

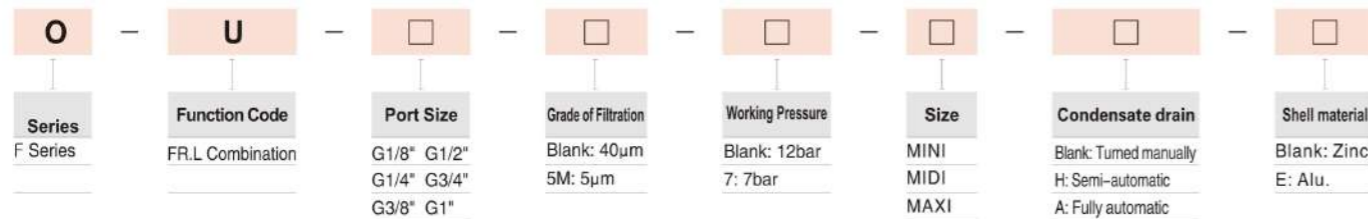


Offers the OU series air source treatment, The OU regulates the compressed air supplied to the set working pressure and compensates for fluctuations in pressure. The OF with water separator cleans the compressed air of fluid oil, condensation and dirt particles. Precision pressure regulating valve is a necessary part of pneumatic control valve. Its main function is to reduce the pressure of the air source and stabilize it to a certain value, so as to enable the control valve to obtain a stable pneumatic power for regulation and control.

Attention:

1. Use shut-off valve for making the system pressure less for fitting and maintenance(e.g.when changing the filter).
2. Note the direction of flow. This can be seen on the connecting flanges.
3. Leave sufficient space below the filter bowl(min.130mm)for changing the filter.
4. Adjust the OF vertically($\pm 5^\circ$).

