

APL Series Limit Switch Box

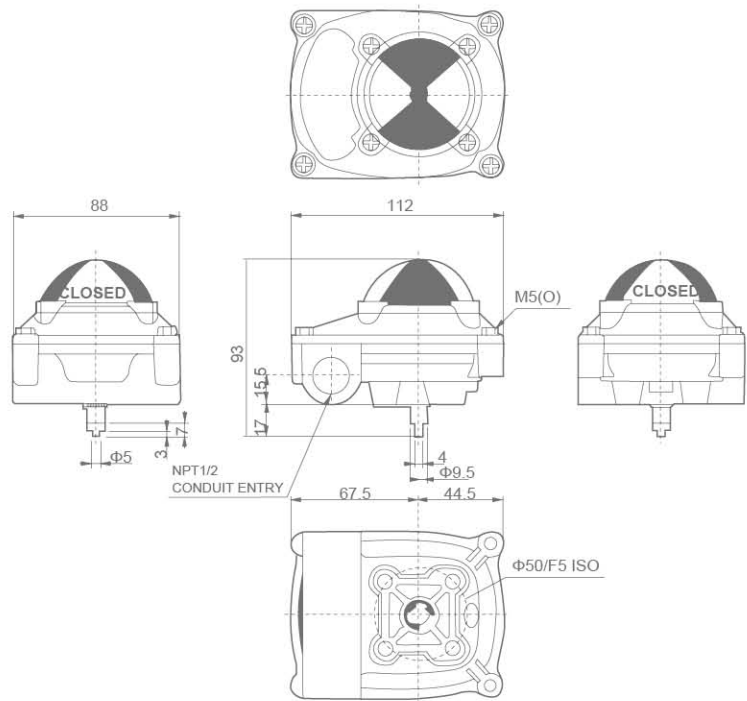


- Summary:**
APL-210N position Limit switch is a signal device for the remote control of valve, show the working condition of valve by the switch, it contains mechanical switch and proximity switch, and widely applies to petroleum, chemical industry, pharmacy, food, electricity, coal gas, pro-environment, metallurgy and paper making etc.
- Performance Features**
The switch is installed separately, convenient maintenance and replacement
1.Firm and compact design;2.Die-casting aluminum;
3.Quick cam machine,4.Fix springs on the cam without tools;5.Convenient installation.
NAMUR standard stainless steel and frame-Reasnable design for frame connecting hole.
convenient installtion

Specifcation

Panameter	Standard	Option	Meterial	
Protection	IP67/NEMA4&4X	IP68	Shell	Die-casting aluminum
Ambient	-20℃ ~80℃			
Wiring	2xNPT1/2	PF1/2", P1/2" M20, PG13.5	Indicate cover Indicator	IPolyester coating ABC/polyester coating
Terminal	8 Points(0.08~2.6mm ²)		cam	Polyester coating
Position Indicator	Close:red Open:yellow	Close:red Open:green	Spring	Stainless Steel
			Screw	Stainless Steel
Switch	Mechanical Switch:X2 Proximity Switch:X2		O-ring	NBR
			Washer	Bronze
External Painting	Polyester Coating	Red, Green, Blue, Yellow Nylon Paonting	E-ring	Stainless Steel
			Earth Line	Stainless Steel
Axis	Standard Axis(17mm)	Lengthen Axis	Frame	Stainless Steel

Overall Dimensions



Air source treatment units

XCPC produce different standards of air source treatment unit(short as FRL), which include air filter, regulator, lubricator. They are offered as separation or combination, auto drain is available for some models. XCPC is one of the leading factory in this area for 17 years, with high reputation in domestic and international market.



XOC Series Air Source Treatment Unit



XOC-MINI

The XOC consisted of XOF,XOR and XOL,each unit can be ordered separately.
The XOF 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 XOR maintain inputting 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 proportional to the flow and oil can be added during operation.
The oil drop rate is controlled by the adjustable bolt.Normally,1to 12 drops/1000L of the air is sufficient

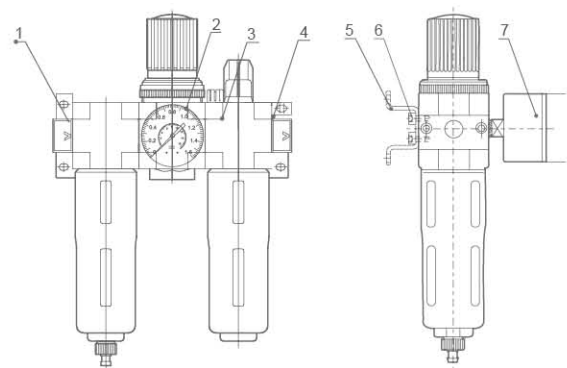
Ordering Code

Series	Function code	Body	Port Size	Grade of Filtration	Manometer	Drain Type	Color
XO Series	F.R.L Combination	MINI MIDI MAXI	G1/8" G1/2" G1/4" G3/4" G3/8" G1"	Blank:40μm 5M:5μm	Blank:12bar 7:7bar	Blank: Turnd Manually S:Half-Auto Drain Type A:Auto Drain Type	Blank:Orange BU:Bule

Specification

Model		MINI			MIDI			MAXI	
Manual Drain	Working pressure:12bar,40μm	XOC-1/8-MINI	XOC-1/4-MINI	XOC-3/8-MINI	XOC-3/8-MIDI	XOC-1/2-MIDI	XOC-3/4-MIDI	XOC-3/4-MAXI	XOC-1-MAXI
	Working pressure:7bar,40μm	XOC-1/8-7-MINI	XOC-1/4-D-7-MINI	XOC-3/8-7-MINI	XOC-3/8-7-MIDI	XOC-1/2-7-MIDI	XOC-3/4-7-MIDI	XOC-3/4-7-MAXI	XOC-1-7-MAXI
	Working pressure:12bar,5μm	XOC-1/8-5M-MINI	XOC-1/4-5M-MINI	XOC-3/8-5M-MINI	XOC-3/8-5M-MIDI	XOC-1/2-5M-MIDI	XOC-3/4-5M-MIDI	XOC-3/4-5M-MAXI	XOC-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 separator;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	XOC-...(-A)	700	1000	1200	2000	2600	2600	7000	8000
	XOC-...-7(-A)	800	1300	1500	2500	2800	2800	8500	8700
	XOC-...-5M(-A)	600	850	1050	1700	1800	2100	6500	7200
Primary pressure	Manual condensate 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			43ml			80ml	
Temperature range		0~60℃							
Materials information		Housing:Zinc die-casting;Filter bowl and oil bowl:PC;Metal bowl guard:Aluminum alloy;Sealing:NBR;Adjusting knob:POM							

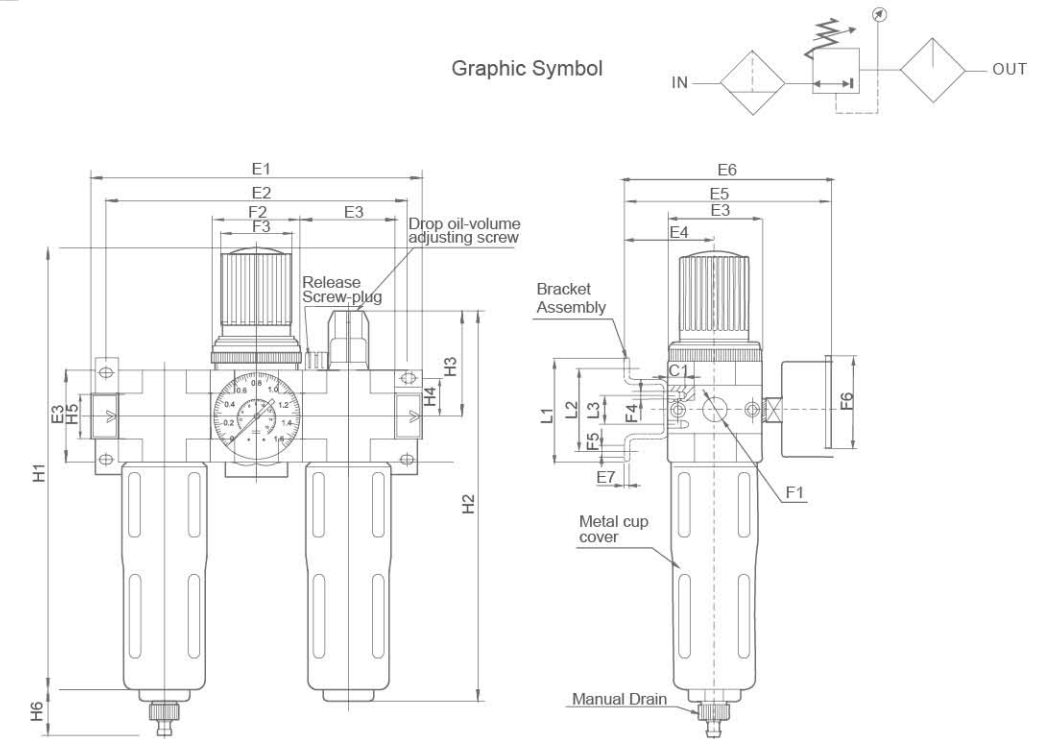
Internal structure



No	Name	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 gauge	

XOC Series Air Source Treatment Unit

Overall Dimensions



Dimension Sheet

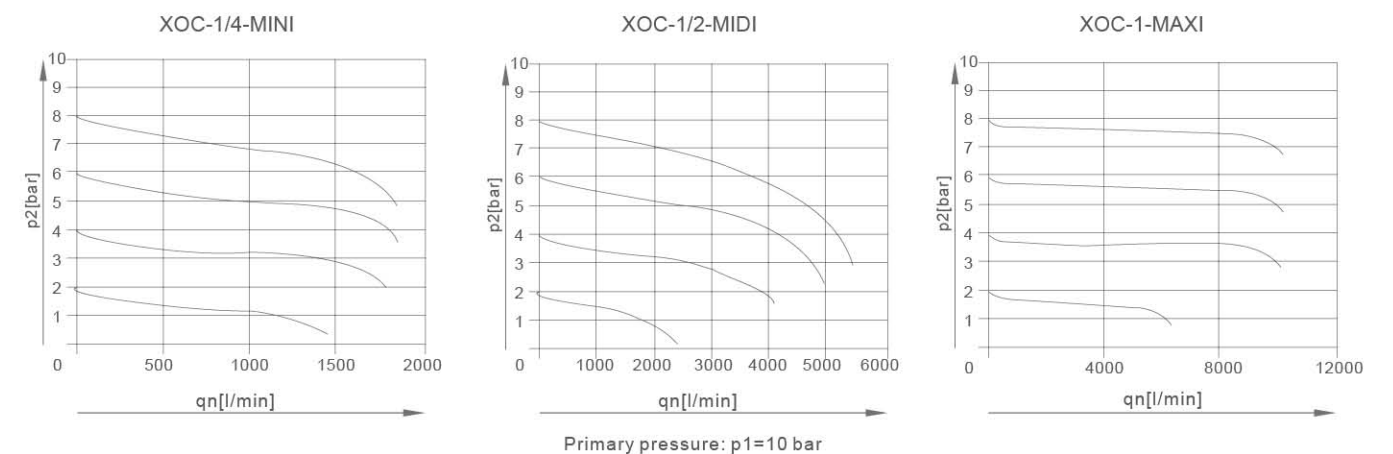
Model	E1	E2	E3	E4	E5	E6	E7	F1	F2
XOC-MINI	143	132	40	39	76	95	2	G1/8",G1/4",G3/8"	M36×1.5
XOC-MIDI	193	180	55	47	93	112	3	G3/8",G1/2",G3/4"	M52×1.5
XOC-MAXI	247	220	66	53	104	124	3	G3/4",G1"	M52×1.5

Model	F3Φ	F4	F5Φ	F6Φ	L1	L2	L3	H1	H2	H3	H4	H5	H6
XOC-MINI	31	M4	4.5	41	44	35	11	194	169	69	17.5	20	15
XOC-MIDI	50	M5	5.5	352	71	60	22	250	206	97	24.5	32	15
XOC-MAXI	50	M5	5.5	53	71	60	22	272	226	80	24.5	32,40	15

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

Flow diagram

Standard flow rate qn as a function of the output pressure p2



XOU Series Air Source Treatment Unit



The XOU consisted of XOFR and XOL, each unit can be ordered separately.
The XOF 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 XOR maintain inputting 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 proportional to the flow and oil can be added during operation. The oil drop rate is controlled by the adjustable bolt. Normally, 1 to 12 drops/1000L of the air is sufficient.

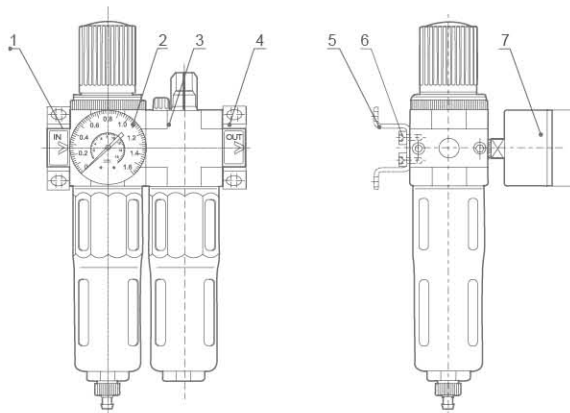
Ordering Code

Series	Function code	Body	Port Size	Grade of Filtration	Manometer	Drain Type	Color
XO	U	MINI	1/4"				
XOU-MINI	XO Series FRL Combination	MINI MIDI MAXI	G1/8" G1/2" G1/4" G3/4" G3/8" G1"	Blank: 40µm 5M: 5µm	Blank: 12bar 7: 7bar	Blank: Turned Manually S: Half-Auto Drain Type A: Auto Drain Type	Blank: Orange BU: Blue

Specification

Model		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 separator;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			43ml			80ml	
Temperature range		0~60℃							
Materials information		Housing:Zinc die-casting;Filter bowl and oil bowl:PC;Metal bowl guard:Aluminum alloy;Sealing:NBR;Adjusting knob:POM							

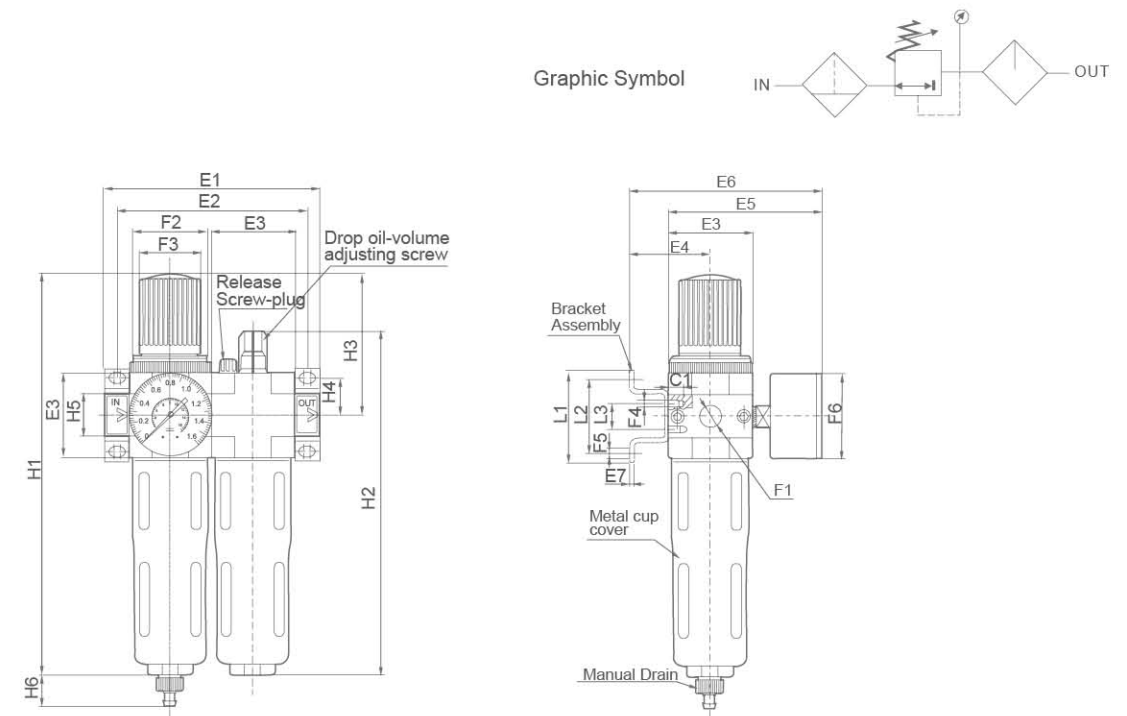
Internal structure



No	Name	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 gauge	

XOU Series Air Source Treatment Unit

Overall Dimensions



Dimension Sheet

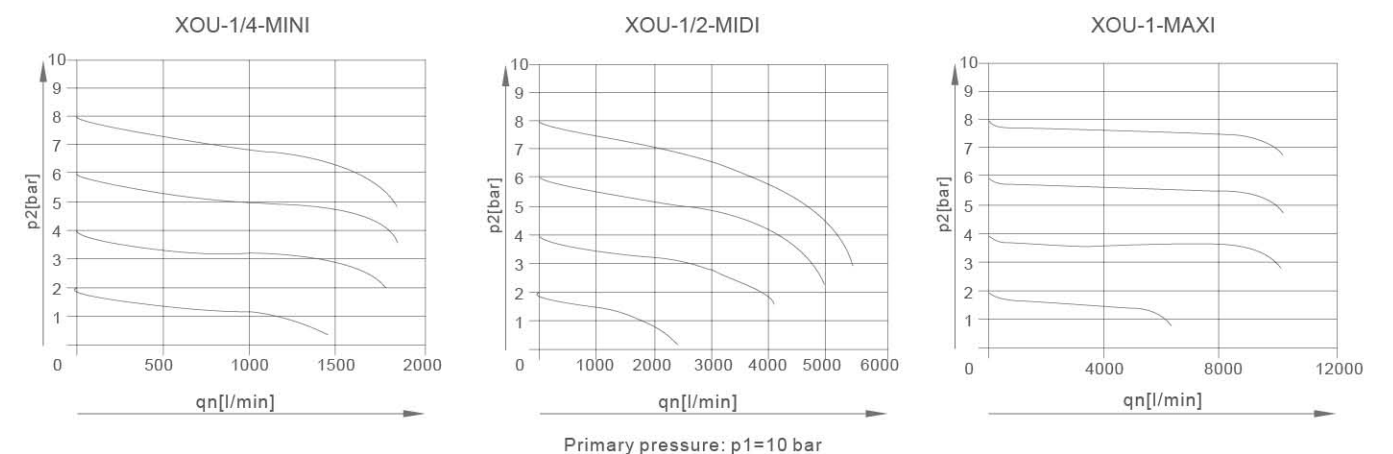
Model	E1	E2	E3	E4	E5	E6	E7	F1	F2
XOU-...-MINI	104	92	40	39	76	95	2	G1/8", G1/4", G3/8"	M36×1.5
XOU-...-MIDI	140	125	55	47	93	112	3	G3/8", G1/2", G3/4"	M52×1.5
XOU-...-MAXI	162, 182	146, 157	66	53	104	124	3	G3/4", G1"	M52×1.5

Model	F3Φ	F4	F5Φ	F6Φ	L1	L2	L3	H1	H2	H3	H4	H5	H6
XOU-...-MINI	31	M4	4.5	41	44	35	11	194	169	69	17.5	20	15
XOU-...-MIDI	50	M5	5.5	352	71	60	22	250	206	97	24.5	32	15
XOU-...-MAXI	50	M5	5.5	53	71	60	22	272	226	80	24.5	32, 40	15

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

Flow diagram

Standard flow rate qn as a function of the output pressure p2



XOFR Series Filter & Regulator



XOFR-MINI

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 its putting constant operating pressure despite fluctuation in line pressure and the amount of air consumed.

