

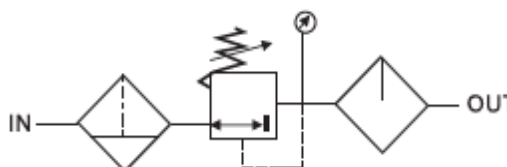
OU Series FR.L Combination:



1.Ordering Code :

OU	-	MINI	-	1/4	-	□
↑		↑		↑		↑
Model		Body size		Port size		Blank: Manual
FR.L Combination		MINI		1/8: G1/8		D:With Autodrain
		MIDI		1/4: G1/4		
		MAXI		3/8: G3/8		
				1/2: G1/2		
				3/4: G3/4		
				1: G1		

Graphic Symbol



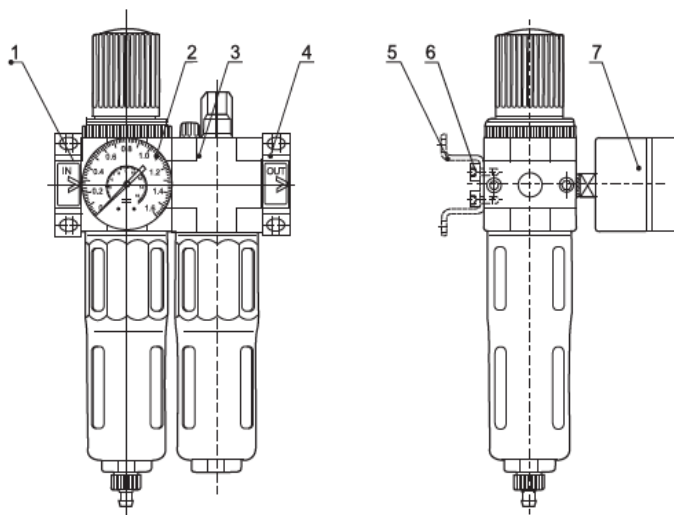
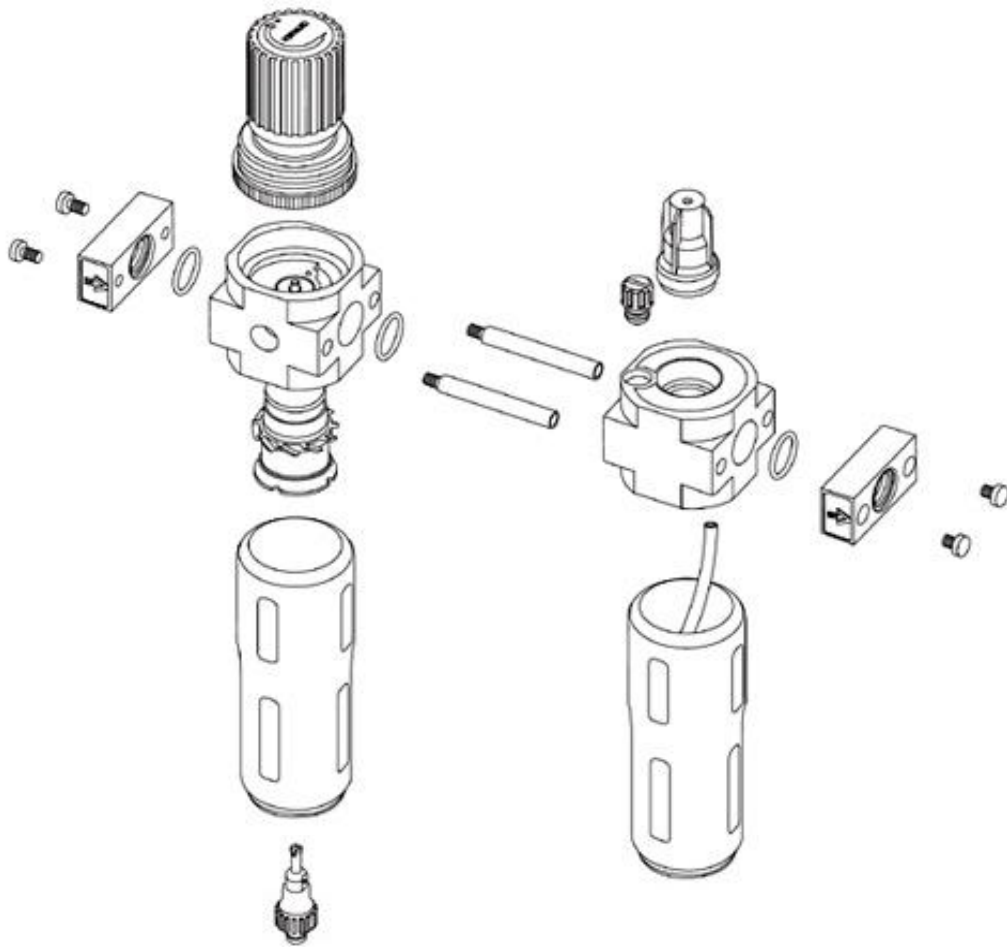
2.Characteristics:

