VICTORY
PNEUMATIC

VICTORY
PNEUMATIC

Ningbo Victory Pneumatic Co., Ltd
Add: Xikou Industrial Zone, Ningbo,China
Tel: 86-574-88853605
Fax: 86-574-88099288
E-mail: sales@victorypneumatic.com
Website: www.victorypneumatic.com

www.victorypneumatic.com

VICTORY PNEUMATIC

OU Series Air Source Treatment Unit

The OU consisted of OFR and OL,each unit can be ordered separately.

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 element.

The OR maintain imputting constant operating pressure despite fluctuation in line pressure and the amount of air consumed.The proportional lubricator adds a regulated quantity of oil to the filtered air.The oil-mist content proportional to the flow and oil can be added during operation. The oil drip rate is controiled by the adjustable bolt.Normally,1to 12 drops/1000L of the air is Suffcient

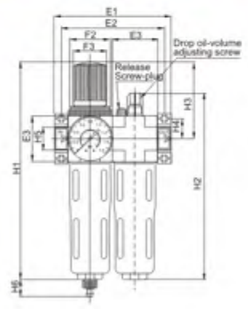
Ordering Code

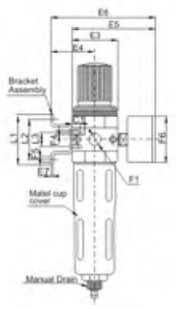
O	–	U	–	1/4	–	□	–	□	–	MINI
Series O Series		**Function code** FR.L Combination		**Port Size** G1/8" G1/2" G1/4" G3/4" G3/8" G1"		**Grade of filtration** Blank:40 μ m 5M:5 μ m		**Manometer** Blank:12bar 7:7bar		**Size** MINI MIDI MAXI

Specification

Service units		MINI			MIDI			MAXI	
Manual Drain	Working pressure:12bar,40μm	OU-1/8-MINI	OU-1/4-MINI	OU-3/8-MINI	OU-3/8-MIDI	OU-1/2-MIDI	OU-3/4-MIDI	OU-3/4-MAXI	OU-1-MAXI
	Working pressure:7bar,40μm	OU-1/8-7-MINI	OU-1/4-D-7-MINI	OU-3/8-7-MINI	OU-3/8-7-MIDI	OU-1/2-7-MIDI	OU-3/4-7-MIDI	OU-3/4-7-MAXI	OU-1-7-MAXI
	Working pressure:12bar,5μm	OU-1/8-5M-MINI	OU-1/4-5M-MINI	OU-3/8-5M-MINI	OU-3/8-5M-MIDI	OU-1/2-5M-MIDI	OU-3/4-5M-MIDI	OU-3/4-5M-MAXI	OU-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	OU-...(-A)	700	1000	1200	2000	2600	2600	7000	8000
	OU-...-7-(-A)	800	1300	1500	2500	2800	2800	8500	8700
	OU-...-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							

Overall Dimensions





Graphic Symbol

Dimension Sheet

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

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

VICTORY PNEUMATIC
www.victorypneumatic.com

OFR 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 OR maintain im putting constant operating pressure despite fluctuation in line pressure and the amount of air consumed.

Ordering Code

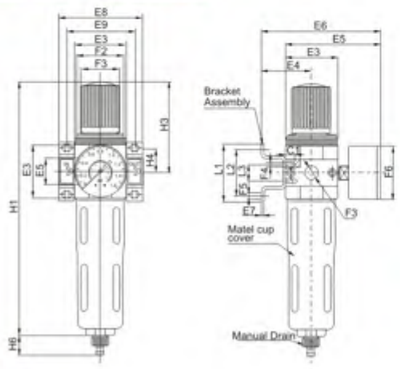
O — FR — 1/4 — □ — □ — MINI

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

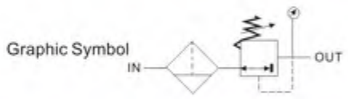
Specification

Filter regulators		MINI			MIDI			MAXI	
Manual Drain	Working pressure:12bar,40μm	OFR-1/8-MINI	OFR-1/4-MINI	OFR-3/8-MINI	OFR-3/8-MIDI	OFR-1/2-MIDI	OFR-3/4-MIDI	OFR-3/4-MAXI	OFR-1-MAXI
	Working pressure:7bar,40μm	OFR-1/8-7-MINI	OFR-1/4-D-7-MINI	OFR-3/8-7-MINI	OFR-3/8-7-MIDI	OFR-1/2-7-MIDI	OFR-3/4-7-MIDI	OFR-3/4-7-MAXI	OFR-1-7-MAXI
	Working pressure:12bar,5μm	OFR-1/8-5M-MINI	OFR-1/4-5M-MINI	OFR-3/8-5M-MINI	OFR-3/8-5M-MIDI	OFR-1/2-5M-MIDI	OFR-3/4-5M-MIDI	OFR-3/4-5M-MAXI	OFR-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	OFR-...	750	1400	1600	3100	3400	3400	9000	10000
	OFR-...-7	900	1500	1700	3400	3900	3900	9500	16000
	OFR-...-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



Graphic Symbol



Dimension Sheet

Model	E3	E4	E5	E6	E8	E9	F1	F2
OFR-...-MINI	40	39	76	95	64	52	G1/8",G1/4",G3/8"	M36×1.5
OFR-...-MIDI	55	47	93	112	85	70	G1/8",G1/2",G3/4"	M52×1.5
OFR-...-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
OFR-...-MINI	31	M4	4.5	40	44	35	11	194	69	17.5	20	15
OFR-...-MIDI	50	M5	5.5	52	71	60	22	250	98	24.5	32	15
OFR-...-MAXI	31	M5	5.5	63	71	60	22	252	80	24.5	32,40	15