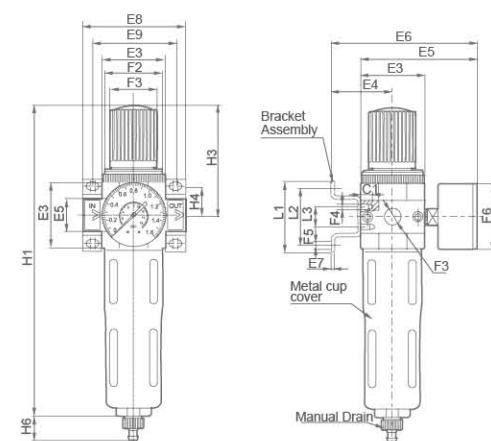
Ordering Code

Series	Function code	Body	Port Size	Grade of Filtration	Manometer	Drain Type	Color
XO Series	Filter&Regulator	MINI MIDI MAXI	G1/8" G1/2" G1/4" G3/4" G3/8" G1"	Blank: 40µm 5M: 5µm	Blank: 12bar 7: 7bar	Blank: Turned Manually S: Half-Auto Drain Type A: Auto Drain Type	Blank: Orange BU: Blue

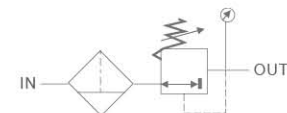
Specification

Model	MINI	MIDI	MAXI
Working pressure: 12bar, 40µm	XOFR-1/8-MINI	XOFR-1/4-MINI	XOFR-3/8-MINI
Working pressure: 7bar, 40µm	XOFR-1/8-7-MINI	XOFR-1/4-D-7-MINI	XOFR-3/8-7-MINI
Working pressure: 12bar, 5µm	XOFR-1/8-5M-MINI	XOFR-1/4-5M-MINI	XOFR-3/8-5M-MINI
Manometer	OMA-40-16-1/8	OMA-50-16-1/4	OMA-50-10-1/4
Medium	Compressed air		
Features of structure	Sintered filter with water separator; MINI/MIDI: MAXI: Piston regulator;		
Mounting type	Pipe mounting or foot mounting		
Assembly position	Vertical ±5°		
Connection	G1/8"	G1/4"	G3/8"
Standard	750	1400	1600
nominal	900	1500	1700
flow rate	650	1200	1350
Primary pressure	1~16bar		
Automatic condensate drain	1.5~12bar		
Working pressure	0.5~12bar/0.5~7bar		
Grade of filtration	40µm/5µm		
Max. Condensate Capacity	22ml	43ml	80ml
Temperature range	0~60 °C		
Materials information	Housing: Zinc die-casting; Filter bowl: PC; Metal bowl guard: Aluminum alloy; Sealing: NBR; Adjusting knob: POM		

Overall Dimensions



Graphic Symbol



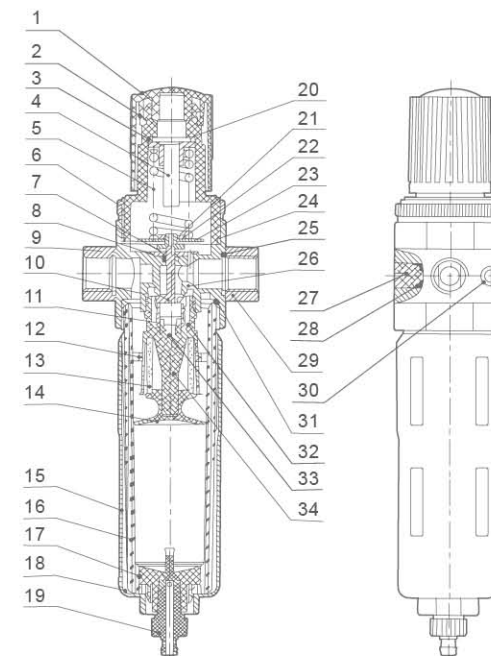
Dimension Sheet

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	G3/8", G1/2", G3/4"	M52×1.5
XOFR-...-MAXI	66	53	104	124	116	91	G3/4", G1"	M52×1.5

Model	F3Φ	F4	F5Φ	F6Φ	L1	L2	L3	H1	H3	H4	H5	H6
XOFR-...-MINI	31	M4	4.5	41	44	35	11	194	69	17.5	20	15
XOFR-...-MIDI	50	M5	5.5	52	73	60	22	250	98	24.5	32	15
XOFR-...-MAXI	50	M5	5.5	53	73	60	22	272	80	24.5	32, 40	15

XOFR Series Filter & Regulator

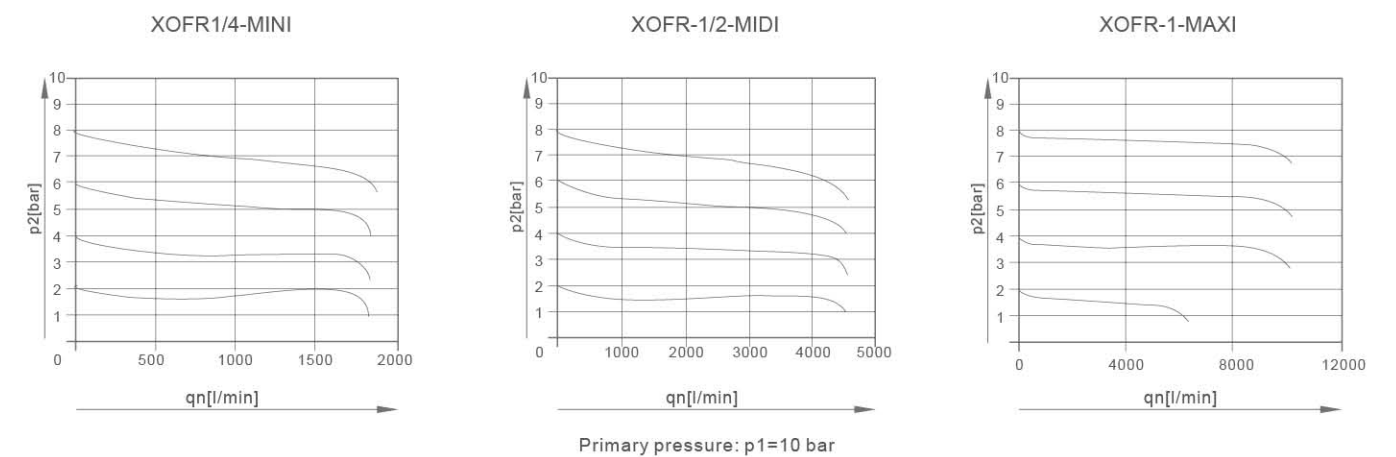
Internal structure



No	Name	Material	No	Name	Material
1	Pressure knob	POM	18	Inner joint	POM
2	Regulator cap	POM	19	Condensate drain	POM
3	Regulator nut	S35C	20	Wearing sheet	Insulation sheet
4	Adjusting spindle	S35C	21	OR Sheet	NBR
5	Pressure spring	SWC	22	Overflow base	6061-T6
6	Fixed ring	6061-T6	23	One part of diaphragm	SPCC
7	One part of membrane	PA6+G15	24	Diaphragm	NBR+Nylon Mesh
8	O-ring	NBR	25	O-ring	NBR
9	Flange-IN	Zinc alloy	26	OR Body	Zinc alloy
10	Spool	Brass	27	Plug	POM
11	O-ring	NBR	28	O-ring	NBR
12	Whirl wind impeller	POM	29	Flange-OUT	Zinc alloy
13	Filter element	PE	30	Allen screw	S35C
14	Manger	POM	31	O-ring	NBR
15	Metal bowl guard	Aluminum alloy	32	Spring	SWPB
16	Filter bowl	PC	33	Fasteners	Brass
17	O-ring	NBR	34	Filter element base	POM

Flow diagram

Standard flow rate qn as a function of the output pressure p2



XOR Series Regulator

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



XOR-MINI

Ordering Code

XO

R

MINI

1/4

□

□

Series
XO Series

Function code
Regulator

Body
MINI
MIDI
MAXI

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

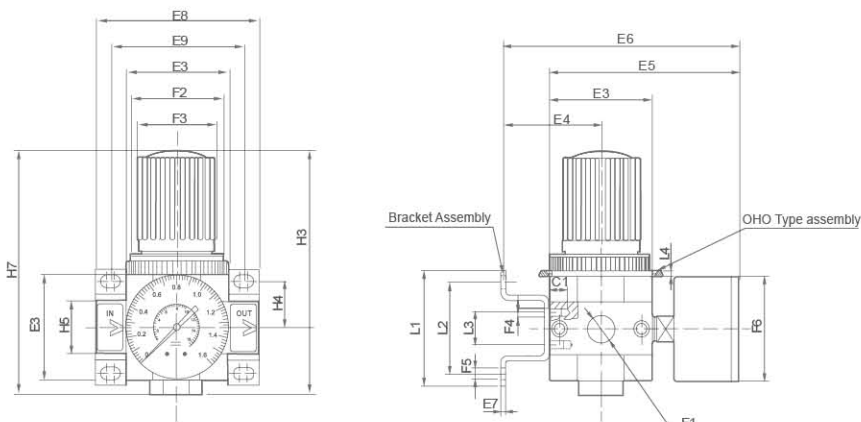
Manometer
Blank:12bar
7:7bar

Color
Blank:Orange
BU:Bule

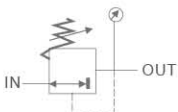
Specifcation

Model		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							
Temperature range		0~60℃							
Materials information		Housing:Zinc die-casting; Sealing:NBR; Adjusting knob:POM							

Overall Dimensions



Graphic Symbol

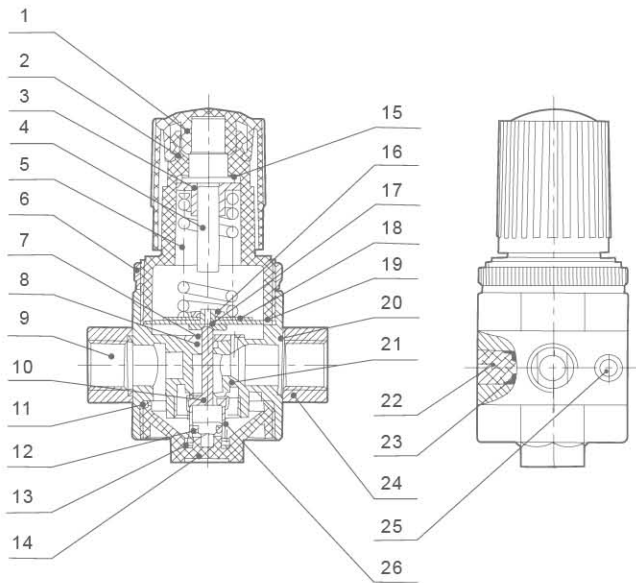


Dimension Sheet

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	41	44	35	11	Max.3	69	17.5	96
XOR-...-MIDI	55	47	93	112	85	70	G3/8",G1/2",G3/4"	M52×1.5	50	M5	5.5	52	73	60	22	Max.5	98	24.5	96
XOR-...-MAXI	66	53	104	124	96,116	80,91	G3/4",G1"	M52×1.5	31	M5	5.5	53	73	60	22	Max.4	80	24.5	96

XOR Series Regulator

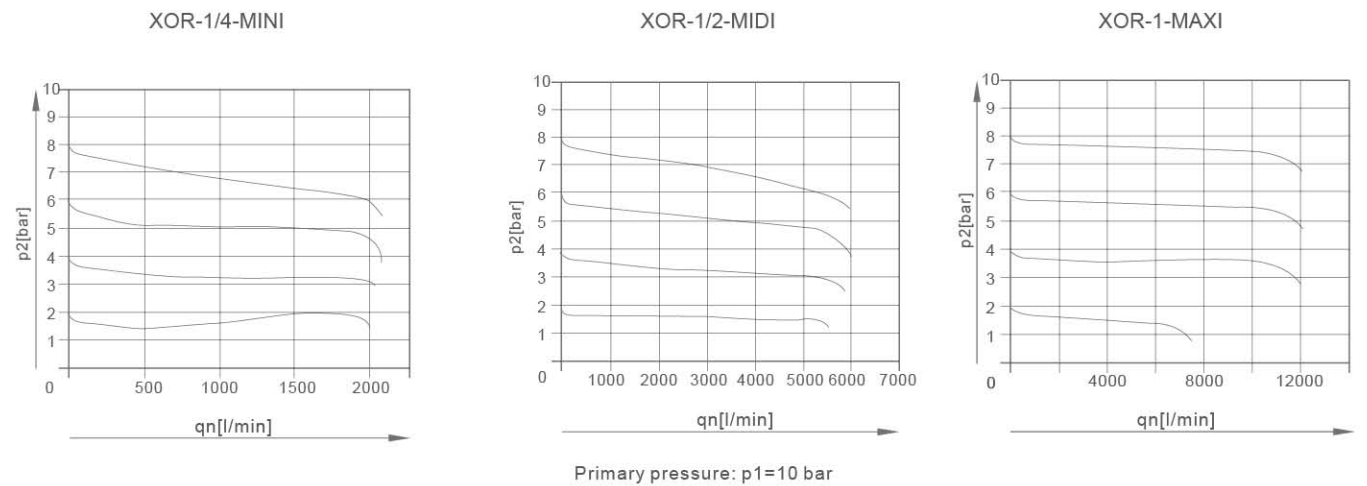
Internal structure



No	Name	Material
1	Pressure knob	POM
2	Regulator cap	POM
3	Regulator nut	S35C
4	Adjusting spindle	S35C
5	Pressure spring	SWC
6	Fixed ring	6061-T6
7	One part of membrane	NBR
8	O-ring	NBR
9	Flange-IN	Zinc alloy
10	Spool	Brass
11	O-ring	NBR
12	O-ring	NBR
13	Fasteners	Brass
14	Locker cover	Zinc alloy
15	Wearing sheet	Insulation sheet
16	OR Sheet	NBR
17	Overflow base	6061-T6
18	One part of diaphragm	SPCC
19	Diaphragm	NBR+Nylon Mesh
20	O-ring	NBR
21	OR Body	Zinc alloy
22	Plug	POM
23	O-ring	NBR
24	Flange-OUT	Zinc alloy
25	Allen screw	S35C
26	Spring	SWPB

Flow diagram

Standard flow rate qn as a function of the output pressure p2



XOF Series Air Filter



The OF 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 relement.

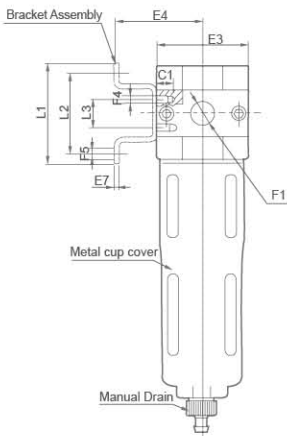
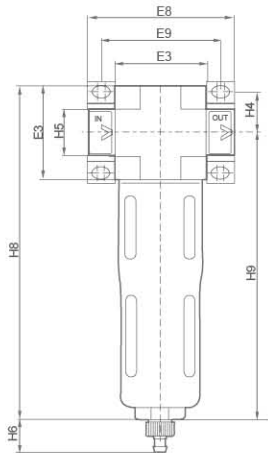
Ordering Code

XO	F	MINI	1/4			
Series	Function code	Body	Port Size	Grade of Filtration	Drain Type	Color
XO Series	Filter	MINI MIDI MAXI	G1/8" G1/4" G3/8" G1/2" G3/4" G1"	Blank:40μm 5M:5μm	Blank: Turnd Manually S:Half-Auto Drain Type A:Auto Drain Type	Blank:Orange BU:Bule

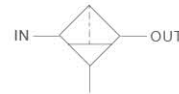
Specifcation

Model		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	XOF-...	1000	1200	1400	2700	3000	3000	5000	5300
	XOF-...-5M	600	950	1100	1800	1900	1900	3200	3300
Primary pressure	Manual drain	1~16bar							
Grade of filtration		40μm/5μm							
Max.condensate capacity		22ml			43ml			80ml	
Max.condensate capacity		0~60℃							
Materials information		Housing:Zinc die-casting;Filter bowl :PC;Metal bowl guard: Aluminum alloy;Sealing:NBR							

Overall Dimensions



Graphic Symbol

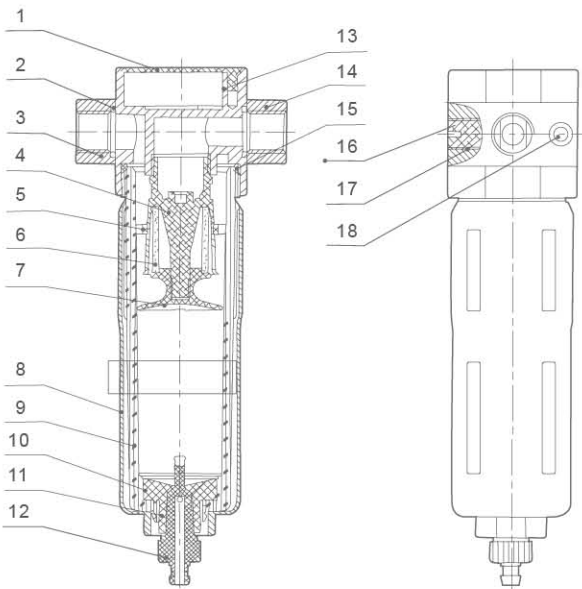


Dimension Sheet

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	124
XOF-...-MIDI	55	47	3	85	70	G3/8",G1/2",G3/4"	M5	5.5	71	60	22	30	32	15	180	153
XOF-...-MAXI	66	53	3	96,116	80,91	G3/4",G1"	M5	5.5	71	60	22	30	32,40	15	203	170

XOF Series Air Filter

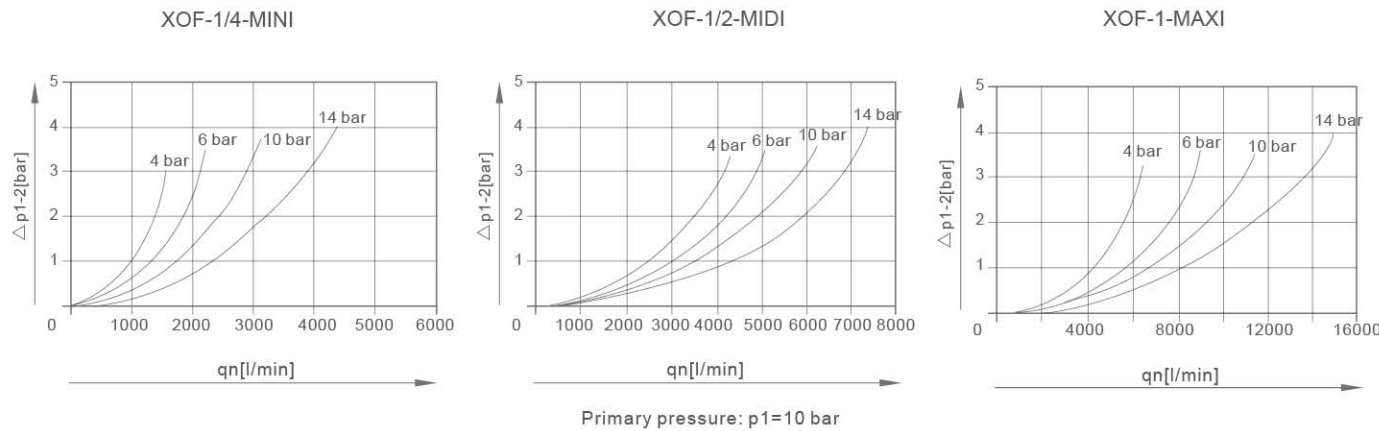
Internal structure



No	Name	Material
1	Ornament cover(round)	POM
2	O-ring	NBR
3	Flange-IN	Zinc alloy
4	Filter element base	POM
5	Whirl wind impeller	POM
6	Filter element	PE
7	Manger	POM
8	Metal bowl guard	Aluminum alloy
9	Filter bowl	PC
10	O-ring	NBR
11	Inner joint	POM
12	Condensate drain	POM
13	OF Body	Zinc alloy
14	Flange-OUT	Zinc alloy
15	O-ring	NBR
16	Plug	POM
17	O-ring	NBR
18	Allen screw	S35C

Flow diagram

Standard flow rate qn as a function of the output pressure p2



XOL Series Lubricator



XOL-MINI

The direct constant-density lubricator add regulated quantity oil to the compressed air. 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. The oil drop rate is controlled by means of the regulating screw. Normally, 1 to 12 drops/1000L of the air is sufficient.

Ordering Code

XO

Series
XO Series

L

Function code
Lubricator

MINI

Body
MINI
MIDI
MAXI

1/4

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

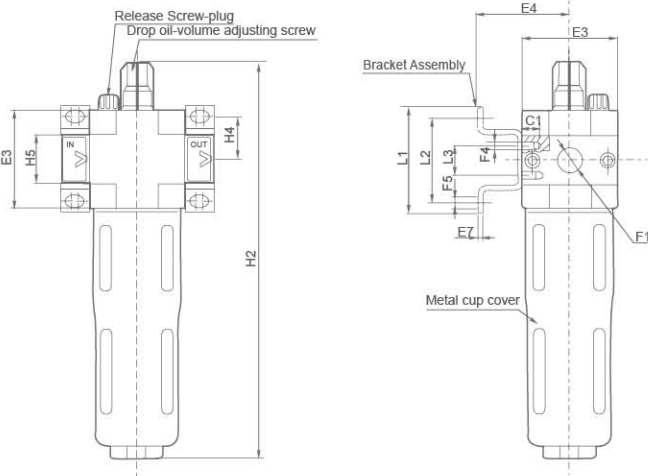
□

Color
Blank:Orange
BU:Blue

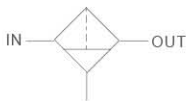
Specification

Model	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 ±5°							
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			43ml			80ml	
Temperature range	0~60℃							
Materials information	Housing:Zinc die-casting;Oil bowl and Drop cap :PC;Metal bowl guard:Aluminum alloy;Sealing:NBR							
Recommended oil	ISO VG 32 or the same grade							

Overall Dimensions



Graphic Symbol

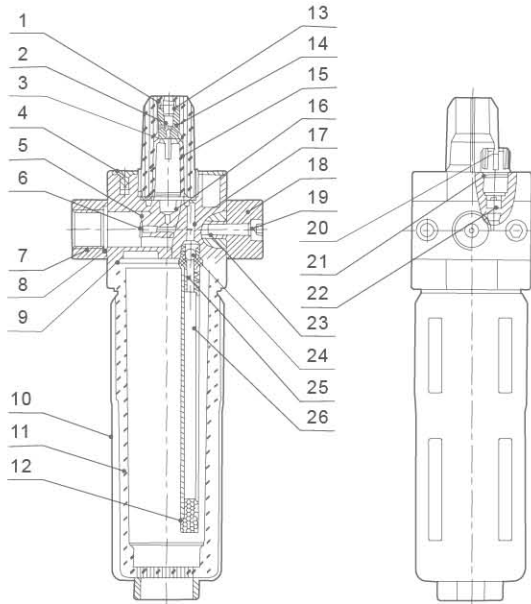


Dimension Sheet

Model	E3	E4	E7	F1	F4	F5φ	L1	L2	L3	H2	H4	H5
XOL-...-MINI	40	39	2	G1/8", G1/4", G3/8"	M4	4.5	44	35	11	169	17.5	20
XOL-...-MIDI	55	47	3	G3/8", G1/2", G3/4"	M5	5.5	73	60	22	206	30	32
XOL-...-MAXI	66	53	3	G3/4", G1"	M5	5.5	73	60	22	226	30	32,40