- 1) The series OU is consisted of OFR and OL, each unit can be ordered separately.
- 2) The OF with water separate 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.
- 3) The OR maintain imputting constant operating pressure despite fluctuation in line pressure&the amount of air consumed.
- 4) The proportional lubricator adds a regulated quantity of oil to the filtered air.
The oil-mist content proportional to the flow and oil can be added during operation.
The oil drip rate is controlled by the adjustable bolt.Normally,1to 12 drops /1000L of the air is sufficient.
- 5) Different thread type can be offered according to customers' requirements, e.g.: PT, NPT etc.

3.Specification:

Boby size	MINI			MIDI			MAXI	
	Model	OU-MINI-1/8	OU-MINI-1/4	OU-MINI-3/8	OU-MIDI-3/8	OU-MIDI-1/2	OU-MIDI-3/4	OU-MAXI-3/4
Applicable medium	Compressed Air							
Mounting type	Pipe mounting or foot mounting							
Assembly position	Vertical ±5°							
Working pressure range	0.05~1.2 MPa							
Temperature range	0°C~60°C							
Nominal flow rate(40µm) L/min	700	1000	1200	2000	2600	2600	7000	8000
Nominal flow rate(5µm) L/min	600	850	1050	1700	1800	2100	6500	7200
Grade of filtration	40µm/5µm							
Capacity of condensate fluid	22ml			43ml			80ml	
Min. Standard nominal flow rate	3L/min			6L/min			10L/min	
Port size	G1/8	G1/4	G3/8	G3/8	G1/2	G3/4	G3/4	G1

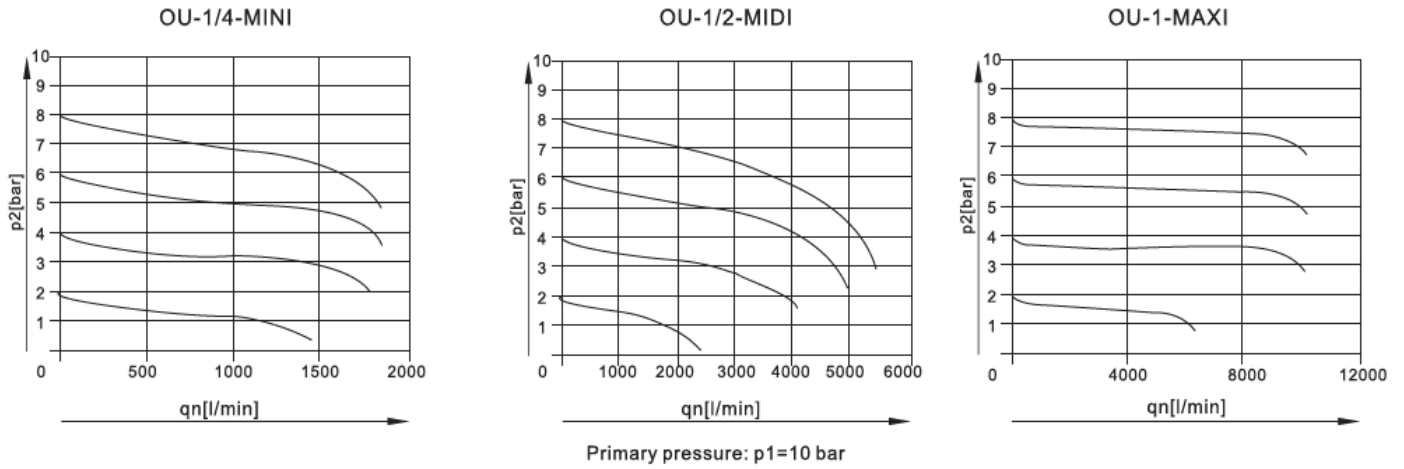
4. Internal Structure:



