

General instructions:

This filter is designed and manufactured to meet the highest standards of quality and workmanship. This filter is often used as a safety feature of an installation, as well as a control filter, pre-filter, and post-filter. The compressed plastic discs combine the advantages of screen filtration and deep filtration.

Installation:

The filters can be installed horizontally as well as vertically. Only use the spanner supplied to loosen the cover (3"). The water inlet and outlet are clearly indicated by arrows. Allow sufficient room to remove the filter cover and the filter element. When installing more than one filter, allow enough room between the units for easy maintenance. A pressure relief valve must be installed upstream of the filtering installation if the pressure is not sufficiently under control.

Operation:

Normal operating conditions are achieved when the differential pressure across the clean filter element is less than 0.4 bar. When the differential pressure exceeds 0.4 bar, either the filter is partially soiled or it has to process too large a water flow. The maximum pressure is up to 10 bar. Check the differential pressure across the filter during operation.

Do not open the filter when it is under pressure. Do not tighten the nut when the filter is under pressure.

Maintenance:

Regularly check the pressure loss across the filter. Every year, apply a layer of non-corrosive grease on the rubber parts.

Periodic cleaning:

It is recommended to clean and inspect the filter element every 2 weeks or when the differential pressure reaches 1 bar or more.

Stop the flow to the filter.

Open a flush valve to release pressure and drain water.

Carefully remove the filter element and open the disc pack.

Open the disc pack by loosening the clamp nut holding the pack tightly together.

Thoroughly clean the filter element by holding it under running water. In order to rinse away the dirt between the discs, they should be loose. If calcium has scaled on the discs, dip them into an acid solution. Wait a few minutes for the solution to have its effect, and then thoroughly clean the discs.

Make sure no dirty water enters the system.

Assembly:

Make sure the filter element is intact, clean, and undamaged. Place the filter element and close the disc pack. Place the filter cover and tighten it snugly (3" filter), or with the clamp's (4" and 6" filters).

Gradually open the valve before the filter and check for leaks.

Replacing the discs:

The filter discs are fitted onto a holder. During filtration, these discs are compressed by clamp nut. Even when they are in the opened state, the discs cannot be removed from the holder. However, they can be easily cleaned under running water. In case of defective or worn discs, they must be replaced. Remove the cap screw from the holder in order to remove the discs. Place a new set of discs onto the holder, ensuring the number of discs or the pack length is correct, and fit the cap screw. Install the filter pack as described for the assembly.

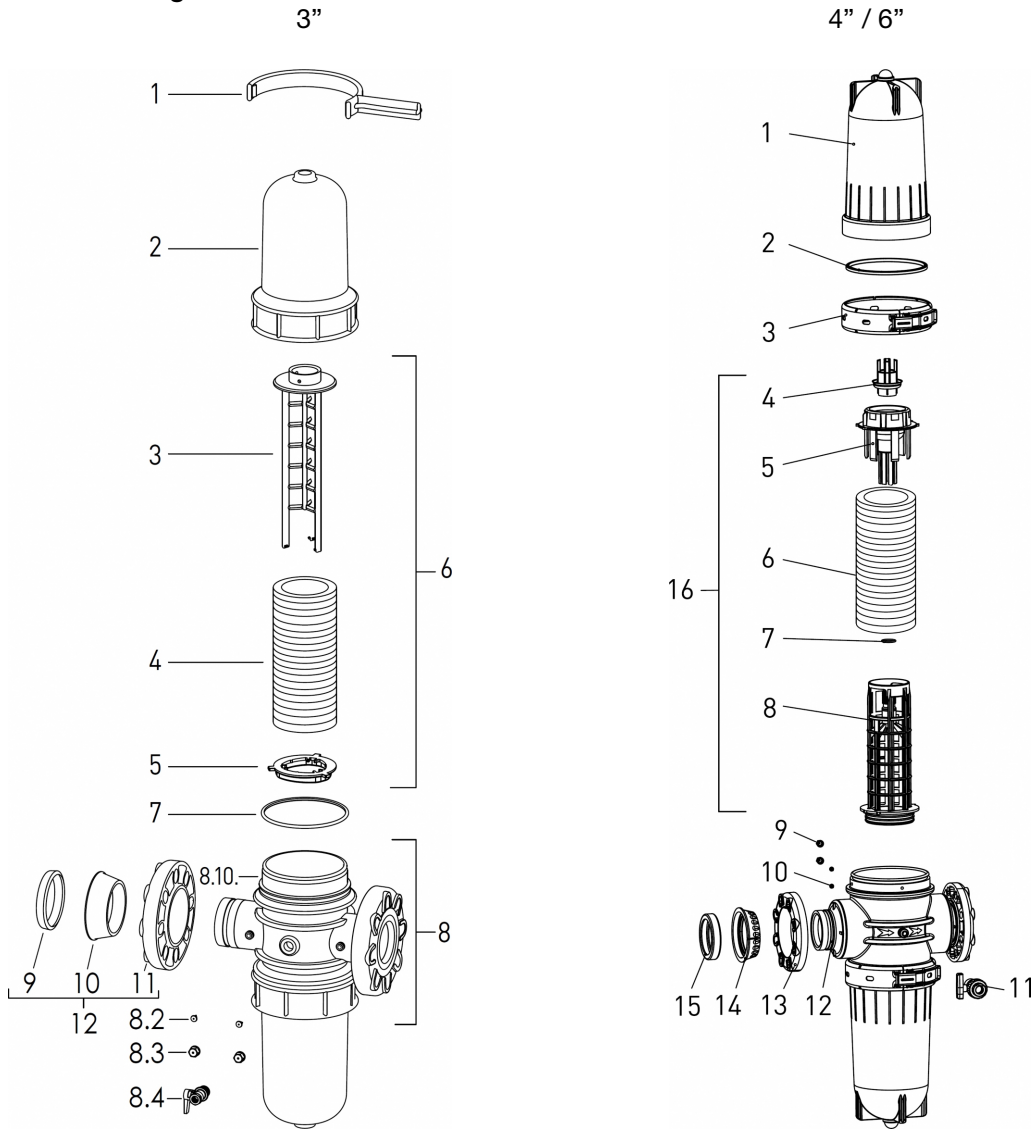
Notes:

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.



Parts drawing:



Maximum flow:

		7U130F	7U240F	7U260F
color	microns	m ³ /h		
blue	400	50	110	140
yellow	200	45	90	130
red	130	35	75	100
black	100	30	60	75
green	55	20	40	50
grey	20	10	n.a.	n.a.
white	10	5	n.a.	n.a.