How To Order

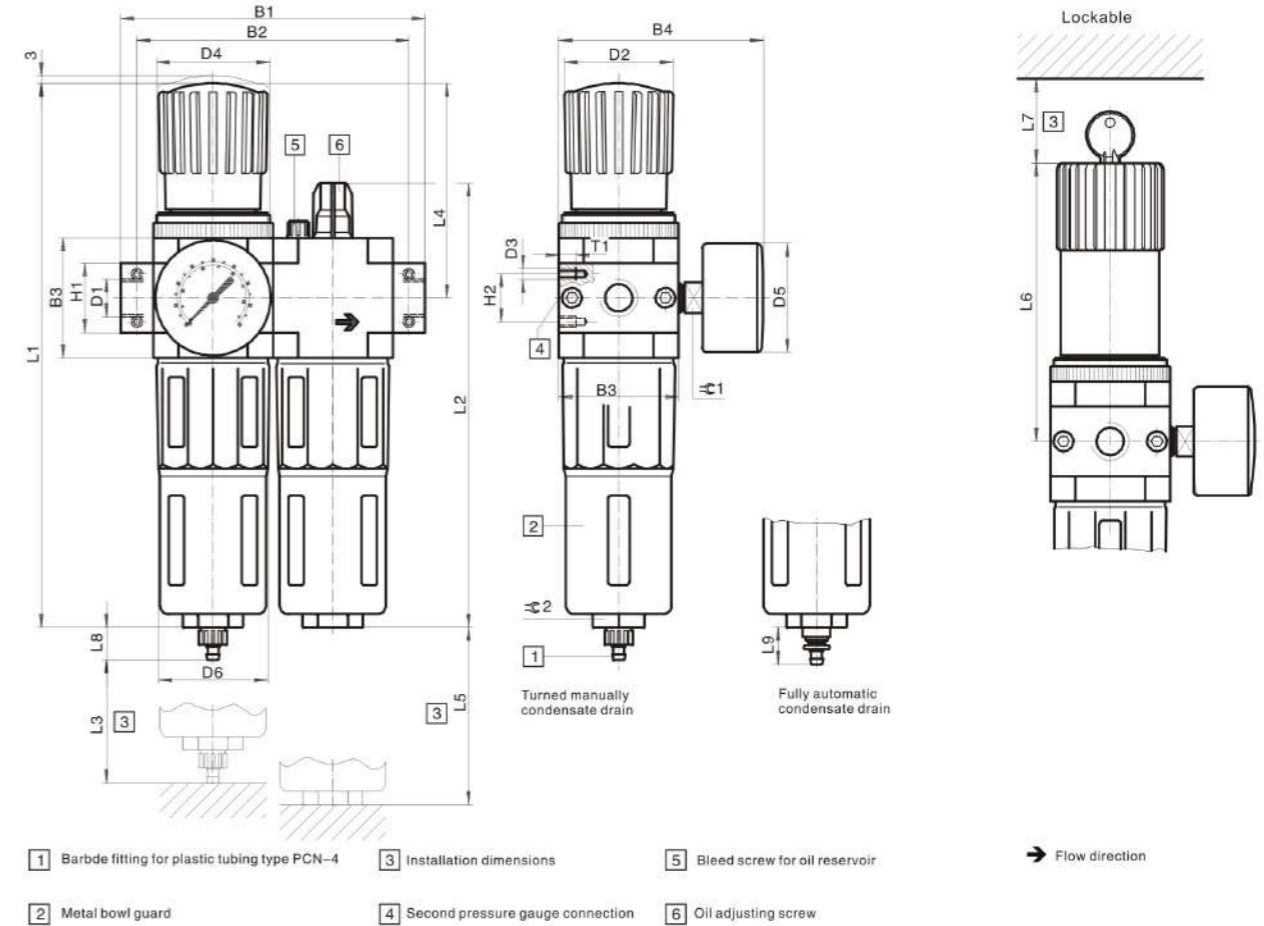


Specification:

Size	Mini			Midi			Maxi			
Pneumatic connection	G1/8	G1/4	G3/8	G1/4	G3/8	G1/2	G3/4	G1/2	G3/4	G1
Operating medium	Compressed air									
Design	Filter regulator with/without pressure gauge Proportional standard mist lubricator									
Type of mounting	Via accessories In-line installation									
Assembly position	Vertical $\pm 5^\circ$									
Regulator lock	Rotary knob with lock Rotary knob with lock									
Grade of filtration (μ m)	5 or 40									
Max.hysteresis (bar)	0.2									
Pressure regulation range (bar)	0.5...7 0.5...12									
Pressure indication	Via pressure gauge									
	G1/8 Prepared			G1/4 Prepared			G1/4 Prepared			
Max.condensate volume (cm ³)	22			43			80			
Input pressure (bar)										
Condensate drain	Turned manually									
	Semi-automatic									
	Fully automatic									

Overall Dimension:

Mini/Midi/Maxi



Dimensions:

Type	B1	B2	B3	B4	D1	D2 Φ	D3	D4	D5 Φ	D6 Φ	H1	H2	L1	L2	L3	L4	L5	L6	L7	L8	L9	T1	$\leq C1$	$\leq C2$
Mini																								
OU-1/8-D-MINI					G1/8																			
OU-1/4-D-MINI	104	92	40	76	G1/4	31	M4	M36 x 1.5	41	38	20	11	193	169	60	69	100	98	60	15	19	7	14	22
OU-3/8-D-MINI	110				G3/8																			
Midi																								
OU-1/4-D-MIDI					G1/4																			
OU-3/8-D-MIDI	140	125	55	95	G3/8	50	M5	M52 x 1.5	50	52	32	22	250	204	80	99	120	130	60	15	19	8	14	24
OU-1/2-D-MIDI					G1/2																			
OU-3/4-D-MIDI					G3/4																			
Maxi																								
OU-1/2-D-MAXL					G1/2	31		M36 x 1.5						252				82		111				
OU-1/2-D-DI-MAXL						49		M52 x 1.5						275				105		135				
OU-3/4-D-MAXL	162	146			G3/4	31		M36 x 1.5						252				82		111				
OU-3/4-D-DI-MAXL			66	107		49	M5	M52 x 1.5	50	65	32	22	275	228	90	105	150	135	60	15	19	8	14	24
OU-1-D-MAXL					G1	31		M36 x 1.5						252				82		111				
OU-1-D-DI-MAXL	182	157				49		M52 x 1.5			40			275				105		135				

Note: This product conforms with ISO 1179-1 standard and the ISO 228-1 standard.



Offers the OFR series Filter pressure regulating valve. It works by supplying compressed air to a set operating pressure and compensating for pressure fluctuations. The fluid oil, condensate and dirt in compressed air are cleaned by water separator. Precision pressure regulating valve is a necessary part of pneumatic control valve. Its main function is to reduce the pressure of the air source and stabilize it to a certain value, so as to enable the control valve to obtain a stable pneumatic power for regulation and control.