XOL Series Lubricator

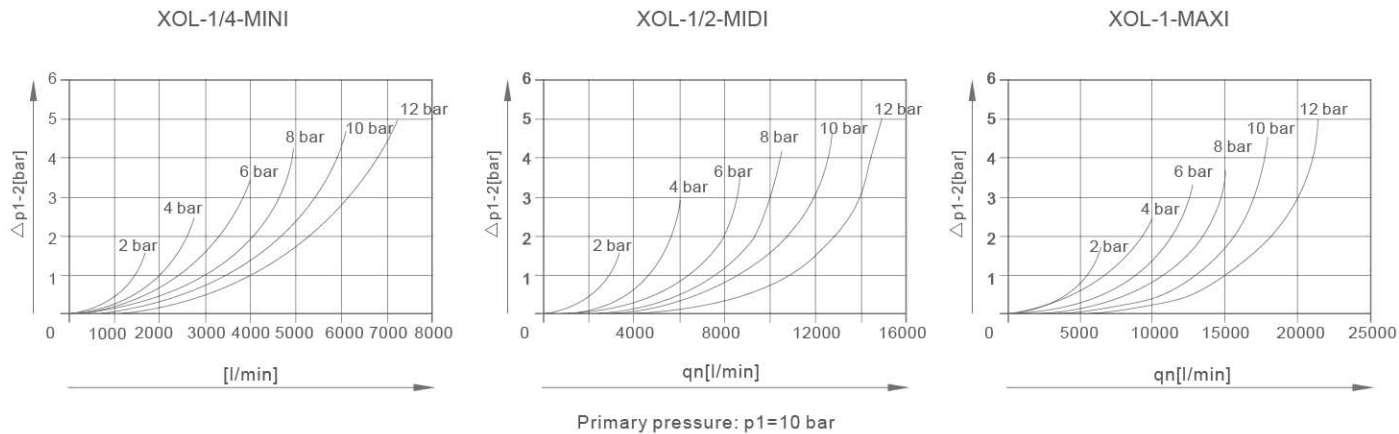
Internal structure



No	Name	Material
1	Upper glass	PC
2	Adjust screw	Brass
3	O-ring	NBR
4	Ornament cover(circular)	PO
5	Windshield chip	NBR
6	Windshield base	Brass
7	Flange-IN	Zinc alloy
8	O-ring	NBR
9	O-ring	NBR
10	Metal bowl guard	Aluminum alloy
11	Lubricator bowl	PC
12	Oil-filter plug	Brass powder sintered
13	O-ring	NBR
14	Screw base	Brass
15	Oil dropping	PC
16	Seal piece	NBR
17	OL Body	Zinc alloy
18	Flange-OUT	Zinc alloy
19	Allen screw	S35C
20	Bleeder screw	POM
21	O-ring	NBR
22	Valve pin	Brass
23	Double-end bolt	SUS
24	Steel ball	SUS304
25	Oil tube connection	POM
26	Oil tube	PU

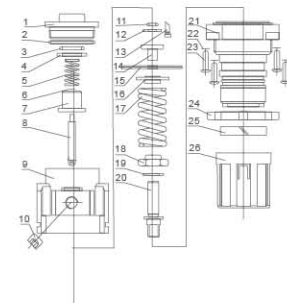
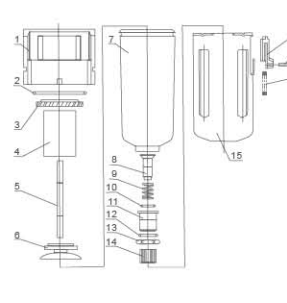
Flow diagram

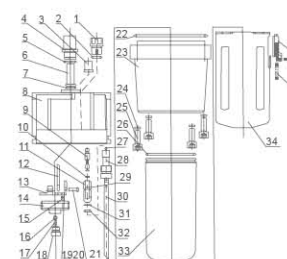
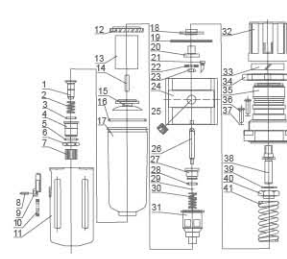
Standard flow rate qn as a function of the output pressure p2



XA Series Air Source Treatment Unit

F.R.L Part list

XAR3000	No	Name	Qty	Material	XAF3000	No	Name	Qty	Material
	1	Regulator seat	1	ZZnA14-1		1	Regulator Body	1	Aluminum
	2	O-ring	1	NBR		2	O-ring	1	NBR
	3	O-ring	1	NBR		3	Whirlwing blade	1	ABS
	4	Washer	1	Carbon steel		4	Filter Element	1	Brass
	5	Spring	1	Stainless steel		5	Bolt blard	1	Carbon Steel
	6	Retainer ring	1	Carbon steel		6	Drain blard	1	ABS
	7	Valve core	1	Brass		7	Water cup	1	Poly Carbonate
	8	Spool	1	Brass+NBR		8	Valve Core	1	Brass
	9	Regulator Body	1	Aluminum		9	Spring	1	Stainless steel
	10	Plug	1	Carbon steel		10	O-ring	1	NBR
	11	O-ring	1	NBR		11	Drain valve	1	Brass
	12	Retainer ring	1	Carbon steel		12	O-ring	1	NBR
	13	Pipe	1	POM		13	Hex Nut	1	Brass
	14	Diaphragm seat	1	Brass		14	Nut	1	Brass
	15	Diaphragm	1	NBR		15	Bowl guard	1	Carbon steel
	16	Spring seat	1	Carbon steel		16	Spring	1	Carbon steel
	17	Spring	1	Carbon steel		17	Pin	1	ABS
	18	Regulate Nut	1	Carbon steel		18	Lock	1	ABS
	19	Washer	1	POM					
	20	Regulate bolt	1	Carbon steel					
	21	Valve cover	1	Reinforce nylon					
	22	Spring washer	4	Carbon steel					
	23	Cross screw	4	Carbon steel					
	24	Nut	1	Reinforce nylon					
	25	Symbol ring	1	Reinforce nylon					
	26	Regulate handle	1	Reinforce nylon					

XAL3000	No	Name	Qty	Material	XAW3000	No	Name	Qty	Material
	1	Plug	1	ABS		1	Valve core	1	Brass
	2	O-ring	1	NBR		2	Spring	1	Stainless steel
	3	Oil regulate Screw	1	ABS		3	O-ring	1	NBR
	4	Oil drop tube	1	Polycarbonate		4	Drain valve	1	Brass
	5	O-ring	1	NBR		5	O-ring	1	NBR
	6	Oil drop tube	1	Polycarbonate		6	Hex Nut	1	Brass
	7	O-ring	1	NBR		7	Nut	1	Brass
	8	Lubricator Body	1	Aluminum		8	Pin	1	ABS
	9	Regulate needle	1	Brass		9	Lock	1	ABS
	10	O-ring	1	NBR		10	Spring	1	Stain Steel
	11	Oil regulate valve seat	1	Brass		11	Bowl guard	1	Carbon steel
	12	Reed	1	Poly urethane		12	Whirlwing blade	1	ABS
	13	Reed seat	1	ZZnA14-1		13	Filter element	1	Brass
	14	Bracket	1	ZZnA14-1		14	Bolt	1	Carbon Steel
	15	Small hole seat	1	Brass		15	Drain board	1	ABS
	16	Steel Ball	1	Carbon steel		16	O-ring	1	Brass
	17	Spring	1	Stainless steel		17	Water cup	1	Polycarbonate
	18	One way valve seat	1	Brass		18	Diaphragm Pollet	1	Carbon steel
	19	Reed seat board	1	ZZnA14-1		19	Diaphragm	1	NBR
	20	Screw	2	Carbon steel		20	Diaphragm seat	1	Brass
	21	Filter Element	1	NBR		21	Pipe	1	POM
	22	O-ring	1	NBR		22	Retainer ring	1	Carbon steel
	23	Middle Part	1	Aluminum		23	O-ring	1	NBR
	24	Spring washer	4	Carbon steel		24	Regulator Body	1	Aluminum
	25	Hex Screw	4	Carbon steel		25	Plug	1	Carbon steel
	26	O-ring	1	NBR		26	Spool	1	Brass+NBR
	27	Steel Ball	1	Carbon steel		27	Valve core	1	Brass
	28	Fitting	1	POM		28	O-ring	1	NBR
	29	Pin	1	Carbon steel		29	Retainer ring	1	Carbon steel
	30	Oil tube	1	PU		30	Spring	1	Stain steel
	31	O-ring	1	NBR		31	Overflow valve seat	1	ZZnA14-1
	32	O-ring	1	NBR		32	Regulate handle	1	Reinforce nylon
	33	Oil cup	1	Polycarbonate		33	Symbol ring	1	Reinforce nylon
	34	Bowl guard	1	Carbon steel		34	Nut	1	Reinforce nylon
	35	Spring	1	Stainless steel		35	Valve cover	1	Reinforce nylon
	36	Pin	1	ABS		36	Cross screw	4	Carbon steel
	37	Lock	1	ABS		37	Spring washer	4	Carbon steel
						38	Regulate Bolt	1	Carbon steel
						39	Washer	1	POM
						40	Regulate Nut	1	Carbon steel
						41	Spring	1	Carbon steel

XAC1000~5000 Series Air Source Treatment Unit(F.R.L Combination)



Graphic Symbol

Ordering Code

XA	C	4000	04			
Series	Function code	Body Size	Port Size	Drain Type	Metal Cup	Color
XA series	F.R.L Combination	1000 2000 3000 4000 5000	M5:M5×0.8 01:G1/8" 02:G1/4" 03:G3/8" 04:G1/2" 06:G3/4" 10:G1"	Blank:Manual Drain Type D:Auto Drain Type (Available for 2000 or above)	U: With Iron Cup L: With Aluminum Cup (Available for 2000)	Blank:Standard W:White

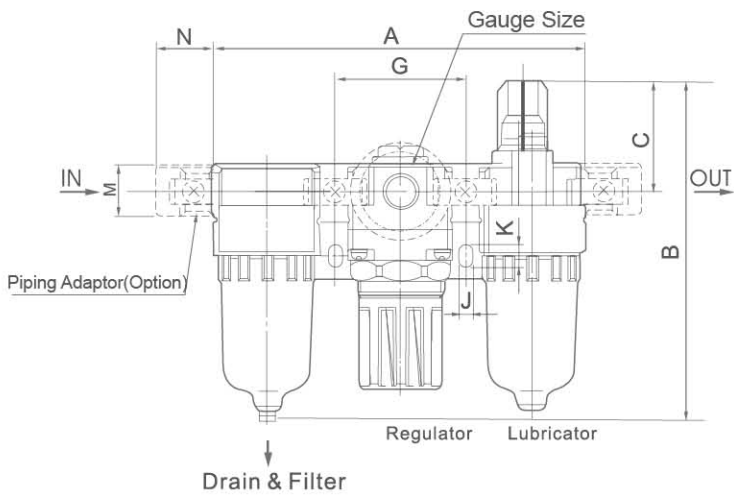
Specification

Model		XAC1000 -M5	XAC2000 -01	XAC2000 -02	XAC3000 -02	XAC3000 -03	XAC4000 -03	XAC4000 -04	XAC4000 -06	XAC5000 -06	XAC5000 -10
Rated Flow(L/min)		90	500	500	2000	2000	4000	4000	4500	5000	5000
Port Size		M5	G1/8"	G1/4"	G1/4"	G3/8"	G3/8"	G1/2"	G3/4"	G3/4"	G1"
Filter Precision		25μ									
Highest Working Pressure		1.0MPa									
Ensured pressure Resistance		1.5MPa									
Operating Temperature Range		5~60℃									
Range of Adjustable Pressure		0.05~0.7MPa					0.05~0.85MPa				
Recommended Oil Use		ISO VG 32									
Container Material		Polycarbonate									
Protective Cover		Not Available				Available					
Drain Function		Differential Drain					Differential Drain/Automatic Drain				
Valve Type		With Over flow									
Composing Elements	Filter	XAF1000-M5	XAF2000-01	XAF2000-02	XAF3000-02	XAF3000-03	XAF4000-03	XAF4000-04	XAF4000-06	XAF5000-06	XAF5000-10
	Regulator	XAR1000-M5	XAR2000-01	XAR2000-02	XAR3000-02	XAR3000-03	XAR4000-03	XAR4000-04	XAR4000-06	XAR5000-06	XAR5000-10
	Lubricator	XAL1000-M5	XAL2000-01	XAL2000-02	XAL3000-02	XAL3000-03	XAL4000-03	XAL4000-04	XAL4000-06	XAL5000-06	XAR5000-10

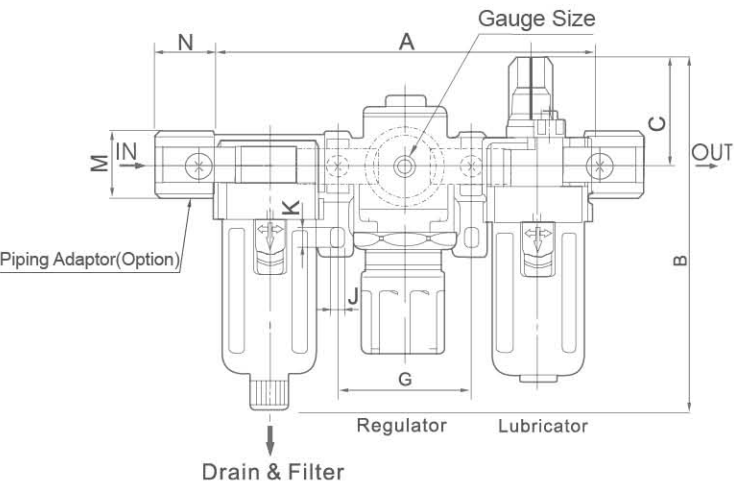
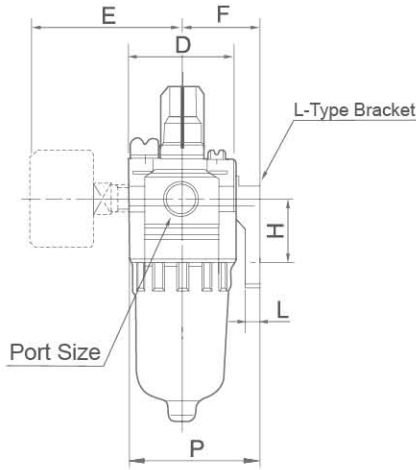
Note:We have upgraded Oil Drop Accessories on Lubricator of XA series 2000-5000 same to the XO series.

XAC1000~5000 Series Air Source Treatment Unit(F.R.L Combination)

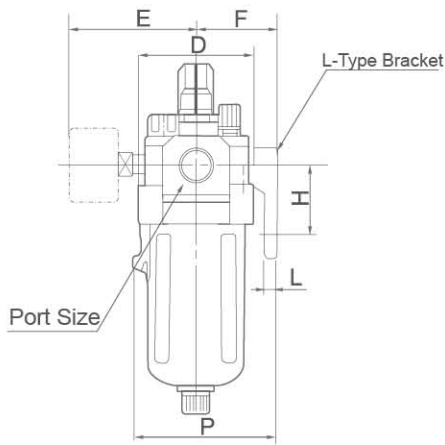
Overall Dimensions



XAC1010~2010



XAC3000~5000



Dimension Sheet

Model	Port Size(G)	A	B	C	D	E	F	G	H	J	K	L	M	N	P
XAC1000	M5	91	84.5	25.5	25	26	25	33	20	4.5	7.5	5	17.5	16	38.5
XAC2000	G1/8" ~G1/4"	140	128.5	38	40	56.8	30	50	24	5.5	8.5	5	22	23	50
XAC3000	G1/4" ~G3/8"	181	166	38	53	60.8	41	64	35	7	11	7	34.2	26	70.5
XAC4000	G3/8" ~1/2"	238	201	41	70	65.5	50	84	40	9	13	7	42.2	33	88
XAC4000-06	G3/4"	253	201	40.5	70	69.5	50	89	40	9	13	7	46.2	36	88
XAC5000	G3/4" ~G1"	300	276	48	90	75.5	70	105	50	12	16	10.5	55.5	40	115

XAC1010~5010 Series Air Source Treatment Unit(FR.L Combination)



XAC5010-10



XAC4010-04

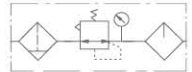


XAC2010-02



XAC2000-02L

Graphic Symbol



Ordering Code

XA

Series
XA series

C

Function code
F.R.L Combination

4000

Body Size
1010
2010
3010
4010
5010

04

Port Size
M5:M5×0.8
01:G1/8"
02:G1/4"
03:G3/8"
04:G1/2"
06:G3/4"
10:G1"

Drain Type
Blank:Manual
Drain Type
D:Auto Drain Type
(Available for 2000
or above)

Metal Cup
U: With Iron Cup
L: With Aluminum Cup
(Available for 2000)

Color
Blank:Standard
W:White

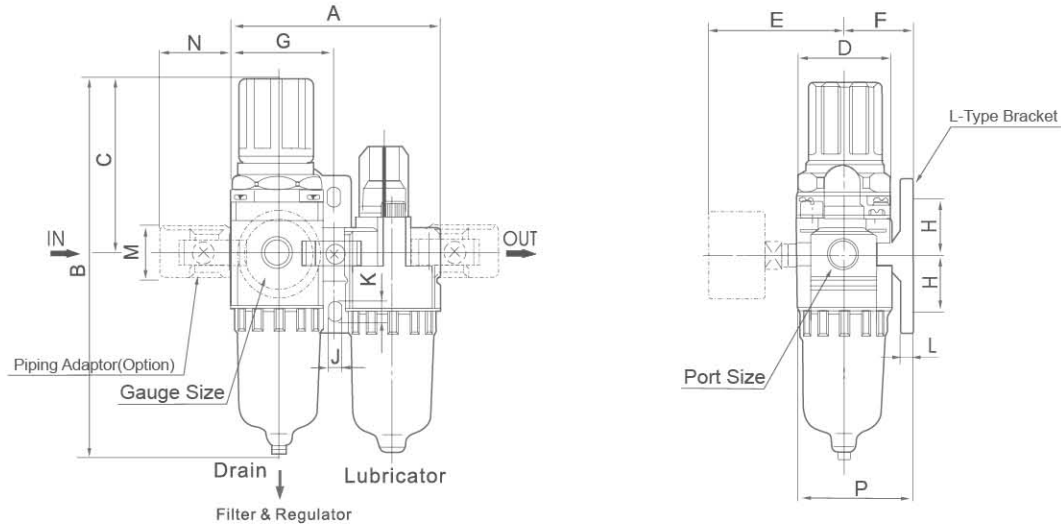
Specification

Model		XAC1010 -M5	XAC2010 -01	XAC2010 -02	XAC3010 -02	XAC3010 -03	XAC4010 -03	XAC4010 -04	XAC4010 -06	XAC5010 -06	XAC5010 -10
Rated Flow(L/min)		90	500	500	1700	1700	3000	3000	3000	4000	4000
Port Size		M5	G1/8"	G1/4"	G1/4"	G3/8"	G3/8"	G1/2"	G3/4"	G3/4"	G1"
Filter Precision		25μ									
Highest Working Pressure		1.0MPa									
Ensured pressure Resistance		1.5MPa									
Operating Temperature Range		5~60℃									
Range of Adjustable Pressure		0.05~0.7MPa					0.05~0.85MPa				
Recommended Oil Use		ISO VG 32									
Container Material		Polycarbonate									
Protective Cover		Not Available				Available					
Drain Function		Differential Drain				Differential Drain/Automatic Drain					
Valve Type		With Over flow									
Composing Elements	Filter&Regulator	XAW1000-M5	XAW2000-01	XAW2000-02	XAW3000-02	XAW3000-03	XAW4000-03	XAW4000-04	XAW4000-06	XAW5000-06	XAW5000-10
	Lubricator	XAL1000-M5	XAL2000-01	XAL2000-02	XAL3000-02	XAL3000-03	XAL4000-03	XAL4000-04	XAL4000-06	XAL5000-06	XAL5000-10

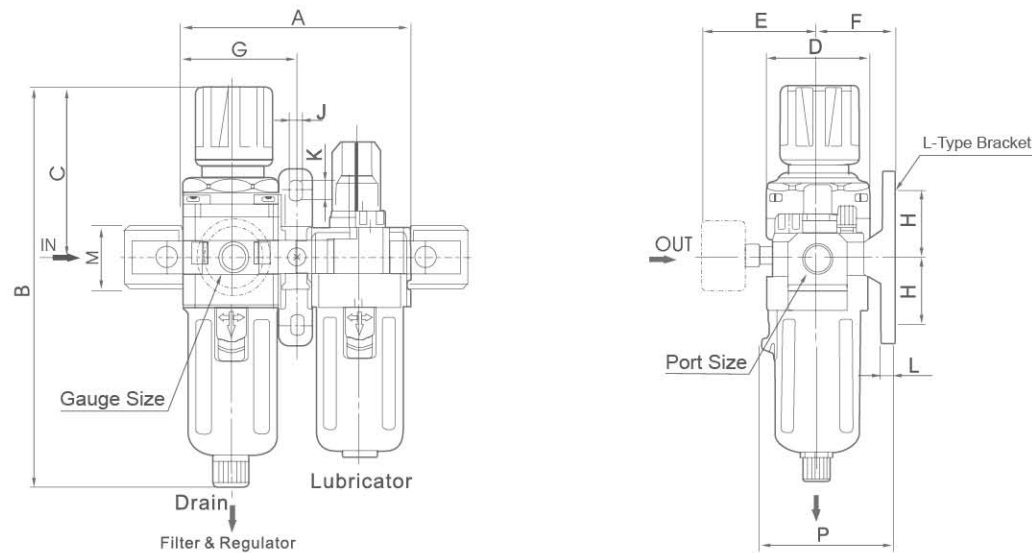
Note:We have upgraded Oil Drop Accessories on Lubricator of XA series 2000-5000 same to the XO series.

