

Please read this safety notice carefully, pay attention to safety items while using this product, in order to prevent injury to human body and damage of property: thus, it is divided into three classes of "Danger" "Warning" and "Caution" according to the extend of prevention.



F.R.L

	Danger: Obviously situated at "Danger" state, may cause casualty if not avoided; take special safety protection and management to prevent the occurrence of "Danger"
	Warning: Condition of operation is situated at "Danger" state, may cause casualty if not avoided; take special safety protection and management to prevent the occurrence of "Danger"
	Caution: Condition of operation is situated at "Danger" state, may cause minor or moderate injury and damage of property if not avoided; take safety protection and management.

- For safety protection and prevention of accident, please understand the condition of application and know the design, installation, procedure of usage and essential safety condition before using this product.
- Please use within the specification and requirement of this product; application beyond the specification may cause hazard. In case of special condition of application, take the confirmation of safety into account and then use it; in case of doubt in reading this information and related data, contact us before using.
- It is hazardous in wrong assemble and operation of compressed air and its accessories; so while selecting the product, the related person of design, assemble, operating and service should possess sufficient knowledge and experience, and follow normal operating procedure, in order to maintain safe operation and good effect.

This product is suitable for application in general industrial equipment; adhere to the following caution while designing, assembling using and maintenance.

- Danger:**
1. Please never use in following applications
 - Use in operation, delivering and management of the appliance for the purpose of human life and body.
 - Use in operation which rise obvious "Danger" and safety concern to human life and body.
 - Special for safety purpose, situation with impact of safety to human life and body.
 2. Confirmation of safety shall avoid the following conditions which cause safety impact to human and damage of equipment.
 - Operation of machine, device should note to the drop of drop of driven object or race at the rotation radius and operation range cause injury of human and damage of equipment.
 - Operation of machine, device should note the air supply source and poor power supply and interruption and cause injury of human and damage of equipment.
 - When restarting the machine, device may cause object flying out and cause injury of human and damage of equipment.

- Warning:**
1. Please never use in following situation
 - in outdoor dusty condition
 - Avoid chemical, corrosive and inflammable gas; avoid sea water, high temperature place in surrounding
 - Exceed the condition in the specification of the product
 - In the place tend to received rigorous shock impact, which affect the quality and stability of the product.
 2. Please don't make any modification or disassemble to the structure, lunction of the product
 3. Shut off the power switch and air source properly before service and maintenance, avoid consequent hazard and damage of product.
 4. Avoid consequent hazard and damage of product while assembling and operation.

- Caution:**
1. Pay attention to the cleanliness of the pipeline while laying the pipe, avoid dust, dirt and leak proof tape been sucked into the pipeline, affect the operation performance of the product
 2. There are itemized cautions for various products, please contact our sales person if any doubt arouse.

Please read the safety notice carefully before using and pay attention to the safety caution of this product
Pay attention to the individual caution for various model series(read the cautions and safety notice in P1-2 for common cautions)

Caution for design, selection

Warning:

- PC transparent cup of the filter, oil applicator and the see through oil dripping device of oil applicator are made of PC plastic material, no synthetic oil, organic solvent, chemical, cutting oil, volatile gas and above mentioned conditions is allowed, in order to avoid destruction of material and affect safety of application.
- If the selected plastic panel of the pressure meter for regulation valve is not suitable for spraying with organic solvent, please avoid possible panel damage of the pressure meter.

Caution:

- Avoid the place with impact or rigorous vibration when designing the device; avoid to be mounted outdoor and environment presence with chemical and corrosive air.

Caution for assembling

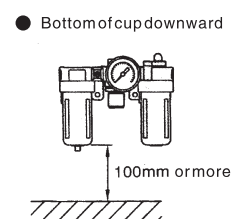
Danger:

- Pay attention to the direction of the air source while installing, never used in reversed air direction.
- Use spanner to tighten the pressure mater while installing, never tighten with your hand holding the casing of the pressure meter to avoid damage of the pressure meter.
- Follow the torque in table below while laying the pipe (tighten the connector), never exceed the range of application to avoid damage of product.

● Torque chart for piping

Port size	Appropriate turning torque N.m(kgf.cm)
G1/8	7~9(70~90)
G1/4	12~14(120~140)
G3/8	22~24(220~240)
G1/2	28~30(280~300)
G3/4	28~30(280~300)
G1	36~38(360~380)

- Filter and lubricator should be mounted with correct direction(Bottom of cup downward as illustrated in figure A) to ensure the function of the product while using.
- Prevent debris and leak proof tape residue from entering the pipe while laying, if the connector is locked by using anoxic glue, avoid excessive amount and fluid glue form flowing in the body, which may cause jammed and poor movement.



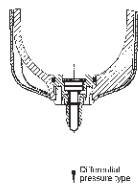
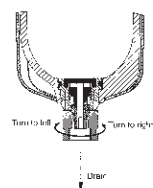
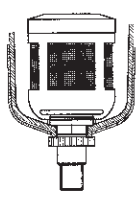
Caution for application



Danger:

- Don't remove the PC cup while running to avoid hazard; the press key of the PC cup should be locked in position and then air supply is allowed
- While top up oil to lubricator while running, shut off the air and then top up; air supply is allowed only after oiling and lock the oil plug.
- Caution for strainer or filter:
 1. The pressure differential type strainer use only for pressure above 0.15mpa (1.5kgf/cm²)
 2. Automatic float ball strainer use only for pressure above 0.1mpa (1.0kgf/cm²)
 3. Care for the cleanliness of air and PC cup, avoid clogged by debris and dirt cause poor function of the strainer and leak

Operation and function of the drain cock

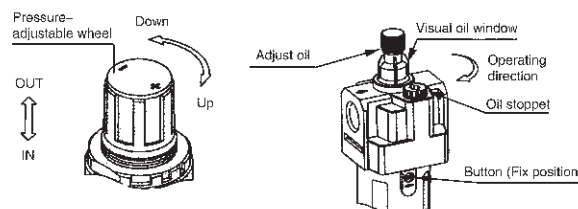
A	B	C
Differential pressure type	Manual drain standard	Automatic drain option
Adopting pressure differential for automatic drain, drain automatically when the air depletion and make up produce differential.	Also placed the left to be differential pressure type	Use float switch valve, drain automatically when water level over the float, close automatically after completely drain
		

- Hand turn the oil regulator oil ring of the regulator and oil applicator while operating, use no spanner, pliers tool to clamp, to prevent damage and affect safe operation.
- Lubricant of the oil applicator is tended to cause poor operation of the oil applicator and resulting in structure damage.
- Prevent backflow of residue at the end of the pipeline while stop operation, prevent the oil, water contain air in bleed pipe to flow back the device, cause blockage and damage.



Caution:

- The setting range of the secondary pressure of the pressure regulation valve use as 85% of primary pressure or below to achieve better pressure setting and regulation
- The rotating button of the pressure regulator must be pulled before turning, increase pressure while turning in clockwise direction and vice versa to decrease. Press in and secure the swing button after operation. After turning to max value (either positive or reverse) (with no pressure variation anymore), don't turn by force or use tool to avoid damage.



F.R.L

- Align the scale of the transparent dripping device of the oil applicator to the pointer (protrusion) to regulate the oil fed amount, the feeding swing button allow one direction turning, operate in clockwise direction (positive), no counterclockwise direction (reverse) turning is allowed. The max and min oil amount values shall match the air use in adjustment.
- The density of element of filter is 5μm~20μm, the pipeline should maintain dry air, prevent excessive debris cause blockage and insufficient flow.

Caution for service and maintenance



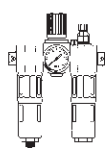
Warning:

- Confirm the air line and power is turned off before serving, prevent injury and damage while disassembly for maintenance



Danger:

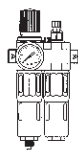
- The removal and installation of the element of the filter and oil applicator plug use hexagonal spanner; avoid to use tool in other maintenance, disassemble the internal part in unsuitable manner may cause poor performance of the product and affect safe operation
- Replace the element of the filter is clogged or poor performance, avoid blockage and insufficient flow
- The PC cup of the filter and oil applicator suitable to wipe by cotton paper or wash with luke warm water and neutral household detergent, avoid to use chemical which caused damage.
- After service and maintenance, check for all parts are tighten and position properly, and confirm the matching are safe and no problem, and then start air supply.



DC Filter+Regulator+Lubricator -----

Optional(M5,1/8",1/4",3/8",1/2",3/4",1")

008



DC Filter Regulator+Lubricator -----

Optional(M5,1/8",1/4",3/8",1/2",3/4",1")

010

DC



DFR Filter Regulator -----

Optional(M5,1/8",1/4",3/8",1/2",3/4",1")

012



DF Filter -----

Optional(M5,1/8",1/4",3/8",1/2",3/4",1")

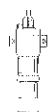
014



DR Relief Valve -----

Optional(M5,1/8",1/4",3/8",1/2",3/4",1")

016

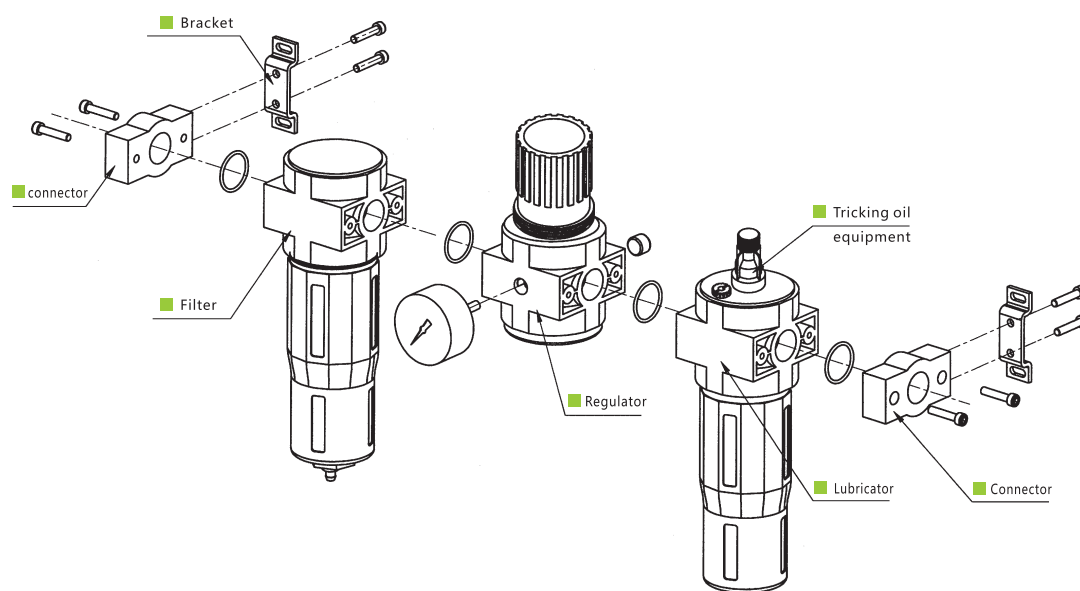


DL Atomized Lubricator -----

Optional(M5,1/8",1/4",3/8",1/2",3/4",1")