OR Series
Regulator

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

Ordering Code

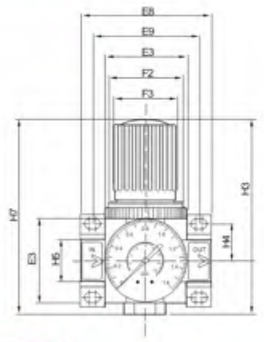
O — R — 1/4 — □ — MINI

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

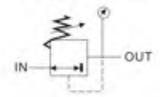
Specification

Regulators		MINI			MIDI			MAXI	
Working pressure 12bar		OR-1/8-MINI	OR-1/4-MINI	OR-3/8-MINI	OR-3/8-MIDI	OR-1/2-MIDI	OR-3/4-MIDI	OR-3/4-MAXI	OR-1-MAXI
Working pressure 7bar		OR-1/8-7-MINI	OR-1/4-7-MINI	OR-3/8-7-MINI	OR-3/8-7-MIDI	OR-1/2-7-MIDI	OR-3/4-7-MIDI	OR-3/4-7-MAXI	OR-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		Filttered,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	OR-...	800	1500	1700	3200	3500	3500	11000	11500
	OR-...-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
OR-...-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
OR-...-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
OR-...-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

VICTORY PNEUMATIC
www.victorypneumatic.com

OF 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 filte relement.

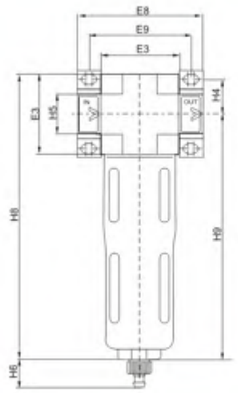
Ordering Code

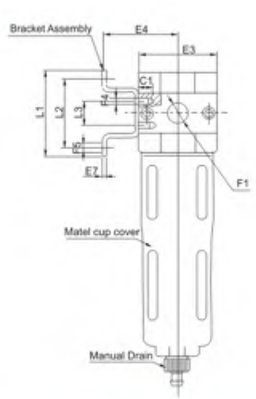
O	—	F	—	1/4	—	□	—	MINI
Series O Series		**Function code** Filter		**Port Size** G1/8" G1/4" G3/8" G1/2" G3/4" G1"		**Grade of filtration** Blank:40μm 5M:5μm		**Size** MINI MIDI MAXI

Specification

Filters		MINI			MIDI			MAXI	
40μm	Manual Drain	OF-1/8-MINI	OF-1/4-MINI	OF-3/8-MINI	OF-3/8-MIDI	OF-1/2-MIDI	OF-3/4-MIDI	OF-3/4-MAXI	OF-1-MAXI
5μm		OF-1/8-5M-MINI	OF-1/4-5M-MINI	OF-3/8-5M-MINI	OF-3/8-5M-MIDI	OF-1/2-5M-MIDI	OF-3/4-5M-MIDI	OF-3/4-5M-MAXI	OF-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
OF-...-MINI	40	39	2	64	52	G1/8",G1/4",G3/8"	M4	4.5	44	35	11	17.5	20	15	144	129
OF-...-MIDI	55	47	3	85	70	G1/8",G1/2",G3/4"	M5	5.5	71	60	22	24.5	32	15	179	156
OF-...-MAXI	66	53	3	96,116	80,91	G3/4",G1"	M5	5.5	71	60	22	24.5	32,40	15	203	175

OL Series
Lubricator

The direct constant-density lubricator add regulatd 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 delives oil fnom the bowl to the sight oil indicator.The drop of the oil flows into the air channel when it is atomized.

The oil drip rate is controlled by means of the regulating screw.Normally,1 to 12 drops/1000L of the air is sufficient.

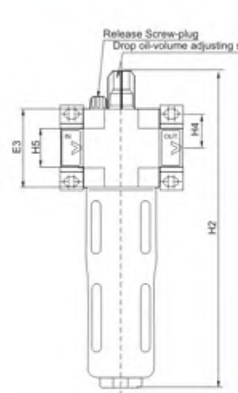
Ordering Code

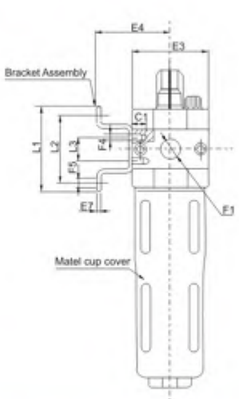
O	—	L	—	1/4	—	MINI
Series O Series		**Function code** Lubricator		**Port Size** G1/8" G1/2" G1/4" G3/4" G3/8" G1"		**Size** MINI MIDI MAXI

Specification

Lubricators	MINI			MIDI			MAXI	
	OL-1/8-MINI	OL-1/4-MINI	OL-3/8-MINI	OL-3/8-MIDI	OL-1/2-MIDI	OL-3/4-MIDI	OL-3/4-MAXI	OL-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							
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
OL-...-MINI	40	39	2	G1/8",G1/4",G3/8"	M4	4.5	44	35	11	17.5	20
OL-...-MIDI	55	47	3	G1/8",G1/2",G3/4"	M5	5.5	71	60	22	24.5	32
OL-...-MAXI	66	53	3	G3/4",G1"	M5	5.5	71	60	22	24.5	32,40

VICTORY PNEUMATIC
www.victorypneumatic.com

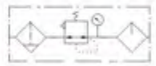
AC1000~5000 Series Air Filter Combination(F.R.L Combination)

AC2000-02 AC4000-04

Ordering Code

A	C	3000	—	03	□
Series: A series	Function code: F.R.L Combination	Specification Code: 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 (Avaible for 2000 or above)