XAC1010~5010 Series Air Source Treatment Unit(FR.L Combination)

Overall Dimensions



XAC1010~2010



XAC3010~5010

Dimension Sheet

Model	Port Size(G)	A	B	C	D	E	F	G	H	J	K	L	M	N	P
XAC1010	M5	58	109.5	50.5	25	26	25	29	20	4.5	7.5	5	17.5	16	38.5
XAC2010	G1/8" ~G1/4"	90	164.5	78	40	56.8	30	45	24	5.5	8.5	5	22	23	50
XAC3010	G1/4" ~G3/8"	117	211	92.5	53	60.8	41	58.5	35	7	11	7	34.2	26	70.5
XAC4010	G3/8" ~1/2"	154	262	112	70	70.5	50	77	40	9	13	7	42.2	33	88
XAC4010-06	G3/4"	164	267	114	70	70.5	50	82	40	9	13	7	46.2	36	88
XAC5010	G3/4" ~G1"	195	338	116	90	75.5	69.8	97.5	50	12	16	10.5	55.5	40	115

XAF1000~5000 Series Air Filter



Ordering Code

XA	F	4000	-	04					
Series	Body Size	Port Size	Drain Type	Metal Cup	Color				
XA Series	1000 2000 3000 4000 5000	M5:M5×0.8 01:G1/8" 02:G1/4" 03:G3/8" 04:G1/2" 06:G3/4" 10:G1"	Blank:Manual Drain Type D:Auto Drain Type (Available for 2000 or above)	U: With Iron Cup L: With Aluminum Cup (Available for 2000)	Blank:Standard W:White				

Function code Filter

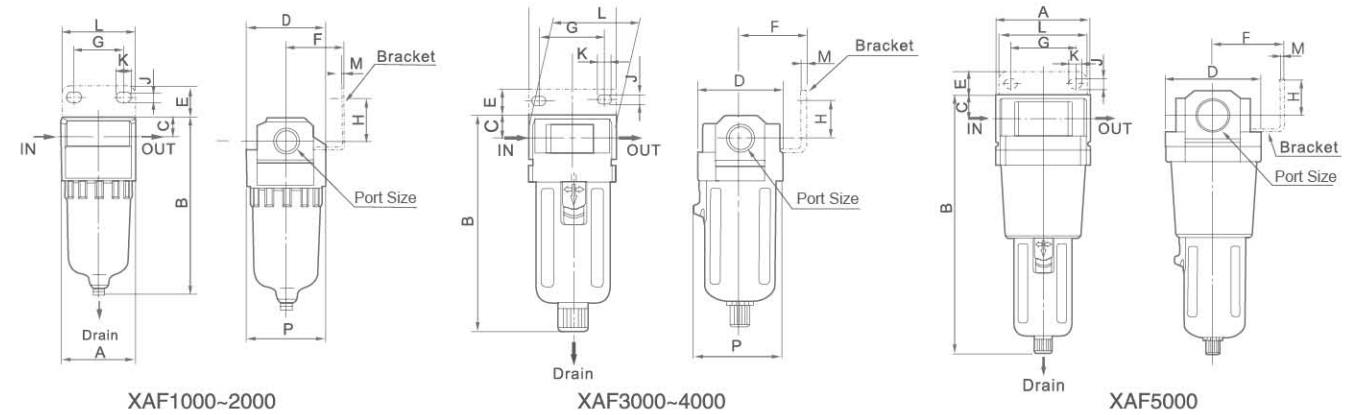
XAF5000-10 XAF4000-04 XAF2000-02



Specification

Model	XAF1000 -M5	XAF2000 -01	XAF2000 -02	XAF3000 -02	XAF3000 -03	XAF4000 -03	XAF4000 -04	XAF4000 -06	XAF5000 -06	XAF5000 -10
Rated Flow(L/min)	110	750	750	1500	1500	4000	4000	6000	7000	7000
Port Size	M5	G1/8"	G1/4"	G1/4"	G3/8"	G3/8"	G1/2"	G3/4"	G3/4"	G1"
Filter Precision	25μ									
Highest Working Pressure	1.0MPa									
Ensured pressure Resistance	1.5MPa									
Operating Temperature Range	5~60℃									
Container Material	Polycarbonate									
Protective Cover	Not Available					Available				
Drain Function	Differential Drain					Differential Drain, Automatic Drain				

Overall Dimensions



XAF1000~2000

XAF3000~4000

XAF5000

Dimension Sheet

Model	Port Size(G)	A	B	C	D	E	F	G	H	J	K	L	M	P
XAF1000	M5	25	66	7	25	-	-	-	-	-	-	-	-	26.5
XAF2000	G1/8" ~G1/4"	40	97.5	11	40	17	30	27	22	5.4	8.4	40	2.3	40
XAF3000	G1/4" ~G3/8"	53	132.5	14	53	16	41	40	23	6.5	8	53	2.3	56
XAF4000	G3/8" ~1/2"	70	168.5	18	70	17	50	54	26	8.5	10.5	70	2.3	73
XAF4000-06	G3/4"	75	172.5	20	70	14	50	54	25	8.5	10.5	70	2.3	73
XAF5000	G3/4" ~G1"	90	247.5	24	90	23	66.5	66	35	11	13	90	3.2	90

XAR 1000~5000 Series Regulator



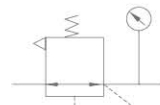
Ordering Code

XA **R** **4000** — **04** — 

Series XA Series
Function code Regulator
Body Size 1000
2000
3000
4000
5000
Port Size M5:M5×0.8
01:G1/8"
02:G1/4"
03:G3/8"
04:G1/2"
06:G3/4"
10:G1"
Color Blank:Standard
W:White

XAR5000-10 XAR4000-04 XAR2000-02

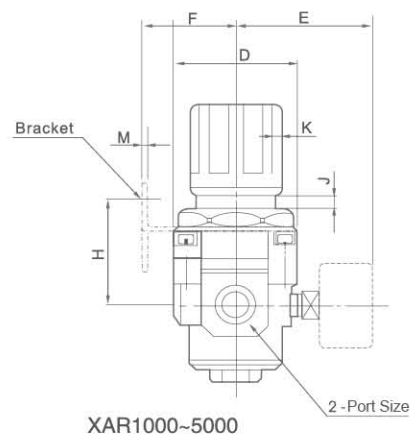
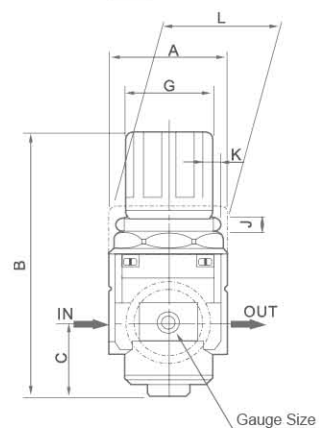
Graphic Symbol



Specification

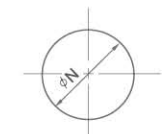
Model	XAR1000 -M5	XAR2000 -01	XAR2000 -02	XAR3000 -02	XAR3000 -03	XAR4000 -03	XAR4000 -04	XAR4000 -06	XAR5000 -06	XAR5000 -10
Rated Flow	100	550	550	2500	2500	6000	6000	6000	8000	8000
Port Size	M5	G1/8"	G1/4"	G1/4"	G3/8"	G3/8"	G1/2"	G3/4"	G3/4"	G1"
Highest Working Pressure	0.7MPa					1.0MPa				
Ensured pressure Resistance		1.5MPa								
Operating Temperature Range	5~60℃									
Range of Adjustable Pressure	0.05~0.7MPa		0.05~0.85MPa							
Valve Type	With Overflow									

Overall Dimensions



XAR1000~5000

Panel cutting Hole

AR1000~3000:Max3.5
AR4000~5000:Max5

Dimension Sheet

Model	Port Size (G)	A	B	C	D	E	F	G	H	J	K	L	M	N
XAR1000	M5	25	61.5	11	25	26	25	28	30	4.5	6.5	40	2	20.5
XAR2000	G1/8" ~G1/4"	40	95	17	40	56.8	30	34	44	5.4	15.4	55	2.3	33.5
XAR3000	G1/4" ~G3/8"	53	127.5	35	53	60.8	41	40	46	6.5	8	53	2.3	42.5
XAR4000	G3/8" ~1/2"	70	149.5	37.5	70	65.5	50	54	54	8.5	10.5	70	2.3	52.5
XAR4000-06	G3/4"	75	154	40.5	70	69.5	50	54	56	8.5	10.5	70	2.3	52.5
XAR5000	G3/4" ~G1"	90	168	48	90	75.5	70	66	65.8	11	13	90	3.2	52.5

XAW 1000~5000 Series Filter & Regulator



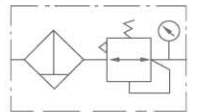
Ordering Code

XA **W** **4000** — **04** —  —  — 

Series XA Series
Function code Filter & Regulator
Body Size 1000
2000
3000
4000
5000
Port Size M5:M5×0.8
01:G1/8"
02:G1/4"
03:G3/8"
04:G1/2"
06:G3/4"
10:G1"
Drain Type Blank:Manual
Drain Type
D:Auto Drain Type
(Available for 2000 or above)
Metal Cup U: With Iron Cup
L: With Aluminum Cup
(Available for 2000)
Color Blank:Standard
W:White

XAW5000-10 XAW4000-04 XAW2000-02

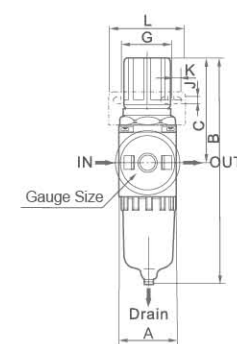
Graphic Symbol



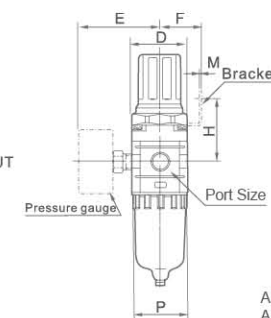
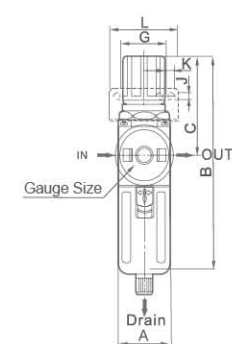
Specification

Model	XAW1000-M5	XAW2000-01	XAW2000-02	XAW3000-02	XAW3000-03	XAW4000-03	XAW4000-04	XAW4000-06	XAW5000-06	XAW5000-10
Rated Flow(L/min)	100	550	550	2000	2000	4000	4000	4500	5500	5500
Port Size	M5	G1/8"	G1/4"	G1/4"	G3/8"	G3/8"	G1/2"	G3/4"	G3/4"	G1"
Filter Precision	25μ									
Highest Working Pressure	1.0MPa									
Ensured pressure Resistance	1.5MPa									
Operating Temperature Range	5~60℃									
Range of Adjustable Pressure	0.05~0.7MPa					0.05~0.85MPa				
Container Material	Polycarbonate									
Protective Cover	Not Available					Available				
Drain Function	Differential Drain			Differential Drain, Automatic Drain						
Valve Type	With Overflow									

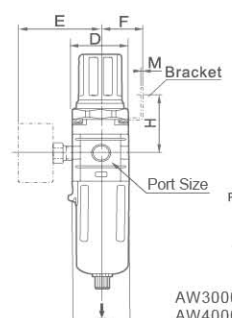
Overall Dimensions



XAW1000~2000

AW1000:Max.gage 3.5
AW2000:Max.gage 5

XAW3000~5000

AW3000:Max.gage 3.5
AW4000~5000:Max.gage 5

Dimension Sheet

Model	Port Size (G)	A	B	C	D	E	F	G	H	J	K	L	M	N	P
XAW1000	M5	25	109.5	50.5	25	26	25	28	30	4.5	6.5	40	2	20.5	28
XAW2000	G1/8" ~G1/4"	40	164.5	78	40	56.8	30	34	43.5	5.4	15.4	55	2.3	33.5	40
XAW3000	G1/4" ~G3/8"	53	211	92.5	53	60.8	41	40	46	6.5	8	53	2.3	42.5	56
XAW4000	G3/8" ~1/2"	70	262	112	70	70.5	50	54	53.5	8.5	10.5	70	2.3	52.2	73
XAW4000-06	G3/4"	75	267	114	70	70.5	50	54	55.5	8.5	10.5	70	2.3	52.5	73
XAW5000	G3/4" ~G1"	90	338	116	90	75.5	69.8	54	62	8.5	10.5	70	3.2	52.5	90

XAL 1000~5000 Series Lubricator



Ordering Code

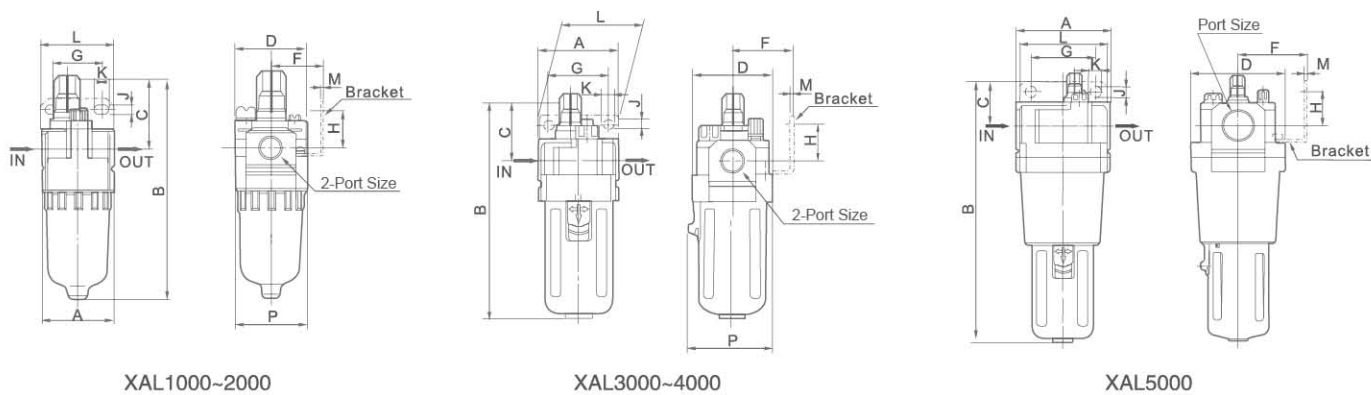
XA	L	4000	04		
Series	Function code	Body Size	Port Size	Metal Cup	Color
XA Series	Lubricator	1000 2000 3000 4000 5000	M5:M5×0.8 01:G1/8" 02:G1/4" 03:G3/8" 04:G1/2" 06:G3/4" 10:G1"	U: With Iron Cup L: With Aluminum Cup (Available for 2000)	Blank:Standard W:White

XAL5000-10 XAL4000-04 XAL2000-02

Specification

Model	XAL1000-M5	XAL2000-01	XAL2000-02	XAL3000-02	XAR3000-03	XAL4000-03	XAL4000-04	XAL4000-06	XAL5000-06	XAL5000-10
Rated Flow	95	800	800	1700	1700	5000	5000	6300	7000	9000
Port Size	M5	G1/8"	G1/4"	G1/4"	G3/8"	G3/8"	G1/2"	G3/4"	G3/4"	G1"
Highest Working Pressure	1.0MPa									
Ensured pressure Resistance	1.5MPa									
Operating Temperature Range	5~60℃									
Recommended Oil Use	ISO VG 32									
Container Material	Polycarbonate									
Protective Cover	Not Available					Available				

Overall Dimensions



Dimension Sheet

Model	Port Size (G)	A	B	C	D	F	G	H	J	K	L	M	P
XAL1000	M5	25	81.5	25.5	25	-	-	-	-	-	-	-	27
XAL2000	G1/8"~G1/4"	40	125.5	38	40	30	27	22	5.4	8.4	40	2.3	40
XAL3000	G1/4"~G3/8"	53	150	38	53	41	40	23	6.5	8	53	2.3	56
XAL4000	G3/8"~1/2"	70	185	41	70	50	54	26	8.5	10.5	70	2.3	73
XAL4000-06	G3/4"	75	185	39	70	50	54	25	8.5	10.5	70	2.3	73
XAL5000	G3/4"~G1"	90	260	45	90	66.5	66	35	11	13	90	3.2	90

Note: We have upgraded Oil Drop Accessories on Lubricator of XA series 2000-5000 same to the XO series.

XAF 8000~9000 Series Air Filter



Ordering Code

XA	F	8000	—	14	
Series	Function code	Body Size		Port Size	Drain Type
XA Series	Filter	8000 9000		12: G1½" 14: G1½" 20: G2"	Blank:Manual Drain Type D:Auto Drain Type

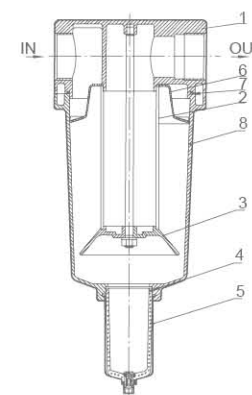
XAF9000-20

Specification

Model	XAF8000-12	XAF8000-14	XAF9000-20
Rated Flow(L/min)	11500	11500	18500
Port Size	G1½"	G1½"	G2"
Bowl Capacity(cm³)	180		
Filter Precision	25μ		
Highest Working Pressure	1.0MPa		
Ensured pressure Resistance	1.5MPa		
Operating Temperature Range	5~60℃		
Container Material	Polycarbonate		
Protective Cover	Available		
Drain Function	Differential Drain		

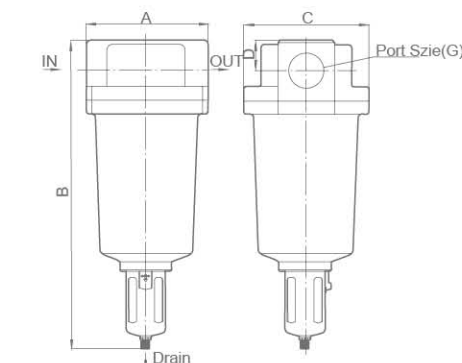
Under the circumstance that the supply pressure is 0.7MPa(7.1kgf/cm²) and step down is 0.5MPa(0.5kgf/cm²)

Internal structure



No.	Name	Material
1	Valve Body	Aluminum Die Casting
2	Filter	Brass
3	Drain Board	ADC12
4	O-ring	Rubber
5	Water Storage Cup(Shield)	Polycarbonate(Cold Rolled Sheet)
6	Whirlwind Blade	LY11
7	O-ring	Rubber
8	Middle Part	Aluminum Die Casting

Overall Dimensions



Dimension Sheet

Model	Port Size(G)	A	B	C	D
XAF8000	1½ 1½	150	390	140	33
XAF9000	2	190	470	190	46

XAR 8000~9000 Series Regulator



XAR9000-20

Ordering Code

XA

Series
XA Series

R

Function
code
Regulator

8000

Body Size
8000
9000

14

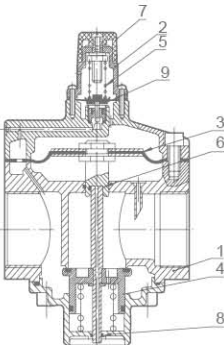
Port Size
14: G1½"
20: G2"

Specification

Model	XAR8000-14	XAR9000-20
Rated Flow(L/min)	18000	22000
Port Size	G1½"	G2"
Highest Working Pressure	1.0MPa	
Ensured pressure Resistance	1.5MPa	
Operating Temperature Range	5~60℃	
Range of Adjustable Pressure	0.05~0.85MPa	
Valve Type	With Overflow	
Pressure Gauge size	1/4	

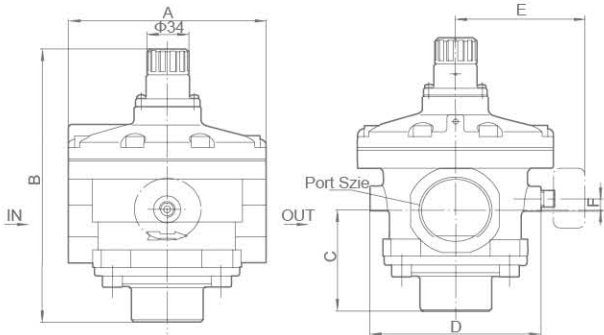
Under the circumstance that the supply pressure is 0.7MPa(7.1kgf/cm²)and step down is 0.5MPa(0.5kgf/cm²)

Internal structure



No.	Name	Material
1	Valve Body	Aluminum Die Casting
2	Bonnet	Aluminum Die Casting
3	Film	Rubber
4	Valve Core	Brass,Rubber
5	Spring	Stainless steel
6	O-ring	Rubber
7	Hand Wheel	Enhance nylon
8	O-ring	Rubber
9	Film	Rubber

Overall Dimensions



Dimension Sheet

Model	Port Size(G)	A	B
XAR8000	1½	Φ126	216
XAR9000	2	Φ160	242

Model	C	D	E	F
XAR8000	75	110	90.5	5
XAR9000	90	140	105.5	10

XGC Serie Air Source Treatment Unit(F.R.L Combination)



XGC3-03

Ordering Code

XGC2

Series Code
Filter+Regulator+
Lubricator

01

Port Size
01:G1/8"
02:G1/4"
03:G3/8"
04:G1/2"

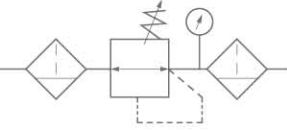
□

Drain Type
Blank:Differential Drain
D:Automatic Drain

L

Pressure Range
Blank:Standard
L:Low-Pressure Type

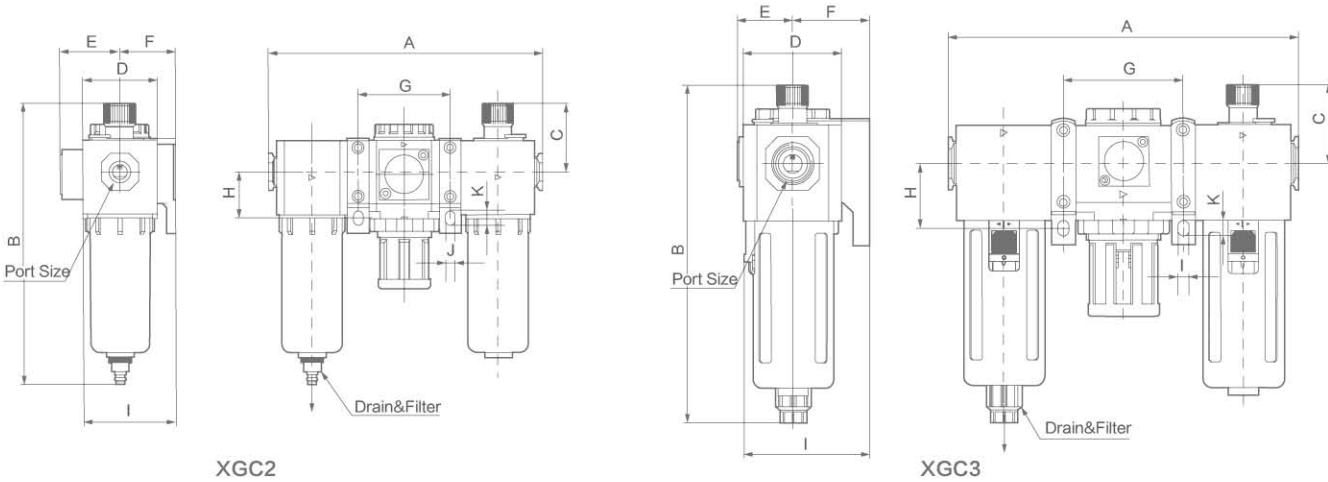
Graphic Symbol



Specification

Model		XGC2-01	XGC2-02	XGC3-02	XGC3-03	XGC3-04
Working Medium		Compressed Air				
Port Size		G1/8"	G1/4"	G1/4"	G3/8"	G1/2"
Filter Precision		40μm or 5μm				
Pressure Range		Manual And Differential Pressure Drainage Type: 0.15~0.19MPa Manual Drain: 0.05~0.9MPa				
Ensured pressure Resistance		1.5MPa				
Operating Temperature Range		5~60℃				
Water Cup Capacity		15CC			40CC	
Oil Cup Capacity		25CC			75CC	
Constitute	Filter	XGF2-01	XGF2-02	XGF3-02	XGF3-03	XGF3-04
	Regulator	XGR2-01	XGR2-02	XGR3-02	XGR3-03	XGR3-04
	Lubricator	XGL2-01	XGL2-02	XGL3-02	XGL3-03	XGL3-04