018

F.R.L assembled sketch:



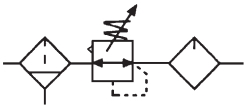
Filter+Regulator+Lubricator

Specification:

Type	DC100-M5, 01	DC200-01, 02, 03	DC400-03, 04, 06	DC600-06, 08
Port size(G)	M5 · 1/8"	1/8" · 1/4" · 3/8"	3/8" · 1/2" · 3/4"	3/4" · 1"
Gauge thread(G)	M5	1/8"	1/4"	
Fluid	Compressed air			
Operating pressure range(MPa)	0.15~0.85	0.15~1.2		
Max.Flow rate(L/min)	500	1700	3500	11500
Ambient temperature(°C)	-10~60			
Filter precision	5µm or 40µm			
Cup material	Polycarbonate			
Guard cup	-	●	●	●



Symbol:



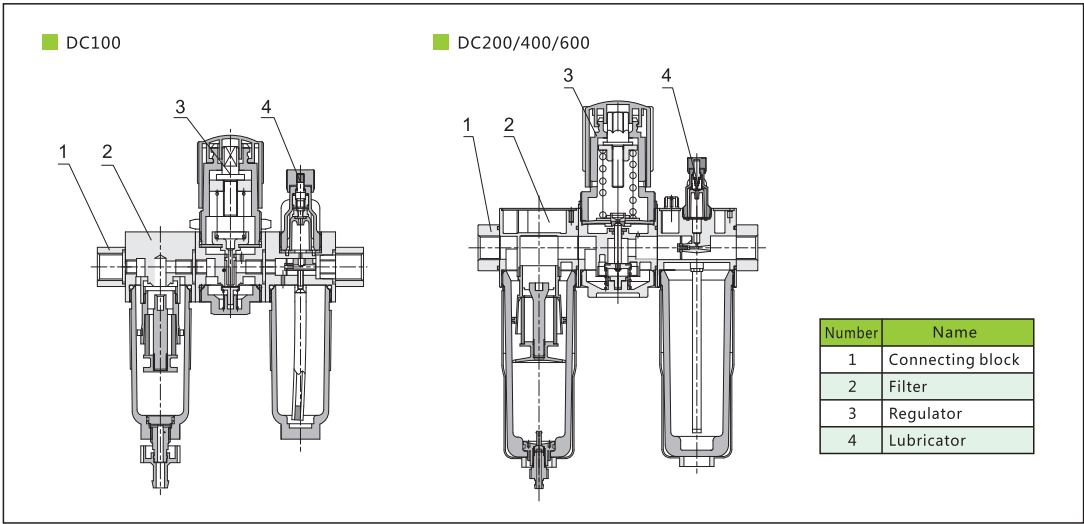
Product feature:

- 1.Oil dripping adopts the clearance seal to stabilize oil feeding.
- 2.Oil feeding is linear distribution and the quantity of oil is visible.
- 3.It can keep refueling without stops.
- 4.Fixed connection is fast reliable and easy for installation and using. Pressure adjust is stable and with high repeat precision.
- 5.High efficiency of removing water and solid particle.
- 6.Manual, differential pressure and automatic drain ways are optional.

How to order:

DC 200 01 D			
Specification	Series	Port size	Drainage Method
DC: Filter+Regulator+Lubricator	100 Series 200 Series 400 Series 600 Series	M5_01: G1/8" 02: G1/4" 03: G3/8" 04: G1/2" 06: G3/4" 08: G1"	Blank: Manual drain D: Auto-drain

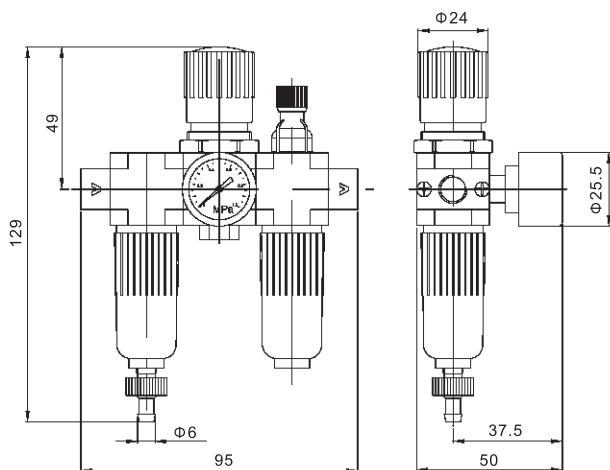
Inner structure drawing:



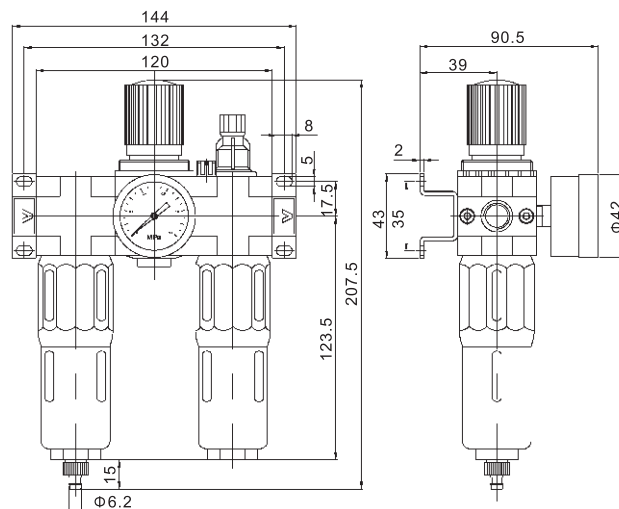
Filter+Regulator+Lubricator

■ Dimension(mm):

■ DC100-M5、01

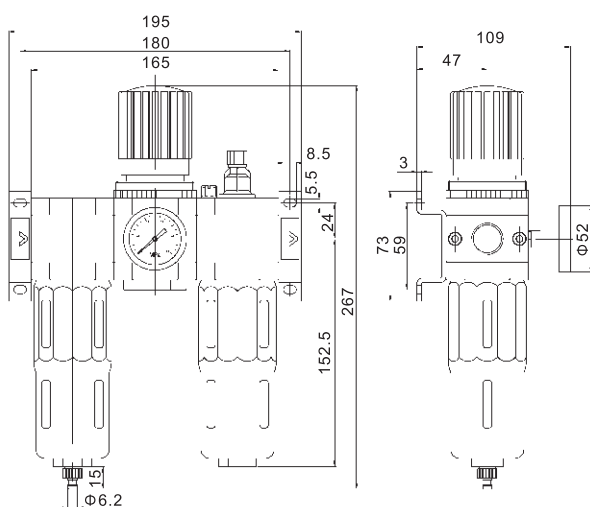


■ DC200-01、02、03

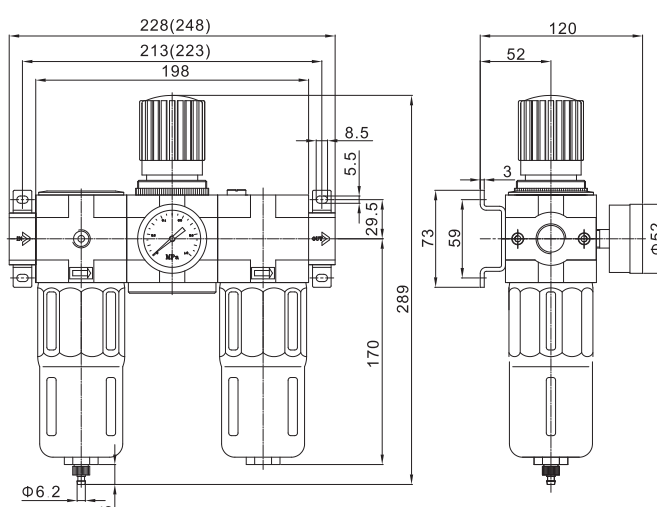


Note: The interface of M5 is without connecting block.

■ DC400-03、04、06



■ DC600-06、08



Filter Regulator+Lubricator

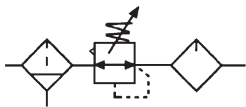


Specification:

Type	DC101-M5, 01	DC201-01, 02, 03	DC401-03, 04, 06	DC601-06, 08
Port size(G)	M5 · 1/8"	1/8" · 1/4" · 3/8"	3/8" · 1/2" · 3/4"	3/4" · 1"
Gauge thread(G)	M5	1/8"	1/4"	
Fluid	Compressed air			
Operating pressure range(MPa)	0.15~0.85	0.15~1.2		
Max.Flow rate(L/min)	500	1700	3500	11500
Ambient temperature(°C)	-10~60			
Filter precision	5µm or 40µm			
Cup material	Polycarbonate			
Guard cup	-	●	●	●



Symbol:



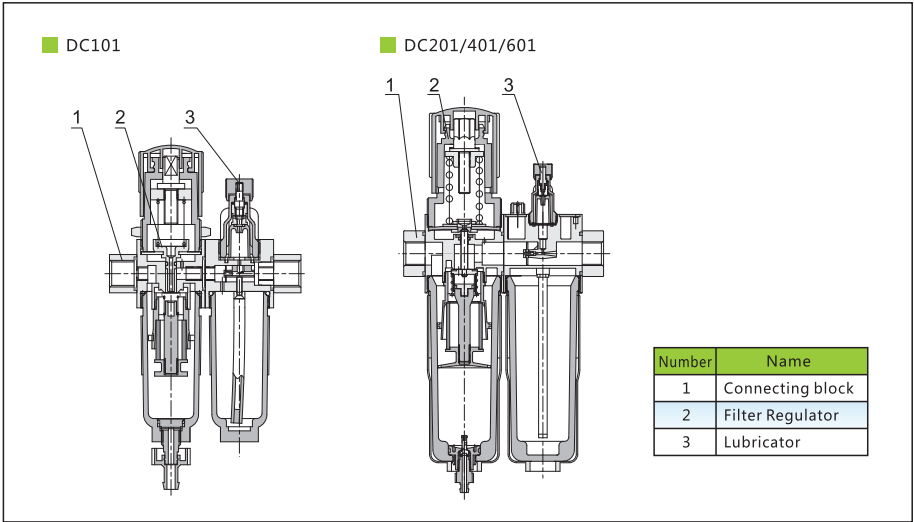
Product feature:

- 1.Oil dripping adopts the clearance seal to stabilize oil feeding.
- 2.Oil feeding is linear distribution and the quantity of oil is visible.
- 3.It can keep refueling without stops.
- 4.Fixed connection is fast reliable and easy for installation and using. Pressure adjust is stable and with high repeat precision.
- 5.High efficiency of removing water and solid particle.
- 6.Manual, differential pressure and automatic drain ways are optional.

