

OF系列空气过滤器

OF Series Air Filter



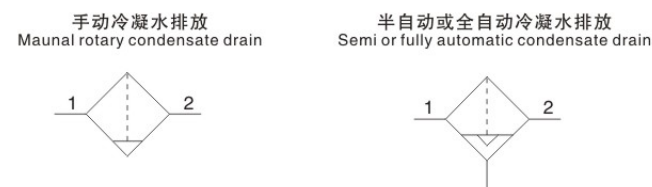
● 订购码 Ordering Code

系列 Series	基本功能 Function Code	接管口径 Port Size	过滤等级 Grade of Filtration	尺寸 Size	冷凝水排放 Condensate drain	壳体材质 Shell material
O系列 O Series	过滤器 Filter	G1/8" G1/2"	空白: 40μm	MINI	空白: 手动排水	空白: 锌合金
		G1/4" G3/4"	5M: 5μm	MIDI	H: 半自动排水	E: 铝合金
		G3/8" G1"	Blank: 40μm	MAXI	A: 全自动排水	Blank: Zinc
					Blank: Turned manually	E: Alu.
					H: Semi-automatic	
					A: Fully automatic	

● 安装与使用 Installation and use

分水过滤器能过滤空气中的液态油、冷凝水及杂质、对于特殊应用场合，5μm滤芯容易替换40μm的标准滤芯。
The F with water separator cleans the compressed air of fluid oil,condensation and dirt particles,for special application,the standard 40μm filter element may easily be replaced by a 5μm filter element.

● 图形符号 Symbol



● 规格 Specification

规格 Size	Micro					Mini			Midi				Maxi		
气接口 Pneumatic connection	M5	M7	G1/8	QS4	QS6	G1/8	G1/4	G3/8	G1/4	G3/8	G1/2	G3/4	G1/2	G3/4	G1
工作介质 Operating medium	压缩空气 Compressed air														
结构特点 Design	烧结过滤器，带离心分离 Sintered filter with centrifugal separation														
安装方式 Type of mounting	通过附件 Via accessories														
	管式安装 In-line installation														
安装位置 Assembly position	垂直 Vertical ± 5°														
过滤等级 Grade of filtration (μm)	5					5或(or)40									
最大冷凝水容积 Max.condensate volume (cm³)	3					22				43				80	
输入压力 Input pressure (bar)															
冷凝水排放 Condensate drain	手动 Turned manually					2...16									
	半自动 Semi-automatic					-									
	全自动 Fully automatic					2...12									

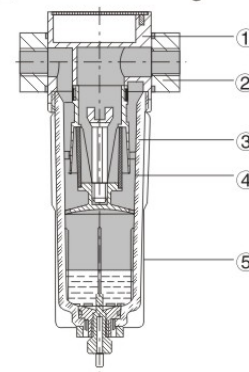
注意：该产品符合ISO1179-1和ISO228-1标准 Note: This product conforms with ISO 1179-1 standard and the ISO 228-1 standard.

● 标准额定流量 Standard nominal flow rate1)qnN[l/min]

接口 Connection	内螺纹 Female thread		连接板 Connecting plate		
	M5	M7	G1/8	QS4	QS6
Micro					
OF	170	280	290	170	280

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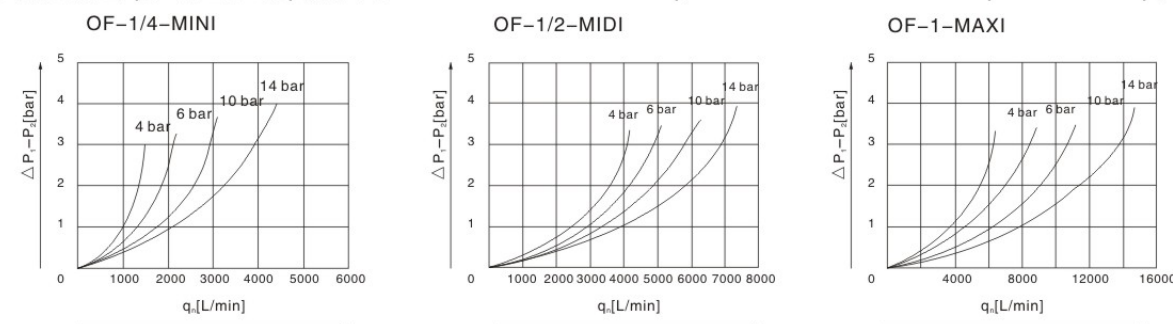
● 结构简图 Strutral Diagram



