filter if the pressure is not sufficiently under control. The filter is designed to withstand a maximum pressure of 10 bar.

Operation:

Normal operating conditions are achieved when the capacity lies within the indicated values. The general rule is that the efficiency increases as the water velocity, and thus the capacity, increases. The accumulated sand/dirt must be drained off regularly by opening the drain tap. The frequency depends on the amount of sand/dirt being filtered from the water. In the case of high concentrations of dirt, an electric valve and timer can be used for the draining process.

Do not open the filter when it is under pressure.

Periodic cleaning:

Check the work pressure and the pressure difference over the filter. Complete a drain cycle and see that the accumulated sand was removed and that the stop valve functions well. Open the flush valve to release pressure and drain water. Open the filter and check the inside of the cyclone. If necessary, clean the inside of the filter cover. Place the filter cover back onto the filter body and check the proper placement of the cover rubber. Fasten the cover using the cover clamp.

Acid injection:

The filter is suited for water with an acidity of pH4 t/m pH11. For acid injection into the system it is possible to use a hydrocyclone for a perfect mixture.

Notes:

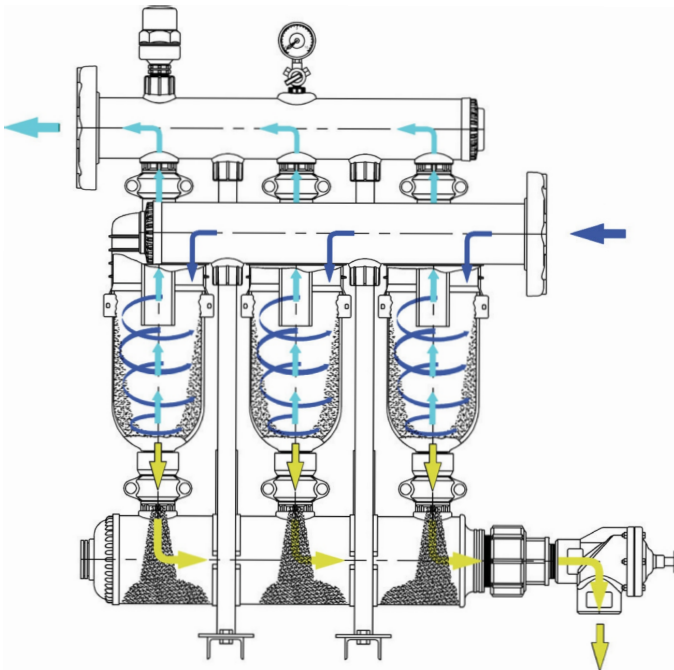
Each filter comes with this manual which includes the installation, operating, and maintenance instructions.

In view of on-going improvements, we reserve the right to change specifications at any time without prior notice.



Subject to modifications
No liability accepted for errors or misprints

Operational principle hydrocyclones:



Pressure losses plastic cyclone filter:

