



CE ISO9001

XOU Series Air Source Treatment Unit



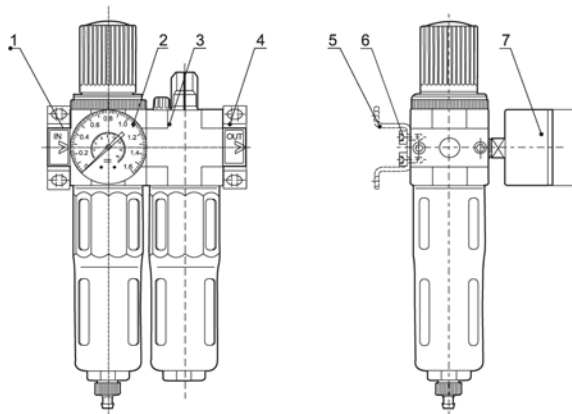
Ordering Code

XO	U	1/4			MINI
Series XO Series	Function code FR.L Combination	Port Size G1/8" G1/2" G1/4" G3/4" G3/8" G1"	Grade of filtration Blank:40 μm 5M:5 μm	Manometer Blank:12bar 7:7bar	Size MINI MIDI MAXI

Specification

Service units		MINI			MIDI			MAXI	
Manual Drain	Working pressure:12bar,40μm	XOU-1/8-MINI	XOU-1/4-MINI	XOU-3/8-MINI	XOU-3/8-MIDI	XOU-1/2-MIDI	XOU-3/4-MIDI	XOU-3/4-MAXI	XOU-1-MAXI
	Working pressure:7bar,40μm	XOU-1/8-7-MINI	XOU-1/4-D-7-MINI	XOU-3/8-7-MINI	XOU-3/8-7-MIDI	XOU-1/2-7-MIDI	XOU-3/4-7-MIDI	XOU-3/4-7-MAXI	XOU-1-7-MAXI
	Working pressure:12bar,5μm	XOU-1/8-5M-MINI	XOU-1/4-5M-MINI	XOU-3/8-5M-MINI	XOU-3/8-5M-MIDI	XOU-1/2-5M-MIDI	XOU-3/4-5M-MIDI	XOU-3/4-5M-MAXI	XOU-1-5M-MAXI
Manometer	0~12bar	OMA-40-16-1/8			OMA-50-16-1/4				
	0~7bar	OMA-40-10-1/8			OMA-50-10-1/4				
Medium		Compressed air							
Features of structure		Sintered filter with water sparator;MINI/MIDI/MAXI:Piston regulator;Diaphragm type regulator;Direct constant-density lubricator							
Mounting type		Pipe mounting or foot mounting							
Assembly position		Vertical ±5°							
Connection		G1/8"	G1/4"	G3/8"	G3/8"	G1/2"	G3/4"	G3/4"	G1"
Standard nominal flow rate	XOU-...(-A)	700	1000	1200	2000	2600	2600	7000	8000
	XOU-...-7(-A)	800	1300	1500	2500	2800	2800	8500	8700
	XOU-...-5M(-A)	600	850	1050	1700	1800	2100	6500	7200
Primary pressure	Manualcondensate drain				1~16bar				
	Automatic condensate drain				1.5~12bar				
Working pressure		0.5~12bar/0.5~7bar							
Min.Standard nominal flow rate		3 L/min			6 L/min			10 L/min	
Grade of filtration		40μm/5μm							
Capacity of condensate fluid		22ml							
Timperature range		0~60℃							
Materials information		Housing:Zinc die-casting;Filter bowl and oil bowl:PC;Meta bowl guard:Aluminium alloy;Sealing:NBR;Adjusting knob:POM							