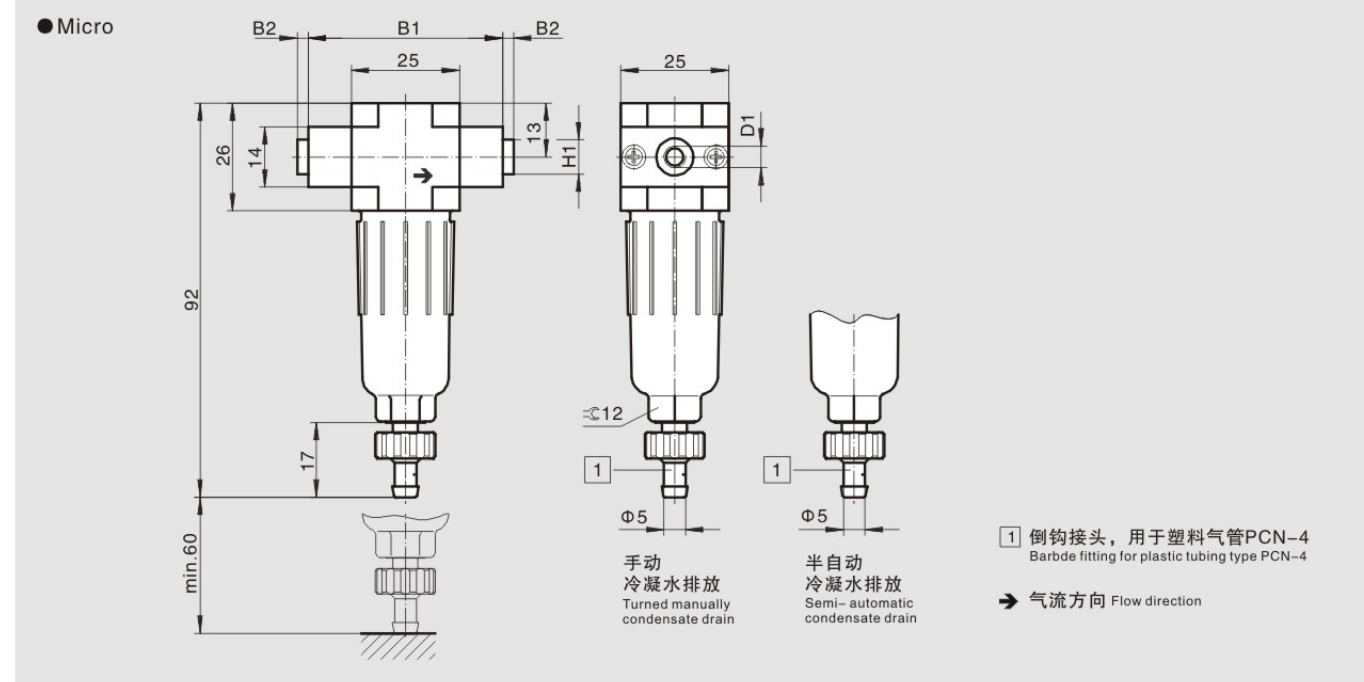
● 零件表 List of Components

序号/NO.	名称/Denomination	材料/Material
1	壳体/Casing	压铸锌/Die-casting Zinc
2	连接板/Connecting Plate	压铸锌/铝/Die-casting Aluminum
3	滤杯/Filter Bowl	聚碳酸酯/Polycarbonate
4	滤芯/Filter Element	聚乙烯/PE
5	金属保护罩/Metal Cover	铝/Aluminum
	密封件/Seal	丁腈橡胶/NBR

