

HYDRO-CYCLONIC IN-LINE FILTER 1 1/2" & 2"

HYDRO-CYCLONIC SCREEN FILTER

Filter suitable for filtration of sand and inorganic particles.

1. Construction

Complete glass reinforced polypropylene construction makes the filter durable to time, solar radiation and chemicals. (body PPC, cartridge-disks PPC, screen INOX).

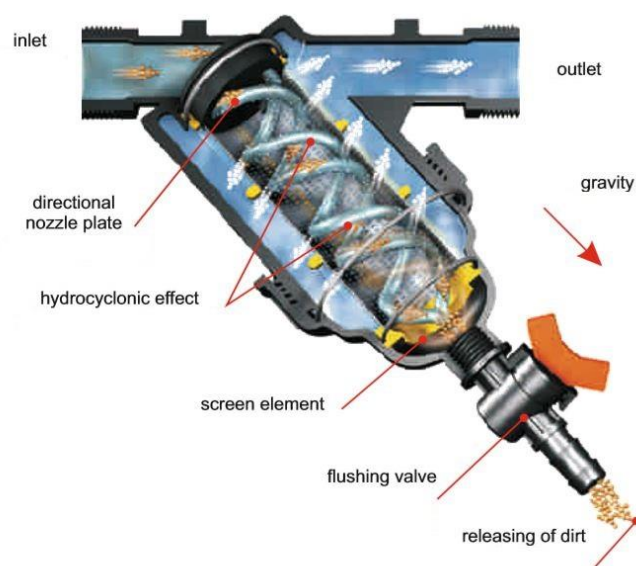
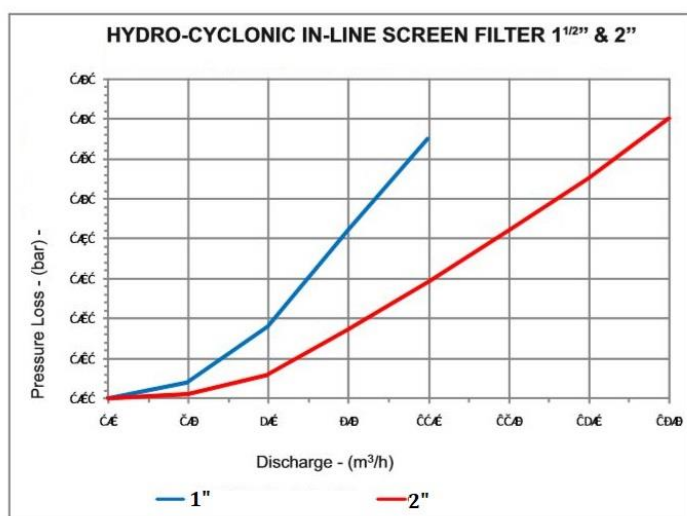


A revolutionary solution for non stop filtration
Incoming dirty water is forced through a directional nozzle plate onto the inside of the stainless steel filter screen. This centrifugal motion and gravity move the debris downward and out the flushing valve. Periodical opening of the flush valve will release the dirt from the debris area without the need to open the filter for cleaning, thus the filter is kept cleaner for a longer period.

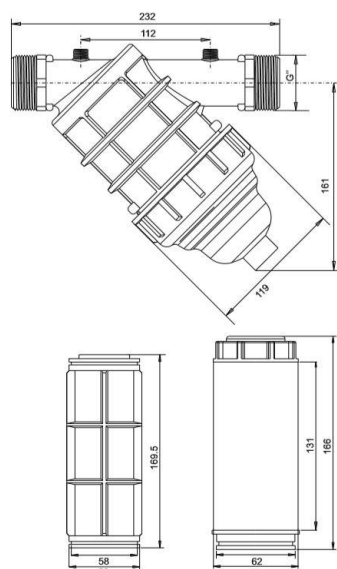
The connection is linear.
Can be used as main or secondary filter.
Applications : installation with emitting pipes
trees irrigation with micro-sprinklers
gardening (sprinklers - Pop up)

Equipped with two bases for manometers.
Easy to clean by removing the screen element from the filter housing for rinsing. Cleaning is achieved when pressure differential is close to 0,9 - 1,0 bar.

PRESSURE LOSS DIAGRAM



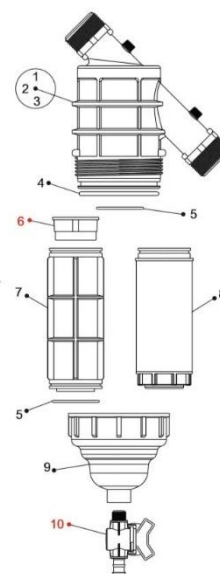
Note : All measurements have been taken in clean water conditions.



2. Specifications

Working pressure - 8 Atm.(ISO 9912)

| Inlet/outlet | Screen surface cm² | mesh | micron | Cartridge Colour | Discharge m³/h |
|---------------|-----------------------|------|--------|------------------|-------------------|
| Screen | | | | | |
| 1 1/2" | 185 | 60 | 250 | Grey | 14 |
| 1 1/2" | 185 | 80 | 200 | Black | 14 |
| 1 1/2" | 185 | 120 | 125 | Red | 14 |
| 1 1/2" | 185 | 150 | 100 | Brown | 14 |
| 2" | 274 | 60 | 250 | Grey | 25 |
| 2" | 274 | 80 | 200 | Black | 25 |
| 2" | 274 | 120 | 125 | Red | 25 |
| 2" | 274 | 150 | 100 | Brown | 25 |



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