

FILTRAFLO FCP-P 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 **5 to 90 m³/hr** per filter based on a safe 10m/h linear speed.



FEATURES & BENEFITS

- Steel vessels internally coated with epoxy painting; corrosion resistant
- Two manholes; easy access for maintenance
- PVC pipings
- Simplex, Duplex configurations; flexibility
- Air vents
- Blower connection socket; air/water backwashing
- Safety valve

HIGH QUALITY MEDIA

- Sand: suspended solids removal
- Anthracite or Pumice for in depth suspended solids removal
- Manganese, iron and hydrogen sulfide 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 loop filtration
- Pre-treatment prior to membrane and ion exchange technologies
- Organics removal with specific media
- Industrial markets in general
- Wastewater filtration for reuse



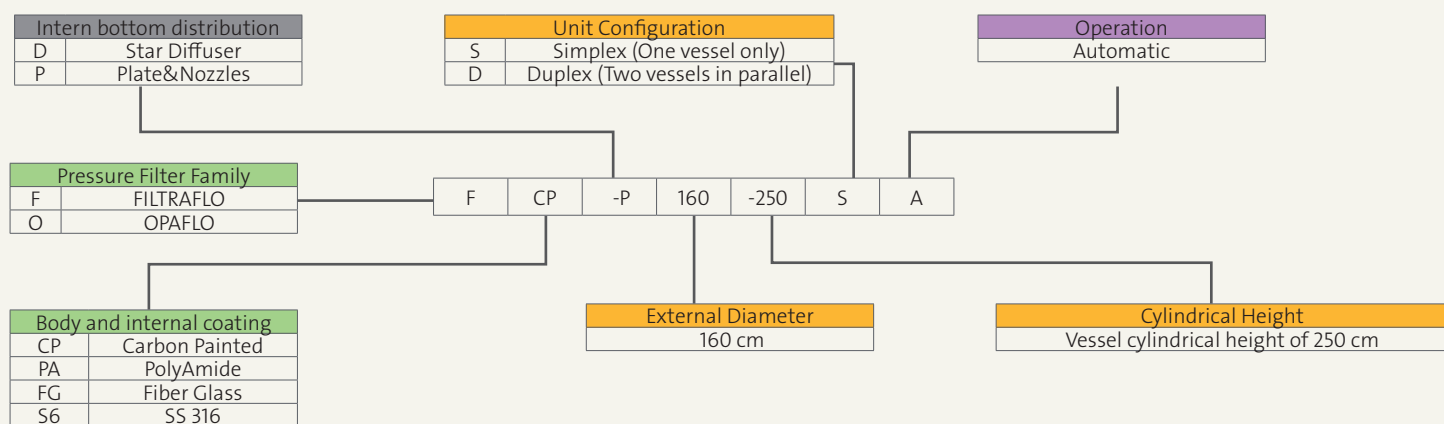
OPTIONS

- Choice of high quality media
- Upstream Air mixing system
- Siemens Control Panel
- Backwash packages
- Additional monitoring

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.





System Performance & Dimensions

Model	Flow rate*	Vessel Diameter	Connections	Total Width	Total Height	Depth
	m ³ /h	mm (Approx)	DN	mm (Approx)	mm (Approx)	mm (Approx)
FCP-P-100-200-S/D A	4 - 11	1000	50	1240	3220	1900
FCP-P-120-200-S/D A	6.8 - 17	1200	65	1420	3310	2100
FCP-P-140-250-S/D A	9 - 23	1400	80	1610	3930	2330
FCP-P-160-250-S/D A	12 - 30	1600	80	1800	4050	2530
FCP-P-180-250-S/D A	15 - 38	1800	100	1980	4240	2870
FCP-P-200-250-S/DA	19 - 47	2000	150	2170	4350	3060

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

Note:

- Flow rates are dependant, on feed water quality and media selection
- Our filters can be assembled and delivered for duplex configuration (filters in parallel)

Material Specifications

Pressure Vessels	Carbon Steel, Epoxy
Pipework	PVC
Nozzles	Food Grade Polypropylene Mounted on the bottom welded floor

Operation

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

Location of the skid: indoors