

SIGMA Automatic Screen Filter



Advantages of the SIGMA Screen Filter:

Sigma filters are effective, automatic water filters with multiple screens. Sigma filters contain the superior hydraulic self-cleaning suction scan mechanism by UDI which, combined with the advanced hydraulic design and polymer construction, offers the user a filtration system fully resistant to corrosion and which needs no external energy for its operation. Filtration is available from 300 to 80 microns. Thanks to the unique design, Sigma filters are user-friendly and easy to maintain. They are suitable for a variety of applications, from spray and drip irrigation systems in horticulture, arable farming and fruit cultivation, to open field irrigation, sports fields, landscapes, aquacultures and many more applications requiring filters which are resistant to corrosion and added fertiliser materials.

Advantages:

- Corrosion-resistant
- Suction technology
- Low energy and water consumption
- Compact design
- Small ecological footprint
- Simple installation
- Large filter surface
- High flow



Subject to modifications.
No liability accepted for errors or misprints

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Technical data

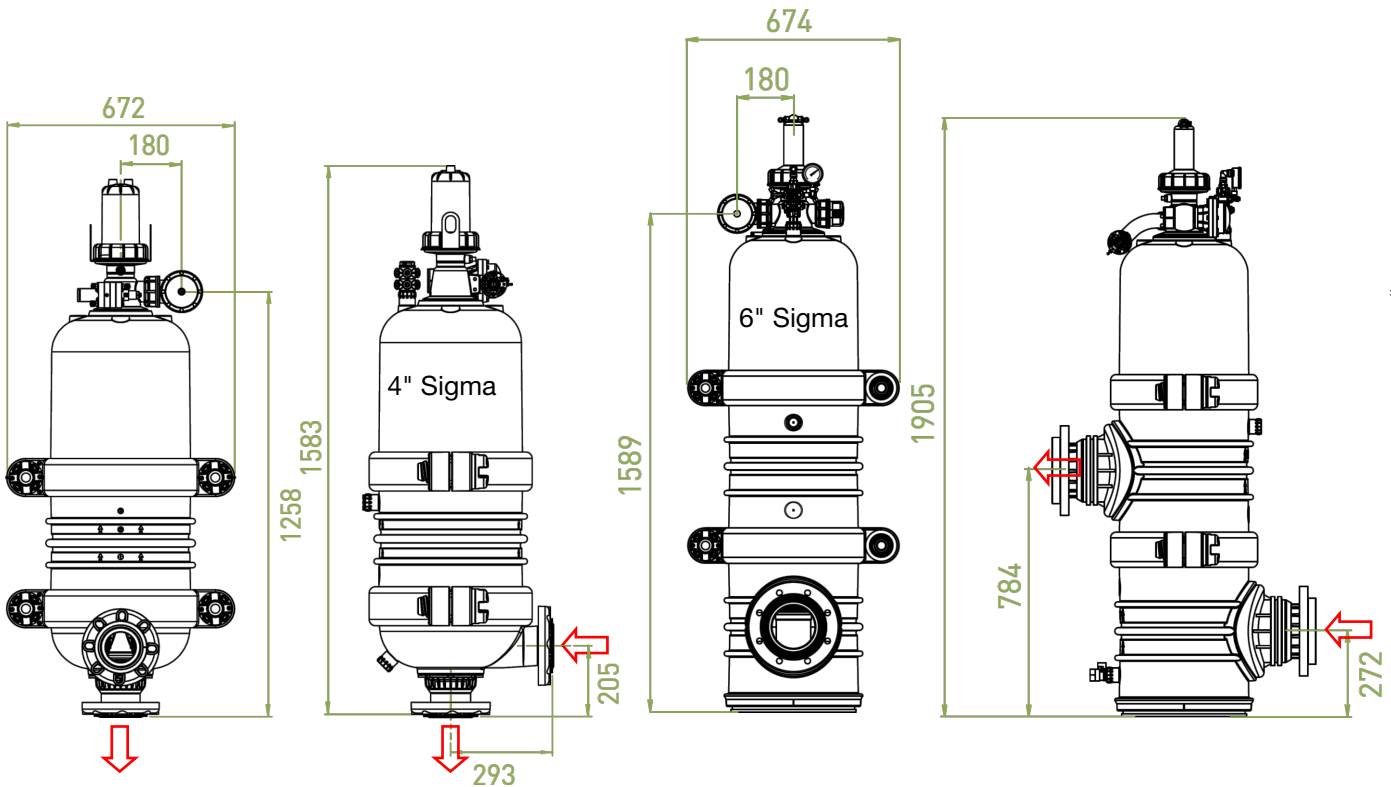
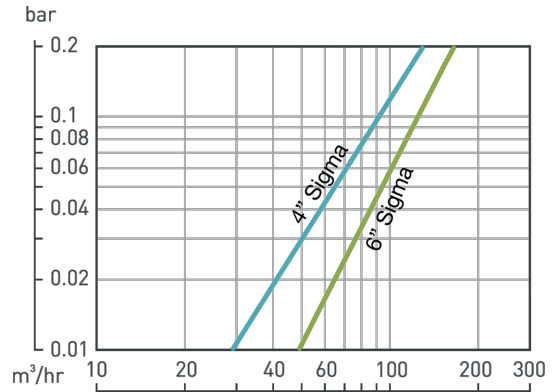
Materials:

- Filter body and cover: RPP (reinforced polypropylene) + RPA (reinforced polyamide)
- Screen: Moulded Weave wire (cast ply) stainless steel 316L
Perforation: 500 - 300 - 200 - 130 - 100 and 80 microns
- Cleaning mechanism: PBT (polybutylene)
- Suction valve: Housing in brass with polymer actuator
- Seals: EPDM

Technical specifications:

- Working pressure 1.5 – 10 bars
- Ph 4-11 resistant

Type	Unit	7U75404F	7U75406F
Connection	inch	4"	6"
Capacity	m ³ /h	30 - 120	50 - 180
Filtersurface	cm ²	6000	8000
Flushing water	ltr.	150 - 200	90
Weight	kg	75	110



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