

JTGDB 大饼式过滤器 Lenticular Filter

深层过滤器 Depth filter

- JTGDB大饼式过滤器是一种新型深层过滤器，可用于代替硅藻土过滤器，对各类液体中微小杂质进行过滤、澄清，提纯处理。
- 整体结构按照卫生级要求设计制造，料液无残留，极易清洗，高精度抛光；采用下进下出式结构设计，有效避免料液的紊流，提高过滤性能。
- JTGDB大饼式过滤器最多标配4个滤饼，能满足大流量的过滤要求。
- JTGDB Lenticular Filter is a new type of stacks filter, can be used in place of diatomite filter, for tiny impurities in varied kinds of liquid filtration, clarification, purification.
- The structure is designed and manufactured according to the health level, internal is no dead corner and mirror polishing, it ensure no residual liquid and easy to clean.
- JTGDB Lenticular Filter Housing can maximal install 4 filter stacks, it can fit for big flow requirements .

产品特点

- 下进下出的结构设计，方便清洗，在进出口可配置专门的排液阀，方便排液。
- 多饼过滤器时，可选择筒体多段开口的形式，方便更换滤饼，减少滤液渗出。

Feature

- Easy to clean, the inlet/outlet can be configured special discharge valve, easy to drain.
- Easy to replace the filter stacks, reduce the filter medium leakage.

典型的应用

- 酒类，糖浆，啤酒的微生物和固体过滤。
- 果汁和果汁浓缩灌装前的终端过滤。
- 果汁膜过滤之前的预过滤。
- 酒类，酶溶解，液体胶质，橄榄油的澄清过滤。
- 医药，化工，电子过滤。

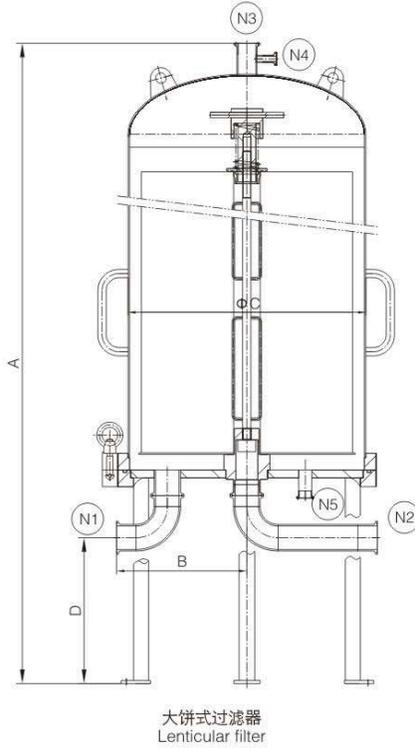


Application

- Microbe and solid filtration of alcohol, syrup, beer.
- End filtration of fruit juice and juice concentrate.
- Pre filtering of juice membrane filtration.
- Clarification of alcohol, enzyme dissolution, liquid gum, olive oil.
- Pharmaceutical, chemical, electronic filtration.



常规结构 Structure



操作条件 Operating Conditions

最大操作压力 Max operating pressure	0.6MPa
最大操作温度 Max operating temperature	150°C
灭菌 Disinfect	在线或蒸汽灭菌: 121°C/30min Online or steam sterilization: 121°C/30min

材料 Material

过滤器壳体 Shell	304、316L
排气/液阀 Vent/ Drain valve	304、316L
吊环螺栓 Eyebolt	304
支脚 Stabilizer blade	304
密封圈、垫片 O-ring	三元乙丙橡胶、聚四氟乙烯、 氟橡胶、硅橡胶 EPDM, PTFE, Viton, Silicone

连接 Connection

壳体连接 Connection of shell	法兰 Flange
进出口N1、N2 In-outlet	法兰/快装/螺纹 Flange, Tri-clamp, Thread
压力表N3(选配) N3 Pressure gauge (option)	1.5"快装 Tri-clamp
排液阀N4(选配) N4 Drain valve (option)	1"快装 Tri-clamp
排气阀N5(选配) N5 Vent valve (option)	1/2"快装 Tri-clamp

表面处理 Surface Finish

处理类型 Finish type	机械抛光、电解抛光 Mechanical/electrolytical polishing
抛光精度 Polishing precision	内壁 0.3 μm Inner surface Ra≤0.6 μm 外壁 0.4 μm Outside surface Ra≤0.8 μm

尺寸参数表 Dimension Parameters

	12"滤饼 Filter stacks				16"滤饼 Filter stacks			
	1滤饼 (B)	2滤饼 (B)	3滤饼 (B)	4滤饼 (B)	1滤饼 (B)	2滤饼 (B)	3滤饼 (B)	4滤饼 (B)
A: 总高(不含压力表) Total height	950	1210	1490	1760	960	1230	1500	1770
B: 进口中心距 The distance from inlet to center	200				250			
C: 直径 Shell diameter	Φ325				Φ450			
D: 进出口N1、N2离地高度 N1, N2 The height from in-outlet to ground	280				280			
进出口N1、N2尺寸 In-outlet N1, N2 size	2"				2"			

上表数据为标准型直立式过滤器, 仅供参考, 可根据客户要求定制; 未注长度单位为mm。
The above-mentioned data is the standard, it can customize according to customer's requirements.

JTGDB 选型表 Selection Table

[滤饼数量 Qty. Of filter stacks]	[滤饼型号 Model of filter stacks]	[壳体材料 Shell material]	[进出口连接 In-outlet connection]	[密封圈 O-ring]
1B	12	4	F	E
1B=1饼 Pcs	12=12" 滤饼 Filter stacks	4= 304	F=法兰 Flange	E=三元乙丙橡胶 EPDM
2B=2饼 Pcs	16=16" 滤饼 Filter stacks	6= 316L	K=快装 Tri-clamp	P=聚四氟乙烯 PTFE
3B=3饼 Pcs			L=螺纹 Screw thread	V=氟橡胶 Viton
4B=4饼 Pcs				S=硅橡胶 Silicone