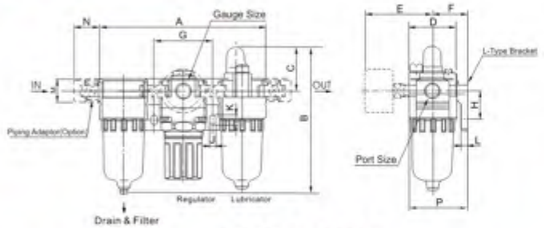
Graphic Symbol



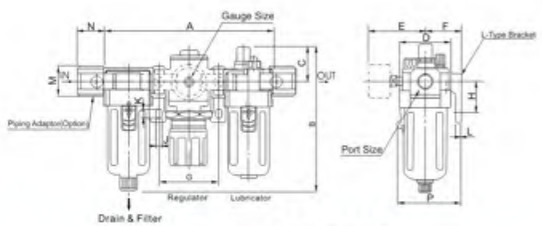
Specification

Model	AC1000 -M5	AC2000 -01	AC2000 -02	AC3000 -02	AC3000 -03	AC4000 -03	AC4000 -04	AC4000 -06	AC5000 -06	AC5000 -10
Rated Flow	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 Elementsl: Filter	AF1000-M5	AF2000-01	AF2000-02	AF3000-02	AF3000-03	AF4000-03	AF4000-04	AF4000-06	AF5000-06	AF5000-10
Composing Elementsl: Regulator	AR1000-M5	AR2000-01	AR2000-02	AR3000-02	AR3000-03	AR4000-03	AR4000-04	AR4000-06	AR5000-06	AR5000-10
Composing Elementsl: Lubricator	AL1000-M5	AL2000-01	AL2000-02	AL3000-02	AL3000-03	AL4000-03	AL4000-04	AL4000-06	AL5000-06	AL5000-10

Overall Dimensions



AC1000~2000



AC3000~5000

Dimension Sheet

Model	Port Size(G)	A	B	C	D	E	F	G	H	J	K	L	M	N	P
AC1000	M5	91	84.5	25.5	25	26	25	33	20	4.5	7.5	5	17.5	16	38.5
AC2000	G1/8" ~G1/4"	140	125	38	40	56.8	30	50	24	5.5	8.5	5	22	23	50
AC3000	G1/4" ~G3/8"	181	156.5	38	53	60.8	41	64	35	7	11	7	34.2	26	70.5
AC4000	G3/8" ~1/2"	238	191.5	41	70	65.5	50	84	40	9	13	7	42.2	33	88
AC4000-06	G3~4"	153	193	40.5	70	69.5	50	89	40	9	13	7	46.2	36	88
AC5000	G3/4" ~G1"	300	271.5	48	90	75.5	69.8	105	50	12	16	10.5	55.5	40	115

AC1010~5010 Series Air Filter Combination(FR.L Combination)

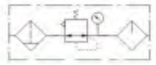
AC2010-02

AC4010-04

Ordering Code

A	C	3010	—	03	□
Series: A series	Function code: F.R.L Combination	Specification Code: 1010, 2010, 3010, 4010, 5010		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 (Avaible for 2000 or above)

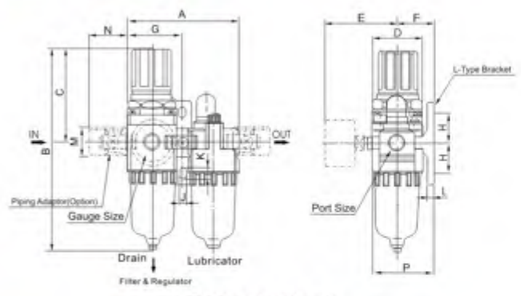
Graphic Symbol



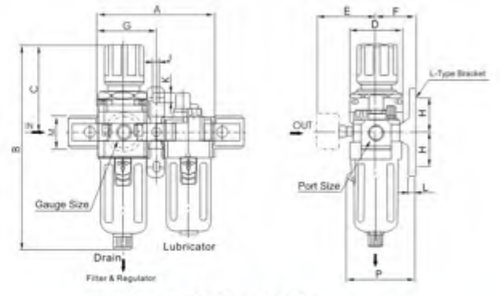
Specification

Model	AC1010 -M5	AC2010 -01	AC2010 -02	AC3010 -02	AC3010 -03	AC4010 -03	AC4010 -04	AC4010 -06	AC5010 -06	AC5010 -10
Rated Flow	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 Elementsl: Filter&Regulator	AW1000-M5	AW2000-01	AW2000-02	AW3000-02	AW3000-03	AW4000-03	AW4000-04	AW4000-06	AW5000-06	AW5000-10
Composing Elementsl: Lubricator	AL1000-M5	AL2000-01	AL2000-02	AL3000-02	AL3000-03	AL4000-03	AL4000-04	AL4000-06	AL5000-06	AL5000-10

Overall Dimensions



AC1010~2010



AC3010~5010

Dimension Sheet

Model	Port Size(G)	A	B	C	D	E	F	G	H	J	K	L	M	N	P
AC1010	M5	58	109.5	50.5	25	26	25	29	20	4.5	7.5	5	17.5	16	38.5
AC2010	G1/8" ~G1/4"	90	164.5	78	40	56.8	30	45	24	5.5	8.5	5	22	23	50
AC3010	G1/4" ~G3/8"	117	211	92.5	53	60.8	41	58.5	35	7	11	7	34.2	26	70.5
AC4010	G3/8" ~1/2"	154	262	112	70	70.5	50	77	40	9	13	7	42.2	33	88
AC4010-06	G3~4"	164	267	114	70	70.5	50	82	40	9	13	7	46.2	36	88
AC5010	G3/4" ~G1"	195	338	116	90	75.5	69.8	97.5	50	12	16	10.5	55.5	40	115

VICTORY PNEUMATIC
www.victorypneumatic.com

AF1000~5000 Series Air Filter

AF2000-02

AF4000-04

Ordering Code

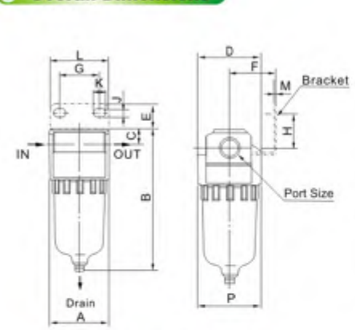
A	F	3000	—	03	□
Series A series	Function code Filter	Specification Code 1000 2000 3000 4000 5000		Port Size M5:M5×0.8 01:G1/8" 02:G1/4" 03:G3/8" 04:G1/2" 06:G3/4" 10:G1"	Drain Type Blank:Manual Drain Type D:Auto Drain Type (Avaible for 2000 or above)

Graphic Symbol

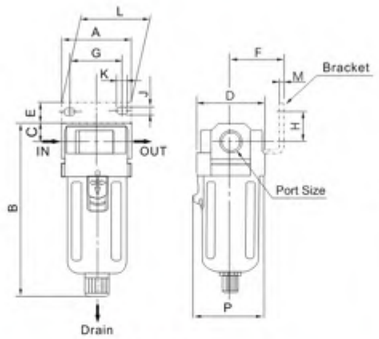
Specification

Model	AC1000 -M5	AC2000 -01	AC2000 -02	AC3000 -02	AC3000 -03	AC4000 -03	AC4000 -04	AC4000 -06	AC5000 -06	AC5000 -10
Rated Flow	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								

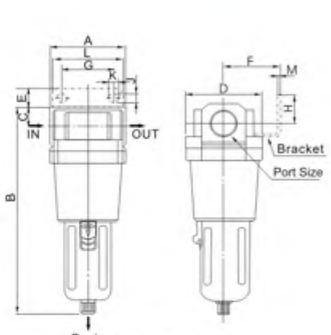
Overall Dimensions



AF1000~2000



AF3000~4000



AF5000

Dimension Sheet

Model	Port Size(G)	A	B	C	D	E	F	G	H	J	K	L	M	P
AF1000	M5	25	66	7	25	-	-	-	-	-	-	-	-	26.5
AF2000	G1/8" ~G1/4"	40	97.5	11	40	17	30	27	22	5.4	8.4	40	2.3	40
AF3000	G1/4" ~G3/8"	53	132.5	14	53	16	41	40	23	6.5	8	53	2.3	56
AF4000	G3/8" ~1/2"	70	168.5	18	70	17	50	54	26	8.5	10.5	70	2.3	73
AF4000-06	G3~4"	75	172.5	20	70	14	50	54	25	8.5	10.5	70	2.3	73
AF5000	G3/4" ~G1"	90	247.5	24	90	23	66.5	66	35	11	13	90	3.2	90

AR 1000~5000 Series Regulator

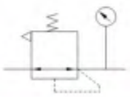
Ordering Code

A	R	3000	—	03
Series A series	Function code Regulator	Specification Code 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"

AR2000-02

AR4000-04

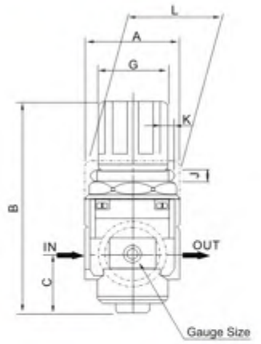
Graphic Symbol

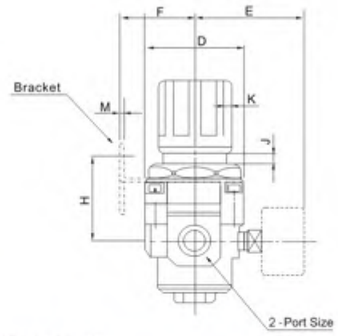


Specification

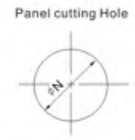
Model	AR1000 -M5	AR2000 -01	AR2000 -02	AR3000 -02	AR3000 -03	AR4000 -03	AR4000 -04	AR4000 -06	AR5000 -06	AR5000 -10
Rated Flow	100	550	550	2500	2500	6000	6000	6000	8000	8000
Port Size	M5	G1/8"	G1/4"	G1/4"	G3/8"	G3/8"	G1/2"	G3/4"	G3/4"	G1"
Highest Working Pressure	1.0MPa									
Ensured pressure Resistance	1.5MPa									
Operating Temperature Range	5~60℃									
Range of Adjustable Pressure	0.05~0.85MPa									
Valve Type	With Overflow									

Overall Dimensions





AR1000~5000



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
AR1000	M5	25	61.5	11	25	26	25	28	30	4.5	6.5	40	2	20.5
AR2000	G1/8" ~G1/4"	40	95	17	40	56.8	30	34	44	5.4	15.4	55	2.3	33.5
AR3000	G1/4" ~G3/8"	53	127.5	35	53	60.8	39	40	46	6.5	8	53	2.3	42.5
AR4000	G3/8" ~1/2"	70	149.5	37.5	70	65.5	49.5	54	54	8.5	10.5	70	2.3	52.5
AR4000-06	G3~4"	75	154	40.5	70	69.5	49.5	54	55.5	8.5	10.5	70	2.3	52.5
AR5000	G3/4" ~G1"	90	168	48	90	75.5	49.5	54	62	8.5	10.5	70	2.3	52.5

VICTORY PNEUMATIC
www.victorypneumatic.com

AW 1000~5000 Series Filter & Regulator

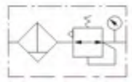
AW2000-02

AW4000-04

Ordering Code

A	W	3000	—	03	□
Series A series	**Function code** Filter & Regulator	**Specification Code** 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 (Avaible for 2000 or above)

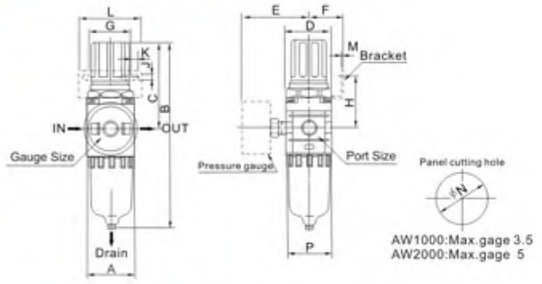
Graphic Symbol



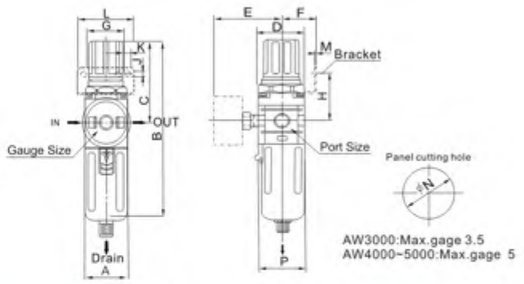
Specification

Model	AW1000 -M5	AW2000 -01	AW2000 -02	AW3000 -02	AW3000 -03	AW4000 -03	AW4000 -04	AW4000 -06	AW5000 -06	AW5000 -10
Rated Flow	100	550	550	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	25 μ									
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