Attention:

1. Use shut-off valve for making the system pressure less for fitting and maintenance(e.g.when changing the filter).
2. Note the direction of flow. This can be seen on the connecting flanges.
3. Leave sufficient space below the filter bowl(min.130mm)for changing the filter.
4. Adjust the OF vertically($\pm 5^\circ$).

How To Order

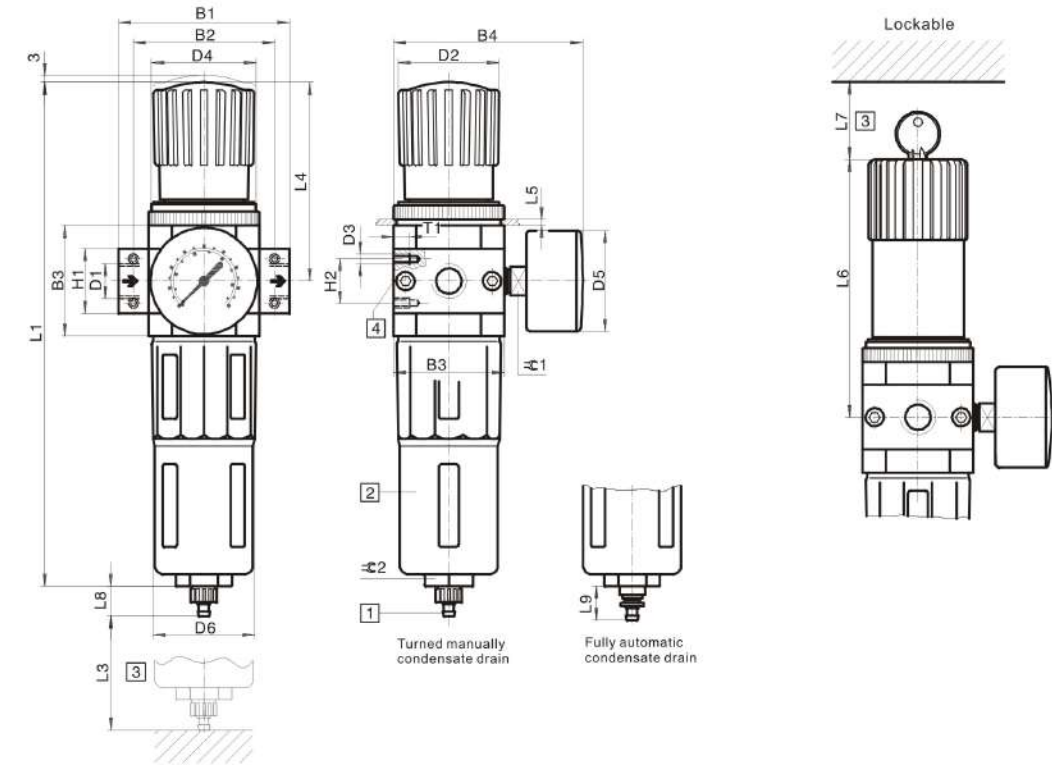
O	FR						
Series	Function Code	Port Size	Grade of Filtration	Working Pressure	Size	Condensate drain	Shell material
O Series	Filter&Regulator	G1/8" G1/2" G1/4" G3/4" G3/8" G1"	Blank: 40 μ m 5M: 5 μ m	Blank: 12bar 7: 7bar	MINI MIDI MAXI	Blank: Turned manually H: Semi-automatic A: Fully automatic	Blank: Zinc E: Alu.