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	

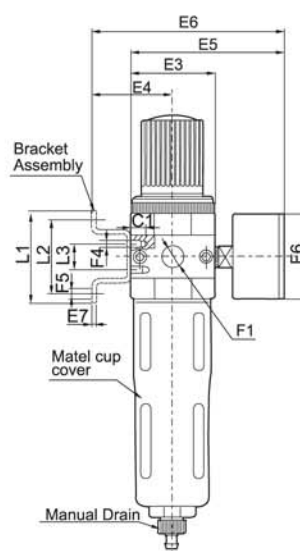
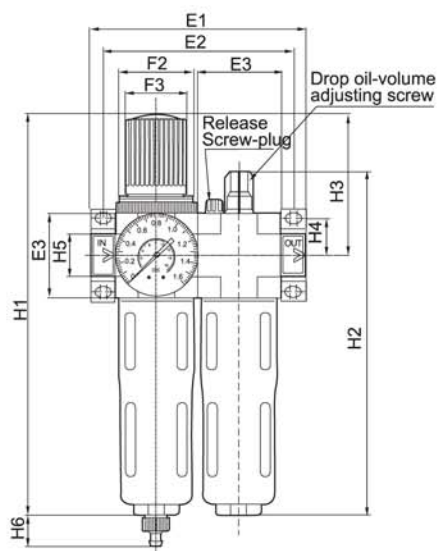
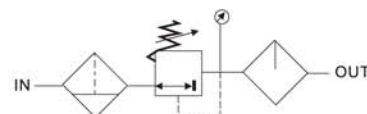


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XOU Series Air Source Treatment Unit

Overall Dimensions

Graphic Symbol



Dimension Sheet

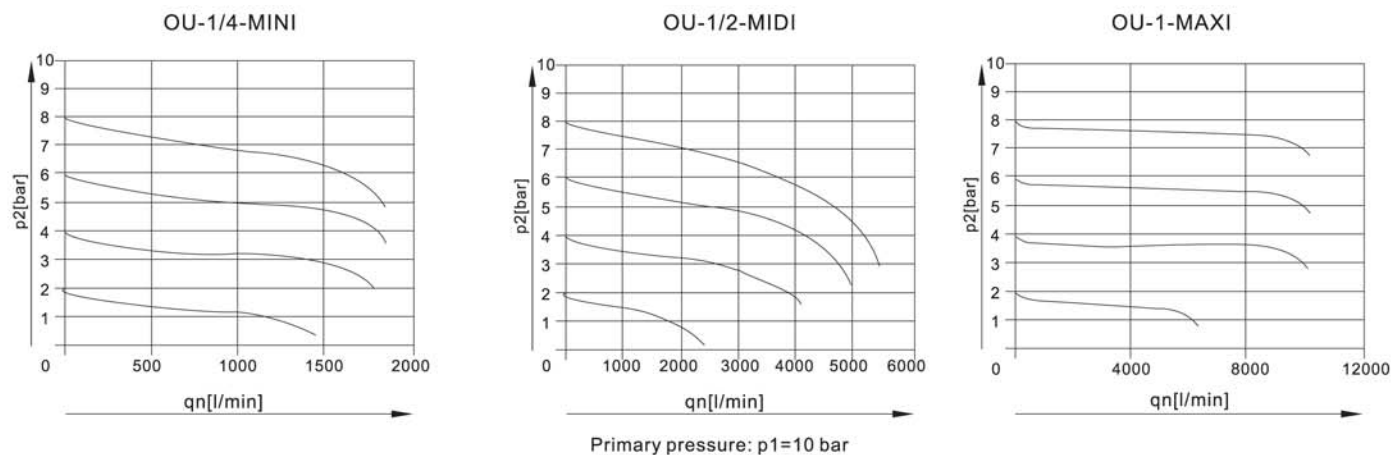
Model	E1	E2	E3	E4	E5	E6	E7	F1	F2
XOU-...-MINI	104	92	40	39	76	95	2	G1/8", G1/4", G3/8"	M36×1.5
XOU-...-MIDI	140	125	55	47	93	112	3	G1/8", G1/2", G3/4"	M52×1.5
XOU-...-MAXI	162,182	146,157	66	53	104	124	3	G3/4", G1"	M36×1.5

Model	F3 Φ	F4	F5 Φ	F6 Φ	L1	L2	L3	H1	H2	H3	H4	H5	H6
XOU-...-MINI	31	M4	4.5	40	44	35	11	194	169	69	17.5	20	15
XOU-...-MIDI	50	M5	5.5	52	71	60	22	250	206	97	24.5	32	15
XOU-...-MAXI	31	M5	5.5	63	71	60	22	252	223	80	24.5	32,40	15

Note: The Color Can Be Customized According to Your Requirement.

