

# DP SERIES Ø 1010-3000



## DP SERIES

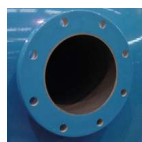
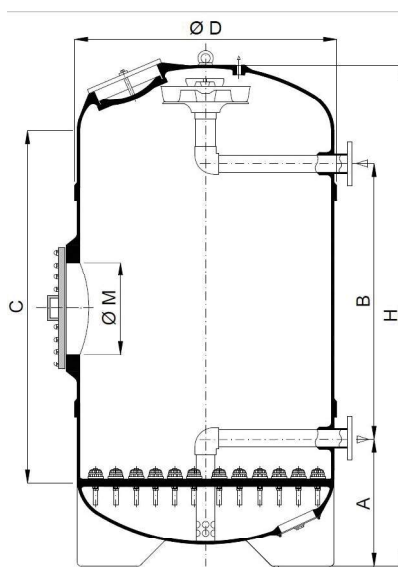
Design pressure 2.5 / 4 / 5 / 6 bars  
 Manufactured and calculated according to EN 13121-3.  
 Material: Hand lay-up polyester with fiberglass (max quality polyester tech).  
 Steel reinforced GRP vessel.  
 Flanged connections for INLET/OUTLET  
 All connections are part of the structure of the filter in GRP.  
 Closed legs & part of the filter structure.  
 Side manhole (Ø420) & elliptical top manhole. (435x315)  
 Design temperature 40°C.  
 Nozzle plate. (GRP + Steel)

## ADDITIONAL OPTIONS

Higher temperatures.  
 High-chemical resistance.  
 Cylindrical height ad-hoc.  
 Additional sight glass.  
 Additional flange can be added  
 Anchorage system to ground.  
 Seismic calculations.  
 Drinking water / Food contact  
 Lateral manhole Ø500 mm.  
**Shorter cylinder with Ø200mm hand hole Solution**

## WHY DP SERIES?

DP SERIES filters allow ad-hoc cylindrical height for different media depth heights and an optimum distribution with nozzle plate. Media loading task is done from the top elliptical manhole, and a side manhole (very usefull) is added for media unloading and inspection.



Flanged connections

Plastized Manhole lid

GRP Elliptical manhole lid

Steel ARMORED Nozzle plate

Diffuser for Sand / AFM

Diffuser for Ionic Exchange

Optional sightglass

Emptying access

Customizable height

Model	DP-1010	DP-1160	DP-1260	DP-1440	DP-1640	DP-1840	DP-2040	DP-2210	DP-2340	DP-2550	DP-2800	DP-3000	
Diameter	1010	1160	1260	1440	1640	1840	2040	2210	2340	2550	2800	3000	
Filtering Surface (m2)	0,8	1,0	1,2	1,6	2,0	2,5	3,2	3,8	4,1	4,9	6	7	
Leg Height (mm)	100	100	100	100	100	100	100	100	100	100	100	100	
Air Relief (Top)	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	
Nozzles in plate	48	64	84	96	132	172	212	235	284	336	419	484	
A (mm)	560	610	620	670	760	790	820	850	900	925	970	900	
Optional sight glass	4"	4"	4"	4"	5"	5"	6"	6"	6"	6"	6"	6"	
Minimum C value	C	1380	1420	1425	1390	1425	1455	1500	1735	1730	1730	1710	1740
	H	1970	2070	2105	2180	2295	2405	2515	2840	2850	2920	3040	3050
values if C=2000	B	1630	1590	1660	1675	1610	1590	1600	1630	1585	1655	1670	1660
	H	2590	2650	2680	2790	2870	2950	3015	3105	3120	3190	3330	3310
Inlet/Outlet (Recommended for Sand / AFM)	DN80	DN100	DN100	DN100	DN125	DN125	DN150	DN150	DN200	DN250	DN250	DN250	

**NOTE: ANY CYLINDRICAL HEIGHT IS AVAILABLE (HOWEVER THERE IS A MINIMUM VALUE)**