How to order:

DC 201 01 D			
Specification	Series	Port size	Drainage Method
DC: Filter Regulator+Lubricator	101 Series 201 Series 401 Series 601 Series	M5_ 01: G1/8" 02: G1/4" 03:G3/8" 04:G1/2" 06:G3/4" 08:G1"	Blank: Manual drain D:Auto-drain

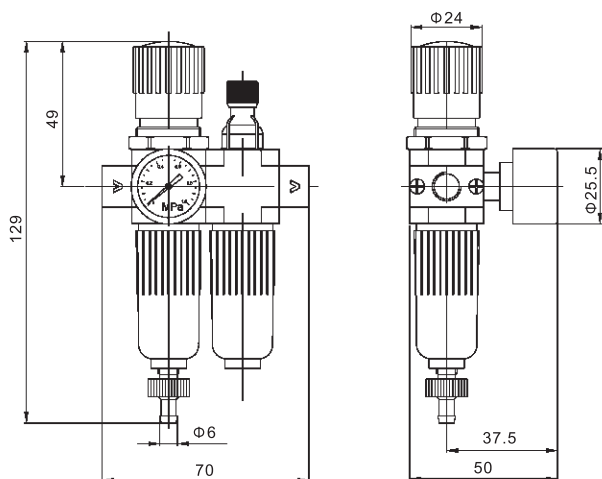
Inner structure drawing:



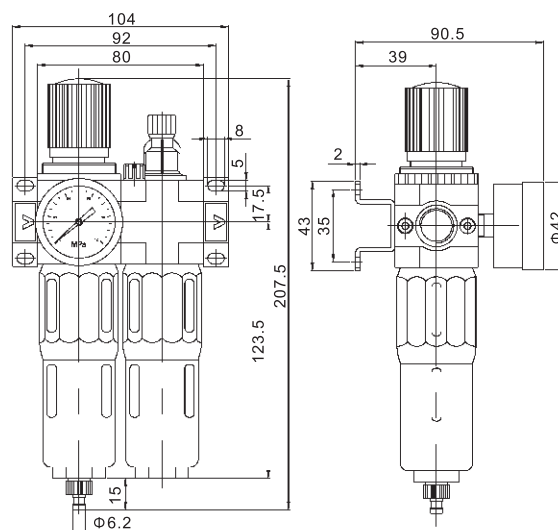
Filter Regulator+Lubricator

■ Dimension(mm):

■ DC101-M5、01

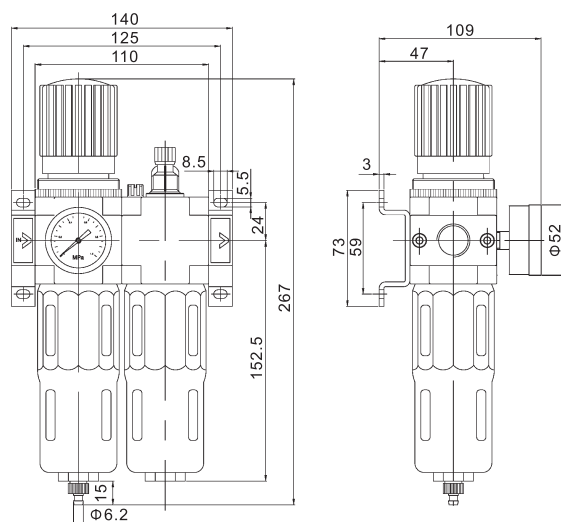


■ DC201-01、02、03

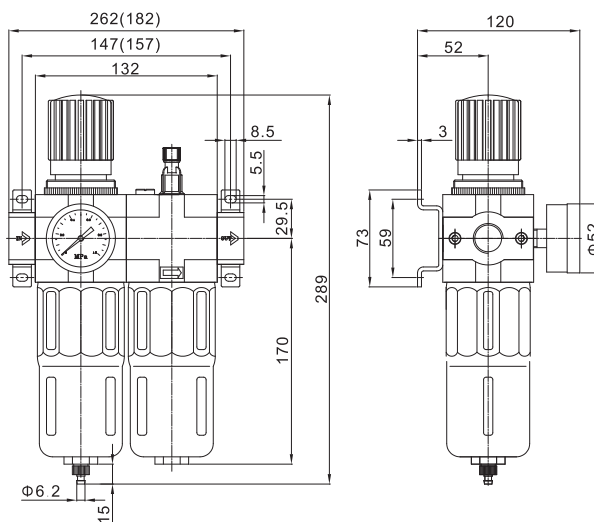


Note: The interface of M5 is without connecting block.

■ DC401-03、04、06



■ DC601-06、08



Filter Regulator



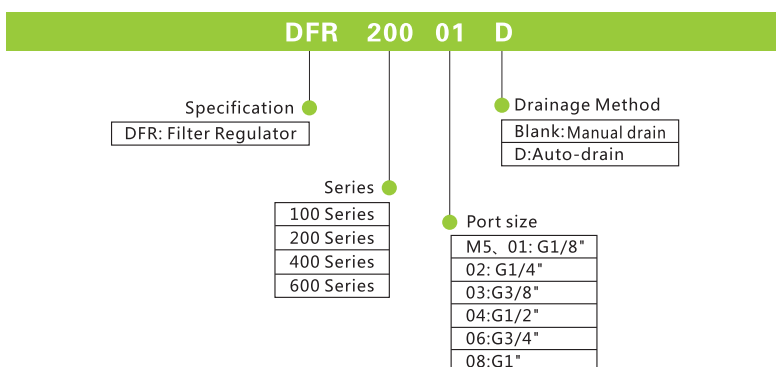
Specification:

Type	DFR100-M5, 01	DFR200-01, 02, 03	DFR400-03, 04, 06	DFR600-06, 08
Port size(G)	M5・1/8"	1/8"・1/4"・3/8"	3/8"・1/2"・3/4"	3/4"・1"
Gauge thread(G)	M5	1/8"	1/4"	
Fluid	Compressed air			
Operating pressure range(MPa)	0.15~0.7	0.15~1.2		
Max.Flow rate(L/min)	500	1700	3500	11500
Ambient temperature(°C)	-10~60			
Filter precision	5μm or 40μm			
Cup material	Polycarbonate			
Guard cup	-	●	●	●

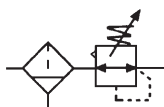


DFR

How to order:



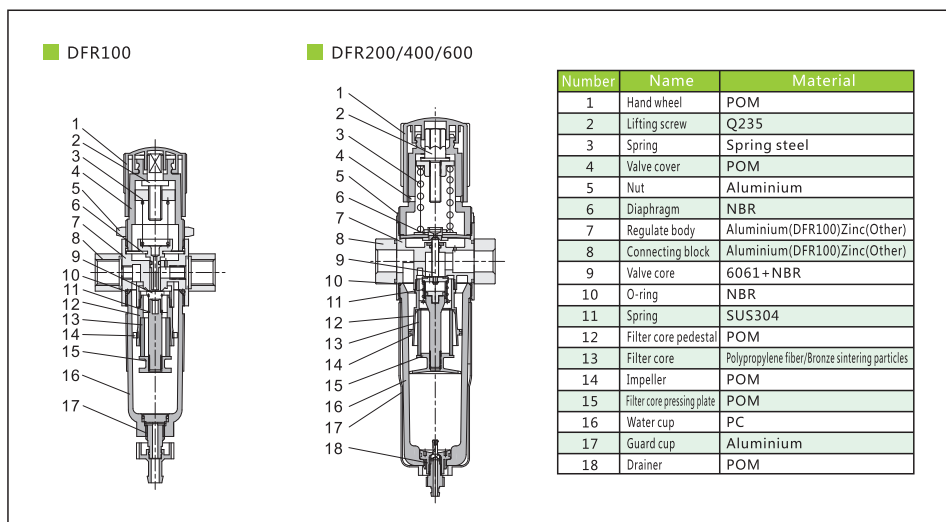
Symbol:



Product feature:

1. Hand wheel adopts the pressed self-locking mechanism to prevent the setting pressure from external disturbance and unusual action.
2. Pressure adjustment mechanism adopts the balance design with more stable adjustment and better characteristic.
3. Special guide structure makes the flowing gases spin properly to separate the water from gas and filter solid particle efficiently.
4. Filter precision 5 or 40 μm is optional.
5. Manual, differential pressure and automatic drain ways are optional.

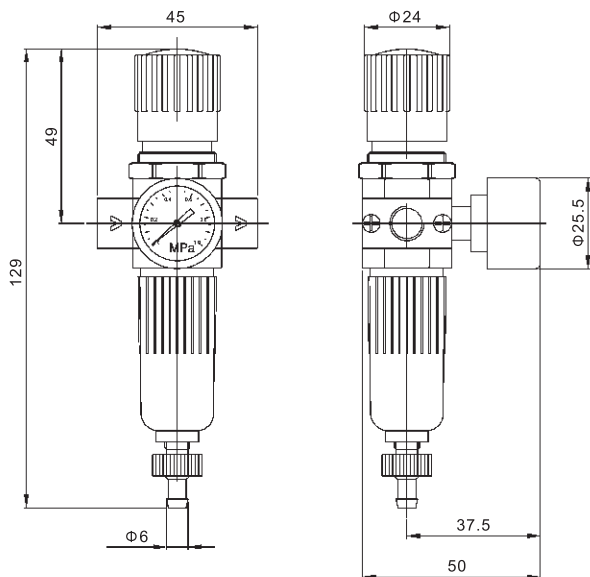
Inner structure drawing:



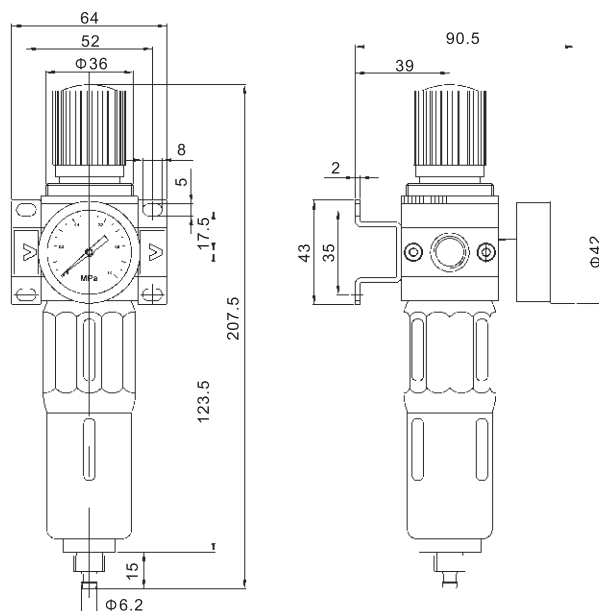
Filter Regulator

■ Dimension(mm):