Flow diagram

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





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XOFR Series Filter & Regulator



Filter and pressure regulator combine a single unit, and 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 XOR maintain im putting constant operating pressure despite fluctuation in line pressure and the amount of air consumed.

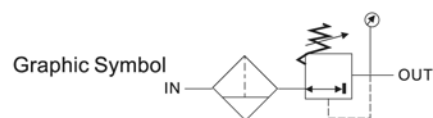
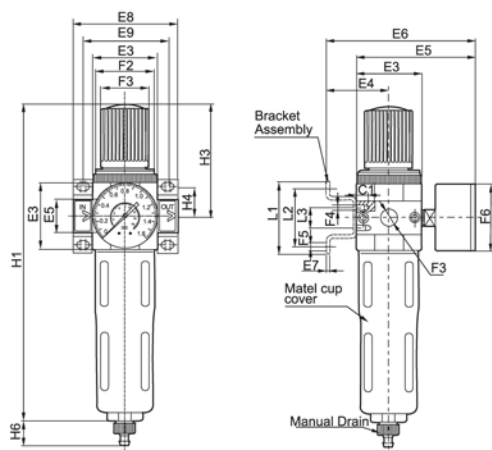
Ordering Code

XO	FR	1/4			MINI
Series XO Series	Function code Filter&Regulator	Port Size G1/8" G1/2" G1/4" G3/4" G3/8" G1"	Grade of filtration Blank:40μm 5M:5μm	Manometer Blank:12bar 7:7bar	Size MINI MIDI MAXI

Specification

Filter regulators		MINI			MIDI			MAXI	
Manual Drain	Working pressure:12bar,40μm	XOFR-1/8-MINI	XOFR-1/4-MINI	XOFR-3/8-MINI	XOFR-3/8-MIDI	XOFR-1/2-MIDI	XOFR-3/4-MIDI	XOFR-3/4-MAXI	XOFR-1-MAXI
	Working pressure:7bar,40μm	XOFR-1/8-7-MINI	XOFR-1/4-D-7-MINI	XOFR-3/8-7-MINI	XOFR-3/8-7-MIDI	XOFR-1/2-7-MIDI	XOFR-3/4-7-MIDI	XOFR-3/4-7-MAXI	XOFR-1-7-MAXI
	Working pressure:12bar,5μm	XOFR-1/8-5M-MINI	XOFR-1/4-5M-MINI	XOFR-3/8-5M-MINI	XOFR-3/8-5M-MIDI	XOFR-1/2-5M-MIDI	XOFR-3/4-5M-MIDI	XOFR-3/4-5M-MAXI	XOFR-1-5M-MAXI
Manometer	0~12bar	OMA-40-16-1/8			OMA-50-16-1/4				
	0~7bar	OMA-40-10-1/8			OMA-50-10-1/4				
Medium		Compressed air							
Features of structure		Sintered filter with water sparator;MINI/MID:Diaphragm type-regulator;MAXI:Piston regulator;							
Mounting type		Pipe mounting or foot mounting							
Assembly position		Vertical ±5°							
Connection		G1/8"	G1/4"	G3/8"	G3/8"	G1/2"	G3/4"	G3/4"	G1"
Standard nominal flow rate	XOFR-...	750	1400	1600	3100	3400	3400	9000	10000
	XOFR-...-7	900	1500	1700	3400	3900	3900	9500	16000
	XOFR-...-5M	650	1200	1350	2400	2500	2500	7300	7600
Primary pressure	Manual drain	1~16bar							
Working pressure		0.5~12bar/0.5~7bar							
Grade of filtration		40μm/5μm							
Max.Condensate Capacity		22ml							
Timperature range		0~60℃							
Materials information		Housing:Zinc die-casting;Filter bowl:PC;Meta bowl guard:Aluminium alloy;Sealing:NBR;Adjusting knob:POM							