AW1000~2000



AW3000~5000

Dimension Sheet

Model	Port Size(G)	A	B	C	D	E	F	G	H	J	K	L	M	N	P
AW1000	M5	25.	109.5	50.5	25	26	25	28	30	4.5	6.5	40	2	20.5	28
AW2000	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
AW3000	G1/4" ~G3/8"	53	211	92.5	53	60.8	39	40	46	6.5	8	53	2.3	42.5	56
AW4000	G3/8" ~1/2"	70	262	112	70	70.5	49.2	54	53.5	8.5	10.5	70	2.3	52.2	73
AW4000-06	G3~4"	75	267	114	70	70.5	49.2	54	55.5	8.5	10.5	70	2.3	52.5	73
AW5000	G3/4" ~G1"	90	338	116	90	75.5	49.2	54	62	8.5	10.5	70	2.3	52.5	90

AL 1000~5000 Series Lubricator

AL2000-02

AL4000-04

Ordering Code

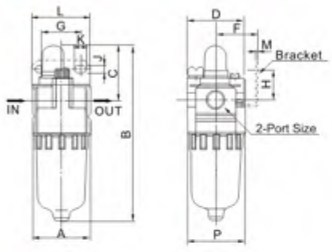
A	L	3000	—	03
Series A series	**Function code** Lubricator	**Specification Code** 1000 2000 3000 4000 5000		**Port Size** M5:M5×0.8 01:G1/8" 02:G1/4" 03:G3/8" 04:G1/2" 06:G3/4" 10:G1"

Graphic Symbol

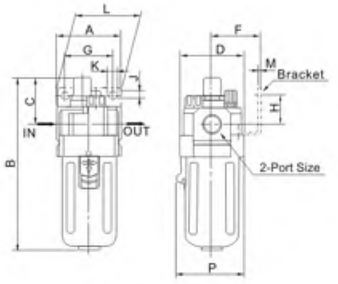
Specification

Model	AL1000 -M5	AL2000 -01	AL2000 -02	AL3000 -02	AL3000 -03	AL4000 -03	AL4000 -04	AL4000 -06	AL5000 -06	AL5000 -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						

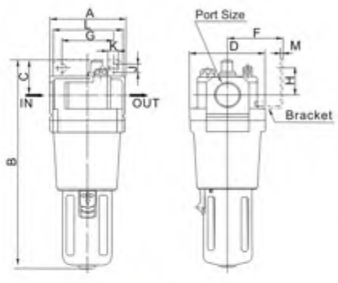
Overall Dimensions



AL1000~2000



AL3000~4000



AL5000

Dimension Sheet

Model	Port Size(G)	A	B	C	D	F	G	H	J	K	L	M	P
AL1000	M5	25	81.5	25.5	25	-	-	-	-	-	-	-	27
AL2000	G1/8" ~G1/4"	40	122	38	40	30	27	22	5.4	8.4	40	2.3	40
AL3000	G1/4" ~G3/8"	53	142	38	53	41	40	23	6.5	8	53	2.3	56
AL4000	G3/8" ~1/2"	70	177	41	70	50	54	26	8.5	10.5	70	2.3	73
AL4000-06	G3~4"	75	177	39	70	50	54	25	8.5	10.5	70	2.3	73
AL5000	G3/4" ~G1"	90	254	45	90	66.5	66	35	11	13	90	3.2	90

VICTORY PNEUMATIC
www.victorypneumatic.com

G Series 2000~5000 Source Treatmat Unit

Ordering Code

Model	Port Size
GC2-01	G1/8"
GC2-02	G1/4"
GC3-02	G1/4"
GC3-03	G3/8"
GC3-04	G1/2"

GC2 — 01 — □ — L

- **Series Code**: Filter&Regulator+ Lubricator
- **Port Size**
- **Drian Type**: Blank:Differential Drain; D:Automatic Drain
- **Pressure Range**: Blank:Standard; L:Low-Pressure Type

Model	Port Size
GWL2-01	G1/8"
GWL2-02	G1/4"
GWL3-02	G1/4"
GWL3-03	G3/8"
GWL3-04	G1/2"

GWL2 — 01 — □ — L

- **Series Code**: Filter&Regulator+ Lubricator
- **Port Size**
- **Drian Type**: Blank:Differential Drain; D:Automatic Drain
- **Pressure Range**: Blank:Standard; L:Low-Pressure Type

Model	Port Size
GFR2-01	G1/8"
GFR2-02	G1/4"
GFR3-02	G1/4"
GFR3-03	G3/8"
GFR3-04	G1/2"

GFR2 — 01 — L — □

- **Series Code**: Filter&Regulator
- **Port Size**
- **Pressure Range**: Blank:Standard; L:Low-Pressure Type
- **Bracket**: Blank:Without bracket; J:With bracket

Model	Port Size
GF2-01	G1/8"
GF2-02	G1/4"
GF3-02	G1/4"
GF3-03	G3/8"
GF3-04	G1/2"

GF2 — 01 — D — W

- **Series Code**: Filter
- **Port Size**
- **Drian Type**: Blank:Differential Drain; D:Automatic Drain
- **Precision Filter**: Blank:40μm; W:5μm

Model	Port Size
GL2-01	G1/8"
GL2-02	G1/4"
GL3-02	G1/4"
GL3-03	G3/8"
GL3-04	G1/2"

GL2 — 01 — □

- **Series Code**: Lubricator
- **Port Size**
- **Thread Type**: Blank: BSP; NPT: NPT; PT: PT

Model	Port Size
GR2-01	G1/8"
GR2-02	G1/4"
GR3-02	G1/4"
GR3-03	G3/8"
GR3-04	G1/2"

GR2 — 01 — L — □

- **Series Code**: Regulator
- **Port Size**
- **Pressure Range**: Blank:Standard; L:Low-Pressure Type
- **Bracket**: Blanke:Without bracket; J:With bracket

MA 2000~5000 Series Air Filter Combination(Three Elements)