■ DFR100-M5、01

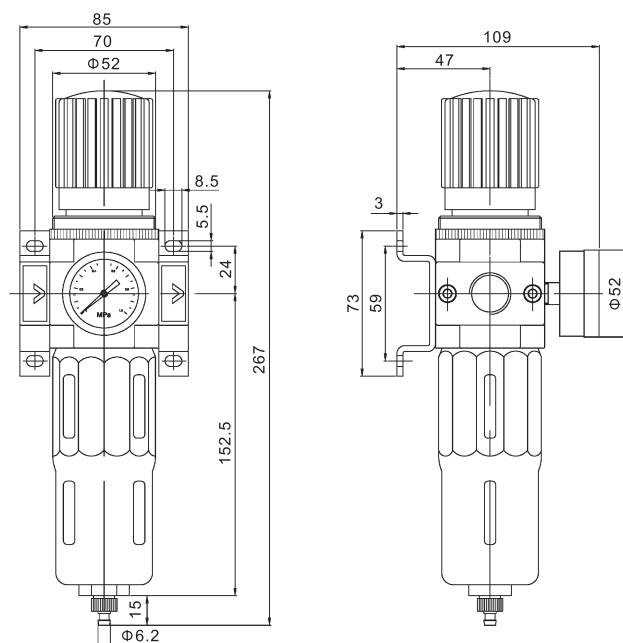


■ DFR200-01、02、03

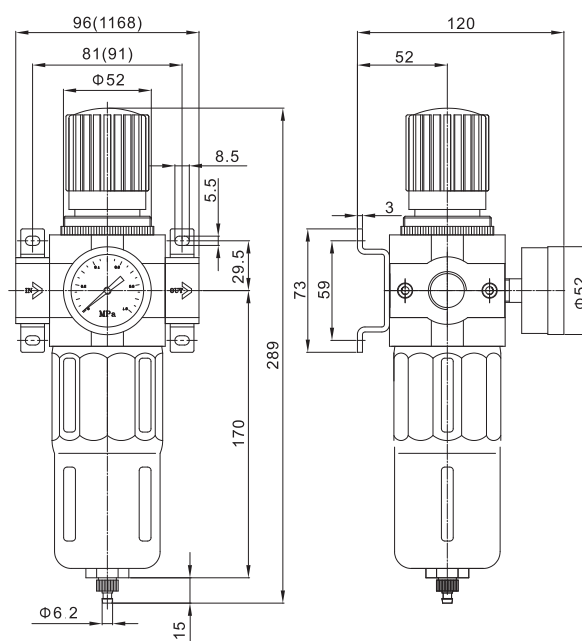


Note: The interface of M5 is without connecting block.

■ DFR400-03、04、06



■ DFR600-06、08



Filter

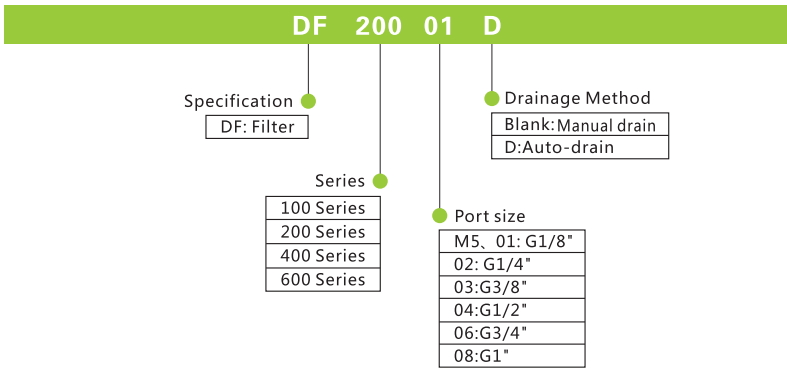


Specification:

Type	DF100-M5、01	DF200-01、02、03	DF400-03、04、06	DF600-06、08
Port size(G)	M5·1/8"	1/8"·1/4"·3/8"	3/8"·1/2"·3/4"	3/4"·1"
Fluid	Compressed air			
Operating pressure range(MPa)	0.15~0.7	0.15~1.2		
Max.Flow rate(L/min)	500	2000	4000	11500
Ambient temperature(°C)	-10~60			
Filter precision	5µm or 40µm			
Cup material	Polycarbonate			
Guard cup	-	•	•	•



How to order:



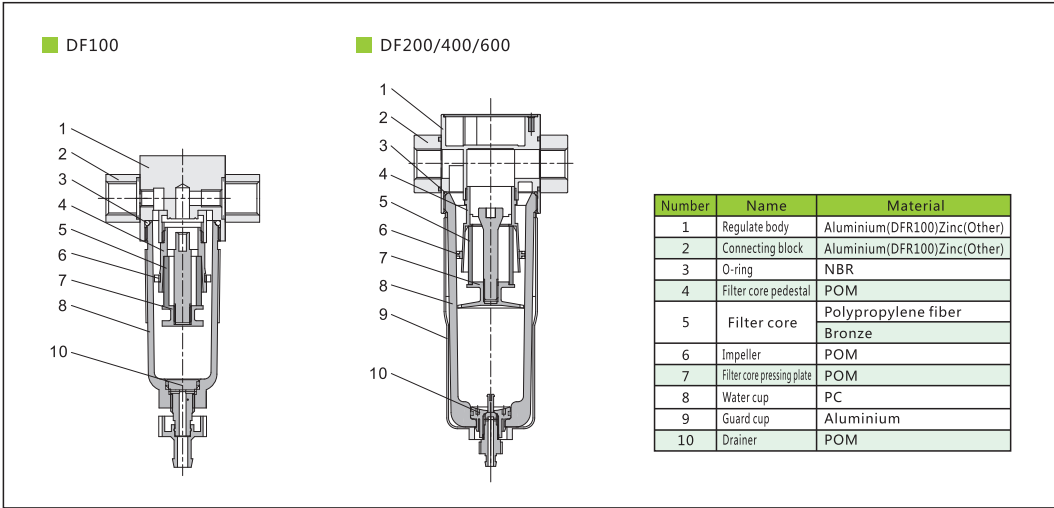
Symbol:



Product feature:

- 1.Special guide structure makes the flowing gases spin properly to separate the water from gas and filter solid particle efficiently.
- 2.Low pressure loss and high division efficiency.
- 3.Filter precision 5 or 40 µm is optional.
- 4.Manual, differential pressure and automatic drain ways are optional.

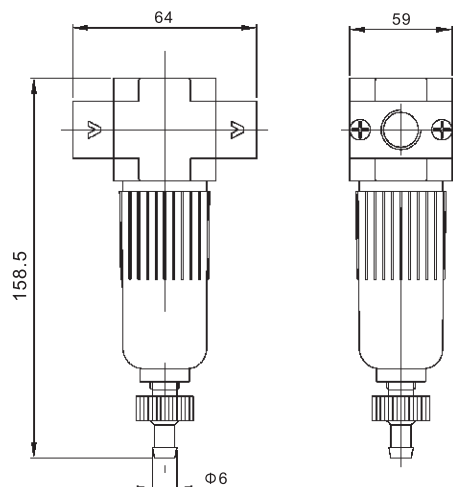
Inner structure drawing:



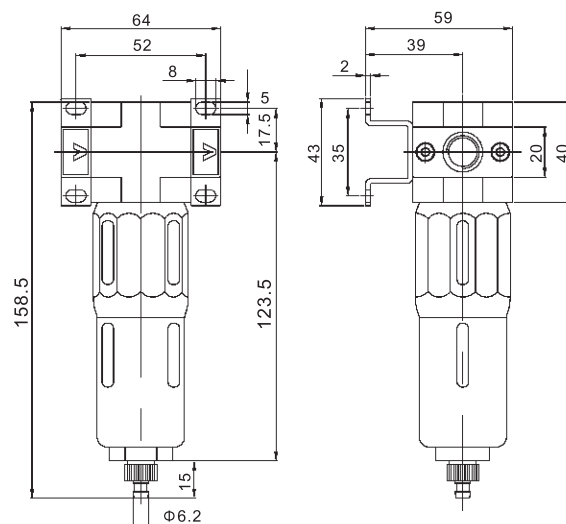
Filter

■ Dimension(mm):

■ DF100-M5、01

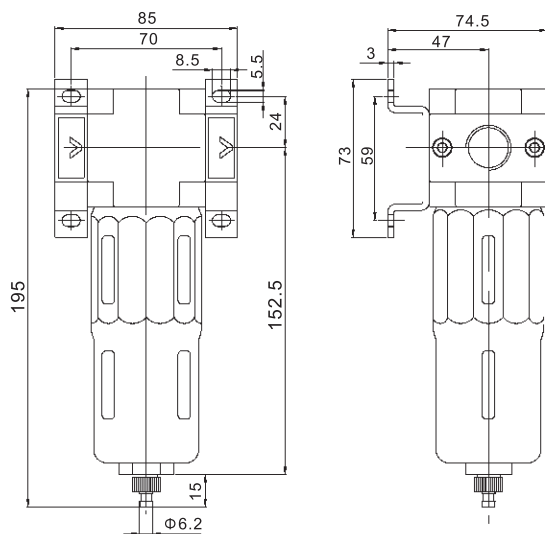


■ DF200-01、02、03

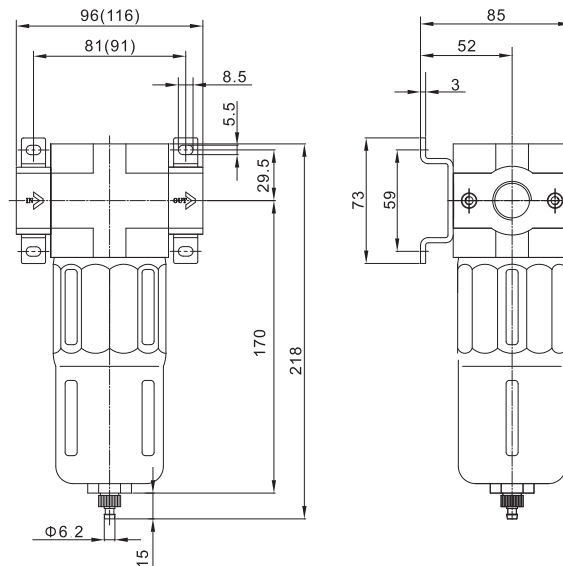


Note: The interface of M5 is without connecting block.

■ DF400-03、04、06



■ DF600-06、08



Regulator

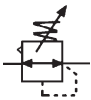
Specification:

Type	DR100-M5, 01	DR200-01, 02, 03	DR400-03, 04, 06	DR600-06, 08
Port size(G)	M5 · 1/8"	1/8" · 1/4" · 3/8"	3/8" · 1/2" · 3/4"	3/4" · 1"
Gauge thread(G)	M5	1/8"	1/4"	
Fluid	Compressed air			
Operating pressure range(MPa)	0.15~0.7	0.15~1.2		
Max.Flow rate(L/min)	500	1700	3500	11500
Ambient temperature(°C)	-10~60			

How to order:

DR 200 01			
Specification	DR: Regulator	Series	Port size
			M5, 01: G1/8"
Series	100 Series	200 Series	02: G1/4"
			03: G3/8"
			04: G1/2"
			06: G3/4"
			08: G1"

Symbol:



Product feature:

- 1.Hand wheel adopts the pressed self-locking mechanism to prevent the setting pressure from external disturbance and unusual action.
- 2.Pressure adjustment mechanism adopts the balance design with more stable adjustment and better characteristic.
- 3.Besides panel-mounting, fixed bracket installation is optional.

