

OU系列气源处理件

OU Series Air Source Treatment unit



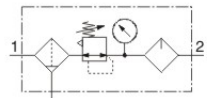
● 订购码 Ordering Code

系列 Series	基本功能 Function Code	接管口径 Port Size	过滤等级 Grade of Filtration	工作压力 Working Pressure	尺寸 Size	冷凝水排放 Condensate drain	壳体材质 Shell material
O系列 O Series	二联件 FR.L Combination	G1/8" G1/2"	空白: 40μm Blank: 40μm	空白: 12bar Blank: 12bar	MINI	空白: 手动排水 H: 半自动排水 A: 全自动排水 Blank: Turned manually H: Semi-automatic A: Fully automatic	空白: 锌合金 E: 铝合金 Blank: Zinc E: Alu.
		G1/4" G3/4"	5M: 5μm	7: 7bar	MIDI		
		G3/8" G1"			MAXI		

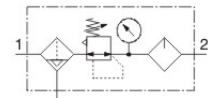
● 安装与使用/Installation and use

OU型三联件有一个F1型过滤减压阀和一个L型油雾组合，这些元件可以分别订购，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。即使输入压力与压缩空气消耗产生系统波动，减压阀也能保证其设定的工作压力非常稳定。油雾器可以均匀地向过滤空气中喷雾，其油雾量与空气流量成正比，并可不停气加油，可通过调节螺钉调节滴油量，通常每1000L空气中含有1-12滴就足够了。The OU consisted of F1 and L, each unit can be ordered separately. 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. The R maintain imputting constant operating pressure despite fluctuation in line pressure and the amount of air consumed. The proportional lubricator adds a regulated quantity of oil to the filtered air. The oil-mist content propotional to the flow and oil can be added during operation. The oil drip tate is controlled by the adjustable knob. Normally, 1 to 12 drops/1000L of the air is suffcient

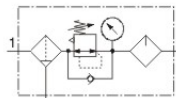
● 图形符号 Symbol



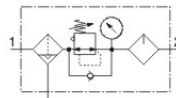
OU-...-MICRO/MINI/MIDI
手动冷凝水排放，带压力表
Manual rotary condensate drain,
with pressur gauge



半自动或全自动冷凝水排放，带压力
Semi or fully automatic condensate drain,
with pressur gauge



OU-...-MAXI手动
冷凝水排放，带压力表
Manual rotary condensate drain,
with pressur gauge

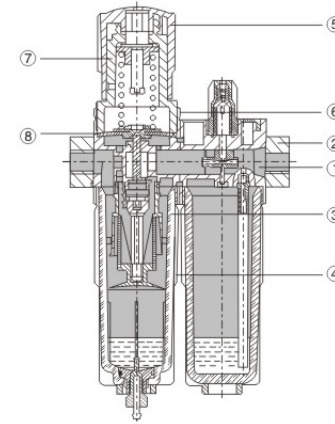


全自动冷凝水排放，带压力表。
Fully automatic condensate drain,
with pressur gauge

● 规格 Specification

规格 Size	Mini			Midi				Maxi		
气接口 Pneumatic connection	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	过滤减压阀，带/不带压力表 Filter regulator with/without pressure gauge									
	比例标准油雾器 Proportional standard mist lubricator									
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°									
减压阀锁具 Regulator lock	旋转手柄，带锁定 Rotary knob with lock									
	旋转手柄，带集成锁具 Rotary knob with lock									
过滤等级 Grade of filtration (μm)	5或(or)40									
最大迟滞 Max.hysteresis (bar)	0.2							0.4		
压力调节范围 Pressure regulation range (bar)	0.5...7									
	0.5...12									
压力显示 Pressure indication	通过压力表 Via pressure gauge									
	G1/8预置 Prepared			G1/4预置 Prepared				G1/4预置 Prepared		
最大冷凝水容积 Max.condensate volume (cm³)	22			43				80		
输入压力 Input pressure (bar)										
冷凝水排放 Condensate drain	手动 Turnde manually					2...16				
	半自动 Semi-automatic					-				
	全自动 Fully automatic					2...12				