Overall Dimensions



Dimension Sheet

Model	Port Size	A	B	C	D	E	F	G	H	I	J	K
XGC2	G1/8~1/4"	146.5	152	37	40	31.5	30	50	25	50	5	8
XGC3	G1/4~1/2"	188.5	182.5	42.5	53	29	41.5	64	35	68	6	8.5

XGWL Serie Air Source Treatment Unit(FR.L Combination)



Ordering Code

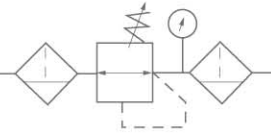
XGWL2 — **01**  **L**

Series Code
Filter&Regulator+
Lubricator

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

Drain Type
Blank:Differential Drain
D:Automatic Drain

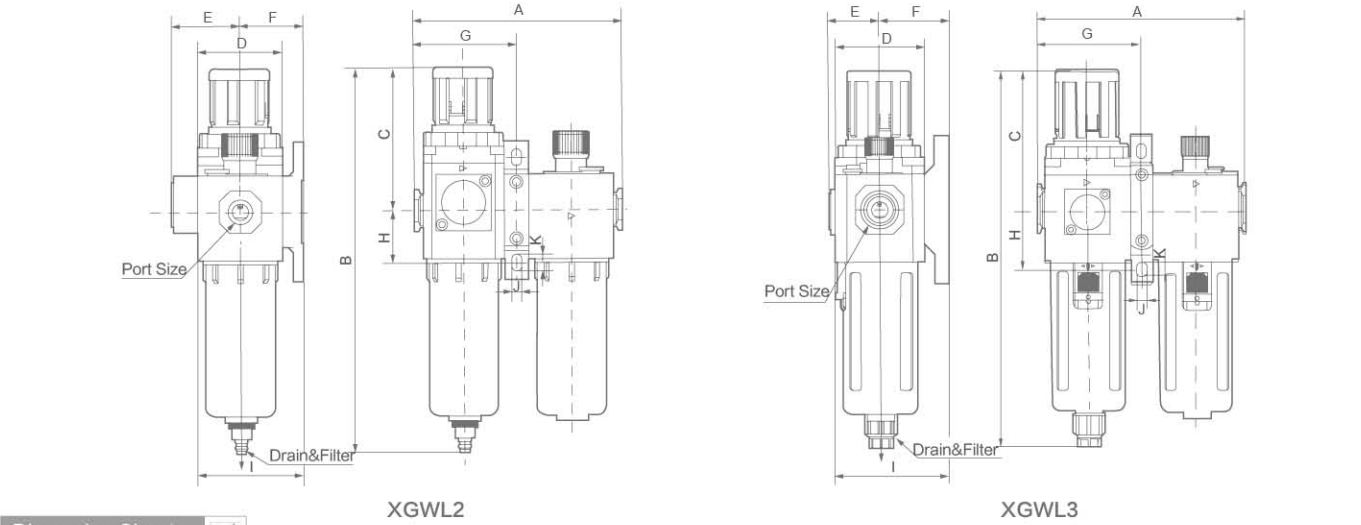
Pressure Range
Blank:Standard
L:Low-Pressure Type

Graphic Symbol 

Specification

Model	XGWL2-01	XGWL2-02	XGWL2-02	XGWL3-03	XGWL3-04	
Working Medium			Compressed Air			
Port Size	G1/8"	G1/4"	G1/4"	G3/8"	G1/2"	
Filter Precision	40μm or 5μm					
Pressure Range	Manual And Differential Pressure Drainage Type: 0.15~0.19MPa			Manual Drain: 0.05~0.9MPa		
Ensured pressure Resistance	1.5MPa					
Operating Temperature Range	5~60 ℃					
Water Cup Capacity	15CC		40CC			
Oil Cup Capacity	25CC		75CC			
Constitute	Filter&Regulator	XGFR2-01	XGFR2-02	XGFR3-02	XGFR3-03	XGFR3-04
	Lubricator	XGL2-01	XGL2-02	XGL3-02	XGL3-03	XGL3-04

Overall Dimensions



Model	Port Size	A	B	C	D	E	F	G	H	I	J	K
XGWL2	G1/8~1/4"	97	183	68	40	31.5	30	48.5	25	50	5	8
XGWL3	G1/4~1/2"	124	224	82.5	53	29	41.5	62	35	68	6	8.5

XGF Series Air Filter



Ordering Code

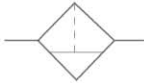
XGF2 — **01** **D** **W**

Series Code
Filter

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

Drain Type
Blank:Differential Drain
D:Automatic Drain

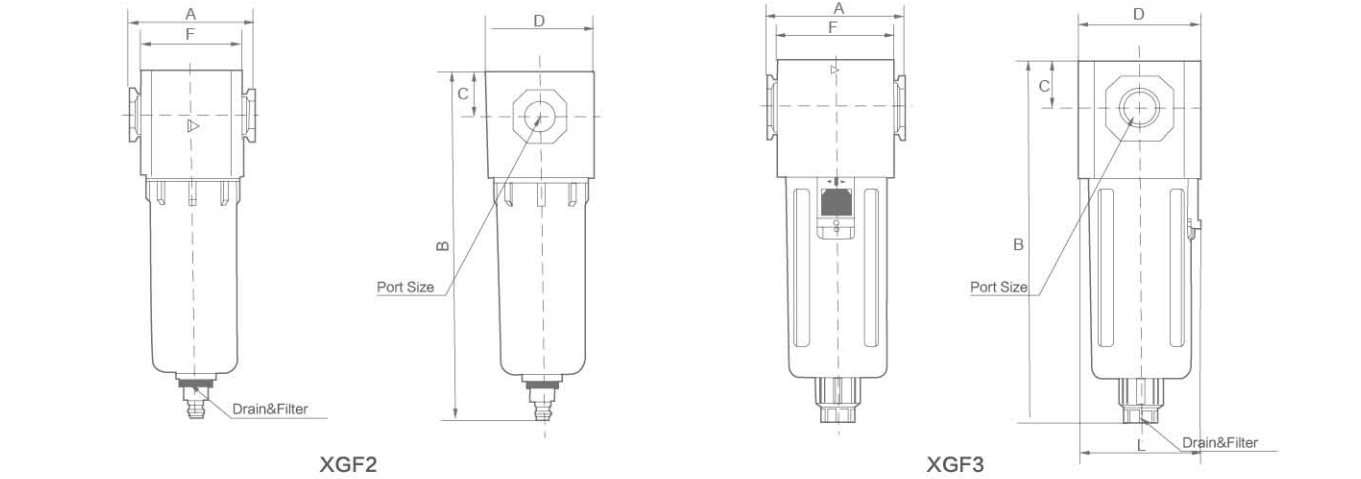
Filter Precision
Blank: 40µm
W:5µm

Graphic Symbol 

Specification

Model	XGF2-01	XGF2-02	XGF3-02	XGF3-03	XGF3-04
Working Medium	Compressed Air				
Port Size	G1/8"	G1/4"	G1/4"	G3/8"	G1/2"
Filter Precision	40µm or 5µm				
Pressure Range	Manual And Differential Pressure Drainage Type: 0.15~0.19MPa Manual Drain: 0.05~0.9MPa				
Ensured pressure Resistance	1.5MPa				
Operating Temperature Range	5~60℃				
Water Cup Capacity	20CC			40CC	

Overall Dimensions



Model	Port Size	A	B	C	D	F	L
XGF2	G1/8~1/4"	47	132	17	40	38	--
XGF3	G1/4~1/2"	60	161	21	53	51	53

XGFR Series Filter&Regulator



Ordering Code

XGFR2

Series Code
Filter+Regulator

01

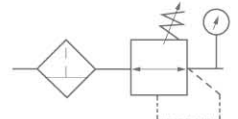
Port Size
G1/8"
G1/4"
G1/4"
G3/8"
G1/2"

L

Pressure Range
Blank:Standard
L:Low-Pressure Type

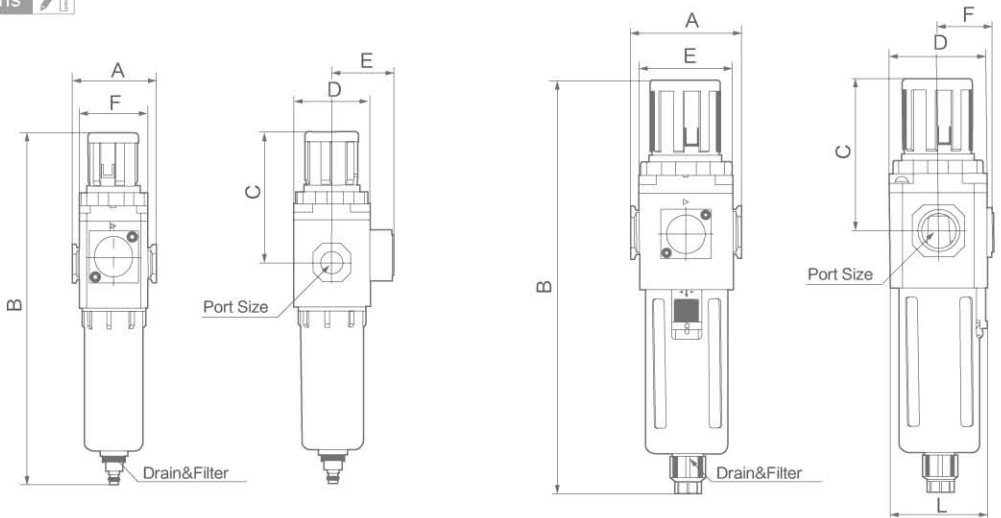
☐

Bracket
Blank:Without bracket
J:With bracket



Model	XGFR2-01	XGFR2-02	XGFR3-02	XGFR3-03	XGFR3-04
Working Medium	Compressed Air				
Port Size	G1/8"	G1/4"	G1/4"	G3/8"	G1/2"
Filter Precision	40μm or 5μm				
Pressure Range	Manual And Differential Pressure Drainage Type: 0.15~0.19MPa Manual Drain: 0.05~0.9MPa				
Ensured pressure Resistance	1.5MPa				
Operating Temperature Range	5~60℃				
Water Cup Capacity	15CC		40CC		

Overall Dimensions



XGFR 2

XGFR 3

Model	Port Size	A	B	C	D	F	L
XGFR2	G1/8~1/4"	47	183	68	40	32.5	--
XGFR3	G1/4~1/2"	60	224	82.5	53	51	53

XGL Series Lubricator



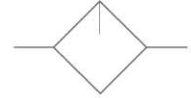
Ordering Code

XGL2

Series Code
Lubricator

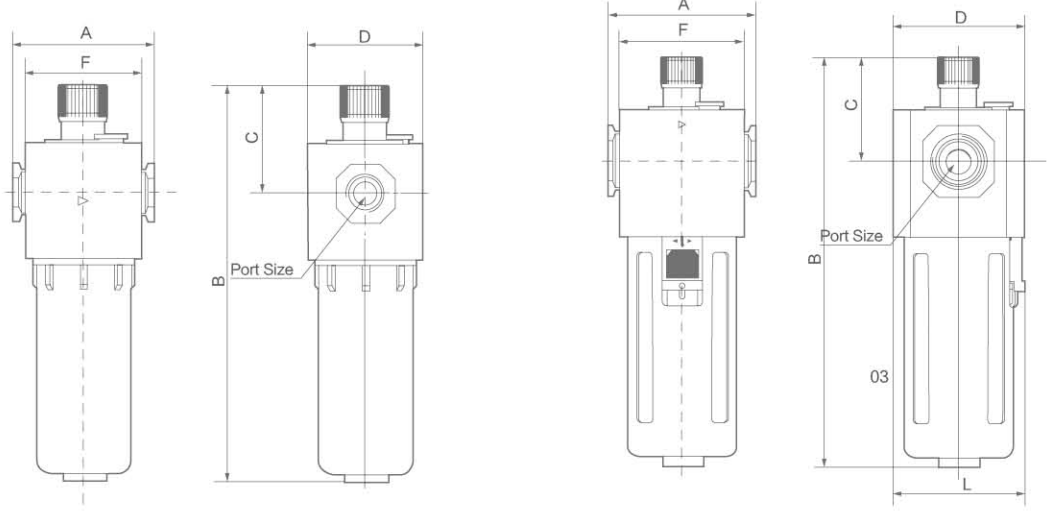
01

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



Model	XGL2-01	XGL2-02	XGL3-02	XGL3-03	XGL3-04
Working Medium	Compressed Air				
Port Size	G1/8"	G1/4"	G1/4"	G3/8"	G1/2"
Pressure Range	0.05~0.9MPa				
Ensured pressure Resistance	1.5MPa				
Recommended Oil Use	ISO VG32				
Oil Cup Capacity	25CC		75CC		

Overall Dimensions



XGL2

XGL3

Model	Port Size	A	B	C	D	F	L
XGL2	G1/8~1/4"	47	137	37	40	38	--
XGL3	G1/4~1/2"	60	168	42.5	53	51	53

XGR Series Regulator



Ordering Code

XGR2

—

01

L

Series Code

Regulator

Port Size

G1/8"
G1/4"
G1/4"
G3/8"
G1/2"

Pressure Range

Blank:Standard
L:Low-Pressure Type

Bracket

Blank:Without bracket
J:With bracket

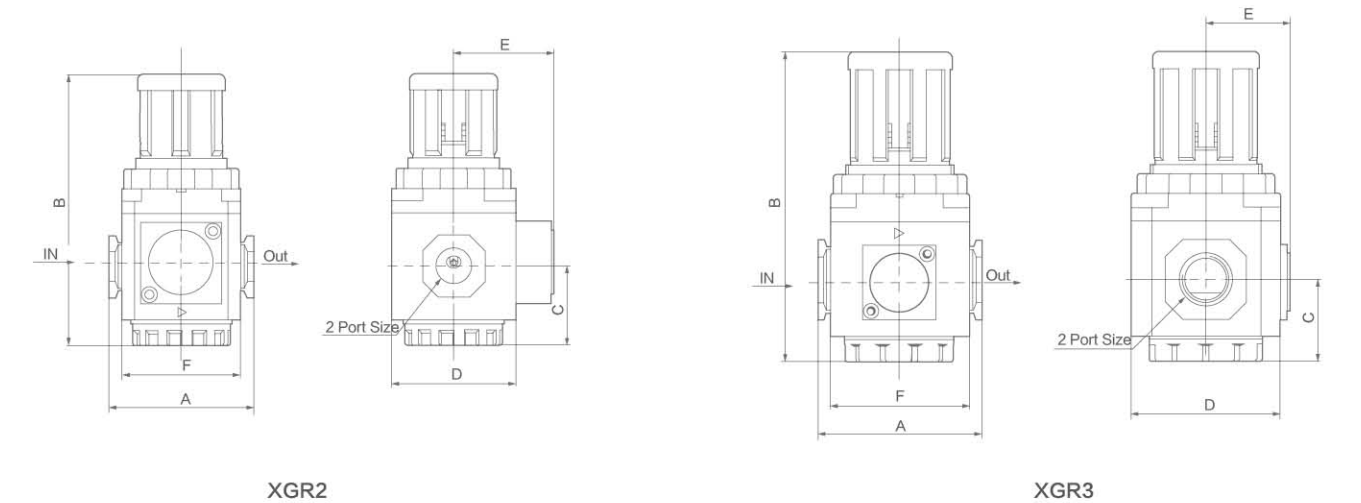
XGR3-03

XGR2-02

Specification

Model	XGR2-01	XGR2-02	XGR3-02	XGR3-03	XGR3-04
Working Medium	Compressed Air				
Port Size	G1/8"	G1/4"	G1/4"	G3/8"	G1/2"
Pressure Range	0.05~0.9MPa				
Ensured pressure Resistance	1.5MPa				
Operating Temperature Range	5~60℃				

Overall Dimensions



Dimension Sheet

Model	Port Size	A	B	C	D	F	I
XGR2	G1/8~1/4"	47	89	26	40	32.5	38
XGR3	G1/4~1/2"	60	112	29.5	53	30	51

XMAC 2000~5000 Series Air Source Treatment Unit(F.R.L Combination)



Ordering Code

XMA

C

3000

—

04

Series

XMA Series

Function code

Filter+Regulator+
Lubricator

Specification Code

2000
3000
4000
5000

Port Size

01:G1/8"
02:G1/4"
03:G3/8"
04:G1/2"
06:G3/4"
10:G1"

Drain Type

Blank:Manual
Drain Type
D:Auto Drain Type
(Available for 3000
or above)

XMAC4000-04

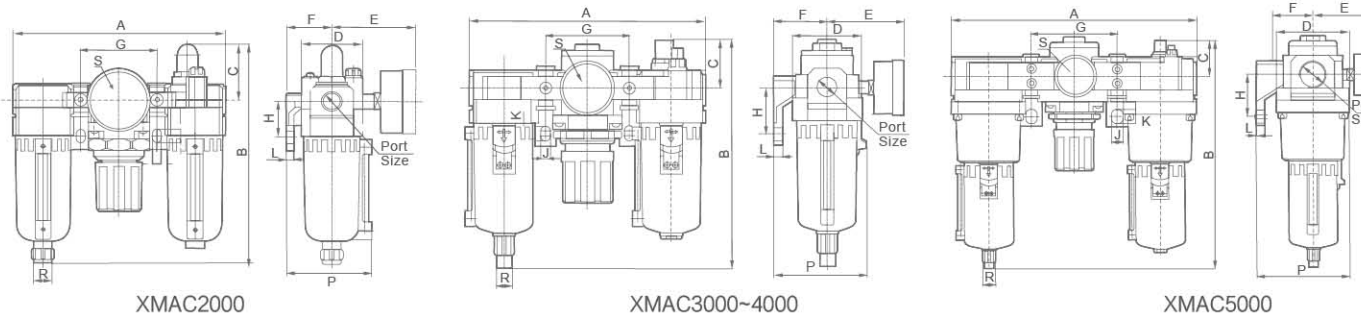
XMAC2000-02



Specification

Model	XMAC2000-01	XMAC2000-02	XMAC3000-02	XMAC3000-03	XMAC4000-03	XMAC4000-04	XMAC4000-06	XMAC5000-06	XMAC5000-10
Ensured Pressure Resistance	1.5MPa(15kgf/cm ²)								
Highest Working Pressure	1.0MPa(10kgf/cm ²)								
Operating Temperature Range	5~60℃								
Filter Precision	25μ & 5μ & 50μ								
Recommended Oil Use	Turbine NO.1 Oil ISOVG32								
Container Material	Aluminum Die Casting								
Pressure Regulating Range	0.05~0.85MPa(0.05~0.85kgf/cm ²)								
Valve Type	With Overflow								
Assembly	Filter	XMAF2000		XMAF3000		XMAF4000		XMAF4000-06	XMAF5000
	Regulator	XMAR2000		XMAR3000		XMAR4000		XMAR4000-06	XMAR5000
	Lubricator	XMAL2000		XMAL3000		XMAL4000		XMAL4000-06	XMAL5000
Rated Flow(L/min)	500		2000		4000		4500	5000	
Port Size(G)	1/8'	1/4'	1/4'	3/8'	3/8'	1/2'	3/4'	3/4'	1'

Overall Dimensions



Dimension Sheet

Model	Port Size(G)	A	B	C	D	E	F	G	H	J	K	L	P	R	S
XMAC2000	G1/8"-G1/4"	140	147	38	40	56.8	30	50	24	5.5	8.5	5	56	Φ6	G1/8
XMAC3000	G1/4"-G3/8"	181	178	38	53	60.8	41	64	35	7	11	7	70.5	Φ8	G1/8
XMAC4000	G1/2"	238	207	41	70	65.5	50	84	40	9	13	7	87.5	Φ8	G1/4
XMAC4000-06	G3/4"	253	208.5	40.5	70	69.5	50	89	40	9	13	7	87.5	Φ8	G1/4
XMAC5000	G3/4"-G1"	300	287	48	90	75.5	69.8	105	50	12	16	10.5	115	Φ8	G1/4

XMAC 2010~5010 Series Air Source Treatment Unit(FR.L Combination)



XMAC4010-04



XMAC2010-02

Ordering Code

XMA

Series
XMA Series

C

Function
code
FR.L Combination

3010

Specification
Code
2010
3010
4010
5010

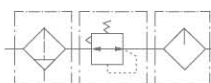
04

Port Size
01:G1/8"
02:G1/4"
03:G3/8"
04:G1/2"
06:G3/4"
10:G1"

□

Drain Type
Blank:Manual
Drain Type
D:Auto Drain Type
(Available for 3000
or above)

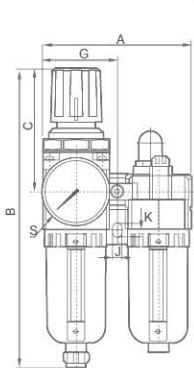
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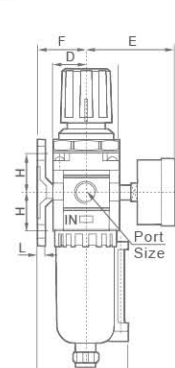
Specification