Inner structure drawing:

DR100

1
2
3
4
5
6
7
8
9
10
11
12

DR200/400/600

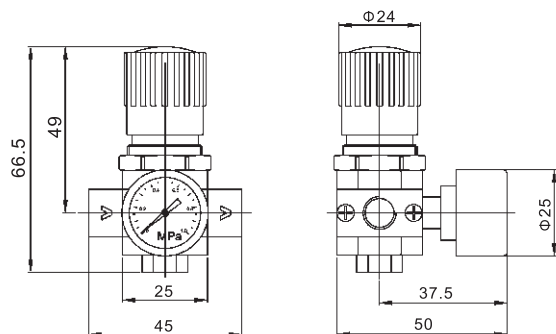
1
2
3
4
5
6
7
8
9
10
11
12

Number	Name	Material
1	Hand wheel	POM
2	Lifting screw	Brass
3	Spring	Spring steel
4	Valve cover	POM
5	Nut	Aluminium
6	Diaphragm	NBR
7	Regulate body	Aluminium
8	Connecting block	Aluminium
9	O-ring	NBR
10	Valve core	Aluminium+NBR
11	Spring	Stainless steel
12	Bottom cover	POM

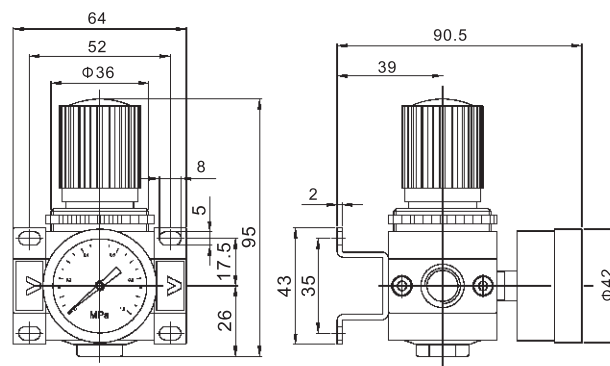
Regulator

■ Dimension(mm):

■ DR100-M5、01

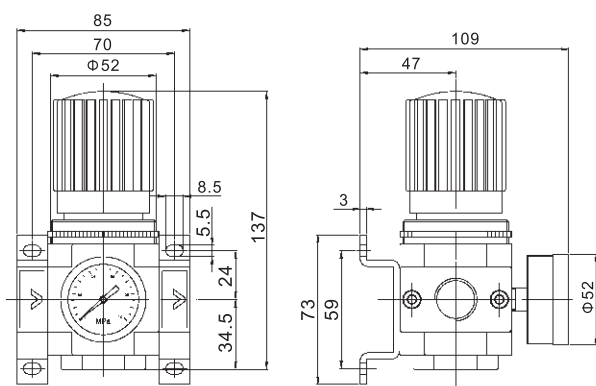


■ DR200-01、02、03

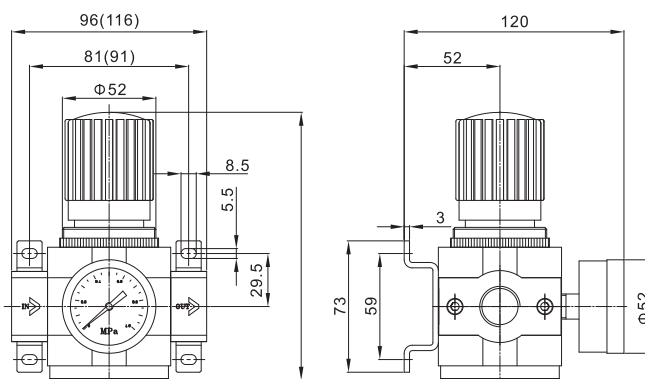


Note: The interface of M5 is without connecting block.

■ DR400-03、04、06



■ DR600-06、08



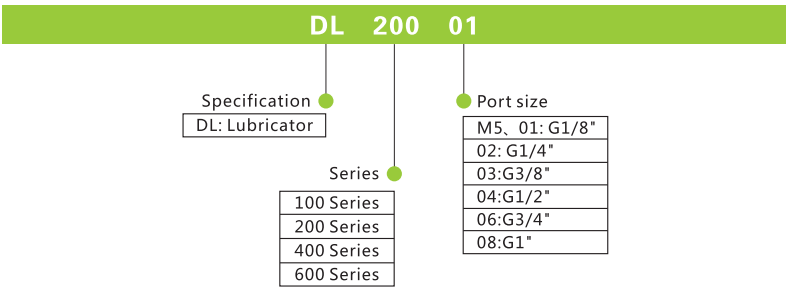
Lubricator



Specification:

Type	DL100-M5, 01	DL200-01, 02, 03	DL400-03, 04, 06	DL600-06, 08
Port size(G)	M5 · 1/8"	1/8" · 1/4" · 3/8"	3/8" · 1/2" · 3/4"	3/4" · 1"
Fluid	Compressed air			
Operating pressure range(MPa)	0.15~0.7	0.15~1.2		
Max.Flow rate(L/min)	500	2000	4000	11500
Ambient temperature(°C)	-10~60			
Cup material	Polycarbonate			
Guard cup	-	•	•	•

How to order:



Symbol:



Product feature:

- 1.Oil dripping adopts the clearance seal to stabilize oil feeding.
- 2.Oil feeding is linear distribution and the quantity of oil is visible.
- 3.Special oil dripping structure leads to negative pressure at the exit of oil dripping and low fog flow.
- 4.It can keep refueling without stops.
- 5.Fixed bracket installation is optional.

Inner structure drawing:

DL100

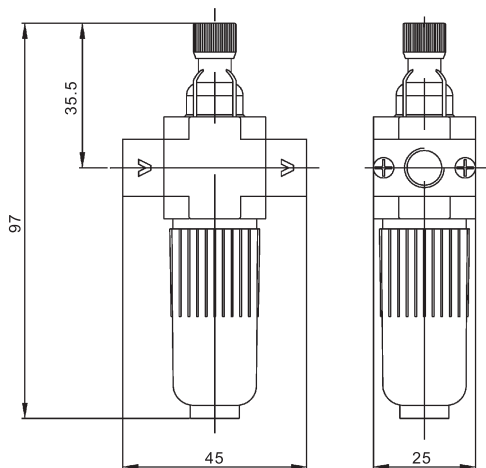
DL200/400/600

Number	Name	Material
1	Oil window	PC
2	Valve body	Aluminium
3	Connecting block	Aluminium
4	Damping fin	NBR
5	O-ring	NBR
6	Oil cup	PC
7	Guard cup	POM
8	Oil tube	PVC

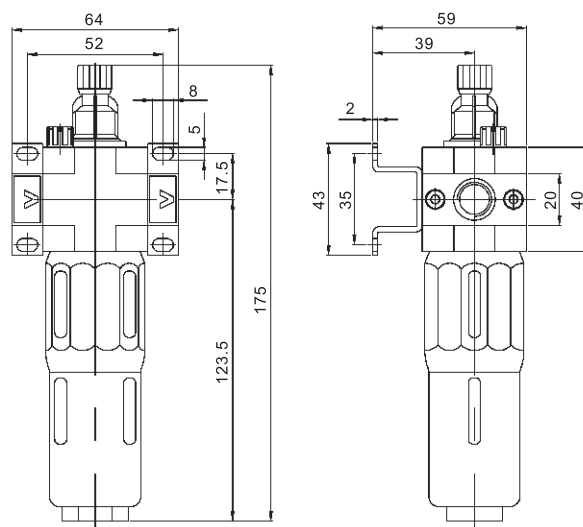
Lubricator

Dimension(mm):

DL100-M5、01

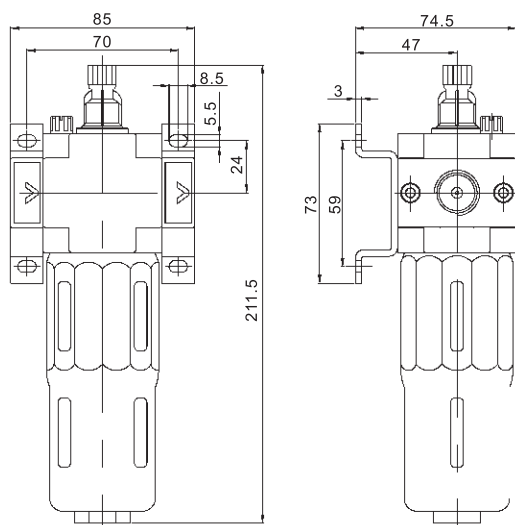


DL200-01、02、03

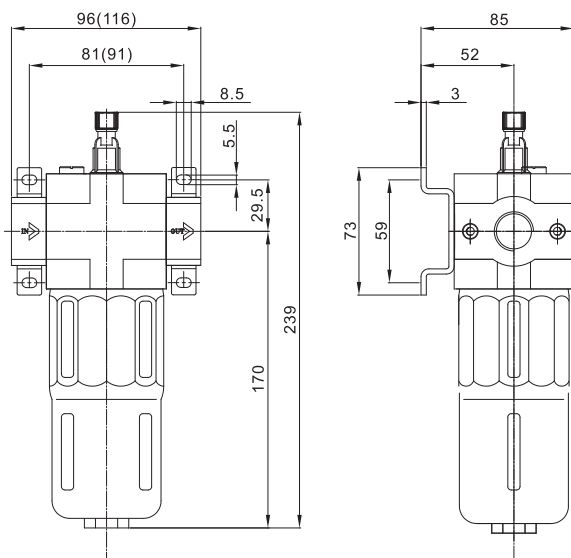


Note: The interface of M5 is without connecting block.