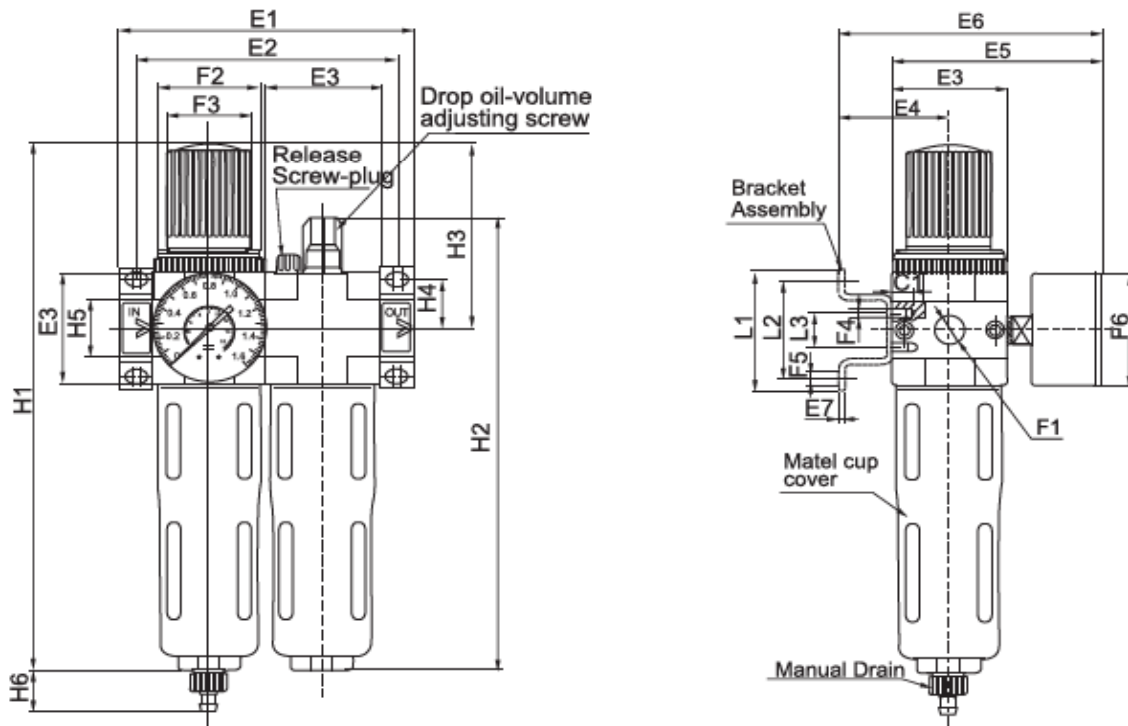
NO	Item	Material
1	Flange-IN	Zinc alloy
2	Filter + Regulator	
3	Lubricator	
4	Flange - OUT	Zinc alloy
5	Bracket	SPCC
6	Allen screw	S35C
7	Pressure guage	

5. Flow rate diagram:

Standard flow rate q_n as a function of the output pressure p_2 .



6. Overall and Dimension Sheet:



Model	E1	E2	E3	E4	E5	E6	E7	F1	F2
OU-MINI	104	92	40	39	76	95	2	G1/8 ,G1/4 ,G3/8	M36×1.5
OU-MIDI	140	125	55	47	93	112	3	G1/8 ,G1/2 ,G3/4	M52×1.5
OU-MAXI	162,182	146,157	66	53	104	124	3	G3/4 ,G1	M36×1.5

Model	F3Φ	F4	F5Φ	F6Φ	L1	L2	L3	H1	H2	H3	H4	H5	H6
OU-MINI	31	M4	4.5	40	44	35	11	194	169	69	17.5	20	15
OU-MIDI	50	M5	5.5	52	71	60	22	250	206	97	24.5	32	15
OU-MAXI	31	M5	5.5	63	71	60	22	252	223	80	24.5	32,40	15