Ordering Code

MAC4000-04

MAC2000-02

Model	Port Size
MAC2000-02(01)	1/4"(1/8")
MAC3000-03(02)	3/8"(1/4")
MAC4000-04(03)	1/2"(3/8")
MAC4000-06	3/4"
MAC5000-10(06)	1"(3/4")

MA — C — 3000 — 04 — □

- **Series**: MA 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 (Avaible for 3000 or above)

MAC4010-04

MAC2010-02

Model	Port Size
MAC2010-02(01)	1/4"(1/8")
MAC3010-03(02)	3/8"(1/4")
MAC4010-04(03)	1/2"(3/8")
MAC4010-06	3/4"
MAC5010-06(06)	1"(3/4")

MA — C — 3010 — 04 — □

- **Series**: MA series
- **Function code**: FR.L Combination
- **Specification Code**: 2010; 3010; 4010; 5010
- **Port Size**: 01:G1/8"; 02:G1/4"; 03:G3/8"; 04:G1/2"; 06:G3/4"; 10:G1"
- **Dtian Type**: Blank:Manual Drain Type; D:Auto Drain Type (Avaible for 3000 or above)

MAW4000-04

MAW2000-02

Model	Port Size
MAW2000-02(01)	1/4"(1/8")
MAW3000-03(02)	3/8"(1/4")
MAW4000-04(03)	1/2"(3/8")
MAW4000-06	3/4"
MAW5000-10(06)	1"(3/4")

MA — W — 3000 — 04 — □

- **Series**: MA series
- **Function code**: Filter&Regulator
- **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 (Avaible for 2000 or above)

MAF2000-01

MAF4000-04

Model	Port Size
MAF2000-02(01)	1/4"(1/8")
MAF3000-03(02)	3/8"(1/4")
MAF4000-04(03)	1/2"(3/8")
MAF4000-06	3/4"
MAF5000-10(06)	1"(3/4")

MA — F — 3000 — 04 — □

- **Series**: MA series
- **Function code**: Filter
- **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 (Avaible for 2000 or above)

MAL4000-04

MAL2000-02

Model	Port Size
MAL2000-02(01)	1/4"(1/8")
MAL3000-03(02)	3/8"(1/4")
MAL4000-04(03)	1/2"(3/8")
MAL4000-06	3/4"
MAL5000-10(06)	1"(3/4")

MA — L — 3000 — 04

- **Series**: MA series
- **Function code**: 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"

VICTORY PNEUMATIC
www.victorypneumatic.com

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

BC4000

AC2000

Ordering Code

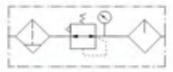
BC — 3000 — □

Series
AC:Small Size
BC:Middle Size

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

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

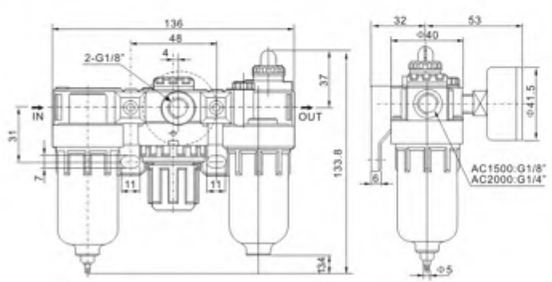
Graphic Symbol



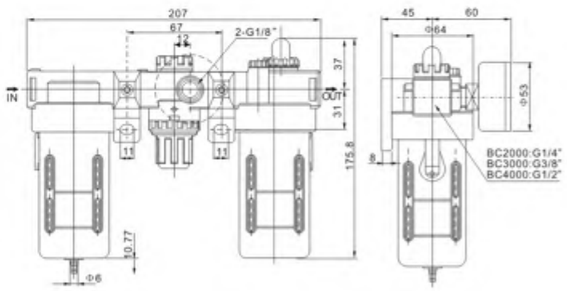
Specification

Model		AC1500	AC2000	BC2000	BC3000	BC4000
Operating Fluid				Air		
Port Size		G1/8"	G1/4"	G1/4"	G3/8"	G1/2"
Fitierlng Element Reughness				40μ		
Range of Adlustable Pressure				0.05~0.85MPa		
Max Adlustable Pressure				0.95MPa		
Ensu red Pressure Resistance				1.5MPa		
Operating Temperature Range				5~60℃		
Capacitv 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		
Weight		0.7 KG		0.9 KG		
Material	Body			Aluminum Die-casting Forming		
	Container Cup			PE		
	Protedive Cup Cover	-		Iron		
Composing Elementsl	Fitier	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)

BFC4000

AFC2000

Ordering Code

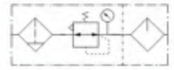
BFC — 3000 — □

Series
AFC:Small Size
BFC:Middle Size

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

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

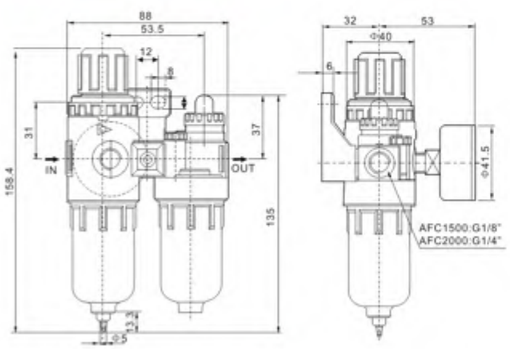
Graphic Symbol



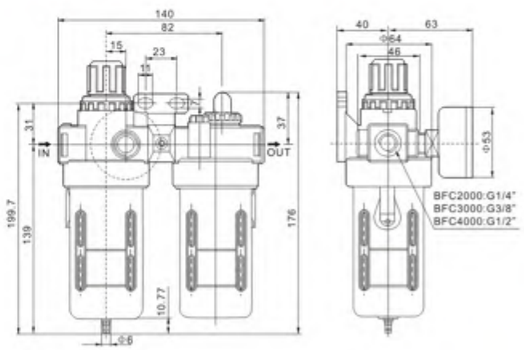
Specification

Model		AFC1500	AFC2000	BFC2000	BFC3000	BFC4000
Operating Fluid				Air		
Port Size		G1/8"	G1/4"	G1/4"	G3/8"	G1/2"
Fitierlng Element Reughness				40μ		
Range of Adlustable Pressure				0.05~0.85MPa		
Max Adlustable Pressure				0.95MPa		
Ensured Pressure Resistance				1.5MPa		
Operating Temperature Range				5~60℃		
Capacitv 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		
Weight		0.5 KG		0.7 KG		
Material	Body			Aluminum Die-casting Forming		
	Container Cup			PE		
	Protedive Cup Cover	-		Iron		
Composing Elements	Fitier & Regulator	AFR1500	AFR2000	BFR2000	BFR3000	BFF4000
	Lubricator	AL1500	AL2000	BL2000	BL3000	BL4000