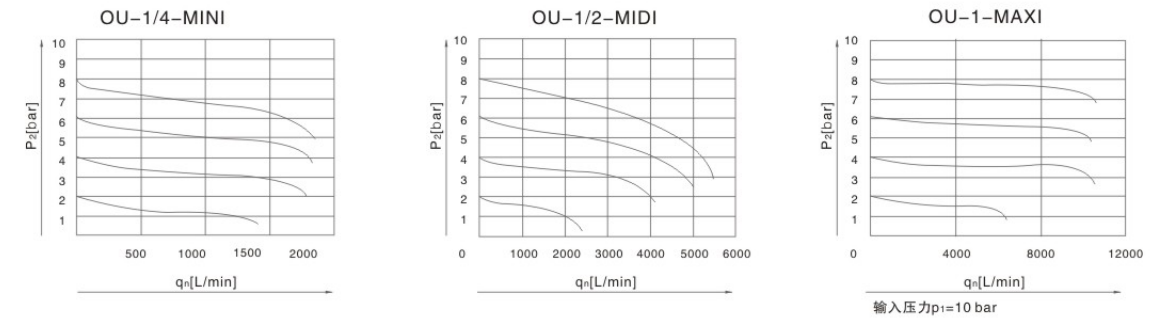
● 结构简图 Structral Diagram



● 零件表/List of Components

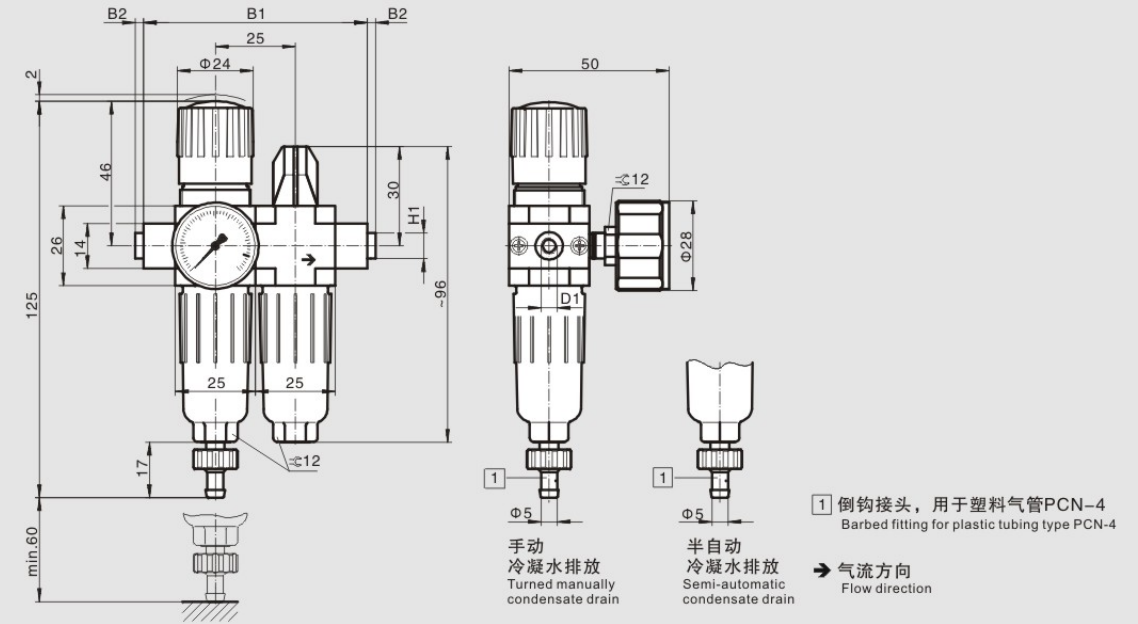
序号/No.	名称/Denomination	材料/Material
1	壳体/Casing	压铸锌合金/Die-casting Zinc Alloy
2	连接板/Connecting Plate	压铸锌合金/铝/Die-casting Aluminum Alloy
3	滤杯/Filter Bowl	聚碳酸酯/Polycarbonate
4	保护罩/Protecting Cover	铝/Aluminum
5	调压手轮/Adjustable knob	聚甲醛/POM
6	滚花螺母/Knurled Nut	铝/Aluminum
7	阀盖/Valve Cover	聚甲醛/POM
8	隔膜/Diaphragm	丁腈橡胶/NBR
	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

