



MX FILTER

Manual plastic disk filters

The component to protect your system



GESTIRIEGO



FILTRATION





MX FILTER

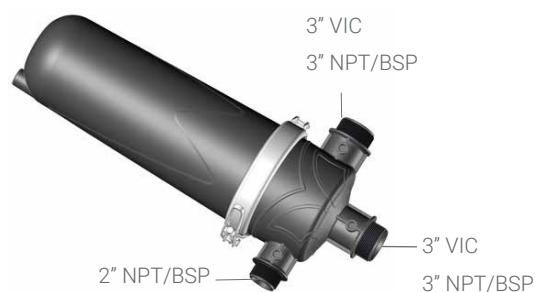
MXFILTER is a plastic filter with disks designed to offer a wide range of possibilities to farmers and installers in terms of application and handling, facilitating its adaptation to irrigation heads.

It has an innovative base design to connect different combinations, offering greater efficiency. The filters can be used individually or in sets of several filters, with both manual and automatic cleaning by backwashing.

Made of materials resistant to chemical products and fertilisers used in agriculture. It is characterised by its large filtering area and low-pressure drop.

MX FILTER

3" LONG BASE



2" SHORT BASE AND 2" LONG BASE



DISK

CHARACTERISTICS

As a main characteristic, MX FILTERS have rings made of high quality plastic materials, with a geometry that makes them special, providing them with a wide filtering surface. The rings have a differentiated double face, with partitions in the shape of an "S" on one of their faces and concentric circles with a depth determined by the degree of filtration on the other. The rings are installed in an oriented manner to create a filtration network with a large filtration area.



BENEFITS

- ✓ Larger filtration area
- ✓ Lower pressure drop.
- ✓ Easy and quick disk cleaning.
- ✓ Higher flow rates.
- ✓ Greater filtration uniformity.
- ✓ Higher particle retention capacity.
- ✓ Linear and constant filtration degree.
- ✓ Wide range of filtration qualities.

ADVANTAGES

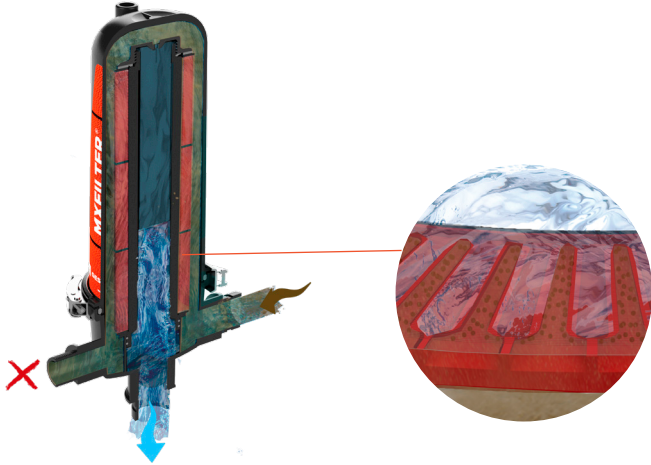
- **Disk filtration.** Maximum safety, making cleaning more effective.
- **Made of plastic material.**
- **Water and energy savings.**
- **The cap incorporates a 1/2" auxiliary socket.** An air release or drain valve can be fitted.
- **Highly resistant clamp system.** Highly resistant to temperature and pressure variations.
- **Easy installation, handling and maintenance.**
- **A system with 3 nozzles that allows different connection options.** Savings on other parts.



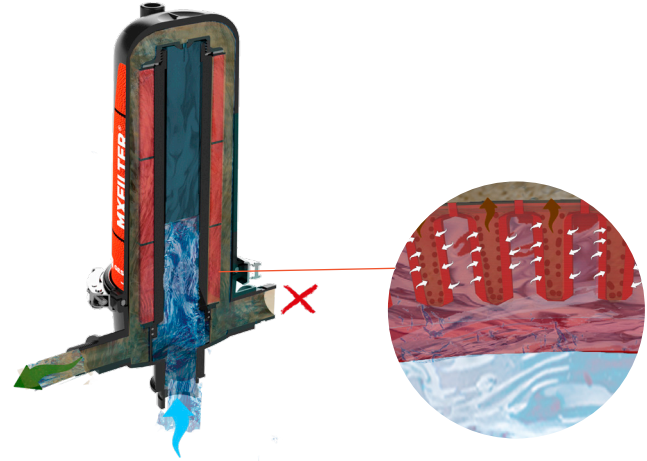
FUNCTIONING

The filtering process occurs when dirty water enters the channels that have the rings on their face in the form of "S" (inlet channels) and passes to the adjacent channels (outlet channels), leaving the dirt retained by the concentric rings in the inlet channels and passing clean water into the filter element.