Overall Dimensions



AFC Series



BFC Series

VICTORY PNEUMATIC
www.victorypneumatic.com

AFR,BFR Series
Filter&Regulator

BFR4000

AFR2000

Ordering Code

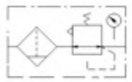
BFR — 3000 — □

Series
AFR:Small Size
BFR:Middle Size

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

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

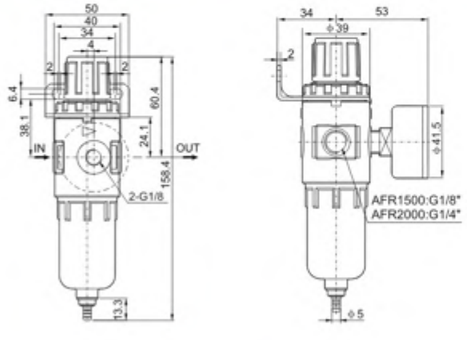
Graphic Symbol



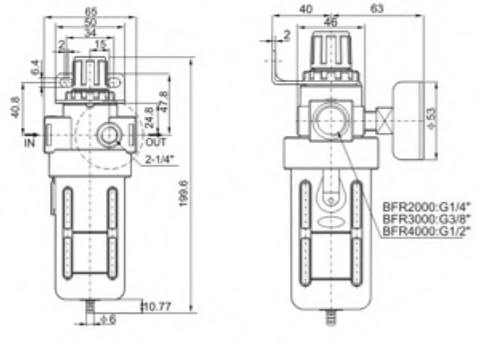
Specification

Model	AFR1500	AFR2000	BFR2000	BFR3000	BFR4000
Operating Fluid	Air				
Port Size	G1/8"	G1/4"	G1/4"	G3/8"	G1/2"
Range of Adlustable Pressure	0.05~0.85MPa				
Max Adlustable Pressure	0.95MPa				
Ensured Pressure Resistance	1.5MPa				
Operating Temperature Range	5~60℃				
Capacitv of Filter Cup	15 cc		60 cc		
Weight	0.26 KG		0.40 KG		
Material: Body	Aluminum Die-casting Forming				
Material: Container Cup	PE				
Material: Protedive Cup Cover	-		Iron		

Overall Dimensions



AFR Series



BFR Series

AF,BF Series
Air Filter

BF4000

AF2000

Ordering Code

BF — 3000 — □

Series
AF:Small Size
BF:Middle Size

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

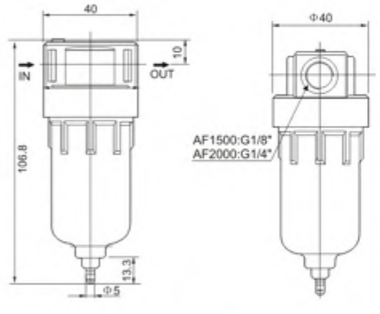
Drian Type
Blank:Manual Drain Type
D:Auto Drain Type

Graphic Symbol

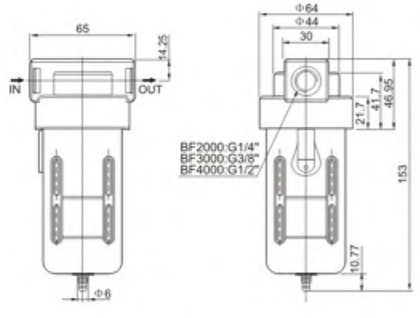
Specification

Model	AF1500	AF2000	BF2000	BF3000	BF4000
Operating Fluid	Air				
Port Size	G1/8"	G1/4"	G1/4"	G3/8"	G1/2"
Fitierlng Element Reughness	40 μ				
Ensured Pressure Resistance	1.5MPa				
Operating Temperature Range	5~60℃				
Capacitv of Filter Cup	15 cc		60 cc		
Weight	0.14 KG		0.33KG		
Material: Body	Aluminum Die-casting Forming				
Material: Container Cup	PE				
Material: Protedive Cup Cover	-		Iron		

Overall Dimensions



AF Series



BF Series

VICTORY PNEUMATIC
www.victorypneumatic.com

AR,BR Series Regulator

BR4000

AR2000

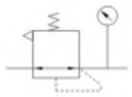
Ordering Code

BR — 2000

Series
AR:Small Size
BR:Middle Size

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

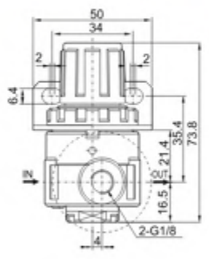
Graphic Symbol

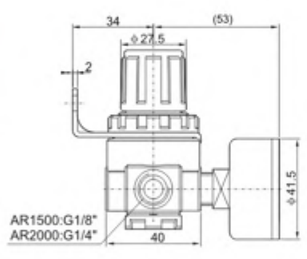


Specification

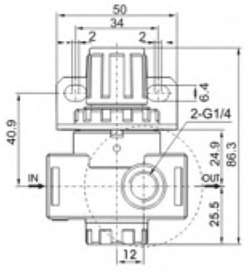
Model	AR1500	AR2000	BR2000	BR3000	BR4000
Operating Fluid	Air				
Port Size	G1/8"	G1/4"	G1/4"	G3/8"	G1/2"
Range of Adjustable Pressure	0.05~0.85MPa				
Max.Adjustable Pressure	0.95MPa				
Ensured Pressure Resistance	1.5MPa				
Operating Temperature Range	5~60℃				
Weight	0.20KG		0.23KG		
Material of Body	Aluminum Die-casting Forming				