Specification:

Size	Micro				Mini			Midi				Maxi								
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					
Operating medium	Compressed air																			
Design	Filter regulator with/without pressure gauge																			
Type of mounting	Via accessories In-line installation																			
Assembly position	Vertical $\pm 5^\circ$																			
Regulator lock	Rotary knob with lock																			
Grade of filtration (μ m)	5					5 or 40														
Max.hysteresis (bar)	0.3					0.2					0.4									
Pressure regulation range (bar)	0.5...7					0.5...7					0.5...12									
Pressure indication	Via pressure gauge																			
	M5 Prepared					G1/8 Prepared					G1/4 Prepared									
Max.condensate volume (cm ³)	3					22					43					80				
Input pressure (bar)	1...10																			
Condensate drain	Turned manually					2...16														
	Semi-automatic					-														
	Fully automatic					2...12														

Overall Dimension:

Mini/Midi/Maxi



- 1 Barbed fitting for plastic tubing type PCN-4
 - 2 Metal bowl guard
 - 3 Installation dimensions
 - 4 Second pressure gauge connection
- Flow direction

Dimensions:

Type	B1	B2	B3	B4	D1	D2 ϕ	D3	D4	D5 ϕ	D6 ϕ	H1	H2	L1	L3	L4	L5 _{max.}	L6	L7	L8	L9	T1	≤ 2	≤ 2
Mini																							
OFR-1/8-D-MINI					G1/8																		
OFR-1/4-D-MINI	64	52	40	76	G1/4	31	M4	M36 x 1.5	41	38	20	11	193	60	68	3	98	60	15	19	7	14	22
OFR-3/8-D-MINI	70				G3/8																		
Midi																							
OFR-1/4-D-MIDI					G1/4																		
OFR-3/8-D-MIDI	85	70	55	95	G3/8	50	M5	M52 x 1.5	50	52	32	22	250	80	99	5	130	60	15	19	8	14	24
OFR-1/2-D-MIDI					G1/2																		
OFR-3/4-D-MIDI					G3/4																		
Maxi																							
OFR-1/2-D-MAXL					G1/2	31		M36 x 1.5															
OFR-1/2-DI-MAXL	96	80				49		M52 x 1.5															
OFR-3/4-D-MAXL					G3/4	31		M36 x 1.5															
OFR-3/4-DI-MAXL			66	107		49	M5	M52 x 1.5	50	65	32	22	275	90	105	4	135	60	15	19	8	14	24
OFR-1-D-MAXL					G1	31		M36 x 1.5															
OFR-1-DI-MAXL	116	91				49		M52 x 1.5			40												

Note: This product conforms with ISO 1179-1 standard and the ISO 228-1 standard.

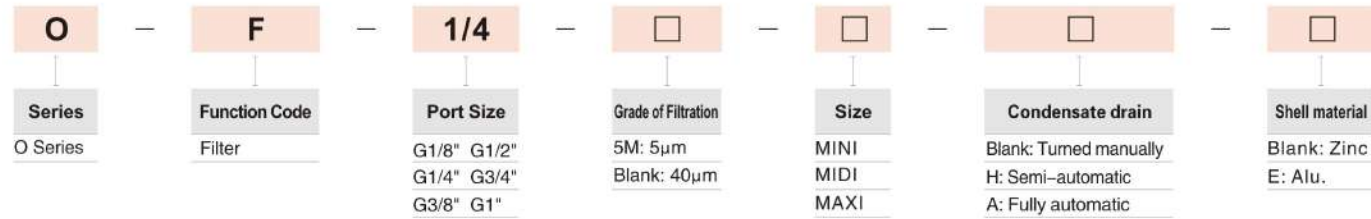


Offers the OF series filter. The OF with water separator cleans the compressed air of fluid oil, condensation and dirt particles. The filter is a necessary part of pneumatic control valve. Its main function is to reduce the pressure of the air source and stabilize it to a certain value, so as to enable the control valve to obtain a stable pneumatic power for regulation and control.

Attention:

1. Use shut-off valve for making the system pressure less for fitting and maintenance(e.g. when changing the filter).
2. Note the direction of flow. This can be seen on the connecting flanges.
3. Leave sufficient space below the filter bowl(min. 130mm)for changing the filter.
4. Adjust the OF vertically($\pm 5^\circ$).

