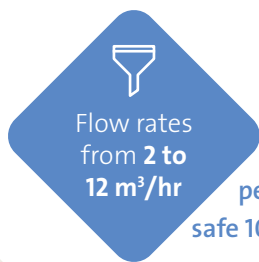


FILTRAFLO FPA-D MK1

Media Pressure Filtration

Granular media pressure filter can remove suspended solids, iron, manganese, chlorine, acidity or organics depending on the selected media.



Flow rates from **2 to 12 m³/hr** per filter based on a safe 10m/h linear speed.



FEATURES & BENEFITS

- Cost-effective solution
- Polyamide vessels PN6; corrosion resistant
- Top and bottom distributors with star nozzles
- Air vents
- Simplex configuration
- PVC pipings
- Double or triple layer for filtration optimization
- Automatic diaphragm or butterfly valves with Pneumatic actuators

HIGH QUALITY MEDIA

- Sand: suspended solids removal
- Activated Carbon: chlorine, phenol and organics removal

HYDREX® CHEMICALS

Hydrex® 3000 and 6000 water treatment chemicals from Veolia Water Technologies may optionally be used to enhance filtration.



APPLICATIONS

- Surface and well water filtration and heavy metal precipitation
- Cooling tower water filtration loop
- Pre-treatment prior to membrane and ion exchange technologies
- Organics removal with specific media
- Wastewater filtration for reuse
- Sea water filtration



OPTIONS

- Choice of high quality media
- Control panel for automatic backwashing and rising
- Air compressor for pneumatic valves
- Feeding collectors for duplex configuration

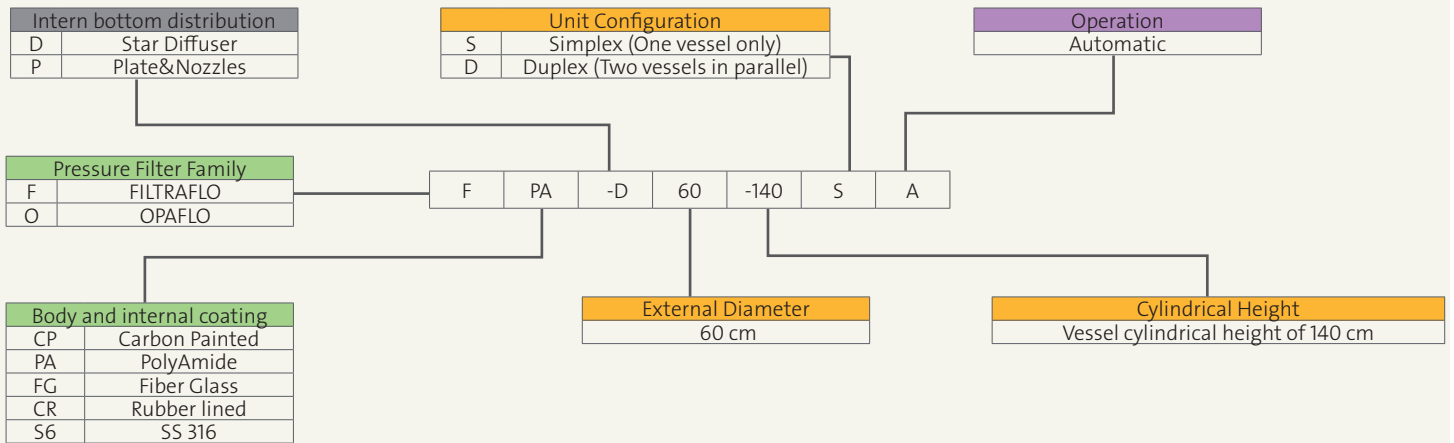
RELATED SERVICES

Local after-sales service and support teams offer preventative and corrective maintenance programs to ensure the long-term, efficient operation of installed plant.





Naming System



System Performance & Dimensions

| Model | Flow rates* | Connections | Width | Height | Depth |
|------------------|-------------------|-------------|-------|--------|-------|
| | m ³ /h | DN | mm | mm | mm |
| FPA-D-50-100-SA | 1.6-3.1 | 25 | 800 | 1914 | 650 |
| FPA-D-60-140-SA | 2.1-4 | 25 | 900 | 2140 | 750 |
| FPA-D-70-125-SA | 3.4-6.3 | 40 | 1050 | 2140 | 900 |
| FPA-D-90-110-SA | 4.9-9.2 | 65 | 1200 | 2140 | 1150 |
| FPA-D-120-100-SA | 9.6-18 | 65 | 1550 | 2302 | 1400 |

*Flow rates as shown above based on linear speed 6m/h (mini) - 15m/h (maxi)

Note:

1. Flow rates are dependant, on feed water quality and media selection
2. Combined filters (2 filters in series) on specific request

Material Specifications

| | |
|--------|----------------------------|
| Piping | PVC |
| Vessel | Polyamid (6, UV resistant) |

Operation

| | |
|--------------------------------|-------|
| Maximum operating pressure: | 6 bar |
| Maximum operating temperature: | 40°C |

Location of the skid: indoors

Electrical Supply

Automatic models 230/400V 50Hz