JTGKQ
空气(蒸汽)过滤器
Gas(Steam) Filter

气体除颗粒过滤器
Filter for removing particle in gas

- JTGKQ空气(蒸汽)过滤器是一款配合滤芯应用的高纯度气体除颗粒过滤器。
- 配合聚四氟乙烯高效除菌滤芯，可以应用在无菌的气体、发酵气体过滤；配合玻璃纤维滤芯，可以应用在一些高纯度气体过滤；配合不锈钢滤芯，可以解决高温气体过滤问题。
- 滤芯接头统一设计成226双密封圈卡口式，使得滤芯的密封性能更优秀。

- JTGKQ Gas(Steam) Filter Housing is a high purity particle filter using with filter cartridge for removing particle in gas.
- Using with PTFE efficient aseptic filter cartridge can be used in sterile gas and fermentation gas filtration. Using with glass fiber filter cartridge, can be used in high purity gas filtration. Using with stainless steel cartridge,can solve the problem of high Temp.air filtration.
- Filter connection unified designed to 226 double seal clamp type, to make the filter sealing performance is more outstanding.

产品特色
- 滤芯接头采用226双密封圈卡口式，确保密封。
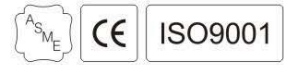- 3芯以下过滤器壳体可采用快装，更换滤芯时方便快捷。

典型的应用
- 在生物技术、医药领域的杀菌功能。
- 食品和饮料的杀菌，对加热食物的蒸汽进行过滤。
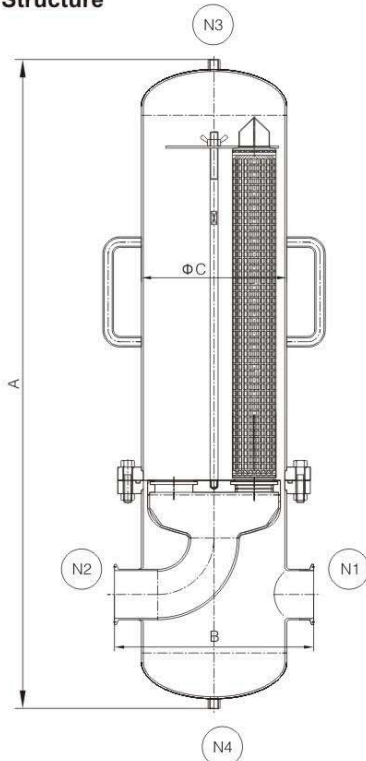- 电子行业、生物技术、制药等实验室的湿气过滤。

Feature
- Filter connection adopts 226 double seal clamp type, to ensure the sealing.
- The cartridge number under 3 the filter housing can adopt quick–open, to be convenient and quick when change cartridge.

Application
- The sterilization function in the field of biotechnology, medical.
- Sterilizing for beverage and food, filtering steam for heating food.
- Filtering dampness in laboratory such as electronics industry, biotechnology, pharmaceutical etc.

常规结构 Structure

空气(蒸汽)过滤器(226型)
Gas(Steam) Filter Housing(226 Type)

操作条件 Operating Conditions

最大操作压力 Max operating pressure	0.6MPa、1.0MPa
最大操作温度 Max operating temperture	150℃
灭菌 Disinfect	在线或蒸汽灭菌：121℃/30min Online or steam sterilization: 121℃/30min

材料 Material

过滤器壳体 Shell	304、316L
排液阀 Drain valve	304、316L
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/快装 Flange, Tri-clamp
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)	M14 x 1.5螺纹(3芯以下) M14 x 1.5 Thread(less than 3pcs)
	1/2"螺纹(5芯以下)1/2"Thread(less than 5pcs)
排液阀N4(选配) N4 Drain valve (option)	1/4"螺纹 Thread
滤芯接头形式 Cartridges connection	226型 Type

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 0.3μm Inner surface Ra≤0.6μm 外壁 0.4μm Outside surface Ra≤0.8μm

尺寸参数表 Dimension Parameters

		1芯 R				3芯 R				5芯 R				9芯 R			
		10"滤芯 Cartridge	20"滤芯 Cartridge	30"滤芯 Cartridge	40"滤芯 Cartridge	10"滤芯 Cartridge	20"滤芯 Cartridge	30"滤芯 Cartridge	40"滤芯 Cartridge	10"滤芯 Cartridge	20"滤芯 Cartridge	30"滤芯 Cartridge	40"滤芯 Cartridge	10"滤芯 Cartridge	20"滤芯 Cartridge	30"滤芯 Cartridge	40"滤芯 Cartridge
A：总高(不含压力表) Total height		550	800	1050	1300	696	946	1196	1446	728	978	1228	1478	835	1085	1335	1585
B：进出口距 The distance from inlet to center		150(快装)(Tri-clamp)				270(快装)(Tri-clamp)				270(快装)(Tri-clamp)				395(快装)(Tri-clamp)			
C：直径 Shell diameter		Φ101.6				Φ200				Φ219				Φ325			
进出口N1、N2尺寸 In-outlet N1, N2 size		1"				3"				3"				4"			

上表数据为标准型空气(蒸汽)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.

JTGKQ 选型表 Selection Table

[滤芯数量 Qty. of cartridges]	[滤芯型号 Model of filter stacks]	[壳体材料 Shell material]	[进出口连接 In-outlet connection]	[密封圈 O-ring]
5R	20	4	K	E
1R=1芯 Pcs	10=10" 滤芯 Cartridge	4= 304	F=法兰 Flange	E=三元乙丙橡胶 EPDM
3R=3芯 Pcs	20=20" 滤芯 Cartridge	6= 316L	K=快装 Tri-clamp	P=聚四氟乙烯 PTFE
5R=5芯 Pcs	30=30" 滤芯 Cartridge		L=螺纹 Screw thread	V=氟橡胶 Viton
9R=9芯 Pcs	40=40" 滤芯 Cartridge			S=硅橡胶 Silicone
12R=12芯 Pcs				