How To Order



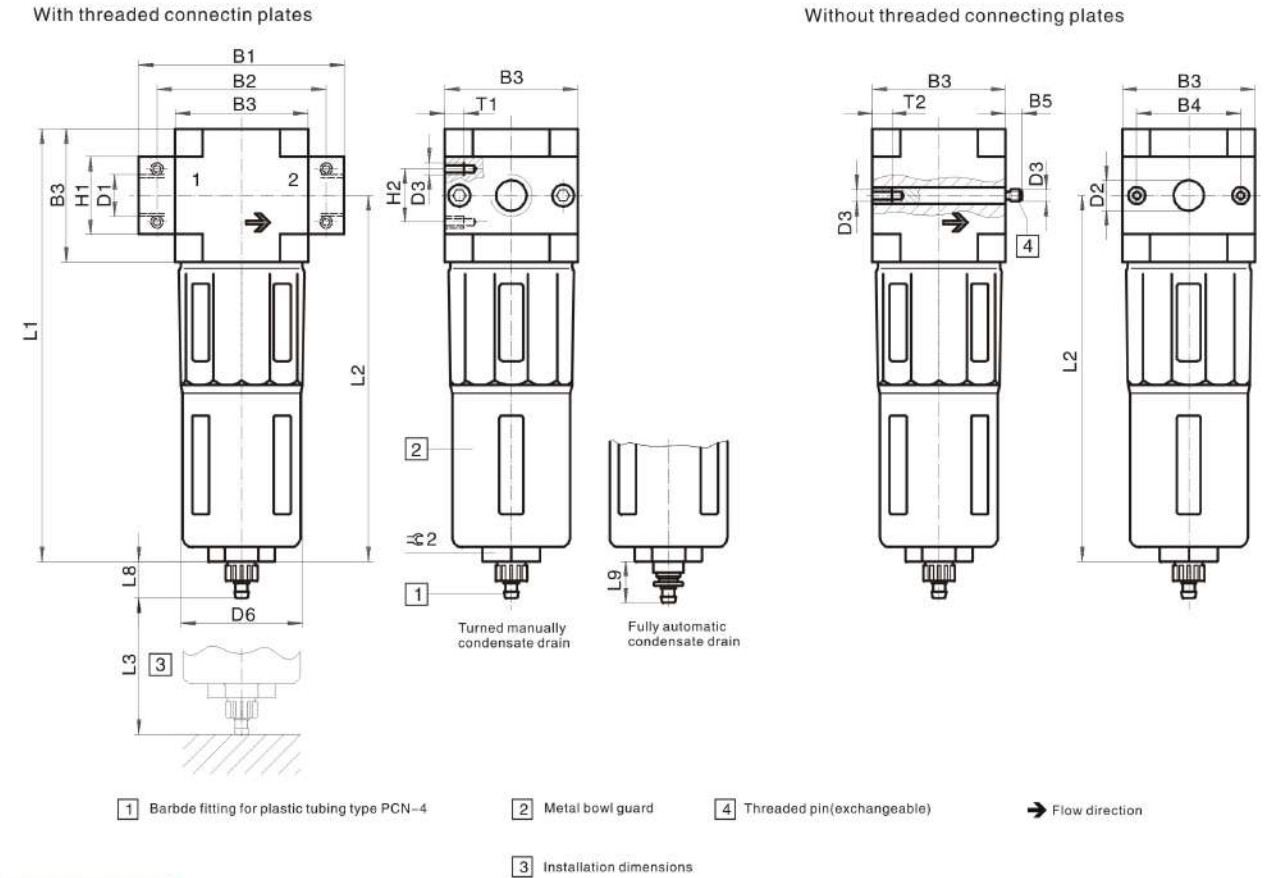
Specification:

Size	Micro				Mini			Midi				Maxi			
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
Operating medium	Compressed air														
Design	Sintered filter with centrifugal separation														
Type of mounting	Via accessories														
Assembly position	In-line installation														
Grade of filtration (µm)	5				5 or 40										
Max.condensate volume (cm ³)	3				22			43				80			
Input pressure (bar)															
Condensate drain	Turned manually	1...10				2...16									
	Semi-automatic	1...10				-									
	Fully automatic	-				2...12									

Note: This product conforms with ISO 1179-1 standard and the ISO 228-1 standard.

Overall Dimension:

Mini/Midi/Maxi



Dimensions:

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						G1/8													
OF-1/4-D-MINI	64	52	40	30	-	G1/4	-	M4	38	20	11	144	124	60	15	19	7	-	22
OF-3/8-D-MINI	70					G3/8													
OF-D-MINI	-	-			5.8	-	11			-	-							10	
Midi																			
OF-1/4-D-MIDI						G1/4													
OF-3/8-D-MIDI	85	70	55	43	-	G3/8	-	M5	52	32	22	179	151	80	15	19	8	-	24
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						G1/2													
OF-3/4-D-MAXI	96	80	66	46	-	G3/4	-	M5	65	32	22	203	170	90	15	19	8	-	24
OF-1-D-MAXI	116	61				G1				40									
OF-D-MAXI	-	-			6.8	-	30			-	-							11	

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.