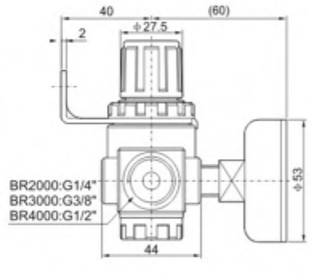
Overall Dimensions





AR Series





BR Series

AL,BL Series Lubricator

BL4000

AL2000

Ordering Code

BL — 2000

Series
AL:Small Size
BL:Middle Size

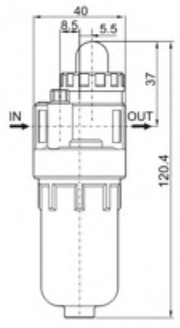
Port Size
1500:G1/8"
2000:G1/4"
3000:G3/8"
4000:G1/2"

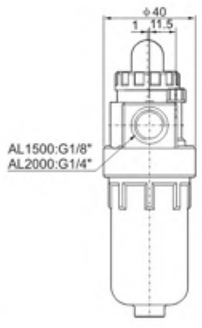
Graphic Symbol

Specification

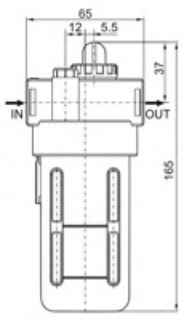
Model		AL1500	AL2000	BL2000	BL3000	BL4000
Operating Fluid		Air				
Port Size		G1/8"	G1/4"	G1/4"	G3/8"	G1/2"
Ensured Pressure Resistance		1.5MPa				
Operating Temperature Range		5~60℃				
Suggested Lube		ISO VG 32 or Same Grade Oil				
Capacity of Oil Feed Cup		25 cc		90 cc		
Weight		0.17 KG		0.25KG		
Material	Body	Aluminum Die-casting Forming				
	Container Cup	PE				
	Protedive Cup Cover	-		Iron		

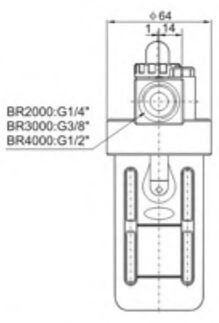
Overall Dimensions





AL Series





BL Series

VICTORY PNEUMATIC
www.victorypneumatic.com

PIR Series Precision Regulator

Ordering Code

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

Graphic Symbol

Port Size G1/8",G1/4",G3/8"
Standard Type, Autom Drain Type and Metal Cup as Optional。

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

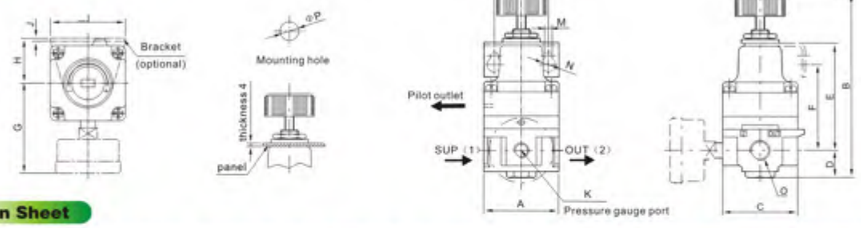
Order Example

1):PIR Series, Valve Body: 20, Port Size: G1/4, Pressure Range: 10, Model: PIR-2010-02
1):PIR Series, Valve Body: 30, Port Size: G1/2, Pressure Range: 20, Model: PIR-3010-04

Specification

Specification	PIR1000-01	PIR1010-01	PIR1020-01	PIR2000-02	PIR2010-0.2	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	G1/2	ϕ12.5
PIR3020-03	66	148	66	22	76	76	68	48	82	2.3	G1/8	60	9	ϕ15.5		ϕ12.5

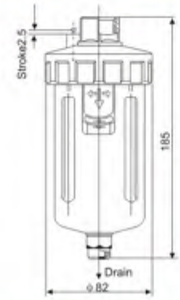
HAD402 series Auto Drain

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 draine r should be installed ve rtically the drain port facing down

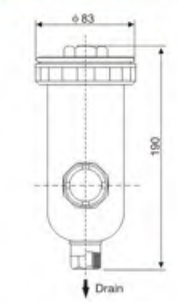
SAH402 series High Pressure Auto Drain

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 draine r should be installed vertically the drain port facing down.

VICTORY
PNEUMATIC
www.victorypneumatic.com

ZDFS Type
Auto Drain

Range of Application

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

Technical Requirements

Working medium: Compressed air
Ambient and Medium Temperature: 5～60℃
Operating Pressure: 0.15～1.00Mpa

Features

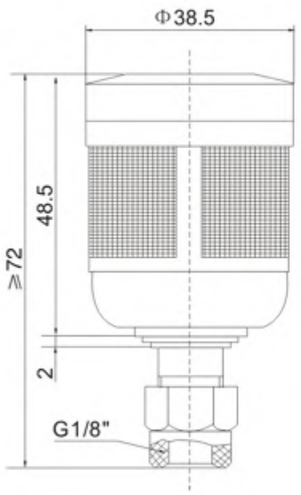
Auto Drain
Air Shutoff Drain
Manual Drain

Points for Attention

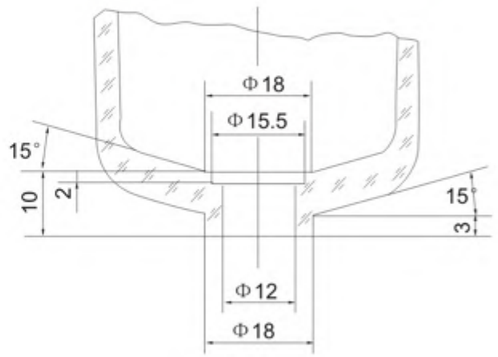
When using ,the drainer should be installed vertically the drain port facing down.

If you need ZDFS type auto drain for air preparation units,
Please just tell me models of air preparation units.
We will recommend proper ZDFS auto drain as your models.

Overall Dimensions



Dimensional Drawing of Water Cup Connecting Part



VICTORY
PNEUMATIC