

Stainless Steel Laminated Precision Filter

NO.8814

Stainless steel laminated filter is a new type of laminated plate and frame liquid filter. It has been manufactured by our factory for many years of practical experience in producing filters. The machine is widely used in chemical, pharmaceutical, petroleum and other environmental protection industries. Filtration, clarification and purification of the finest impurities in the liquid. For powdered activated carbon, it is the ideal equipment

This machine is made of 304 or 316L high-quality stainless steel. The machine is polished to 400 meshes inside and outside. It conforms to Gmp standard. The craftsmanship is excellent, the performance is safe and stable, corrosion resistance, durability, novel structure, easy operation, flexible and energy saving, and strong adaptability. Multipurpose filtration equipment. (This machine can be initially filtered, decarbonized, deep filtered, semi-fine filtered, fine filtered)

The filter unit of the machine is composed of multiple layers of overlapping filter screen plates and filter frames. The hole of the screen plate is punched by the computer and the holes are small and uniform. This ensures that the pressure of the filter material on each layer of filter plate is even and the filtering accuracy is excellent. The original liquid enters into the cylinder through pressure, enters from the hole around the filter frame, and then passes through the filter media on the screen to exit the hole in the center of the screen, and the qualified liquid is discharged. The machine filter material can be used (polypropylene filter, enhanced filter, filter paper, filter cloth, special decarbonization filter film), etc., and suitable filter material can be selected according to user requirements.

This machine features: large flow rate, high speed, high carbon survivability, small footprint, large filter area, high efficiency, high filtration accuracy, and easy operation. RC500-RC800 filter has 3-6 detachable holders (fast loading type), RC300-RC400 filter adopts center

screw compression (fast opening nut is used with arch type gland). This machine is especially used for chemical liquid and viscous liquid filtration. Solved the problem of viscous liquid filtration in the chemical industry. The liquid odor in the filter works in a completely closed state, so that the liquid is not run during filtration (liquid seepage), and there is no residual liquid in the filter. The operation and the workshop are done without pollution, odorless, and the environmental management is advanced. step. Note: Filters that require a large filter area can be customized.



The Main Technical Parameters

Specifications	Number of layers	Filter area (m ²)	Filter size (mm)	Filter material microporous membrane(μm)	Filtration pressure(MPa)	Flow (t/h)	Activated carbon (kg)	Motor Power (KW)
RCD-300	5	0.7	Φ310	0.22-3	0.2-0.6	4	3	0.75
RCD-300	10	1.4	Φ310	0.22-3	0.2-0.6	8	6	1.1
RCD-300	15	2.1	Φ310	0.22-3	0.2-0.6	12	9	1.5
RCD-300	20	2.8	Φ310	0.22-3	0.2-0.6	16	12	2.2
RCD-400	10	2.5	Φ410	0.22-3	0.2-0.6	14	15	2.2
RCD-400	15	3.75	Φ410	0.22-3	0.2-0.6	21	20	2.2
RCD-400	20	5	Φ410	0.22-3	0.2-0.6	28	30	3
RCD-500	10	3.9	Φ510	0.22-3	0.2-0.6	25	35	3
RCD-500	20	7.8	Φ510	0.22-3	0.2-0.6	50	70	3
RCD-550	10	4.75	Φ560	0.22-3	0.2-0.6	35	40	4
RCD-550	20	9.5	Φ560	0.22-3	0.2-0.6	70	80	4
RCD-600	10	5.65	Φ610	0.22-3	0.2-0.6	60	100	4
RCD-600	15	8.47	Φ610	0.22-3	0.2-0.6	90	150	4
RCD-600	20	11.3	Φ610	0.22-3	0.2-0.6	120	200	4
RCD-800	10	10	Φ810	0.22-3	0.2-0.6	100	150	4
RCD-800	20	20	Φ810	0.22-3	0.2-0.6	200	300	4

Disc Precision Filter

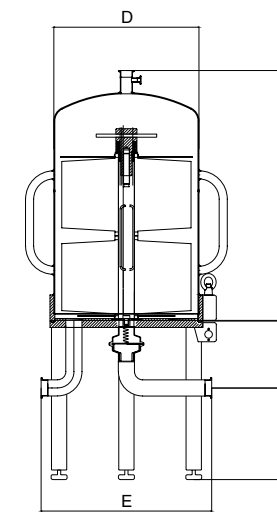
NO.8815

Description

Disc precision filters have a long history in food and beverage filtration applications. This filtration method is suitable for deep filtration technology, modular closed systems, especially for small flow or medium flow. The filter can be applied to international brand filter cakes and the cost is low. The surface treatment fully meets the hygienic requirements.

Technical Characteristics

- Design pressure: 1.0Mpa
- Operating temperature: 0-110°C
- Material: stainless steel SS304 or SS316L
- Surface treatment: mirror polishing or electrolytic polishing



Typical Application

- Liquor, syrup, microbiological and solid beer filtration
- Terminal filtration before juice and juice concentrate filling
- Prefiltration before juice membrane filtration
- Alcohol, Enzymatic Dissolution, Liquid Gum, Clarification
Filtration of Olive Oil
- Pharmaceuticals, Chemicals, Electronic Filtration

Technical Parameters

Filter No.	Dimensions						Effective filtration area m ²
	in	D1	L	H	H1	H2	
RCLS-DN25	1	76	180	260	410	160	0.0162
RCLS-DN25	1-1/2	108	260	300	560	170	0.0315
RCLS-DN25	2	108	260	300	560	170	0.0315
RCLS-DN25	2-1/2	133	330	360	637	174	0.0461
RCLS-DN25	3	159	340	400	719	214	0.0590
RCLS-DN25	4	219	400	470	881	272	0.1077
RCLS-DN25	5	273	480	550	1079	345	0.1759