Model	XMAC2010 -01	XMAC2010 -02	XMAC3010 -02	XMAC3010 -03	XMAC4010 -03	XMAC4010 -04	XMAC4010 -06	XMAC5010 -06	XMAC5010 -06
Ensured Pressure Resistance					1.5MPa(15kgf/cm ²)				
Highest Working Pressure					1.0MPa(10kgf/cm ²)				
Operating Temperature Range					5~60℃				
Filter Precision					25μ & 5μ & 50μ				
Recommended Oil Use					Turbine NO.1 Oil ISOVG32				
Container Material					Aluminum Die Casting				
Pressure Regulating Range					0.05~0.85MPa(0.05~0.85kgf/cm ²)				
Valve Type					With Overflow				
Assembly	Filter with pressure reducer	XMAW2000		XMAW3000		XMAW4000		XMAW4000-06	XMAW5000
	Lubricator	XMAR2000		XMAR3000		XMAR4000		XMAR4000-06	XMAR5000
Rated Flow(L/min)		500		1700		3000		3000	4000
Port Size(G)		1/8'	1/4'	1/4'	3/8'	3/8'	1/2'	3/4'	3/4' 1'

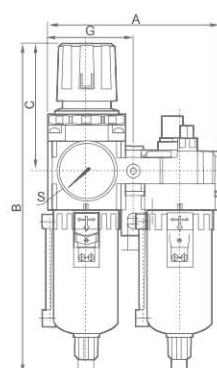
Overall Dimensions



XMAC2010



XMAC3010~4010



XMAC5010

Dimension Sheet

Model	Port Size(G)	A	B	C	D	E	F	G	H	J	K	L	P	S
XMAC2010	G1/8"-G1/4"	90	186.5	78	40	56.8	30	45	24	5.5	8.5	5	56	G1/8
XMAC3010	G1/4"-G3/8"	117	232.5	92.5	53	60.8	41	58.5	35	7	11	7	69.5	G1/8
XMAC4010	G1/2"	154	277	112	70	65.5	50	77	40	9	13	7	87.5	G1/4
XMAC4010-06	G3/4"	164	282.5	114	70	69.5	50	82	40	9	13	7	87.5	G1/4
XMAC5010	G3/4"-G1"	195	353.5	116	90	75.5	69.8	97.5	50	12	16	10.5	115	G1/4

XMAW 2000~5000 Series Filter & Regulator



XMAW4000-04



XMAW2000-02

Ordering Code

XMA

Series
XMA Series

W

Function
code
Filter&Regulator

3000

Specification
Code
2000
3000
4000
5000

04

Port Size
01:G1/8"
02:G1/4"
03:G3/8"
04:G1/2"
06:G3/4"
10:G1"

□

Drain Type
Blank:Manual
Drain Type
D:Auto Drain Type
(Available for 3000
or above)

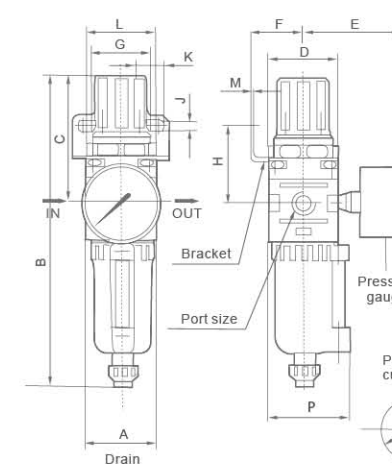
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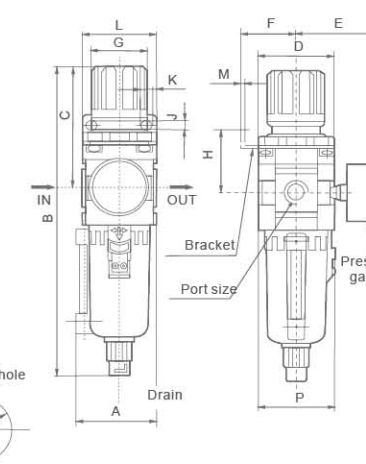
Specification

Model	XMAW2000 -01	XMAW2000 -02	XMAW3000 -02	XMAW3000 -03	XMAW4000 -03	XMAW4000 -04	XMAW4000 -06	XMAW5000 -06	XMAW5000 -10
Ensured Pressure Resistance	1.5MPa(15kgf/cm ²)								
Highest Working Pressure	1.0MPa(10kgf/cm ²)								
Operating Temperature Range	5~60℃								
Filter Precision	25μ & 5μ & 50μ								
Container Material	Aluminum Die Casting								
Pressure Regulating Range	0.05~0.85MPa(0.5~0.85kgf/cm ²)								
Valve Type	With Overflow								
Rated Flow(L/min)	550	2000	4000	4500	5500				
Port Size(G)	1/8'	1/4'	1/4'	3/8'	3/8'	1/2'	3/4'	3/4'	1'
Pressure Gauge Size	1/8	1/8	1/4	1/4	1/4				

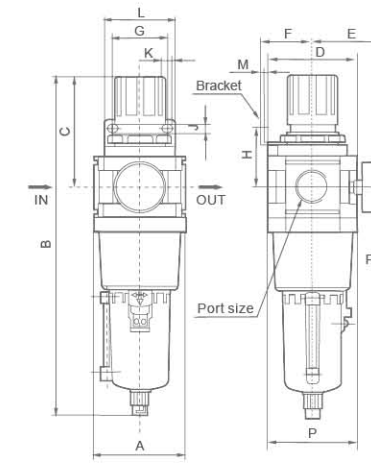
Overall Dimensions



XMAW2000



XMAW3000~4000



XMAW5000

Dimension Sheet

Model	Port Size(G)	A	B	C	D	E	F	G	H	J	K	L	M	P
XMAW2000	G1/8"-G1/4"	40	186.5	78	40	56.8	30	34	43.5	5.4	15.4	55	2.3	46
XMAW3000	G1/4"-G3/8"	57.5	232.5	92.5	53	60.8	39	40	46	6.5	8	53	2.3	55
XMAW4000	G1/2"	74	278	112	70	70.5	49.2	54	53.5	8.5	10.5	70	2.3	72.5
XMAW4000-06	G3/4"	76.5	282	114	70	70.5	49.2	54	55.5	8.5	10.5	70	2.3	72.5
XMAW5000	G3/4"-G1"	90	355	116	90	75.5	49.2	54	62	8.5	10.5	70	2.3	90

XMAF 2000~5000 Series Air Filter



XMAF4000-04



XMAF2000-02

Ordering Code

XMA

Series
XMA Series

F

Function code
Filter

3000

Specification Code
2000
3000
4000
5000

04

Port Size
01:G1/8"
02:G1/4"
03:G3/8"
04:G1/2"
06:G3/4"
10:G1"

□

Drain Type
Blank:Manual
D:Auto Drain Type
(Available for
3000 or above)

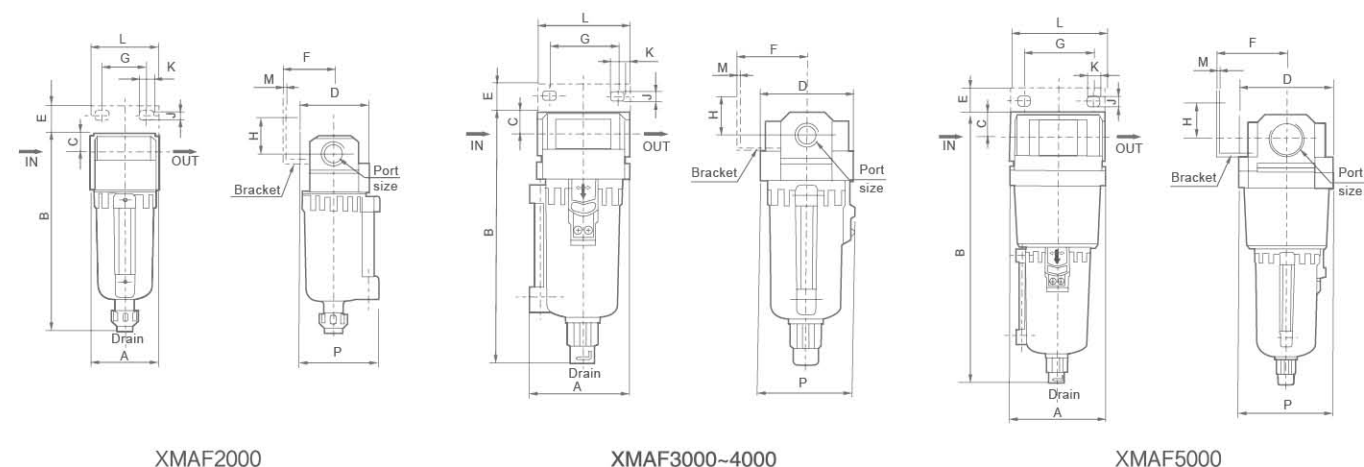
Graphic Symbol



Specification

Model	XMAF2000-01	XMAF2000-02	XMAF3000-02	XMAF3000-03	XMAF4000-03	XMAF4000-04	XMAF4000-06	XMAF5000-06	XMAF5000-10
Ensured Pressure Resistance	1.5MPa(15kgf/cm ²)								
Highest Working Pressure	1.0MPa(10kgf/cm ²)								
Operating Temperature Range	5~60℃								
Filter Precision	25μ & 5μ & 50μ								
Container Material	Aluminum Die Casting								
Rated Flow(L/min)	750		1500		4000		6000	7000	
Port Size(G)	1/8"	1/4"	1/4"	3/8"	3/8"	1/2"	3/4"	3/4"	1"
Bowl Capacity	15		20		45		45	130	

Overall Dimensions



XMAF2000

XMAF3000~4000

XMAF5000

Dimension Sheet

Model	Port Size(G)	A	B	C	D	F	G	H	J	K	L	M	P
XMAF2000	G1/8"-G1/4"	40	119.5	11	40	17	27	22	5.4	8.4	40	2.3	46
XMAF3000	G1/4"-G3/8"	57.4	154	14	53	16	40	23	6.5	8	53	2.3	55
XMAF4000	G1/2"	74	184	18	70	17	54	26	8.5	10.5	70	2.3	72.5
XMAF4000-06	G3/4"	76.5	188	20	70	14	54	25	8.5	10.5	70	2.3	72.5
XMAF5000	G3/4"-G1"	90	263	24	90	23	66	35	11	13	90	3.2	90

XMAL 2000~5000 Series Lubricator



XMAL4000-04



XMAL2000-02

Ordering Code

XMA

Series
XMA Series

L

Function code
Lubricator

3000

Specification Code
2000
3000
4000
5000

04

Port Size
01:G1/8"
02:G1/4"
03:G3/8"
04:G1/2"
06:G3/4"
10:G1"

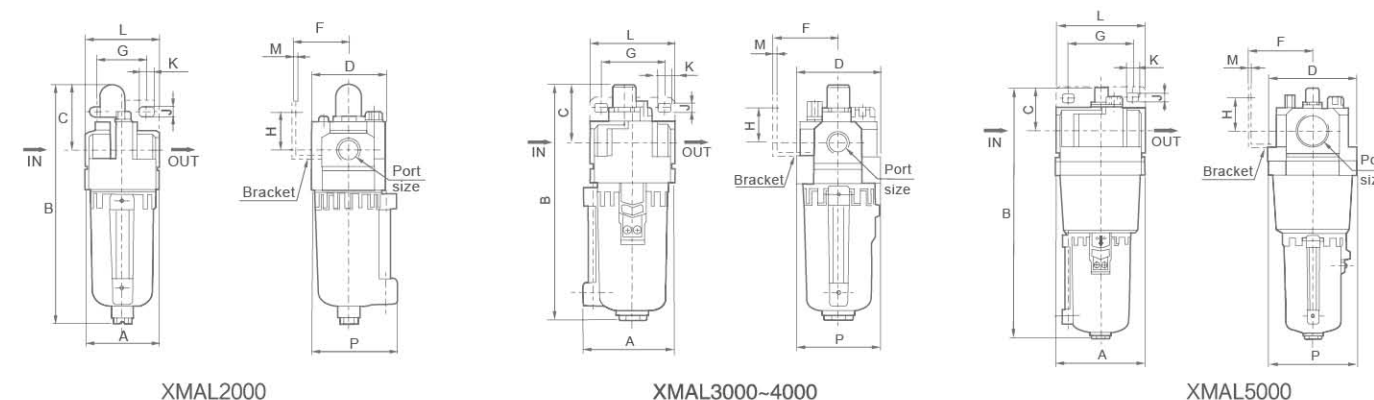
Graphic Symbol



Specification

Model	XMAL2000-01	XMAL2000-02	XMAL3000-02	XMAL3000-03	XMAL4000-03	XMAL4000-04	XMAL4000-06	XMAL5000-06	XMAL5000-10
Ensured Pressure Resistance	1.5MPa(15kgf/cm ²)								
Highest Working Pressure	1.0MPa(10kgf/cm ²)								
Operating Temperature Range	5~60℃								
Recommended Oil Use	Turbine NO.1 Oil ISOVG32								
Container Material	Aluminum Die Casting								
Minimal Flow of Oil Drop(L/min)	15	30	40	40	50	50	50	190	
Rated Flow(L/min)	800	1700	5000	6300	7000				
Port Size(G)	1/8"	1/4"	1/4"	3/8"	3/8"	1/2"	3/4"	3/4"	1"
Bowl Capacity	25	50	130	130	130				

Overall Dimensions



XMAL2000

XMAL3000~4000

XMAL5000

Dimension Sheet

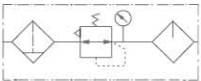
Model	Port Size(G)	A	B	C	D	F	G	H	J	K	L	M	P
XMAL2000	G1/8"-G1/4"	40	137	39	50	30	27	22	5.4	8.4	40	2.3	40
XMAL3000	G1/4"-G3/8"	57.5	154.5	39	53	41	40	23	6.5	8	53	2.3	55
XMAL4000	G1/2"	74	185.5	41	70	50	54	26	8.5	10.5	70	2.3	72.5
XMAL4000-06	G3/4"	76.5	185.5	39	70	50	54	25	8.5	10.5	70	2.3	72.5
XMAL5000	G3/4"-G1"	90	262.5	45	90	66.5	66	35	11	13	90	3.2	90

AC,BC Series Air Source Treatment Unit(F.R.L Combination)



Ordering Code			
BC	3000		
Series	Port Size	Drain Type	Color
AC:Small Size	1500:G1/8"	Blank:Manual Drain Type	Blank:Standard
BC:Middle Size	2000:G1/4"	D:Auto Drain Type	W:White
	3000:G3/8"		
	4000:G1/2"		

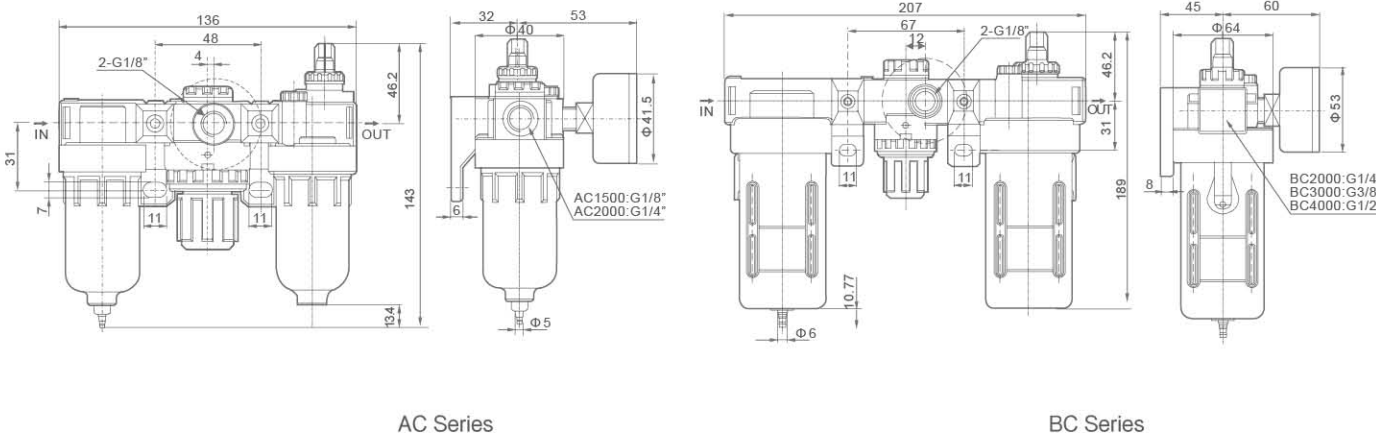
Graphic Symbol



Specification

Model	AC1500	AC2000	BC2000	BC3000	BC4000	
Operating Fluid	Air					
Port Size	G1/8"	G1/4"	G1/4"	G3/8"	G1/2"	
Filtering Element Reughness	40μ					
Range of Adjustable Pressure	0.05~0.85MPa					
Max Adjustable Pressure	0.95MPa					
Ensured Pressure Resistance	1.5MPa					
Operating Temperature Range	5~60℃					
Capacity of Filter Cup	15 cc		60 cc			
Capacity of Oil Feed Cup	25 cc		90 cc			
Suggested Lube	ISO VG 32 or Same Grade Oil					
Material	Body	Aluminum Die-casting Forming				
	Container Cup	PE				
	Protective Cup Cover	Iron				
Composing Elements	Filtier	AF1500	AF2000	BF2000	BF3000	BF4000
	Regulator	AR1500	AR2000	BR2000	BR3000	BR4000
	Lubricator	AL1500	AL2000	BL2000	BL3000	BL4000

Overall Dimensions



AC Series

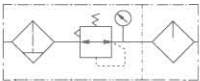
BC Series

AFC,BFC Series Air Source Treatment Unit(FR.L Combination)



Ordering Code			
BFC	3000		
Series	Port Size	Drain Type	Color
AFC:Small Size	1500:G1/8"	Blank:Manual Drain Type	Blank:Standard
BFC:Middle Size	2000:G1/4"	D:Auto Drain Type	W:White
	3000:G3/8"		
	4000:G1/2"		

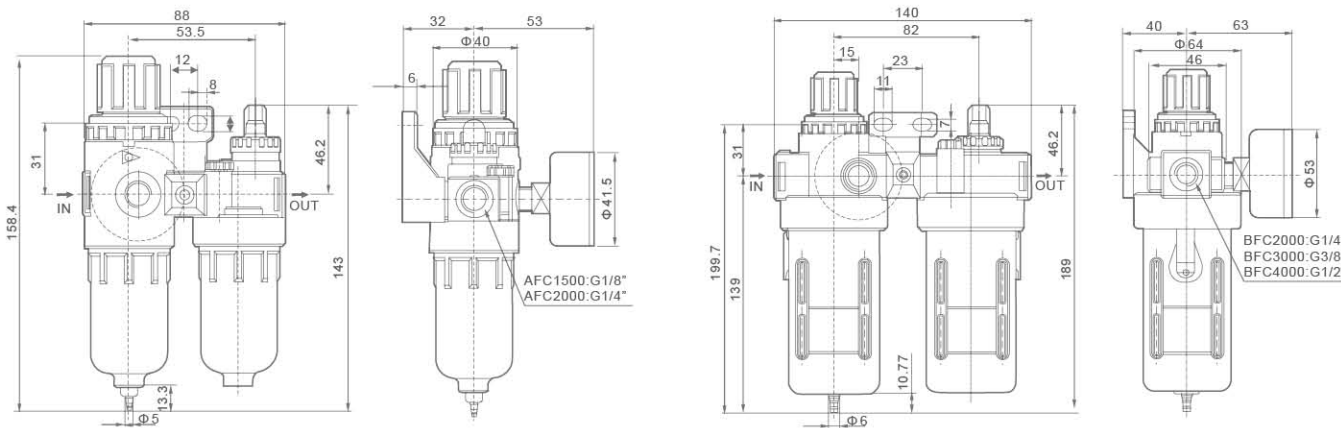
Graphic Symbol



Specification

Model	AFC1500	AFC2000	BFC2000	BFC3000	BFC4000	
Operating Fluid	Air					
Port Size	G1/8"	G1/4"	G1/4"	G3/8"	G1/2"	
Filtering Element Reughness	40μ					
Range of Adjustable Pressure	0.05~0.85MPa					
Max Adjustable Pressure	0.95MPa					
Ensured Pressure Resistance	1.5MPa					
Operating Temperature Range	5~60℃					
Capacity of Filter Cup	15 cc		60 cc			
Capacity of Oil Feed Cup	25 cc		90 cc			
Suggested Lube	ISO VG 32 or Same Grade Oil					
Material	Body	Aluminum Die-casting Forming				
	Container Cup	PE				
	Protective Cup Cover	Iron				
Composing Elements	Fitier & Regulator	AFR1500	AFR2000	BFR2000	BFR3000	BFF4000
	Lubricator	AL1500	AL2000	BL2000	BL3000	BL4000

Overall Dimensions



AFC Series

BFC Series

AFR,BFR Series Filter&Regulator



BFR4000



AFR2000

Ordering Code

BFR

Series
AC:Small Size
BC:Middle Size

3000

Port Size
1500:G1/8"
2000:G1/4"
3000:G3/8"
4000:G1/2"

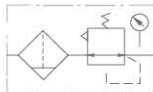


Drain Type
Blank:Manual Drain Type
D:Auto Drain Type



Color
Blank:Standard
W:White

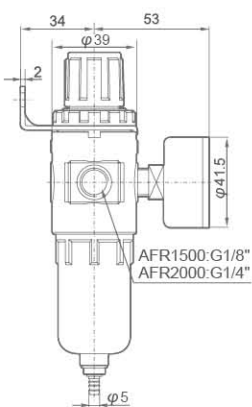
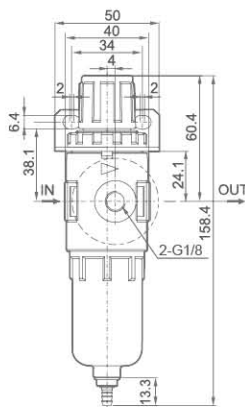
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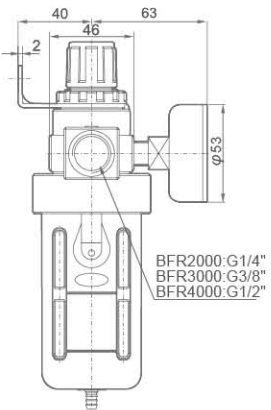
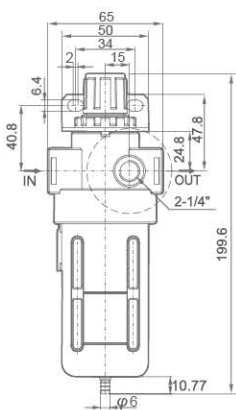
Specification