Overall Dimensions



Dimension Sheet

Model	E3	E4	E5	E6	E8	E9	F1			F2		
XOFR-...-MINI	40	39	76	95	64	52	G1/8",G1/4",G3/8"			M36×1.5		
XOFR-...-MIDI	55	47	93	112	85	70	G1/8",G1/2",G3/4"			M52×1.5		
XOFR-...-MAXI	66	53	104	124	96,116	80,91	G3/4",G1"			M36×1.5		
Model	F3Φ	F4	F5Φ	F6Φ	L1	L2	L3	H1	H3	H4	H5	H6
XOFR-...-MINI	31	M4	4.5	40	44	35	11	194	69	17.5	20	15
XOFR-...-MIDI	50	M5	5.5	52	71	60	22	250	98	24.5	32	15
XOFR-...-MAXI	31	M5	5.5	63	71	60	22	252	80	24.5	32,40	15



XOR Series Regulator

The XOR maintain inputting constant operating pressure despite fluctuation in line pressure and the amount of air consumed.



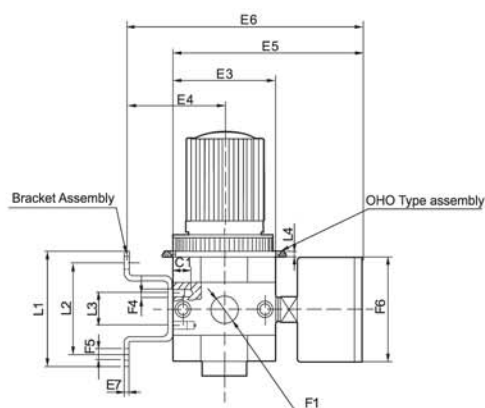
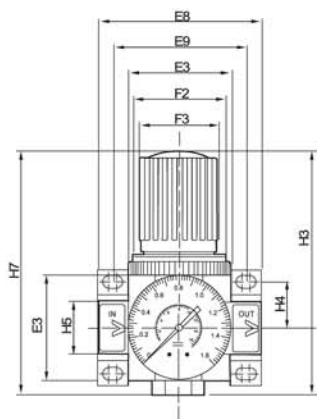
Ordering Code

XO	—	R	—	1/4	—		—	MINI
Series XO Series		Function code Regulator		Port Size G1/8" G1/4" G3/8" G1/2" G3/4" G1"		Manometer Blank: 12bar 7: 7bar		Size MINI MIDI MAXI

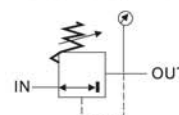
Specification

Regulators		MINI			MIDI			MAXI	
Working pressure 12bar		XOR-1/8-MINI	XOR-1/4-MINI	XOR-3/8-MINI	XOR-3/8-MIDI	XOR-1/2-MIDI	XOR-3/4-MIDI	XOR-3/4-MAXI	XOR-1-MAXI
Working pressure 7bar		XOR-1/8-7-MINI	XOR-1/4-7-MINI	XOR-3/8-7-MINI	XOR-3/8-7-MIDI	OXR-1/2-7-MIDI	XOR-3/4-7-MIDI	XOR-3/4-7-MAXI	XOR-1-7-MAXI
Manometer	0~12bar	OMA-40-16-1/8			OMA-50-16-1/4				
	0~7bar	OMA-40-10-1/8			OMA-50-10-1/4				
Medium		Filtered,compressed air(lubricated or unlubricated)							
Features of structure		MINI/MIDI:Diaphragm type regulator;MAXI: Piston regulator							
Mounting type		Pipe/foot/Plate mounting							
Assembly position		Any							
Connection		G1/8"	G1/4"	G3/8"	G3/8"	G1/2"	G3/4"	G3/4"	G1"
Standard nominal flow rate	XOR-...	800	1500	1700	3200	3500	3500	11000	11500
	XOR-...-7-	1000	1600	1800	3300	4000	4500	12000	12500
Primary pressure		1~16bar							
Working pressure		0.5~12bar/0.5~7bar							
Timperature range		0~60℃							
Materials information		Housing:Zinc die-casting; Sealing:NBR; Adjusting knob:POM							

