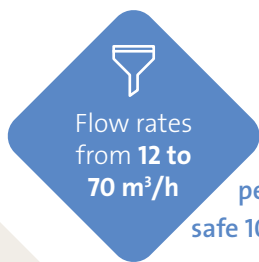


FILTRAFLO FCP-D MK1

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 **12 to 70 m³/h** 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 Configuration only (combined (note 2) as modified standard)
- Air vents

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 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 rinsing
- Air compressor for pneumatic valves
- Feeding collectors for duplex configuration

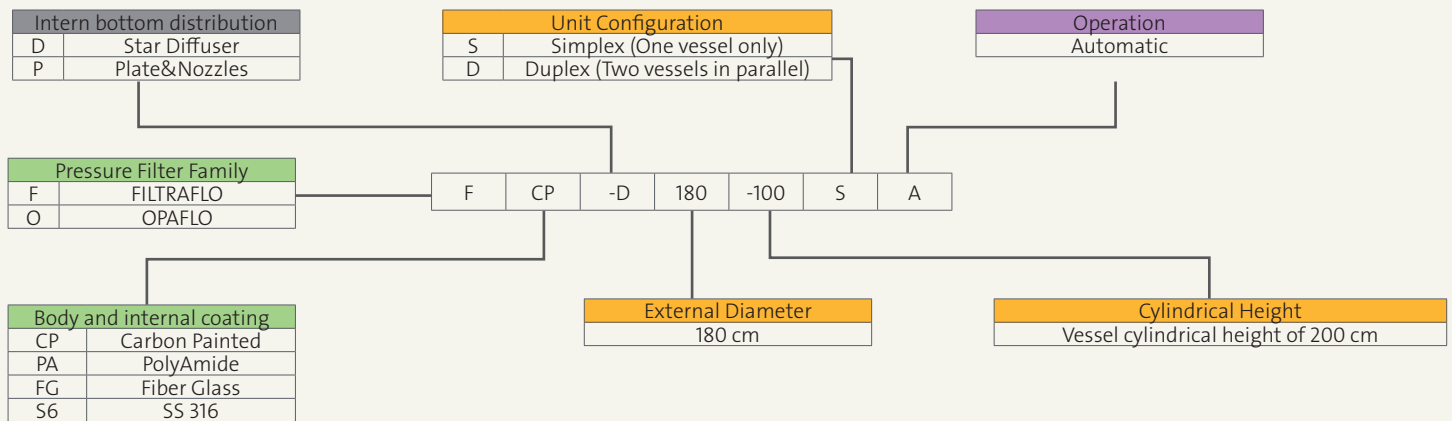
RELATED SERVICES

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 rate*	Vessel Diameter	Connections	Total Width	Total Height	Depth
	m³/h	mm (Approx)	DN	mm (Approx)	mm (Approx)	mm (Approx)
FCP-D-125-100-SA	7.3 - 18	1250	65	1600	2360	1800
FCP-D-150-100-SA	10.5 - 26	1500	80	1950	2400	2150
FCP-D-180-100-SA	15.2 - 38	1800	100	2200	2700	2400
FCP-D-210-100-SA	20.5 - 52	2100	100	2500	2750	2700
FCP-D-225-100-SA	23.5 - 60	2250	150	2700	2900	2900
FCP-D-250-100-SA	38.9 - 72.9	2500	150	3000	3060	3200
FCP-D-300-100-SA	42 - 106	3000	150	3600	3325	3800

*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
3. Our filters can be assembled and delivered for duplex/triplex configuration (filters in parallel)

Material Specifications

Pressure Vessels	Carbon Steel. Epoxy painting internal 250µm; epoxy external 170µm
Piping	PVC

Operation

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

Location of the skid: indoors