Model		AFR1500	AFR2000	BFR2000	BFR3000	BFR4000
Operating Fluid			Air			
Port Size		G1/8"	G1/4"	G1/4"	G3/8"	G1/2"
Range of Adjustable Pressure				0.05~0.85MPa		
Max Adjustable Pressure		0.95MPa				
Ensured Pressure Resistance				1.5MPa		
Operating Temperature Range		5~60℃				
Capacity of Filter Cup			15 cc		60 cc	
Material	Body	Aluminum Die-casting Forming				
	Container Cup	PE				
	Protective Cup Cover	-		Iron		

Overall Dimensions



AFR Series



BFR Series

AF,BF Series Air Filter



BF4000



AF2000

Ordering Code

BF

Series
AF:Small Size
BF:Middle Size

3000

Port Size
1500:G1/8"
2000:G1/4"
3000:G3/8"
4000:G1/2"

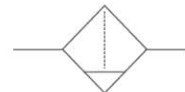


Drain Type
Blank:Manual Drain Type
D:Auto Drain Type



Color
Blank:Standard
W:White

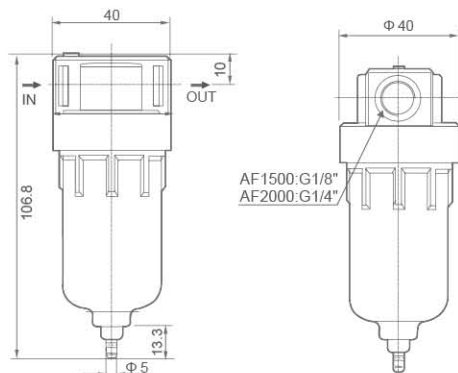
Graphic Symbol



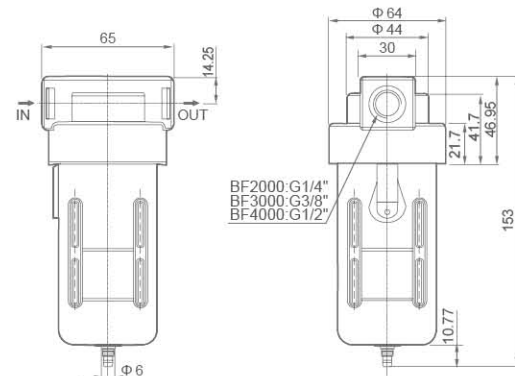
Specification

Model	AF1500	AF2000	BF2000	BF3000	BF4000
Operating Fluid	Air				
Port Size	G1/8"	G1/4"	G1/4"	G3/8"	G1/2"
Filtering Element Reughness	40μ				
Ensured Pressure Resistance	1.5MPa				
Operating Temperature Range	5~60℃				
Capacity of Filter Cup	15cc		60 cc		
Material	Body	Aluminum Die-casting Forming			
	Container Cup	PE			
	Protective Cup Cover	-		Iron	

Overall Dimensions



AF Series



BF Series

AR,BR Series Regulator



BR4000



AR2000

Ordering Code

BR

Series

AR:Small Size
BR:Middle Size

2000

Port Size

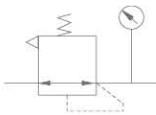
1500:G1/8"
2000:G1/4"
3000:G3/8"
4000:G1/2"

□

Color

Blank:Standard
W:White

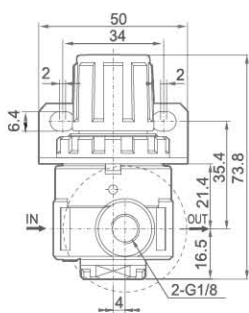
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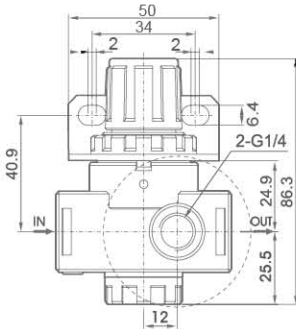
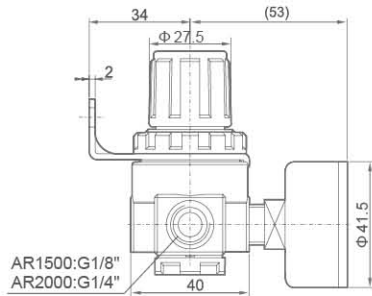
Specification

Model	AR1500	AR2000	BR2000	BR3000	BR4000
Operating Fluid	Air				
Port Size	G1/8"	G1/4"	G1/4"	G3/8"	G1/2"
Range of Adjustable Pressure	0.05~0.85MPa				
Max Adjustable Pressure	0.95MPa				
Ensured Pressure Resistance	1.5MPa				
Operating Temperature Range	5~60℃				
Material of Body	Aluminum Die-casting Forming				

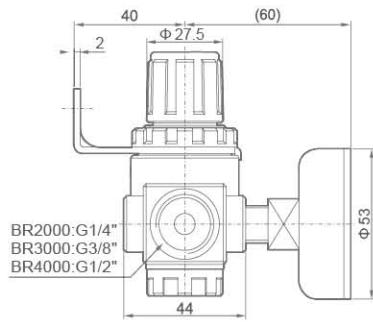
Overall Dimensions



AR Series



BR Series



AL,BL Series Lubricator



BL4000



AL2000

Ordering Code

BL

Series

AL:Small Size
BL:Middle Size

2000

Port Size

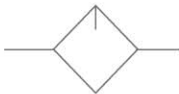
1500:G1/8"
2000:G1/4"
3000:G3/8"
4000:G1/2"

□

Color

Blank:Standard
W:White

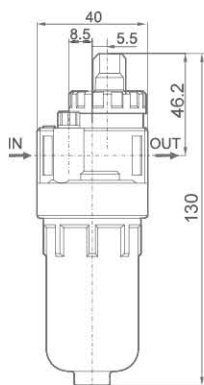
Graphic Symbol



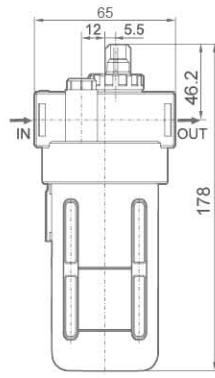
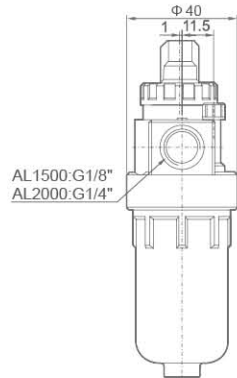
Specification

Model	AL1500	AL2000	BL2000	BL3000	BL4000
Operating Fluid	Air				
Port Size	G1/8"	G1/4"	G1/4"	G3/8"	G1/2"
Ensured Pressure Resistance	1.5MPa				
Operating Temperature Range	5~60℃				
Suggested Lube	ISO VG 32 or Same Grade Oil				
Capacity of Oil Feed Cup	25cc		90 cc		
Material	Body		Aluminum Die-casting Forming		
	Container Cup		PE		
	Protective Cup Cover		Iron		

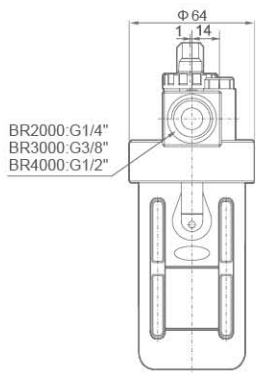
Overall Dimensions



AL Series



BL Series



H Series High Pressure Filter & Regulator



QFRH-25

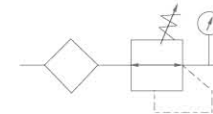
Ordering Code

QFRH

15

High pressure
Filter & Regulator**Connection**
8:G1/4" 10:G3/8"
15:G1/2" 20:G3/4"
25:G1"

Graphic Symbol



Specification

Model	QFRH-8,10,15,20,25
Operating Fluid	Air
Filtering Element Roughness	20μm or 40μm
Range of Adjustable Pressure	0.15~3.5MPa
Max. Input pressure	4MPa
Operating Temperature Range	5~80℃

H Series High Pressure Regulator



QTYH-25

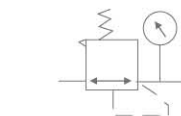
Ordering Code

QTYH

15

High pressure
Regulator**Connection**
8:G1/4" 10:G3/8"
15:G1/2" 20:G3/4"
25:G1"

Graphic Symbol



Specification

Model	QTYH-8,10,15,20,25
Operating Fluid	Air
Range of Adjustable Pressure	0.05~3.5MPa
Max. Input pressure	4MPa
Operating Temperature Range	-25~80℃

H Series High Pressure Filter



QSLH-15

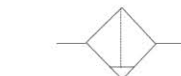
Ordering Code

QSLH

15

High Pressure
Filter**Port Size**
8:G1/4"
10:G3/8"
15:G1/2"
20:G3/4"
25:G1"

Graphic Symbol



Specification

Model	QSLH-8,10,15,20,25
Operating Fluid	Air
Filtering Element Roughness	20μm or 40μm
Working of Adjustable Pressure	0.15~3.5MPa
Max. Input pressure	4MPa
Operating Temperature Range	-25~80℃

PIR Series Precision Regulator



PIR2010-02

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

Standard Type, Auto Drain Type and Metal Cup as Optional.

Designed to be compact and light weight with high output flow and precise setting pressure. Can be mounted easily with bracket or assemble with XA series F.R.L.

Graphic Symbol



Ordering Code

PIR

20

00

02

Series
PIR series**Body Size**
10
20
30**Pressure Range**
00(0.005~0.2Mpa)
10(0.05~0.4Mpa)
20(0.01~0.8Mpa)**Port Size**
01:G1/8"
02:G1/4"
03:G3/8"
04:G1/2"

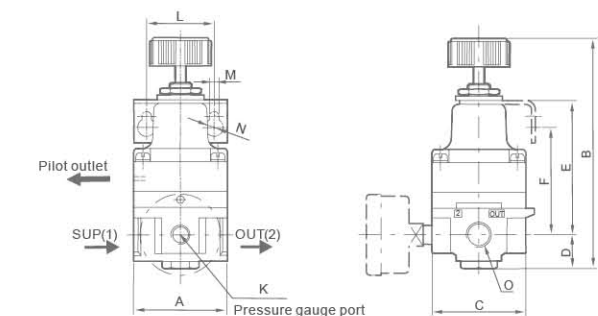
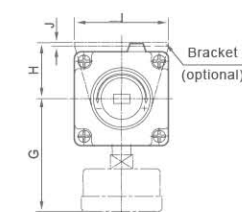
Order Example

1):PIR Series, Valve Body: 20;Port Size:G1/4,
Pressure Range:10,Model:PIR-2010-021):PIR Series,Valve Body:30,Port Size:G1/2,
Pressure Range:20,Model:PIR-3010-04

Specification

Model	PIR1000-01	PIR1010-01	PIR1020-01	PIR2000-02	PIR2010-02	PIR2020-02	PIR3000-03/04	PIR3010-03/04	PIR3020-03/04
Pressure Range	0.005~0.2	0.01~0.4	0.01~0.8	0.005~0.2	0.01~0.2	0.01~0.8	0.01~0.2	0.01~0.4	0.01~0.8
Port Size	G1/8"			G1/4"			G3/8"、G1/2"		
Air consumption	Max 3.5L/min			Max 3.1L/min			Max 9.5L/min	Outlet; Max 2L/min	
Minimum pressure	Setting pressure+0.05			Setting pressure+0.05			Setting pressure+0.05		
Maximum pressure	1.0MPa								
Sensitivity	Within 0.2% of full span								
Repeatability	Within ±0.5% of full span								
Ambient and Fluid Temperature	-5~+60℃ (with no freezing)								
Pressure Gauge Port	G1/8"								

Overall Dimensions



Dimension Sheet

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
PIR1000-01	35	90	35	10	51	44	43	25	42	2	G1/8	28	4.5	Φ8.5	G1/8	Φ10.5
PIR1010-01	35	90	35	10	51	44	43	25	42	2	G1/8	28	4.5	Φ8.5	G1/8	Φ10.5
PIR1020-01	35	90	35	10	51	44	43	25	42	2	G1/8	28	4.5	Φ8.5	G1/8	Φ10.5
PIR2000-02	50	123	50	18	71	63	60	30	50	2	G1/8	36	5.5	Φ9.5	G1/8	Φ12.5
PIR2010-02	50	123	50	18	71	63	60	30	50	2	G1/8	36	5.5	Φ9.5	G1/8	Φ12.5
PIR2020-02	50	123	50	18	71	63	60	30	50	2	G1/8	36	5.5	Φ9.5	G1/8	Φ12.5
PIR3000-03	66	148	66	22	76	76	68	48	82	2.3	G1/8	60	9	Φ15.5	G3/8	Φ12.5
PIR3010-03	66	148	66	22	76	76	68	48	82	2.3	G1/8	60	9	Φ15.5	G3/8	Φ12.5
PIR3020-03	66	148	66	22	76	76	68	48	82	2.3	G1/8	60	9	Φ15.5	G3/8	Φ12.5

XITV Series Electro Pneumatic Regulator



XITV2050-31F2CL

Product Features

Electrical proportional valves have the features of high control accuracy, rapid response, sensitive response, and simple structure etc.
It can be achieved the accurate control of fluid flow rate, temperature, pressure and other parameters, improving production efficiency and quality.
At the same time, electrical proportional valves can also be connected to control systems such as computers or PLCs through digital interfaces, achieving intelligent control and remote operation, providing strong support for the automation process of modern industry.
Application areas include industrial automation control, fluid transportation, airport pavement oil emulsion removal, vehicle braking, concrete pump transportation, etc

- 1) Electrical proportional way,realize infinite control of outlet pressure.
- 2)Can realize remote control and program control.
- 3) Compared with intermittent control, the system is simplified and the components are decreased more
- 4) Compared with hydraulic proportional valves, it has small dimensions, light weight, compact structure, lightweight, and lower cost
- 5)Low power consumption: below 4W(communication way)
- 6) No occuring fire, no pollution to the environment, and less affected by temperature changes

Ordering Code

XITV

3

0

1

0

0

Series

Electrical Proportional Valve

Model

1:1000Type
2:2000Type
3:3000Type

Nominal Voltage

0: DC24V
1:DC12-15V

Pressure Range

1:0.1MPa
3:0.5MPa
5:0.9MPa

Input Signal/Communication Model

0	Current type 4 to 20 mADC(Sink type)
1	Current type 0 to 20 mADC(Sink type)
2	Voltage type 0 to 5 VDC
3	Voltage type 0 to 10 VDC
40	4 points preset input
52	16 points preset input(Switch output/NPN output)
53	16 points preset input(Switch output/PNP output)
60	10-bit digital input
CC	CC-Link
DE	DeviceNet
PR	PROFIBUS DP
RC	RS-232C communication
IL	IO-Link

Thread Type

Blank:Rc
N:NPT
T:NPTF
F:G

Bracket¹⁾

Blank:Without Bracket
B:Flat Bracket
C:L-bracket

Port Size

1:1/8 (1000Type)
2:1/4 (1000、2000、3000Type)
3:3/8 (2000、3000Type)
4:1/2 (3000Type)

Cable Connector Type

S:Straight Type 3 m
L:Right Angle Type 3 m
N:Without Cable Connector

Pressure Display Unit

Blank:MPa
2²⁾:kgf/cm²
3:bar
4²⁾:psi
5:kPa

Monitor Output

1	Analog output 1 to 5 VDC
2	Switch out/NPN output
3	Switch out/PNP output
4	Analog Output 4 to 20 mADC(Sink Type)

Blank

None

1) The Bracket is Included.
2) This Product is for Overseas use only according to the new measurement Act.(The SI unit type is provided for use in Japan.) For the Communication Models CC.DE.PR.and RC,Only
"Blank" is available as it does not have a pressure display.

XITV Series Electro Pneumatic Regulator

Specification

Model	ITV101 □	ITV103 □	ITV105 □
	ITV201 □	ITV203 □	ITV205 □
	ITV301 □	ITV303 □	ITV305 □
Min.Supply Pressure		Set pressure+0.1MPa	
Max.Supply Pressure		0.2MPa	1.0MPa
Set Pressure Range		0.005 to 0.1 MPa	0.005 to 0.5 MPa
Power Supply	Voltage	24 VDC ±10%, 12 to 15 VDC	
	Current Consumption	Power Supply Voltage 24 VDC type:0.12 A or less Power Supply Voltage 12 TO 15VDC Type:0.18 A or less	
Input Signal	Current Type	4 to 20 mADC,0 TO 20 mADC(Sink Type)	
	Voltage Type	0 to 5 VDC,0 TO 10 VDC	
	Preset Input	4 Points(Negative Common),16 points(No Common Polarity)	
	Digital Input	10 bits(Parallel)	
Input Impedance	Current Type	250 Ω or less	
	Voltage Type	Approx.6.5kΩ	
	Preset Input	Power Supply Voltage 24 VDC Type:Approx.4.7kΩ Power Supply Voltage 12 VDC Type:Approx.2.0kΩ	
	Digital Input	Approx.4.7kΩ	
Output Signal(Monitor Output)	Analog Output		1 to 5 VDC (Out put impedance: Approx. 1 kΩ)
	Switch Output		4 to 20 mADC (Sink type) (Output impedance: 250 Ω or less) outout accuracy ±6% F.S. or less NPN open collector output: Max. 30 V, 80 mA PNP open collector output Max. 80 mA
	Linearity		±1%6 F.S. or less
Hysteresis		0.5% F.S. or less	
Repeatability		±0.5% F.S. or less	
Sensitivity		0.2% F.S. or less	
Temperature characteristics		±0.12% F.S./°C or less	
Output pressure display	Accuracy		±2% F.S.+1 digit or less
	Min. unit		MPa: 0.001,kgf/cm ² :0.01,bar: 0.01. psi: 0.1,kPa: 1
Ambient and fluid temperatures		0 to 50°C (No condensation)	
Enclosure		IP65	

HMR35 Series Micro Precision Regulator



HMR35

- 1.The valve body is made of engineering plastic,the product is light weight and compact,making it idea for use on portable systems,such as ventilators,dental equipment,etc.
- 2.Special overflow structure consisting of spring,seal and valve core,sensitive movement,high regulating accuracy and good flow characteristics.Flange installation,simple and convenient.

Specification

Model	HMR35
Rated Flow	260L/min
Highest Working Pressure	1.0Mpa
Working Medium	Compressed air
Ambient and Fluid Temperature	0~60℃
Pressure Regulating Range	0.05~0.35Mpa
Installation	Bottom flange installation
Installation position	Any where

XS Series Air Source Treatment Unit

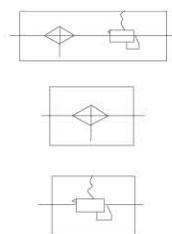


XSFC-200

Ordering Code

XS	FC	200
Series XS series	Function code FC:Filter&Regulator+Lubricator FR:Regulator&Filter L:Lubricator	Port Size 200:G1/4" 300:G3/8" 400:G1/2"

Graphic Symbol



Specification

Model	XSFC/FR/L-200	XSFC/FR/L-300	XSFC/FR/L-400
Port Size	G1/4"	G3/8"	G1/2"
Pressure Gauge Bore	G1/8"	G1/8"	G1/8"
Ensured Pressure Resistance	1.5MPa		
Highest Working Pressure	1.0MPa		
Environment and Fluid Temperature	5~60℃		
Protective Cover	Available		

The product have the function of filter,regulator and lubricator.It's stucture tightly,flow rate largely,output steadily and installation simply.The element has pressure gauge,installation bracket and lubricator. The lubricator can non-stop gas.All have the cup shape protect cover.Use safe and appearance elegant.

XN Series Air Source Treatment Unit



XNFC07-200



XNFR07-200



XNF07-200



XNL07-200



XNR07-200

Specification

Model	XNFC07-200	XNFR07-200	XNF07-200	XNL07-200	XNR07-200
Operating Fluid	Compressed Air				
Range of Adlutable Pressure	0-0.8Mpa				
Operating Temperature Range	-20~50℃				
Joint pipe bore	G1/4"				

XU Series Air Source Treatment Unit



XUC-04

XUWL-04

XUW-04

Ordering Code

XU	C	02	□
Series XU Series	Function code C:Filter+Regulator+Lubricator WL:Filter&Regulator+Lubricator W:Filter&Regulator R:Regulator F:Filter L:Lubricator	Port Size 02:G1/4" 03:G3/8" 04:G1/2" 06:G3/4" 08:G1"	Drain Type Blank:Manual D:Auto Drain Type

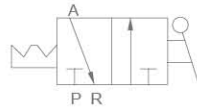
Specification

Model	XUC/WL/W-02	XUC/WL/W-03	XUC/WL/W-04	XUC/WL/W-06	XUC/WL/W-08
	XUF/R/L-02	XUF/R/L-03	XUF/R/L-04	XUF/R/L-06	XUF/R/L-08
Port Size	G1/4"	G3/8"	G1/2"	G3/4"	G1"
Gauge	1/4'				
Operating Fluid	Air				
Pressure Range	0.05~0.85MPa				
Max.Flow rate(Nl/min)	2050		2500	7900	8100
Ambient Temperature	-10~60℃				
Filter Precision	Standard:20μm				
Oil Recommended	Turbine oil(ISO VG32)				
Cup Material	Polycarbonate				
Structure	Diston tpye				

XVHS Series Venting Safety Lock-out Valve



Graphic Symbol



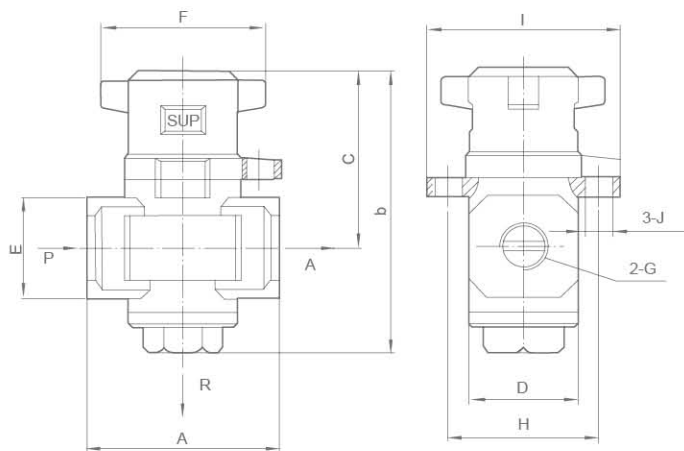
Ordering Code

X	VHS	3000	—	03
XCPC Product	Venting Softing Lock-out Valve Code	Body Size 2000 3000 4000 5000		Port Size 01:G1/8" 02:G1/4" 03:G3/8" 04:G1/2" 06:G3/4" 10:G1"

Features

It is easy to be maintained because it can realise the pressure of the hypo-pressure side when it is working. It can ensure the safety of the maintenance man because of the lockup function.