Offers OR Regulator. The structure of this type regulator is delicate and compact, which is convenient for installation and application. The pressed-in and self-locking mechanism function can prevent the abnormal movement of the set pressure caused by external interfere.

Attention:

1. Always keep the regulator clean.
2. Always pressurize a regulator slowly, while standing with the cylinder valve between you and the regulator.
3. Never swap gauges or inlet fittings, and never change gas service.
4. Never lubricate a regulator or use pipe dopes. This includes inlet fittings which are intended to be installed dry.

How To Order

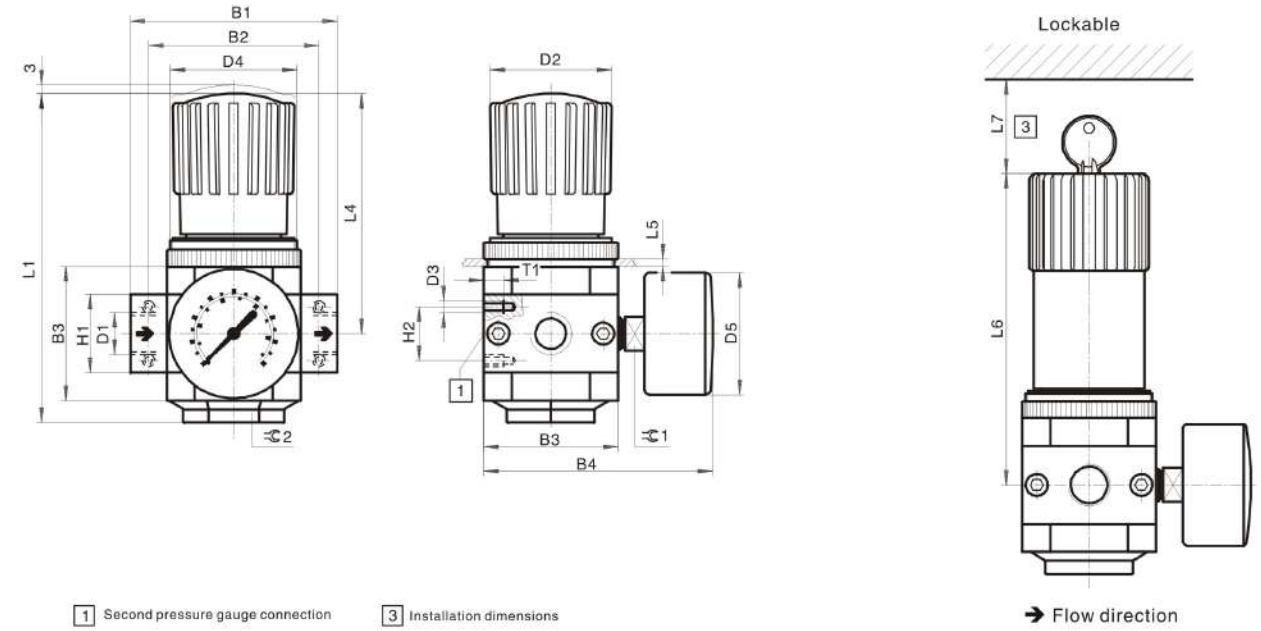
O	R	1/4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Series	Function Code	Port Size	Working Pressure	Size	Shell material
O Series	Regulator	G1/8" G1/2" G1/4" G3/4" G3/8" G1"	Blank: 12bar 7: 7bar	MINI MIDI MAXI	Blank: Zinc E: Alu.

