UPVC Cartridge Filter Housings

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UPVC Cartridge Filter Housings (3 or 5 elements)

UMK cartridge filter is a filter system with high precision. It consists of the housing and cartridge elements, mainlly used in pretreatment. It can be widelly used in electronic industry, sewage treatment, beverage, foods, pure water treatment, also it can acts as home water purification equipment.



A B



In 2005, it has got the utility model patent, which is issued by the state intellectual property office of the P.R.C. The patent NO is: ZL 200520100822.3
In 2009, it has got the patent of invention. The patent NO is: 200510049495.X
It has achieved 0-0.6 MPa 100,000 times recycle fatigue test successfully.

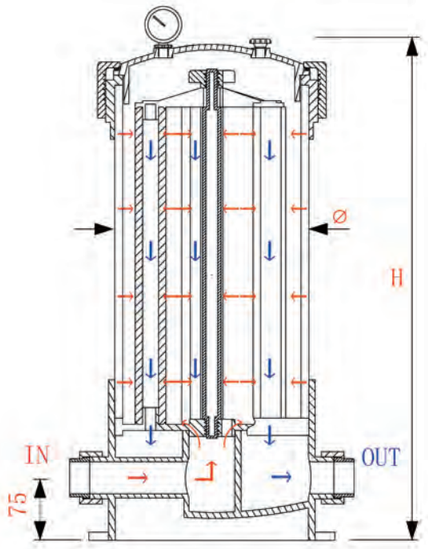


Spanner for the lid of A series

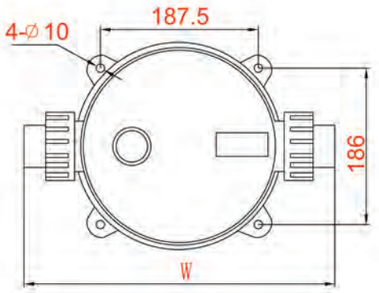
Type		Material	Size	Cartridges (PCS)	Cartridges size	In/Out (mm)	Max pressure
UMK-5DC1	UMK-3DC1	UPVC	Φ225-H465	5/3	10"	DN40/ANSI 1.5" (w=365) DN50/ANSI 1.2" (w=437)	A=0.4MPA
UMK-5DC2	UMK-3DC2		Φ225-H715		20"		
UMK-5DC3	UMK-3DC3		Φ225-H965		30"		B=0.6MPA
UMK-5DC4	UMK-3DC4		Φ225-H1215		40"		

Note:

It can install all material; all precision's cartridge 5 PCS or 3 PCS, which I.D. is 28-30mm, O.D. is 65-70mm.
The highest working temperature is 45 ℃, The size of the two holes in the lid of the filter is G1/4″. If the thread of the pressure gauage is metric standard, should add an adaptor.



Flow Diagram



Pedestal Location

Product Advantages:

1.All the parts of this series filters are made of UPVC material.

2.The inlet and outlet are in the same line, which connected with the pipe is adopt a 1.5" or a 2" union.

3.The distribution system of UMK filters is distributed from bottom to top.Water is well-proportioned with small strike to cartridges and air is easy to be discharged.

4.The bottom system of UMK filter is designed together as a whole with the top localizer & closure system. Cartridges are easy to be installed, push down and closed, preventing leaking inside.

5.A series: The lid and the body are connected by a nut. Ensure a good seal performance.
B series: The lid and the body are connected using eyebolts flange method, ensure the filter can stand higher pressure.

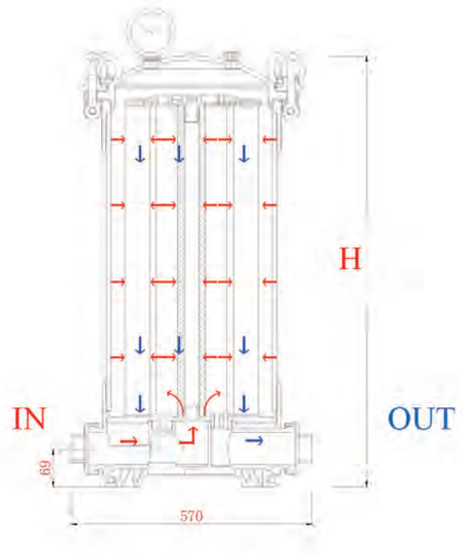
6.UMK filter is corrosion resistant, It can be used in SS-none-replace field .

UPVC Cartridge Filter Housings (8 or 9 elements)

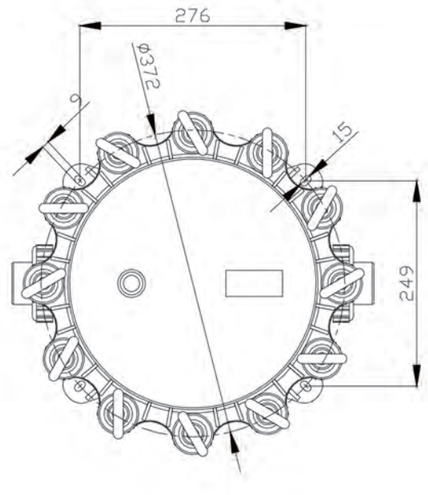




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Flow Diagram



Pedestal Location

Type		Material	Size	Cartridges (PCS)	Cartridges size	In/Out (mm)	Drainer (mm)	Max pressure
UMK-9DC2	UMK-8DC2	UPVC	Φ315-H745	9/8	20"	DN80/ANSI 3"	DIN1/2" or ANSI1/2"	0.6MPA(86PSI)
UMK-9DC3	UMK-8DC3		Φ315-H995		30"			
UMK-9DC4	UMK-8DC4		Φ315-H1245		40"			

Note:

It can install all material; all precision's cartridge 9 PCS or 8 PCS, which I.D. is 28-30mm, O.D. is 65-70mm.
The highest working temperature is 45 ℃, The size of the two holes in the lid of the filter is G1/4″. If the thread of the pressure gauage is metric standard, should add an adaptor.

Product Advantages:

1.All the parts of this series filters are made of UPVC material.

2.The inlet and outlet are in the same line, which connected with the pipe is adopt a 3" union.

3.The distribution system of UMK filters is distributed from bottom to top.Water is well-proportioned with small strike to cartridges and air is easy to be discharged.

4.The bottom system of UMK filter is designed together as a whole with the top localizer & closure system. Cartridges are easy to be installed, push down and closed, preventing leaking inside.

5.The lid and the body are connected using eyebolts flange method, Ensure a good seal performance. and ensure the filter can stand higher pressure.

6.UMK filter is corrosion resistant, It can be used in SS-none-replace field.