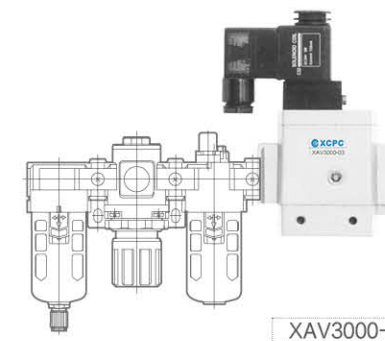
Overall Dimensions



Dimension Sheet

Model	G	Vent size	A	B	C	D	E	F	H	I	J
XVHS2000-01	G1/8	G1/8	40	59	39	28	22	40	32	41	Φ6
XVHS2000-02	G1/4	G1/8	40	59	39	28	22	40	32	41	Φ6
XVHS3000-02	G1/4	G1/4	53	78	49	30	28	45	41.5	53	Φ7.5
XVHS3000-03	G3/8	G1/4	53	78	49	30	28	45	41.5	53	Φ7.5
XVHS4000-03	G3/8	G3/8	70	84	52	36	36	45	41.5	53	Φ7.5
XVHS4000-04	G1/2	G3/8	70	84	52	36	36	45	41.5	53	Φ7.5
XVHS5000-06	G3/4	G1/2	90	136	72	54	48	68	77	90	Φ8.5
XVHS5000-10	G1	G1/2	90	136	72	54	48	68	77	90	Φ8.5

XAV 2000~5000 Series Slow Start Valve



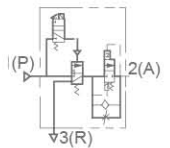
Ordering Code

X	AV	□	2000	□	—	02	—	G	AC220V	G
XCPC Product	Solv Start Valve Code		Body Size 2000 3000 4000 5000	Thread Type Blank:G R:RC N:NPT		Port Size 02:G1/4" 03:G3/8" 04:G1/2" 06:G3/4" 10:G1"		Optional Blank:Without Gauge G:With Gauge	Standard Voltage AC110V AC220V DC12V DC24V Other	Plug Mode G:Grommet type D:DIN Type

Features

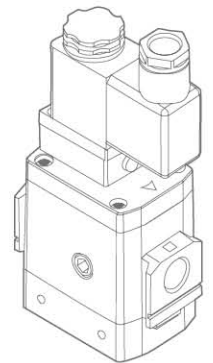
This is a differential balanced valve automatically opens the air port fully when the downstream pressure is about 50% of the upstream pressure. Without a pilot, the upstream air flows downstream through the regulation needle. When an external or pneumatic solenoid signal is generated, the valve opens the main port to create full flow. It doesn't relieve the downstream circuit.

Graphic Symbol



Specification

Model		XAV2000-02	XAV3000-03	XAV4000-04	XAV5000-06	XAV5000-10
Port Size		G1/4"	G3/8"	G1/2"	G3/4"	G1"
Effective sectional area (mm ²)	1(P)-2(A)	20	37	61	113	122
	2(A)-3(R)	24	49	76	132	141
Applicable Pressure Range				0.3~1.0MPa		
Ambientand Fluid Temperature				0~60℃		
Coil voltage rating				DC24V、12V、AC220、110V		
Allow voltage fluctuation				Rated voltage-15%~+10%		
Coil insulation class				B level or the same level		
DC/Consumed power DC				3W		
AC/Apparent power AC				Start:5.6VA Keep: 3.4VA		
Port size of cap for pneumatic version				G1/8		
Lowest pressure for pneumatic version				0.2MPa		



XAMC Series Exhaust Cleaner

Specification

Model	XAMC220-02	HAMC320-02	HAMC320-03	HAMC520-04	HAMC520-06
Port Size	G1/4	G1/4	G3/8	G1/2	G3/4
Effective sectional area(mm²)	12	16	16	55	55
Maximum flow processing(L/min)	200	300	300	1000	1000

Model	XAMC220-02	HAMC320-02	HAMC320-03	HAMC520-04	HAMC520-06
Ambient and Fluid Temperature	5~60℃				
Muffling Effect	More than 35 decibel				
Oil mist recovery effect	More Than 99.9%				
Recycling of oil mist walk way	Female thread hole				
Element one time test pressure	< 0.1MPa				



Instructions

1. Must be installed in a vertical position.
2. The filter element should be changed, When the Inlet pressure is 0.1 MPa or used more than 1 year.
3. No exposure to organic solvents.

Features

1. XAMC exhaust cleaning machine is the new generation of energy conservation and environmental protection products.
2. Used to absorb exhaust noise, recover the waste oil and water, to keep clean.
3. Mainly used to collect the noise and oil mist from the whole system.

HAD402 Series Auto Drain



HAD402-04

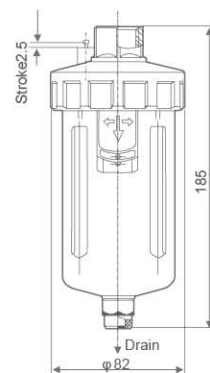
Graphic Symbol



Specification

Model	HAD402-02	HAD402-03	HAD402-04
Ensured Pressure Resistance	1.5MPa		
Operating Pressure	0.15MPa~1.00MPa		
Ambient and Fluid Temperature	5~60℃		
Port Size	G1/4"	G3/8"	G1/2"
Drain Bore	G1/8"		
Drain Status	Normal Open type		
Working Medium	Compressed Air		

Overall Dimensions



Range of Application:

This product often applies to auto remove the see per at the lower places of piping,frozen type air drying machine.Oil separator, air storage tanks and the bottom of various air filters. It can be installed in the places inconvenient for manual discharge of sewage,such as higher,lower and narrow places,especially there slarge consumption of air or frequent water drains.It can prevent the compressed air being re-polluted by con-dense water resulting from neglect of manual drain.

Features:

Auto Drain/Air Shutoff Drain/Manual Drain
The water cup is provided with metal protective cover

Points for Attention:

When using,the drainer should be installed vertically the drain port facing down

SAH402 Series High Pressure Auto Drain



SAH402-04

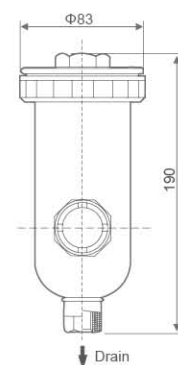
Graphic Symbol



Specification

Model	SAH402-02	SAH402-03	SAH402-04
Ensured Pressure Resistance	2.5MPa		
Operating Pressure	0.15MPa~2.00MPa		
Ambient and Fluid Temperature	5~60℃		
Port Size	G1/4"	G3/8"	G1/2"
Drain Bore	G1/8"	G1/4"	G3/8"
Drain Status	Normal Open type		
Working Medium	Compressed Air		

Overall Dimensions



Range of Application:

This product serves as a drainer for high-pressure air source system and functions to divert water for the whole pipeline system. It is generally used for the equipment inconvenient for manual discharge of water or comparatively high frequency of water discharge such as the low spots of pipeline,freezing type air drier and the water deposit place of air chamber etc.

Features:

Auto Drain
Metal protective cover with view window

Points for Attention:

When using,the drainer should be installed vertically the drain port facing down.

XADV Series Auto Drain



XADV 300-FN



XADV 300-FW



XADV 400-FW(BC-FW)



XADV 400-FN(BC-FN)



XADV 200-G10(AC-G10)



XADV-MA-G14

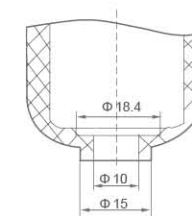
Dimensional Drawing of Water Cup Connecting Part



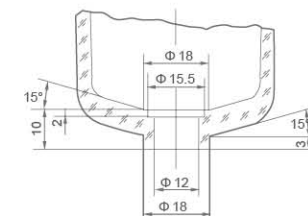
XADV 400-G12
(XADV BC-GN16)



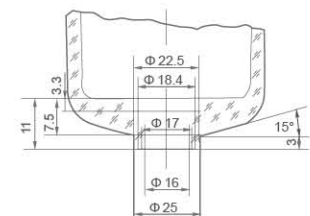
XADV 300-G12
(XADV 300-G14)



XADV-200(AC)



ADV-300



XADV-(BC)

Ordering Code

XADV	200	FN/W
Series	Machine Type	Drain Principle
XADV Series	200 Series 300 Series 400 Series BC Series	F: Floating ball Type N: Female Thread W: Male Thread

Ordering Code

XADV	200	G10
Series	Machine Type	Drain Principle
XADV Series	200 Series 300 Series 400 Series BC Series MA Series AC Series	G: Level Type(10,12,14,16 Number Stands for inner diameter of equipped water cup)

Range of Application:

This product is installed at the bottom of water cups for auto dischargers,air filters and air filter regulators and can auto discharge the condense water gathered in the water cup.

Technical Requirements:

Working medium: Compressed air
Ambient and media temperature: 5~60℃
Operating pressure range: 0.15~1.00Mpa

Features:

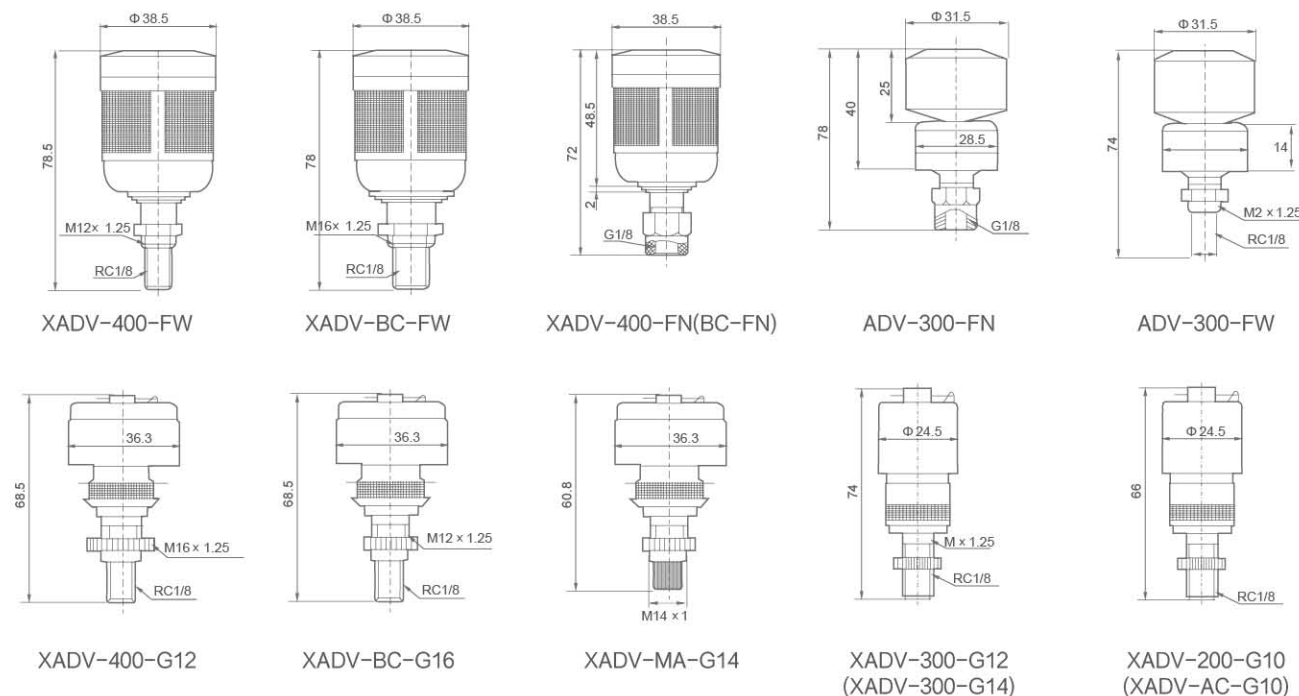
Auto drainer/Air Shut off Drain/Manual Drain

Points for Attention:

When using,the drainer should be installed vertically the drain port facing down.

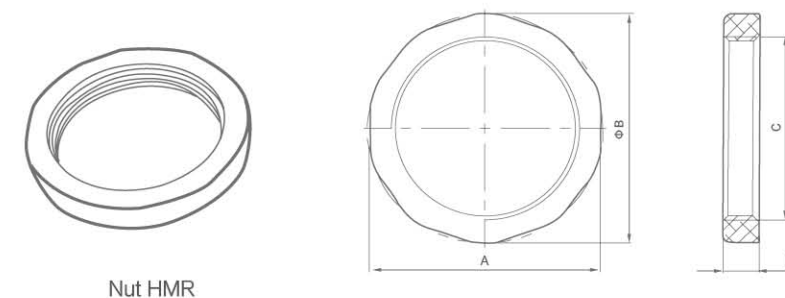
XADV Series Auto Drain

Ordering Code



XO Series Air Unit Accessories

Dimension Sheet



Model	A	B
HMR-MINI/MAXI	44	45
HMR-MIDI	60	62

Model	C	D
HMR-MINI/MAXI	M36x1.5	7
HMR-MIDI	M52x1.5	8



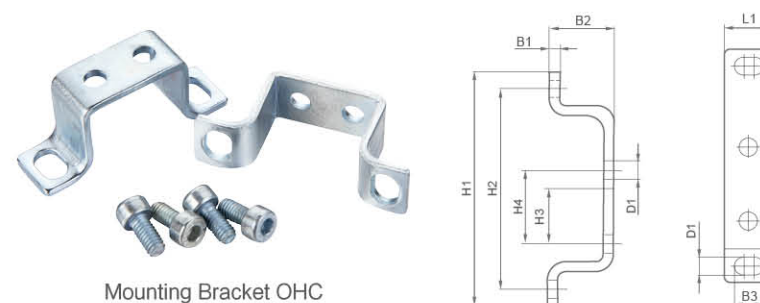
Specification

Model	Nominal Size	Pneumatic Connection	Indicating Range
OMA-10-1/8	40	G1/8	0-10 bar
OMA-16-1/8			0-16 bar
OMA-10-1/4	50	G1/4	0-10 bar
OMA-16-1/4			0-16 bar

The Pressure gauge is used to measure and display the pressure of the control system.

XA Series Air Unit Accessories

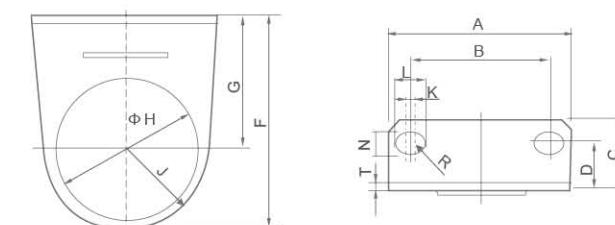
XO Series Air Unit Accessories



Dimension Sheet

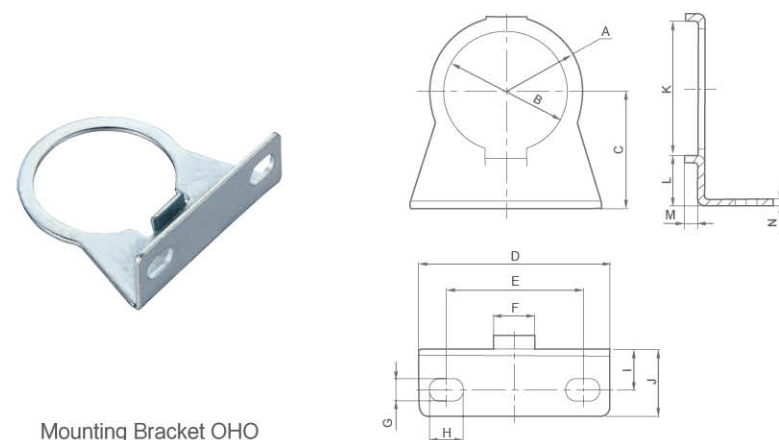
Model	B1	B2	B3	D1	D2
OHC-MINI	2	19	7.3	4.3	43
OHC-MIDI/MAXI	3	19	8.3	5.3	70

Model	H2	H3	H4	L1
OHC-MINI	35	5.5	11	12
OHC-MIDI/MAXI	60	16.5	22	14



Dimension Sheet

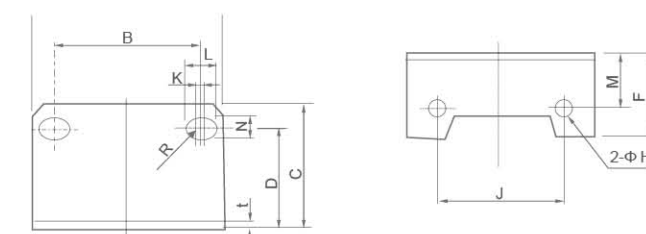
Model	A	B	C	D	F	G	ΦH	J	K	L	N	R	T	Applicable Model
B120	40	28	17	11	37.8	25	20.5	12.3	2	6.5	4.5	2.25	2	AR/AW1000
B220	55	34	25	19	50	30	33.5	20	10	15.4	5.4	2.7	2.3	AR/AW2000/AR2500
B320	53	40	21.5	14	64	39	42.5	25	1.5	8	6.5	3.25	2.3	AR/AW3000
B420	70	54	27	18	79.2	49.2	52.5	30	2	10.5	8.5	4.26	2.3	AR/AW4000-5000



Dimension Sheet

Model	A	B	C	D	E	F	G
OHO-MINI/MAXI	22.5	36.5	35	56	40	12	6.5
OHO-MIDI/MAXI	30	52.5	48	70	53	12	8.5

Model	H	I	J	K	L	M	N
OHO-MINI/MAXI	10	12	20	40.4	15	4	2
OHO-MIDI/MAXI	10.5	17.5	27	55.5	20	4	2



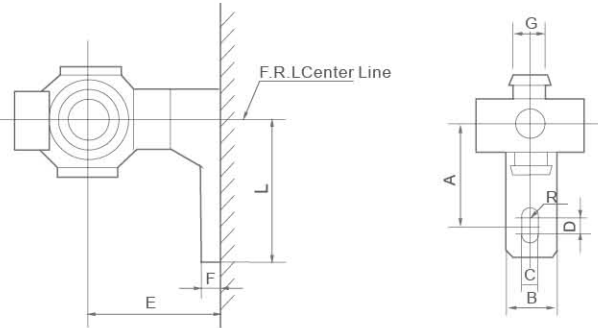
Dimension Sheet

Model	A	B	C	D	F	G	ΦH	J	K	L	N	R	T	Assembly Screw	Applicable Model
B240	40	27	33	27	18	4.5	26	3	8.4	14	5.4	2.7	2.3	M4×8	AF/AL2000
B340	53	40	39	32	22.5	4.5	35	1.5	8	19	6.5	3.25	2.3	M4×8	AF/AL3000
B440	70	54	47	38	31.5	5.5	47	2	10.5	20	8.5	4.25	2.3	M5×10	AF/AL4000
B540	70	54	47	38	27.5	5.5	47	2	10.5	20	8.5	4.25	2.3	M5×10	AF/AL4000-06
B640	90	66	64	52	43	6.5	60	2	13	29	11	5.5	3.2	M6×10	AF/AL5000

XA Series Air Unit Accessories



Spacer With L-Type Bracket

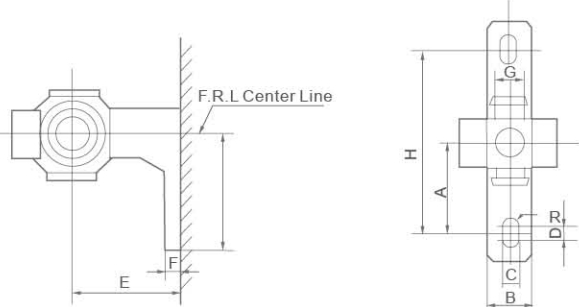


Dimension Sheet

Model	A	B	C	D	E	F	G	R	L	Applicable Model
B110L	20	12	4.5	3	25	5	8	2.25	27	AC1000
B210L	24	15	5.5	3	30	5	10	2.75	33	AC2000
B310L	35	16	7	4	41	7	11	3.5	45	AC2500~3000
B410L	40	22	9	4	50	7	14	4.5	50	AC4000
B510L	40	22	9	4	50	7	14	4.5	50	AC4000-06
B610L	50	23	12	4	69.8	10.5	15	6	63	AC5000



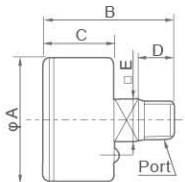
Spacer With T-Type Bracket



Dimension Sheet

Model	A	B	C	D	E	F	G	H	R	L	Applicable Model
B110T	20	12	4.5	3	25	5	8	40	2.25	27	AC1010
B210T	24	15	5.5	3	30	5	10	48	2.75	33	AC2010
B310T	35	16	7	4	40	7	11	70	3.5	45	AC3010
B410T	40	22	9	4	50	7	14	80	4.5	50	AC4000
B510T	40	22	9	4	50	7	14	80	4.5	50	AC4010-06
B610T	50	23	12	4	69	10.5	15	100	6	63	AC5010

Pressure Gauge



Model	Pressure Range	Port	A	B	C	D	E	Applicable Model
G27-10-R1	0~1MPa(Red)	G1/16"	26	17.5	11	6.5	11	AR1000 AW1000
G36-10-01		G1/8"	42	38.5	24	10	11	AR2000~3000 AW2000~3000
G46-10-02	0~150PSI(Blue)	G1/4"	52.5	43.5	25	10	14	AR4000~5000 AW4000~5000

Solenoid valves

Solenoid valves are used for change directional of air flow, control by electricity. There are 3/2, 5/2 and 5/3 way/position as optional, and the port size from M5 to 1/2".XCPC never stop its step to improve the quality, 2 times life time, less friction inside the valve body and high dust prevention, the new type of solenoid valve is available now.