DL400-03、04、06



DL600-06、08



Regulator combination



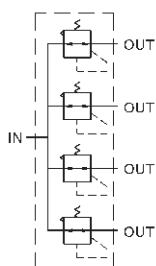
Specification:

Type	DRB200-01, 02, 03	DRB200-03, 04, 06
Port size	1/8" · 1/4" · 3/8"	3/8" · 1/2" · 3/4"
Fluid	Compressed air	
Operating pressure range(MPa)	0.15~1.2	
Ambient temperature(°C)	-10~60	
Max.Flow rate(L/min)	1700	3500

How to order:

DRB 200 01 K2			
Specification DRB: Regulator combination		Series 200 Series 400 Series	Number of combinations K2: 2 K3: 3 K4: 4 K5: 5
		Port size 01: G1/8" 02: G1/4" 03: G3/8" 04: G1/2" 06: G3/4"	

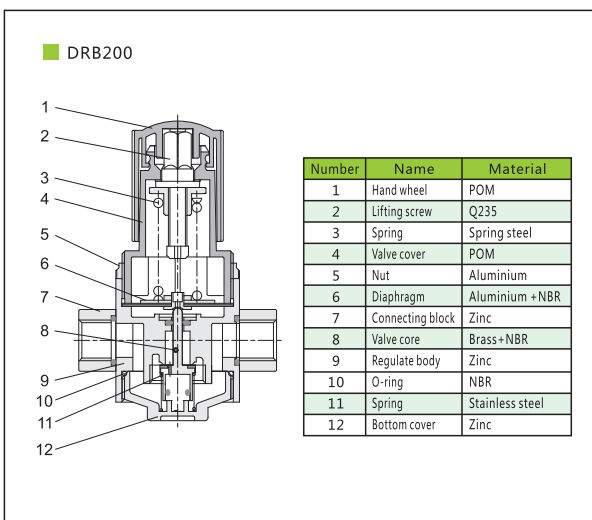
Symbol:



Product feature:

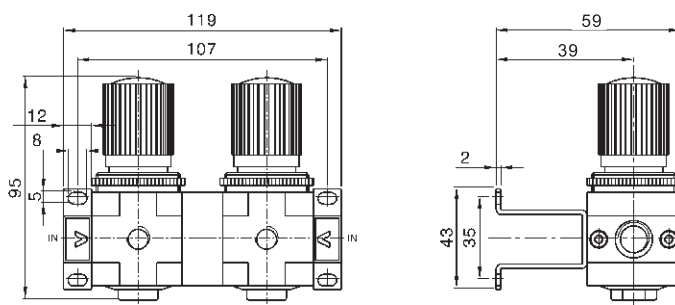
1. The regulator for an integrated installation, can provide a variety of different pressure gas source, the front and rear sides of each one has an output connection.

Inner structure drawing:

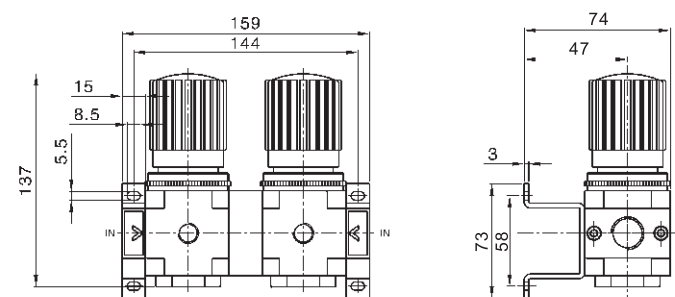


Dimension(mm):

DRB200



DRB400

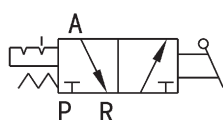


Safe on –off Valve



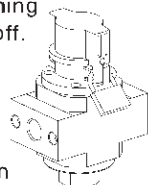
DZ

Symbol:

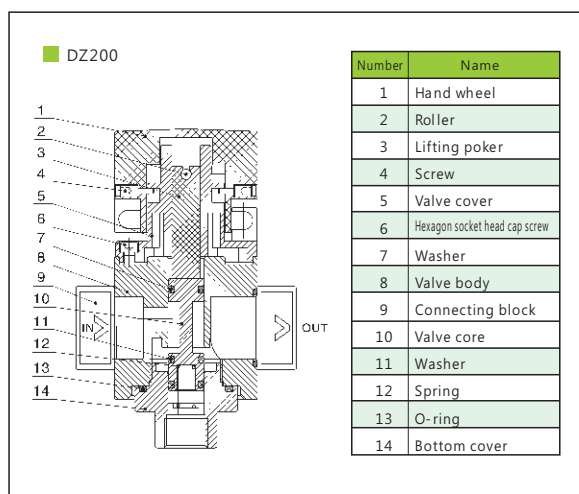


Product feature:

- 1.It is module design and can be used with D series F.R.L.
- 2.This valve can be used as manual 3/2 way valve.
- 3.This valve meets the standard on installation conducted by operator specified by OSHA(Occupational Safety & Health Administration). When the machinery is maintained and serviced, the purge valve(Safe on–off valve) for remaining pressure shall be used to eliminate the remaining pressure when the air source is cut off. Valve must be locked to prevent accidental operation by a third party during maintenance. This prevents accidental system pressurization & cylinder actuation which can result in injuries to the machine operator.



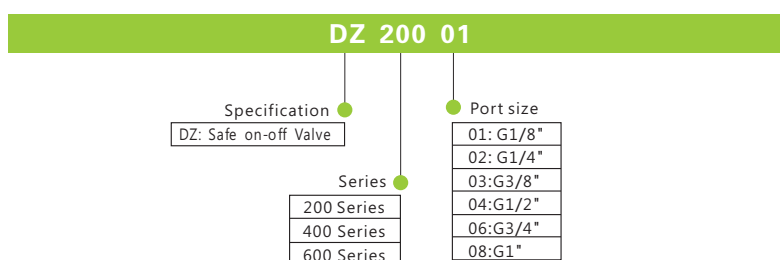
Inner structure drawing:



Specification:

Type	DZ200-01, 02, 03	DZ400-03, 04, 06	DZ600-06, 08
Port size(G)	1/8" · 1/4" · 3/8"	3/8" · 1/2" · 3/4"	3/4" · 1"
Fluid	Compressed air		
Operating pressure range(MPa)	0.15~1.2		
Ambient temperature(°C)	-5~60		
Acting type	Manual		
Position number	2 Way 3 Positon		
Operation angle	90°		
Exhaust port size	1/8"	3/8"	1/2"
Suitable F.R.L type	DC200-01, 02, 03	DC400-03, 04, 06	DC600-06, 08

How to order:



Dimension(mm):

Type	DZ200			DZ400			DZ600	
Symbol	01	02	03	03	04	06	06	08
A	1/8"	1/4"	3/8"	3/8"	1/2"	3/4"	3/4"	1"
B	64			85			106	
C	106			127			-	
D	59			74.5			77.5	
E	52			70			86	
F	40			55			66	
G	17.5			24			27.5	
H	8			8.5			11.5	
I	5			5.5			5.5	
J	43			73.5			66.5	
K	35			58			55	
L	2			3			3	
M	39			47			44.5	
N	38.5			51			-	
O	1/8"			3/8"			3/4"	

Gas-distribution Block



Specification:

Type	DG200-01, 02, 03	DG400-03, 04, 06	DG600-06, 08
Port size(G)	1/8" · 1/4" · 3/8"	3/8" · 1/2" · 3/4"	3/4" · 1"
Way number	Four		
Operating pressure range(MPa)	0~1.2		
Ambient temperature(°C)	-10~60		

How to order:

DG 200 01		
Specification	DG: Gas-distribution Block	Port size
Series	200 Series	01: G1/8"
		02: G1/4"
		03: G3/8"
		04: G1/2"
400 Series	400 Series	06: G3/4"
		08: G1"
600 Series	600 Series	

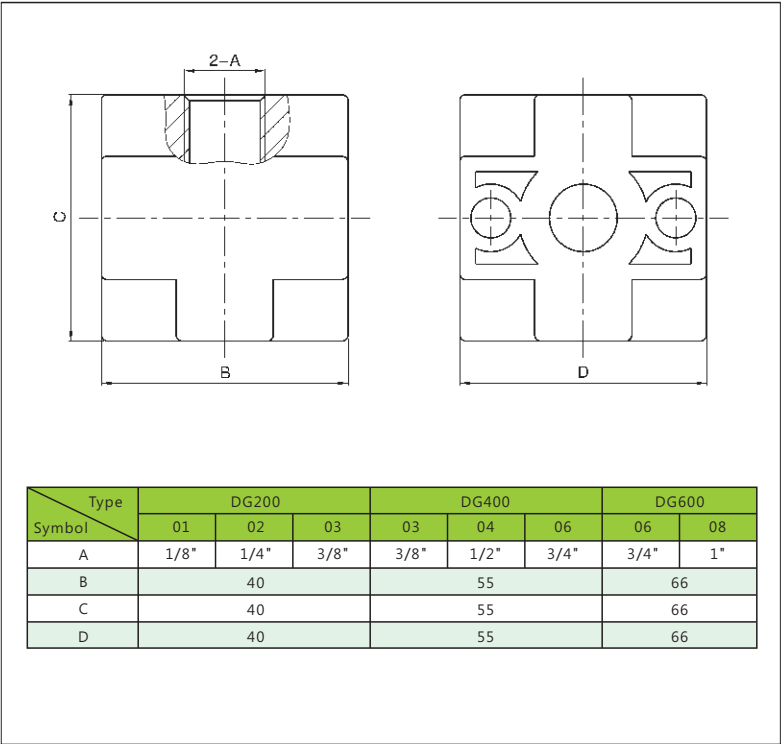


DG

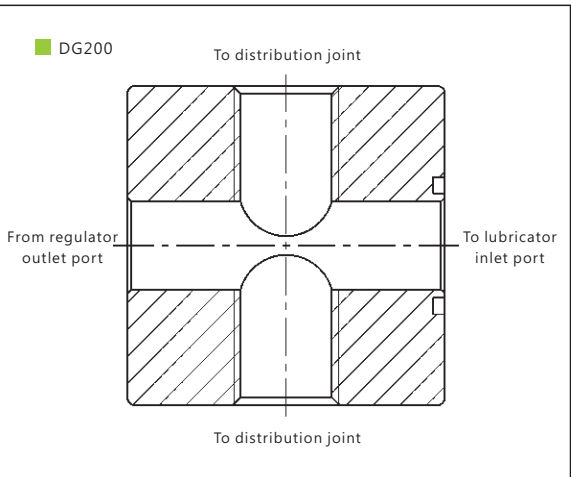
Product feature:

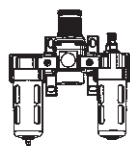
1. It is installed between DC series regulator(or filter & regulator)and lubricator. The air flow is divided by the device that one enters lubricator to supply oil for lubrication and the other(the second way)directly enters the equipment.

