

# KP SERIES Ø 1010-1840



## KP SERIES

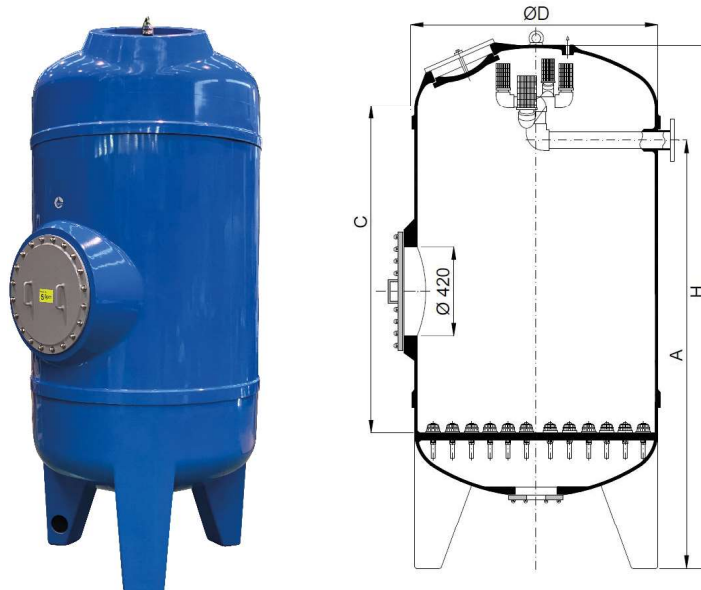
Design pressure 2.5 / 4 / 5 / 6 bars  
 Ionic Exchanger (Anion, Cation....)  
 Manufactured and calculated according to EN 13121-3.  
 Material: Hand lay-up polyester with fiberglass (max quality polyester tech).  
 Steel reinforced GRP vessel.  
 Flanged connections for INLET/OUTLET or PVC lid in the bottom.  
 All connections are part of the structure of the filter in GRP.  
 Closed legs & part of the filter structure.  
 Side manhole & elliptical top manhole.  
 Design temperature 40°C.  
 Bottom nozzle plate. (GRP + Steel)  
 Longer legs for bottom connection or complete drain.  
 Tested 1.5 times design pressure

## ADDITIONAL OPTIONS

Higher temperatures.  
 High-chemical resistance.  
 Cylindrical height ad-hoc.  
 Additional sight glass.  
 Additional flanges.  
 Anchorage system to ground.  
 Seismic calculations.  
 Drinking water / Food contact.  
 Lateral manhole Ø500 mm.

## WHY KP SERIES?

IONIC EXCHANGERS usually require a bottom outlet. KP series include a long leg solution so that the outlet can be installed in the bottom part of the tank.



Flanged connections    Plastized Manhole lid    GRP Elliptical manhole lid    Steel ARMORED Nozzle plate    Optional Sightglass    Diffuser for Ionic exchange    Higher legs    Optional bottom flange    Customizable height

Model		KP-1010	KP-1160	KP-1260	KP-1440	KP-1640	KP-1840
Diameter		1010	1160	1260	1440	1640	1840
Filtering Surface (m2)		0,8	1,0	1,2	1,6	2,0	2,5
Leg Height (mm)		350	350	350	370	370	370
Air Relief (Top)		1"	1"	1"	1"	1"	1"
Inlet/Outlet		ADAPTED TO CUSTOMER'S CHOICE					
Nozzles in plate		53	69	89	101	137	177
Optional sight glass		4"	4"	4"	4"	5"	5"
Minimum C value	C	1360	1350	1325	1300	1265	1285
	H	2150	2235	2260	2310	2335	2485
if C=2000	H	2790	2885	2935	3010	3070	3200

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