Overall Dimensions



Graphic Symbol



Dimension Sheet

Model	E3	E4	E5	E6	E8	E9	F1	F2	F3Φ	F4	F5Φ	F6Φ	L1	L2	L3	L4	H3	H4	H7
XOR-...-MINI	40	39	76	95	64	52	G1/8", G1/4", G3/8"	M36×1.5	31	M4	4.5	40	44	35	11	Max.3	69	17.5	96
XOR-...-MIDI	55	47	93	112	85	70	G1/8", G1/2", G3/4"	M52×1.5	50	M5	5.5	52	71	60	22	Max.5	98	24.5	96
XOR-...-MAXI	66	53	104	124	96, 116	80, 91	G3/4", G1"	M36×1.5	31	M5	5.5	63	71	60	22	Max.4	80	24.5	96



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XOF Series Air Filter



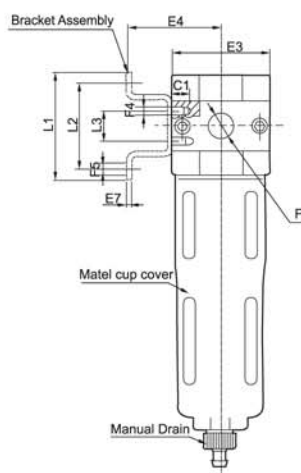
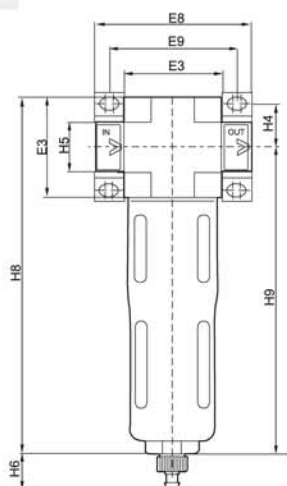
Ordering Code

XO	F	1/4		MINI
Series XO Series	Function code Filter	Port Size G1/8" G1/4" G3/8" G1/2" G3/4" G1"	Grade of filtration Blank:40μm 5M:5μm	Size MINI MIDI MAXI

Specification

Filters		MINI			MIDI			MAXI	
40μm	Manual Drain	XOF-1/8-MINI	XOF-1/4-MINI	XOF-3/8-MINI	XOF-3/8-MIDI	XOF-1/2-MIDI	XOF-3/4-MIDI	XOF-3/4-MAXI	XOF-1-MAXI
5μm		XOF-1/8-5M-MINI	XOF-1/4-5M-MINI	XOF-3/8-5M-MINI	XOF-3/8-5M-MIDI	XOF-1/2-5M-MIDI	XOF-3/4-5M-MIDI	XOF-3/4-5M-MAXI	XOF-1-5M-MAXI
Medium		Compressed air							
Features of structure		Sintered filter with water spartor							
Mounting type		Pipe mounting or foot mounting							
Assembly position		Vertical ±5°							
Connection		G1/8"	G1/4"	G3/8"	G3/8"	G1/2"	G3/4"	G3/4"	G1"
Standard nominal flow rate	OF-...	1000	1200	1400	2700	3000	3000	5000	5300
	OF-...-5M	600	950	1100	1800	1900	1900	3200	3300
Primary pressure	Manual drain	1~16bar							
Grade of filtration		40μm/5μm							
Max.condensate capacity		22ml							
Timperature range		0~60℃							
Materials information		Housing:Zinc die-casting;Filter bowl :PC;Metal bowl guard:Aluminium alloy;Sealing:NBR							