Dimension(mm):



Inner structure drawing:





AC Filter+Regulator+Lubricator ----- Optional(M5,1/8",1/4",3/8",1/2",3/4",1") 024



AC Filter Regulator+Lubricator ----- Optional(M5,1/8",1/4",3/8",1/2",3/4",1") 026

New AC



AW Filter Regulator ----- Optional(M5,1/8",1/4",3/8",1/2",3/4",1") 028



AF Filter ----- Optional(M5,1/8",1/4",3/8",1/2",3/4",1") 030

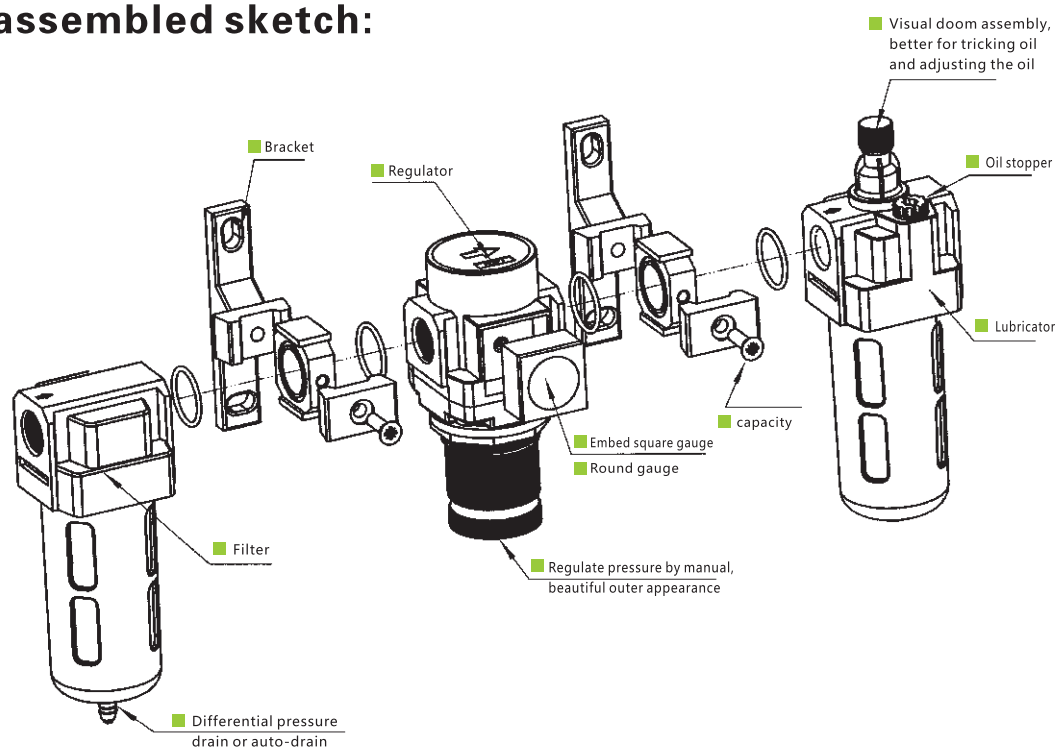


AR Relief Valve ----- Optional(M5,1/8",1/4",3/8",1/2",3/4",1") 032



AL Atomized Lubricator ----- Optional(M5,1/8",1/4",3/8",1/2",3/4",1") 034

F.R.L assembled sketch:



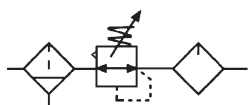
Filter+Regulator+Lubricator

Specification:

Type		AC200A-01, 02	AC300A-02, 03	AC400A-03, 04	AC500A-06, 08	AC600A-06, 08
Portsize(G)		1/8" · 1/4"	1/4" · 3/8"	3/8" · 1/2"	3/4" · 1"	3/4" · 1"
Gaugethread(G)		1/8"				
Fluid		Compressed air				
Operatingpressure(MPa)		0.15~0.85				
Max.Flowrate(L/min)		1000	2000	3500	5000	
Ambient temperature(°C)		-10~60				
Filterprecision		5µm or 40µm				
Oilrecommended		ISO VG32				
Cupmaterial		Polycarbonate				
Structure		Overflow type				
Optional	Guard cup	-	●	●	●	●
	Bracket	20T	30T	40T	50T	50T

Note1 : The guard cup of AC200A series can be optional. Note2 : Metal cups are optional.

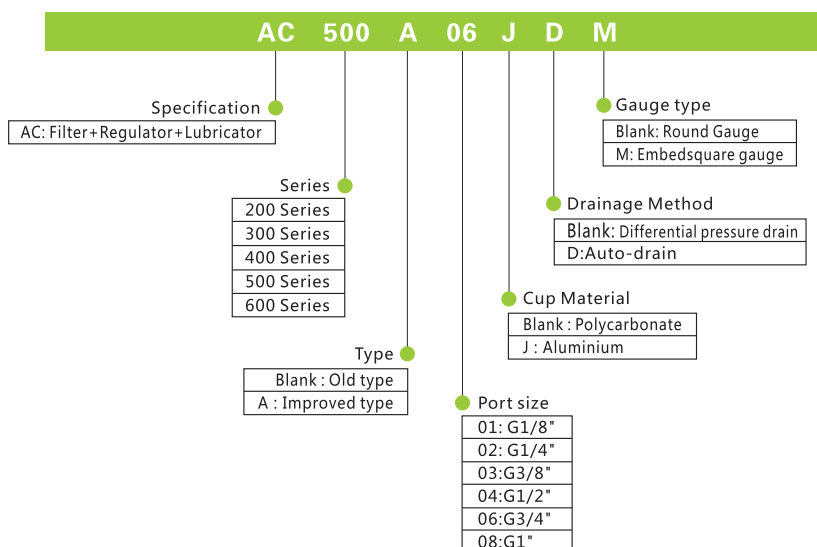
Symbol:



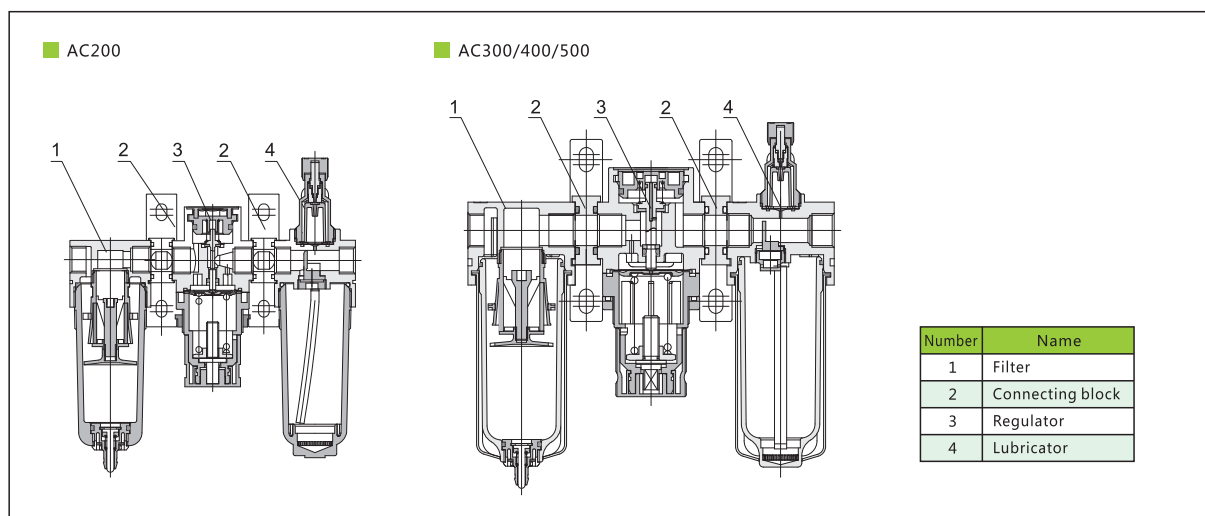
Product feature:

- 1.Oil dripping adopts the clearance seal to stabilize oil feeding.
- 2.Oil feeding is linear distribution and the quantity of oil is visible.
- 3.Fixed connection is fast reliable and easy for installation and using. Pressure adjust is stable and with high repeat precision.
- 4.High efficiency of removing water and solid particle.
- 5.Manual, differential pressure and automatic drain ways are optional.

How to order:



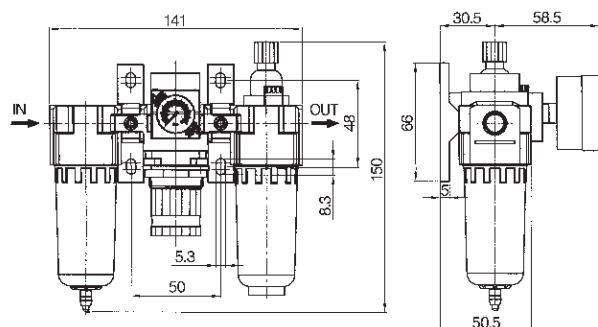
Inner structure drawing:



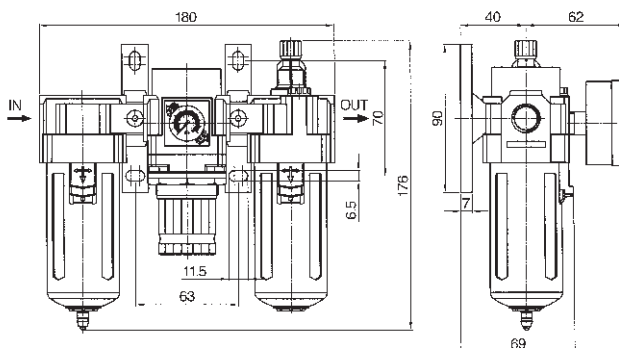
Filter+Regulator+Lubricator

■ Dimension(mm):

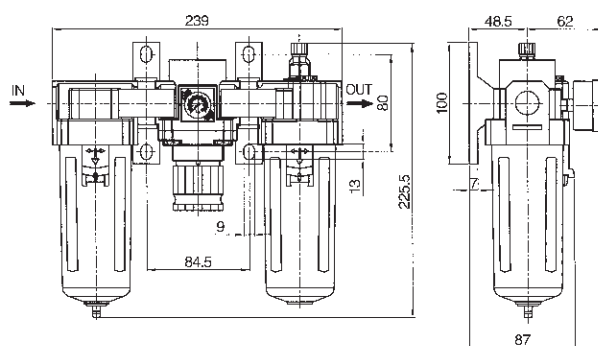
■ AC200A-01, 02



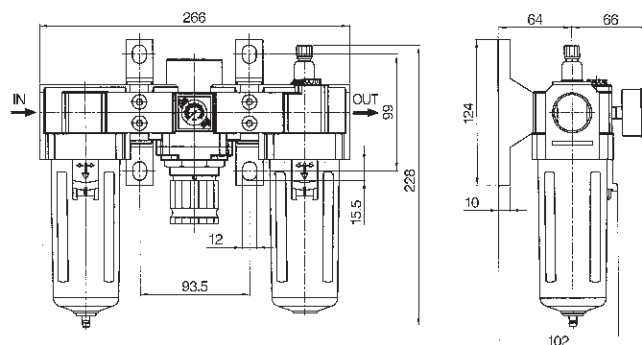
■ AC300A-02, 03



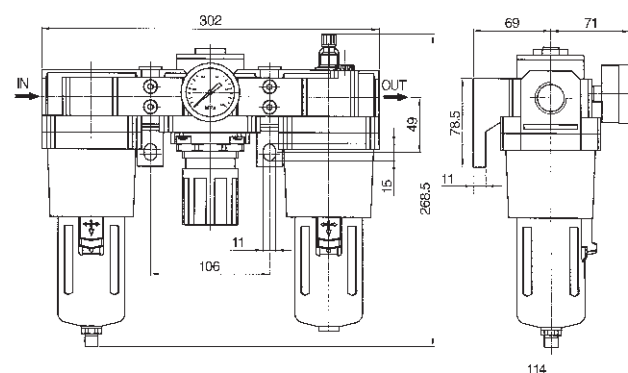
■ AC400A-03, 04



■ AC500A-06, 08



■ AC600A-06, 08



Filter Regulator+Lubricator

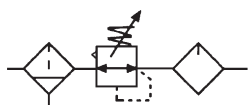


Specification:

Type		AC201A-01, 02	AC301A-02, 03	AC401A-03, 04	AC501A-06, 08	AC601A-06, 08
Port size(G)		1/8" · 1/4"	1/4" · 3/8"	3/8" · 1/2"	3/4" · 1"	3/4" · 1"
Gauge thread(G)		1/8"				
Fluid		Compressed air				
Operating pressure range(MPa)		0.15~0.85				
Max.Flowrate(L/min)		900	2000	3500	5000	
Ambient temperature(°C)		-10~60				
Filter precision		5μm or 40μm				
Oil recommended		ISO VG32				
Cup material		Polycarbonate				
Structure		Overflow type				
Optional	Guard cup	-	●	●	●	●
	Bracket	20T	30T	40T	50T	50T

Note1 : The guard cup of AC201A series can be optional. Note2 : Metal cups are optional.

