



GAODETEC

郑州高德机械设备有限公司

Gaode Equipment Co., Ltd.

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Stainless Steel Multilayer Filter

Design Feature

S. S. Multilayer filter is for fine filtering. Its surface is polished, has seals, and normally used together with S.S. feeding pump, so it's normally used for following industries: laboratory, fine chemicals, medicine, food, chemical, etc.



Working principle

The suspended solution is pumped into filter chamber, under the feeding pressure, the filter pass through the filter media and then discharged from the outlet. The solid will becomes to filter cakes. Thus realize solid liquid separation.



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Technical parameters

Model	DZCR-100
Layer No.	10
Filter Area (m²)	0.078
Plate size (mm)	φ100
Filtering precision (μm)	0.22-100
Filter pressure (mpa)	0.3
Water flow (t/h)	0.8
Feeding pump power (KW)	0.37
Dimensions (mm)	600x300x600
Weight (KG)	40

The filter press can be customized



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Features

1. The filter is made of S.S. 304 or S.S. 316L, which are features of corrosion-resistant and long life-span.
2. The filter plates use screw thread structure. It can change filtering media (if uses filter membrane, it can even remove the bacteria) according to your material and your technical requirements (primary filtration/medial fine filtration/ fine filtration).
3. The filter works under pressure without leakage and the filtrate is very clean.
4. It can be used as multilevel filtering devices: the first level uses rough filtering media. The second level can use fine media, so that it can improve the filtering effect and efficiency.
5. All seals are made of silica rubber, which can endure high temperature and no toxicity, no leakage.
6. The automatic flow returning device also can be customized according to your needs. When pump stops, open the return valve, all sediment will be discharged automatically (beside have the air discharging function), and at the same time, it will be backwashed by clean water via the return pipe. It's very easy for operation.

Plate & frame





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规格型号 Model	层数 Layer NO.	过滤面积(m ²) Filter area	滤材尺寸 (mm) Plate Size	过滤精度(μm) Filtering Precision	设计压力(mpa) Filter pressure	水流量(t/h) Water flow	输料泵电机功率 Feeding Pump Power	外型尺寸 Dimensions
DZCR-100	10	0.078	Φ100	0.22-100	0.3	0.8	0.37	600×300×600
DZCR-150	10	0.17	Φ150	0.22-100	0.3	1.5	0.55	650×380×650
DZCR-200	10	0.34	Φ200	0.22-100	0.3	2	0.75	650×400×700
DZCR-300	10	0.7	Φ300	0.22-100	0.3	4	0.75	700×500×800
DZCR-400	10	1.25	Φ400	0.22-100	0.3	6	1.1	900×600×1000
DZCR-400	16	2	Φ400	0.22-100	0.3	9	1.5	1000×600×1000
DZCR-400	20	2.5	Φ400	0.22-100	0.3	10	1.5	1100×600×1000
DZCR-400	32	4	Φ400	0.22-100	0.3	13	1.5	1320×600×1000
DZF-200	10	0.4	200×200	0.22-100	0.3	3	0.55	650×380×650
DZF-300	10	0.9	300×300	0.22-100	0.3	6	0.75	700×500×800
DZF-400	10	2	400×400	0.22-100	0.3	10	1.1	900×600×1000
DZF-400	20	3	400×400	0.22-100	0.3	12	1.1	1100×600×1000
DZF-400	26	4	400×400	0.22-100	0.3	15	1.1	1150×600×1000
DZF-400	32	5	400×400	0.22-100	0.3	18	1.5	1200×600×1000
DZF-400	38	6	400×400	0.22-100	0.3	21	1.5	1300×600×1000
DZF-400	44	7	400×400	0.22-100	0.3	23	1.5	1350×600×1000