FILTERING



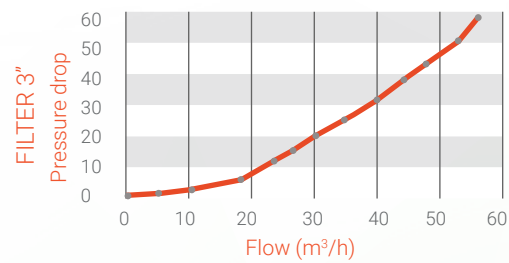
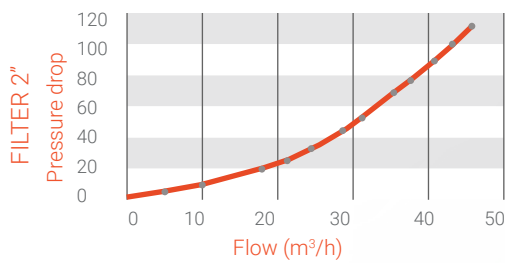
CLEANING



CONSTRUCTION PARTS AND MATERIALS	
DENOMINATION	MATERIAL
Body/base	Glass fiber reinforced polyamide
Filtering element	Polypropylene
Clamp	Stainless steel
O-ring	NBR

MXFILTER	
SIZE	FLOW RATE m ³ /h
2" 120 mesh	10 12 15 17 20 22 25
	Pressure drop (mH2O)
	0.5 0.7 1.0 1.2 1.5 1.7 2.2

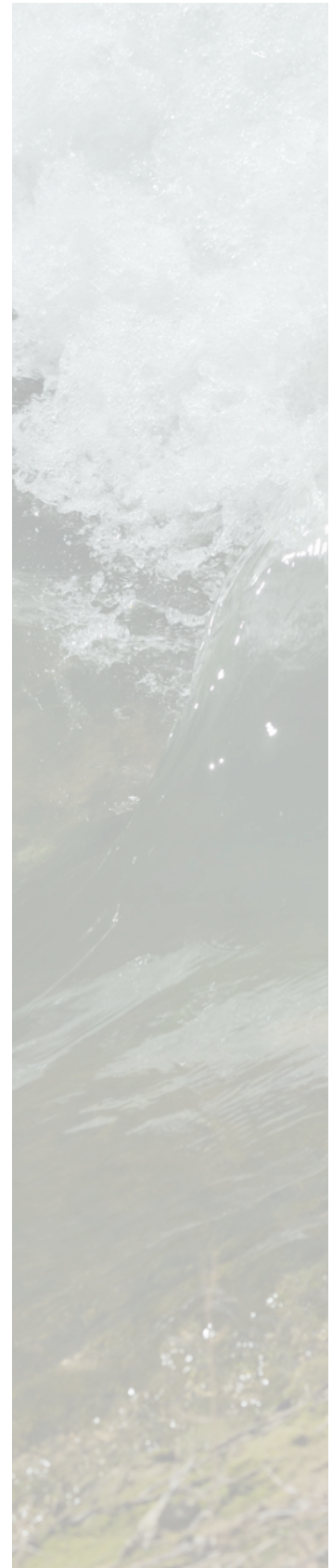
MXFILTER	
SIZE	FLOW RATE m ³ /h
3" 120 mesh	20 24 30 34 40 44 50
	Pressure drop (mH2O)
	0.5 0.7 1.0 1.2 1.5 1.7 2.2



2" SHORT MXFILTER	
MAX. FLOW	20m ³ /h
MAX. PRESSURE	10 kg/cm ²
MESH/COLOURS CODE	■ Mesh:150 Microns:100 ■ Mesh:120 Microns:130

2" AND 3" LONG MXFILTER	
MAX. FLOW	20m ³ /h
MAX. PRESSURE	10 kg/cm ²
MESH/COLOURS CODE	■ Mesh:150 Microns:100 ■ Mesh:120 Microns:130





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Creando los caminos
del agua