Specification:

Size	Micro				Mini			Midi				Maxi					
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		
Operating medium	Compressed air					Filtered compressed air, lubricated or unlubricated, grade of filtration 40 µm											
Design	Directly actuated diaphragm regulator					Directly actuated diaphragm regulator								Pilot actuated piston regulator			
														Directly actuated diaphragm regulator			
ype of mounting	Via accessories																
	In-line installation																
	Front panel mounting																
Assembly position	Any																
Regulator lock	Rotary knob with lock					-											
	-					Rotary knob with lock											
Input pressure (bar)	1...10					1...16											
Max.hysteresis (bar)	0.3					0.2								0.4			
Pressure regulation range (bar)	0.5...7					0.5...7			0.5...12								
Pressure indication	Via pressure gauge																
	M5 Prepared					G1/8 Prepared			G1/4 Prepared				G1/4 Prepared				

Overall Dimension:

Mini/Midi/Maxi



1 Second pressure gauge connection

3 Installation dimensions

Dimensions:

Type	B1	B2	B3	B4	D1	D2φ	D3	D4	D5φ	H1	H2	L1	L4	L5 max.	L6	L7	T1	±1	±2	
Mini																				
OR-1/8-D(1)-MINI					G1/8															
OR-1/4-D(1)-MINI	64	52	40	76	G1/4	31	M4	M36 × 1.5	41	20	11	96	68	3	98	60	7	14	22	
OR-3/8-D(1)-MINI	70				G3/8															
Midi																				
OR-1/4-D(1)-MIDI					G1/4															
OR-3/8-D(1)-MIDI	85	70	55	95	G3/8	50	M5	M52 × 1.5	50	32	22	135	99	5	130	60	8	14	24	
OR-1/2-D(1)-MIDI					G1/2															
OR-3/4-D(1)-MIDI					G3/4															
Maxi																				
OR-1/2-D-MAXL					G1/2	31		M36 × 1.5				125	82			111				
OR-1/2-D-DI-MAXL						49		M52 × 1.5				148	105			135				
OR-3/4-D-MAXL	96	80			G3/4	31		M36 × 1.5				125	82			111				
OR-3/4-D-DI-MAXL			66	107		49	M5	M52 × 1.5	50	32	22	148	105	4		135	60	8	14	24
OR-1-D-MAXL					G1	31		M36 × 1.5				125	82			111				
OR-1-D-DI-MAXL	116	91				49		M52 × 1.5		40		148	105			135				

Note: This product conforms with ISO 1179-1 standard and the ISO 228-1 standard.



Offers Air Lubricator. Lubricator can add a precision adjustable quantity of oil to the compressed air stream. A valve maintains oil mist content proportional to the compressed oil flow. The pressure drop that occurs when the air flow through a sight feed oil cup delivers oil from the bowl to the sight oil indicator. The drop of the oil flows into the air channel when it is atomized.

Attention:

1. The oil level in the oil cup should be between the upper and lower limits.
2. The lubricator allows connection with other Techno air preparation equipment.
3. Please pay attention to clean the connecting pipes and joints during installation to prevent dirt entering the gas path.

How To Order

O	L	1/4	□	MINI	□
Series	Function Code	Port Size	Working Pressure	Size	Shell material
O Series	Lubricator	G1/8" G1/2" G1/4" G3/4" G3/8" G1"	7: 7bar Blank: 12bar	MINI MIDI MAXI	Blank: Zinc E: Alu.