Overall Dimensions



Graphic Symbol



Dimension Sheet

Model	E3	E4	E7	E8	E9	F1	F4	F5Φ	L1	L2	L3	H4	H5	H6	H8	H9
XOF-...-MINI	40	39	2	64	52	G1/8",G1/4",G3/8"	M4	4.5	44	35	11	17.5	20	15	144	129
XOF-...-MIDI	55	47	3	85	70	G1/8",G1/2",G3/4"	M5	5.5	71	60	22	24.5	32	15	179	156
XOF-...-MAXI	66	53	3	96,116	80,91	G3/4",G1"	M5	5.5	71	60	22	24.5	32,40	15	203	175



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XOL Series Lubricator



Ordering Code

XO

Series
XO Series

L

Function code
Lubricator

1/4

Port Size
G1/8" G1/2"
G1/4" G3/4"
G3/8" G1"

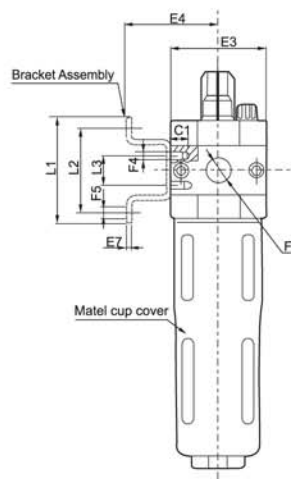
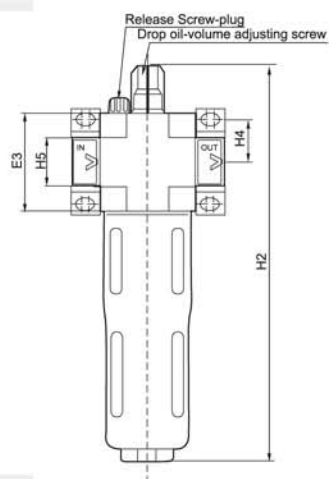
MINI

Size
MINI
MIDI
MAXI

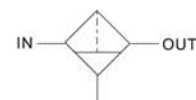
Specification

Lubricators	MINI			MIDI			MAXI	
	XOL-1/8-MINI	XOL-1/4-MINI	XOL-3/8-MINI	XOL-3/8-MIDI	XOL-1/2-MIDI	XOL-3/4-MIDI	XOL-3/4-MAXI	XOL-1-MAXI
Medium	Compressed air							
Features of structure	Sintered filter with water spartor The direct Constant-density Lubricator							
Mounting type	Pipe mounting or foot mounting							
Assembly position	Vertical $\pm 5^{\circ}$							
Connection	G1/8"	G1/4"	G3/8"	G3/8"	G1/2"	G3/4"	G3/4"	G1"
Standard nominal flow rate	1300	2300	2700	5500	6100	6300	8400	9000
Max.Working pressure	16bar							
Min.Standard nominal flow rate	3 L/min			6 L/min			10 L/min	
Max.condensate capacity	22ml							
Timperature range	0~60℃							
Materials information	Housing:Zinc die-casting;Oil bowl and Drip cap :PC;Metal bowl guard:Aluminium alloy;Sealing:NBR							
Recommended oil	ISO VG 32 or the same grade							

Overall Dimensions



Graphic Symbol



Dimension Sheet

Model	E3	E4	E7	F1	F4	F5Φ	L1	L2	L3	H4	H5
XOL-...-MINI	40	39	2	G1/8",G1/4",G3/8"	M4	4.5	44	35	11	17.5	20
XOL-...-MIDI	55	47	3	G1/8",G1/2",G3/4"	M5	5.5	71	60	22	24.5	32
XOL-...-MAXI	66	53	3	G3/4",G1"	M5	5.5	71	60	22	24.5	32,40