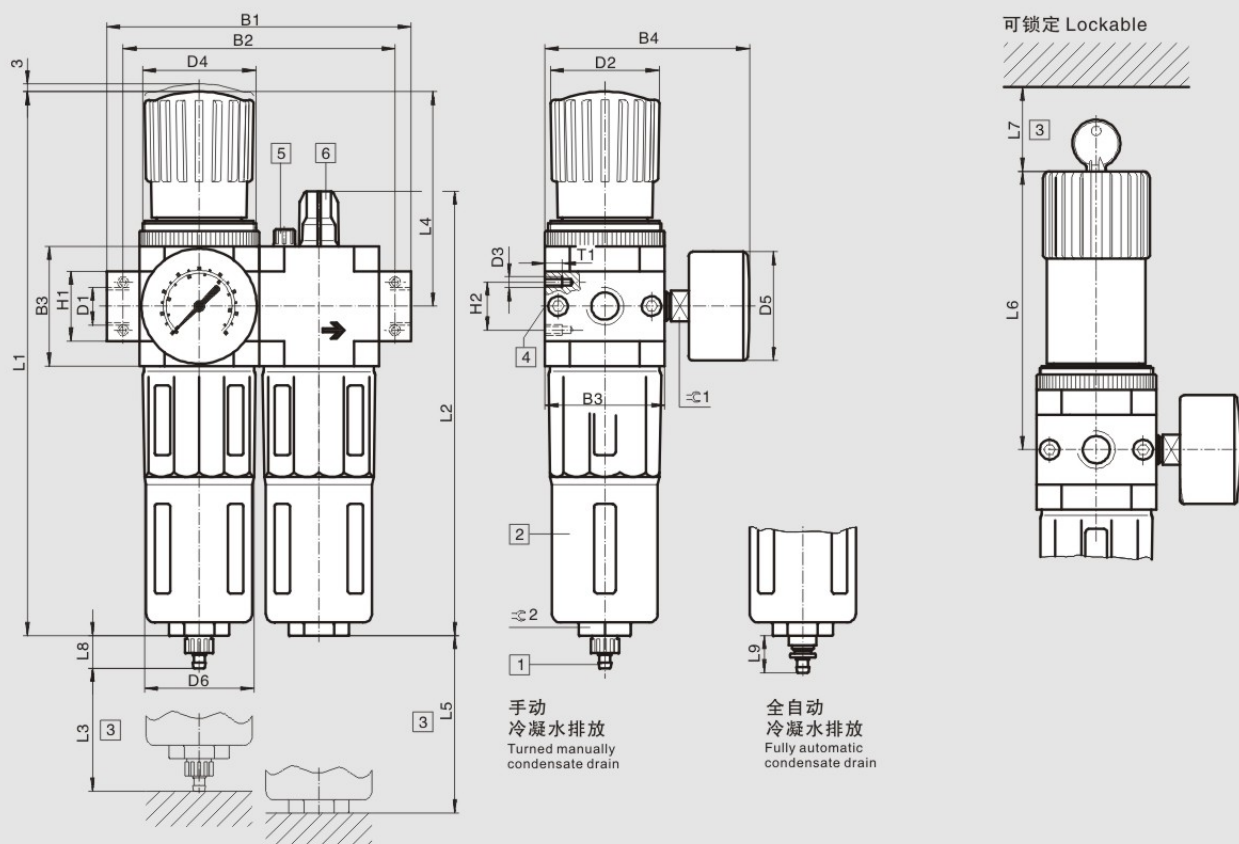


● 外形尺寸 Overall Dimension

● Micro



型号 Type	B1	B2	D1	H1
OU-M5-D-7-5M-MICRO(H)	50	-	M5	-
OU-M7-D-7-5M-MICRO(H)B			M7	
OU-1/8-D-7-5M-MICRO(H)			G1/8	
OU-QS4-D-7-5M-MICRO(H)	70	~2.5	QS4	~8
OU-QS6-D-7-5M-MICRO(H)			QS6	~10

● 外形尺寸 Overall Dimension
● Mini/Midi/Maxi


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

3 安装尺寸
Installation dimensions

5 带孔螺丝，用于油罐
Bleed screw for oil reservoir

➔ 气流方向 Flow direction

2 金属保护罩
Metal bowl guard

4 第二压力表接口
Second pressure gauge connection

6 油量调节螺丝
Oil adjusting screw

型号 Type	B1	B2	B3	B4	D1	D2Φ	D3	D4	D5Φ	D6Φ	H1	H2	L1	L2	L3	L4	L5	L6	L7	L8	L9	T1	±1	±2
Mini																								
OU-1/8-D-MINI	104	92	40	76	G1/8	31	M4	M36×1.5	41	38	20	11	193	169	60	69	100	98	60	15	19	7	14	22
OU-1/4-D-MINI					G1/4																			
OU-3/8-D-MINII					G3/8																			
Midi																								
OU-1/4-D-MIDI	140	125	55	95	G1/4	50	M5	M52×1.5	50	52	32	22	250	204	80	99	120	130	60	15	19	8	14	24
OU-3/8-D-MIDI					G3/8																			
OU-1/2-D-MIDI					G1/2																			
OU-3/4-D-MIDI					G3/4																			
Maxi																								
OU-1/2-D-MAXL	162	146	66	107	G1/2	31	M5	M36×1.5	50	65	32	22	252	228	90	82	150	111	60	15	19	8	14	24
OU-1/2-D-DI-MAXL					49	M52×1.5		105					135											
OU-3/4-D-MAXL					31	M36×1.5		82					111											
OU-3/4-D-DI-MAXL					49	M52×1.5		105					135											
OU-1-D-MAXL	182	157			G1	31		M36×1.5			40		252			82		111						
OU-1-D-DI-MAXL					49	M52×1.5		105					135											

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.