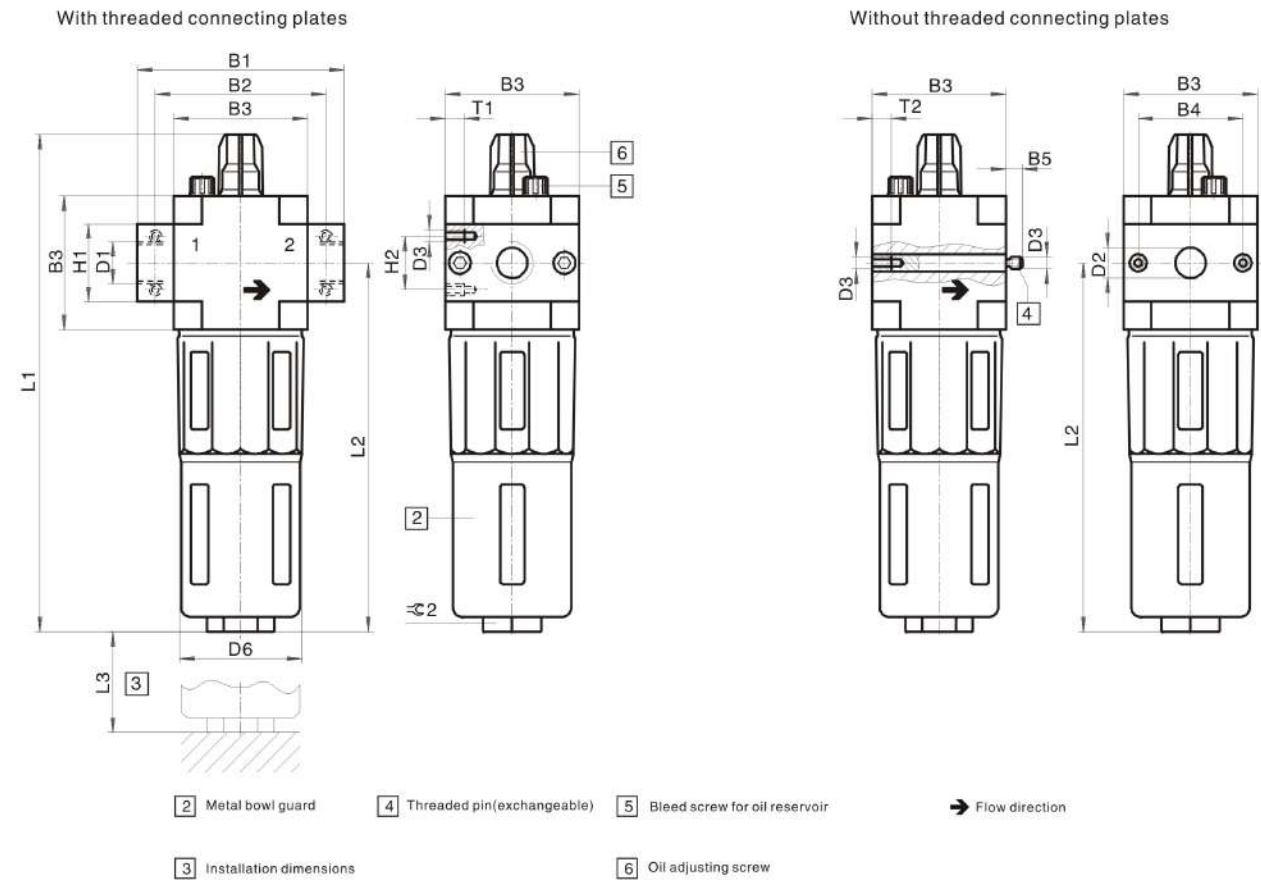
Specification:

Size	Micro				Mini			Midi				Maxi			
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
Operating medium	Filtered compressed air, unlubricated, grade of filtration 5µm					Filtered compressed air, unlubricated, grade of filtration 40µm									
Design	Proportional standard mist lubricator														
Type of mounting	Via accessories														
Assembly position	Vertical ± 5°														
Input pressure (bar)	0...10					0...16									
Minimum flow for lubricator operation	3					3			8				10		
Max. oil capacity (cm ³)	6.5					45			110				190		

Note: This product conforms with ISO 1179-1 standard and the ISO 228-1 standard.

Overall Dimension:

Mini/Midi/Maxi



Dimensions:

Type	B1	B2	B3	B4	B5	D1	D2φ	D3	D6φ	H1	H2	L1	L2	L3	T1	∅1	∅2
Mini																	
OL-1/8-D-MINI						G1/8											
OL-1/4-D-MINI	64	52	40	30	-	G1/4	-	M4	38	20	11	169	124	100	7	-	22
OL-3/8-D-MINI	70					G3/8											
OL-D-MINI	-	-			5.8	-	11			-	-				-	10	
Midi																	
OL-1/4-D-MIDI						G1/4											
OL-3/8-D-MIDI	85	70	55	43	-	G3/8	-	M5	52	32	22	204	151	120	8	-	24
OL-1/2-D-MIDI						G1/2											
OL-3/4-D-MIDI						G3/4											
OL-D-MIDI	-	-			6.8	-	24			-	-				-	11	
Maxi																	
OL-1/2-D-MAXI						G1/2											
OL-3/4-D-MAXI	96	80	66	46	-	G3/4	-	M5	65	32	22	228	170	150	8	-	24
OL-1-D-MAXI	116	61				G1				40							
OL-D-MAXI	-	-			6.8	-	30			-	-				-	11	

Note: This product conforms with ISO 1179-1 standard and the ISO 228-1 standard.