

Капсульные фильтры МК CF68

Технические характеристики

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Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

эл.почта: mbd@nt-rt.ru || сайт: <https://microlab.nt-rt.ru/>



MK CF68 SERIES Capsule Filter

CF68series Capsule Filters are ready-to-use units for critical applications and small volume flows of gases and liquids. All filter units consist of a durable pp housing and are available in various filter media and pore sizes. The housing units are thermal welded and all capsule filters have many connection options. They are manufactured in a clean room environment and are processes in double sealed packaging to avoid any possible contamination.

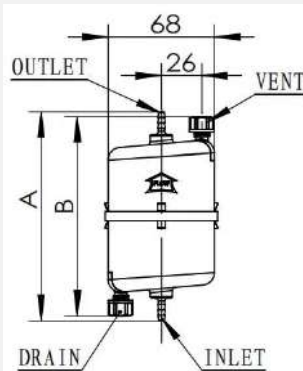
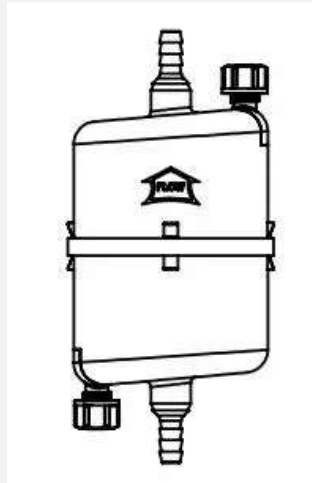
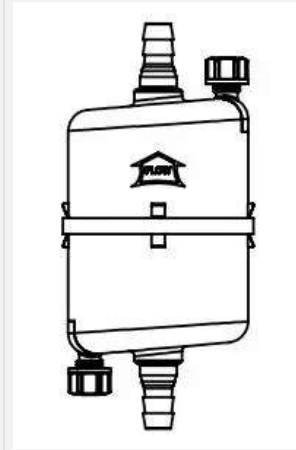
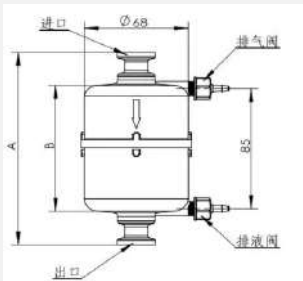
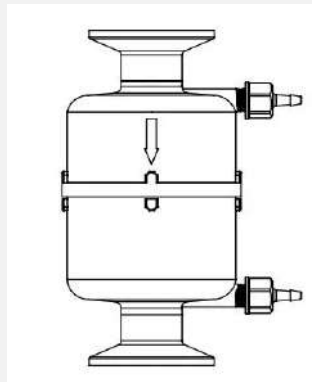
Technical Specification

Characteristic advantages	Application
A variety of filter materials and Connection types are available	ink filtration
High temperature resistance, excellent mechanical strength	Biological solutions Filtration
Thermal welding, without any adhesive	Chemical solutions filtration
Extensive chemical compatibility	Gas Filtration
Pure water washing, keep cleaning	Culture medium and medicine liquid filtration
Safe to use and easy to operate	Corrosive liquids Filtration
100% pass integrity test	

Dimensions	
Housing Material	PP
Filter Media	PP, Nylon, PES, PTFE, PVDF ...
Housing Diameter	Φ68mm
Filter length	2.5", 5", 10"
Effective filtration area	2.5" ≥1200cm ²
	5" ≥2400cm ²
	10" ≥4800cm ²

Operating Parameters	
PH	1~13
Working Temperature	≤65°C
Maximum Working Temperature	85°C , Δ P ≤ 0.1Mpa
Maximum Working Pressure	0.50Mpa/21°C
Forward maximum pressure difference	0.42Mpa/21°C

Model:

			
CF681H1H2.5	CF682H2H2.5	CF683H3H2.5	CF684H4H2.5
			
CF681N1N2.5	CF682N2N2.5	CF684N4N2.5	CF682H2HFB2.5
			
CF68MTMT2.5	CF68TCTC2.5	CF681Q1Q2.5	CF682Q2Q2.5

Order Information

For example “CF682H1M25PP010”
68 series Capsule Filter, inlet/outlet 1/4”Hose barb, vent/drain M10Lock, Length 2.5”, PP
0.1um

Series	Inlet/outlet	Vent/DRain	Length	Filter Media	Pore size
CF68	1H-1/8” hose barb	1M=M10Lock	25=2.5”	PP	010-0.1
	2H-1/4” hose barb	1M=M10Lock	50=5”	PES	022-0.22
	2HFB-1/4” hose barb	1M=M10Lock	100=10”	NY/Nylon	045-0.45
	3H-3/8” hose barb	1M=M10Lock		PVL/Hydrophilic PVDF	065-0.65
	4H-1/2” hose barb	1M=M10Lock		PTL/Hydrophilic PTFE	080-0.8
	1N-1/8” NPT	1M=M10Lock		PVB/Hydrophobic PVDF	100-1.0
	2N-1/4” NPT	1M=M10Lock		PTB/Hydrophobic PTFE	300-3.0
	4N-1/2” NPT	1M=M10Lock			500-5.0

MK CF68 Series Capsule Filter

Introduction

CF68series Capsule Filters are ready-to-use units for critical applications and small volume flows of gases and liquids. All filter units consist of a durable pp housing and are available in various filter media and pore sizes. The housing units are thermal welded and all capsule filters have many connection options. They are manufactured in a clean room environment and are processes in double sealed packaging to avoid any possible contamination.



MK CF68 Series Capsule Filter

Characteristic advantages

- ▶ A variety of filter materials and Connection types are available
- ▶ High temperature resistance, excellent mechanical strength
- ▶ Thermal welding, without any adhesive
- ▶ Extensive chemical compatibility
- ▶ Pure water washing, keep cleaning
- ▶ Safe to use and easy to operate
- ▶ 100% pass integrity test

Application

- ▶ ink filtration
- ▶ Biological solutions Filtration
- ▶ Chemical solutions filtration
- ▶ Gas Filtration
- ▶ Culture medium and medicine liquid filtration
- ▶ Corrosive liquids Filtration

Product Specification

Operating Parameters	[PH]: 1~13
	[Working Temperature]: $\leq 65^{\circ}\text{C}$
	[Maximum Working Temperature]: 85°C , $\Delta P \leq 0.1\text{Mpa}$
	[Maximum Working Pressure]: $0.50\text{Mpa}/21^{\circ}\text{C}$
	[Forward maximum pressure difference]: $0.42\text{Mpa}/21^{\circ}\text{C}$
Dimensions	[Housing Material]: PP
	[Filter Media]: PP, Nylon, PES, PTFE, PVDF ...
	[Housing Diameter]: $\Phi 68\text{mm}$
	[Filter length]: 2.5", 5", 10"
	[Effective filtration area]: 2.5" $\geq 1200\text{cm}^2$ 5" $\geq 2400\text{cm}^2$ 10" $\geq 4800\text{cm}^2$

Ordering Information

CF681H1M25	CF682H1M25	CF683H1M25	CF684H1M25
CF681N1M25	CF682M1M25	CF684N1M25	CF682H2HFB25
CF68MT1H25	CF68TC1H25		

Removal Rating					
PP	PES	PTFE(Liquid)	PTFE(Gas)	Nylon66	Glass Fiber
01=0.1μm	01=0.1μm	01=0.1μm	001=0.01μm	01=0.1μm	045=0.45μm
022=0.22μm	022=0.22μm	022=0.22μm	002=0.02μm	02=0.2μm	1=1μm
045=0.45μm	045=0.45μm	045=0.45μm		045=0.45μm	3=3μm
1=1μm	065=0.65μm			065=0.65μm	5=5μm
3=3μm	08=0.8μm			1=1μm	10=10μm
5=5μm	1.2=1.2μm				20=20μm
10=10μm					

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