

# AQUA



Preferred professional swimming pool equipment



## DIATOMACEOUS EARTH FILTER

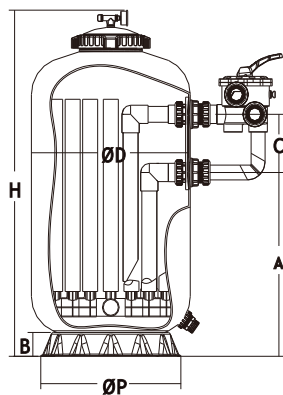
- **Maximum working pressure:**  
0.25MPa/2.5kg/cm<sup>2</sup>(36psi) or  
0.4MPa/4.0kg/cm<sup>2</sup>(58psi)
- **Maximum test pressure:**  
0.4MPa/4.0kg/cm<sup>2</sup>(58psi) or  
0.6MPa/6.0kg/cm<sup>2</sup>(86psi)
- **Maximum temperature:** 50°C(122F)
- **Customization height**

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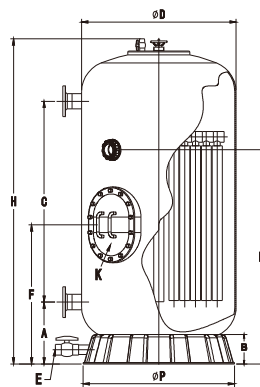
## DIATOMACEOUS EARTH FILTER



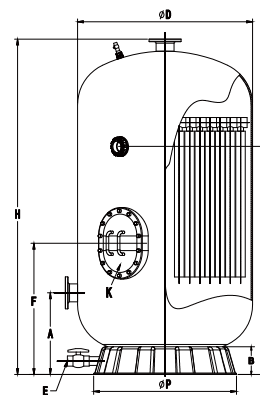
Diatomaceous earth filter is one of the very fine swimming pool filtration equipment. The fine diatomite forms a layer of filter membrane on the surface of the filter screen, with a filtration accuracy of 2-3 microns, which is very suitable for various new swimming pools. Normally, a diatomaceous earth filter can operate normally for two weeks, but when the diatomite adsorbs enough dirt to affect the filtration effect, a backwash is required. The water it filters is cleaner than quartz sand filters. Diatomite is added to the water through the diatomite bucket, and then pumped into the filter to form a filter membrane. When backwash is required, the diatomite powder is blown up and discharged with the dirt. Diatomite powder can not be recycled, diatomite filter rods must be removed every quarter to clean once.



**DE650~DE700**



**DE800~DE1000**



**DE1200~DE1800**

Model	Filtration Area	Flow	Required D. E.	Drain Outlet Size	Inlet/Outlet Size	Tank Dia
	(m <sup>2</sup> )	(m <sup>3</sup> /h)	(Kg)			
DE650	3.64	18.2	2.2	DN40	DN50	600
DE700	5.07	25.3	3.0	DN40	DN50	700
DE800	9.4	47.0	5.0	DN40	DN80	800
DE900	11.0	55.0	6.0	DN40	DN80	900
DE-1000	15.0	75.0	8.0	DN40	DN100	1000
DE-1200	23.4	117.0	13.0	DN65	DN100	1200
DE-1400	32.6	163.0	19.0	DN65	DN150	1400
DE-1600	40.6	203.0	22.0	DN100	DN150	1600
DE-1800	53.4	267.0	30.0	DN100	DN200	1800

Model	D	H	A	B	C	E	F	K	M	P
	(mm)	(mm)	(mm)	(mm)	(mm)		(mm)	(mm)	(mm)	(mm)
DE650	635	1300	700	95	220	-	-	-	-	565
DE700	700	1300	730	95	220	-	-	-	-	565
DE800	800	2100	400	150	1300	DN40	900	400×300	1350	690
DE900	900	2100	400	150	1300	DN40	900	400×300	1350	760
DE-1000	1000	2100	400	150	1300	DN40	900	400×300	1350	830
DE-1200	1200	2300	500	180	-	DN40	900	400×300	1400	980
DE-1400	1400	2350	600	165	-	DN50	900	400×300	1400	1215
DE-1600	1600	2350	600	215	-	DN50	900	400×300	1400	1450
DE-1800	1800	2450	650	215	-	DN50	1000	400×300	1450	1610