● 标准额定流量qn和输出压力p2的关系/Standard Flow Rate qn as Function of The Outpt Pressure p2



● 外形尺寸 Overall Dimension

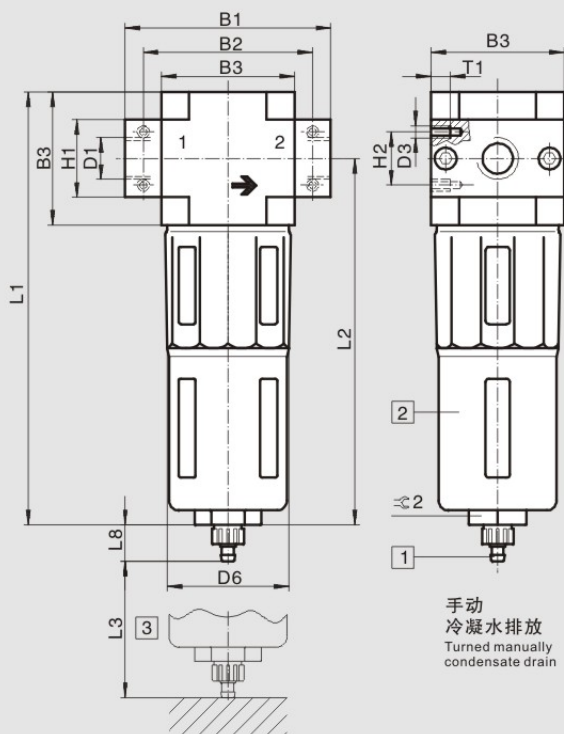


型号 Type	B1	B2	D1	H1
OF-M5-D-5M-MICRO(H)	25	-	M5	-
OF-M7-D-5M-MICRO(H) B			M7	
OF-1/8-D-5M-MICRO(H)			G1/8	
OF-QS4-D-5M-MICRO(H)	45	~2.5	QS4	~8
OF-QS6-D-5M-MICRO(H)			QS6	~10

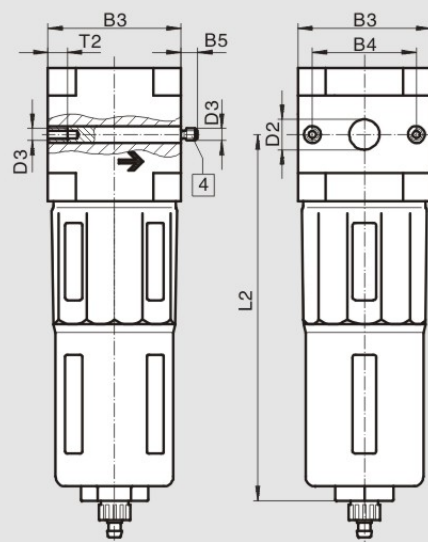
● 外形尺寸 Overall Dimension

● Mini/Midi/Maxi

带螺纹连接板 With threaded connectin plates



不带螺纹连接板 Without threaded connecting plates



1 倒钩接头, 用于塑料气管PCN-4
Barbed fitting for plastic tubing type PCN-4

2 金属保护罩
Metal bowl guard

4 螺纹销(可互换)
Threaded pin(exchangeable)

→ 气流方向 Flow direction

3 安装尺寸
Installation dimensions

型号 Type	B1	B2	B3	B4	B5	D1	D2Φ	D3	D6Φ	H1	H2	L1	L2	L3	L8	L9	T1	≈1	≈2
Mini																			
OF-1/8-D-MINI	64	52	40	30	-	G1/8	-	M4	38	20	11	144	124	60	15	19	7	-	22
OF-1/4-D-MINI						G1/4													
OF-3/8-D-MINI	70					G3/8													
OF-D-MINI	-	-			5.8	-	11			-	-						-	10	
Midi																			
OF-1/4-D-MIDI	85	70	55	43	-	G1/4	-	M5	52	32	22	179	151	80	15	19	8	-	24
OF-3/8-D-MIDI						G3/8													
OF-1/2-D-MIDI						G1/2													
OF-3/4-D-MIDI						G3/4													
OF-D-MIDI	-	-			6.8	-	24			-	-						-	11	
Maxi																			
OF-1/2-D-MAXI	96	80	66	46	-	G1/2	-	M5	65	32	22	203	170	90	15	19	8	-	24
OF-3/4-D-MAXI						G3/4													
OF-1-D-MAXI	116	61				G1				40									
OF-D-MAXI	-	-			6.8	-	30			-	-						-	11	

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