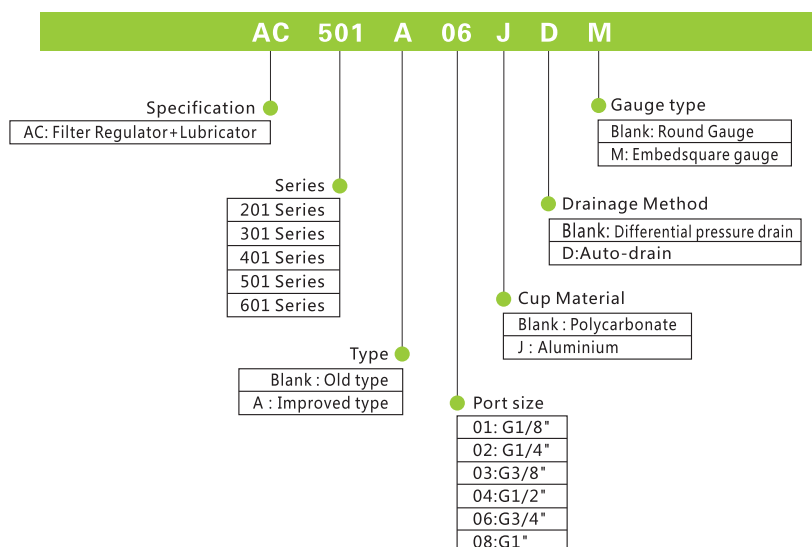
Symbol:



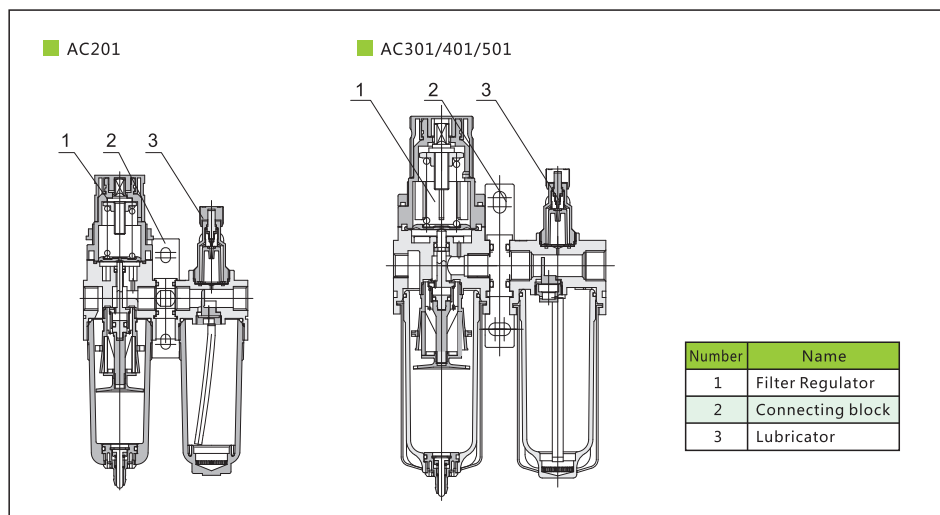
Product feature:

- 1.Oil dripping adopts the clearance seal to stabilize oil feeding.
- 2.Oil feeding is linear distribution and the quantity of oil is visible.
- 3.Fixed connection is fast reliable and easy for installation and using. Pressure adjust is stable and with high repeat precision.
- 4.High efficiency of removing water and solid particle.
- 5.Manual, differential pressure and automatic drain ways are optional.

How to order:



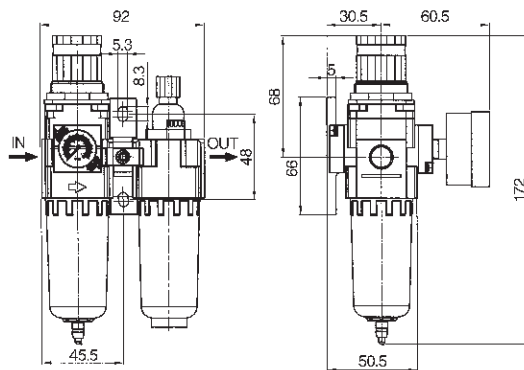
Inner structure drawing:



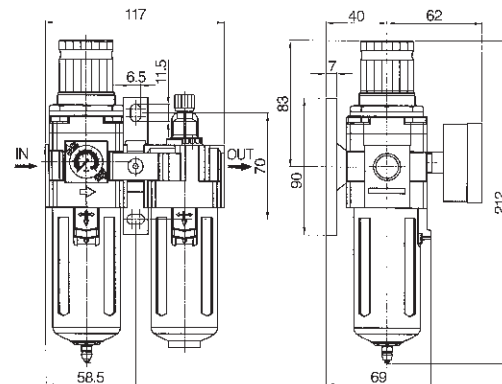
Filter Regulator+Lubricator

■ Dimension(mm):

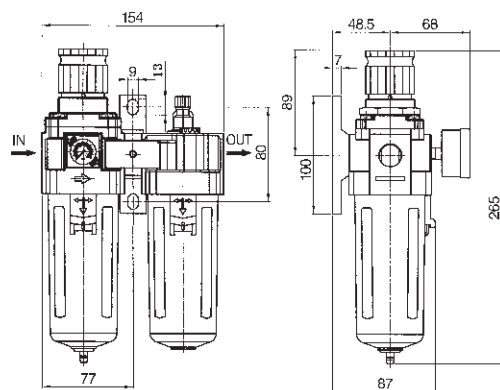
■ AC201A-01, 02



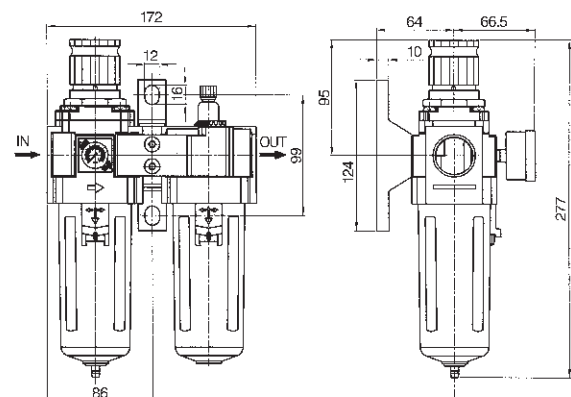
■ AC301A-02, 03



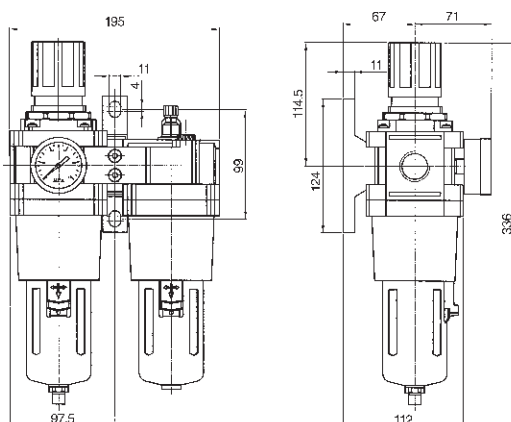
■ AC401A-03, 04



■ AC501A-06, 08



■ AC601A-06, 08



Filter Regulator



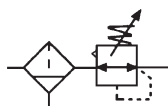
Specification:

Type	AW200A-01, 02	AW300A-02, 03	AW400A-03, 04	AW500A-06, 08	AW600A-06, 08
Port size(G)	1/8" · 1/4"	1/4" · 3/8"	3/8" · 1/2"	3/4" · 1"	3/4" · 1"
Gauge thread(G)	1/8"				
Fluid	Compressed air				
Operating pressure range(MPa)	0.15~0.85				
Max.Flowrate(L/min)	900	2000	3500	5000	
Ambient temperature(°C)	-10~60				
Filter precision	5μm or 40μm				
Cup material	Polycarbonate				
Guard cup	-	●	●	●	●

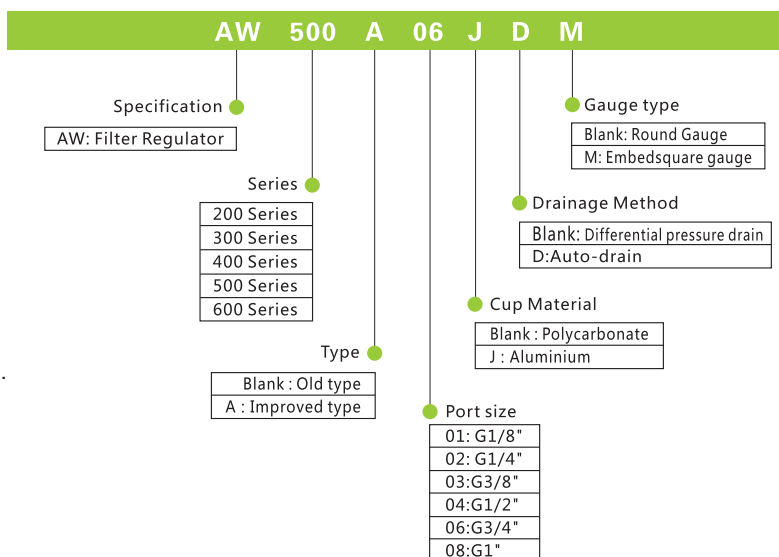
Note1 : The guard cup of AW200A series can be optional. Note2 : Metal cups are optional.



Symbol:



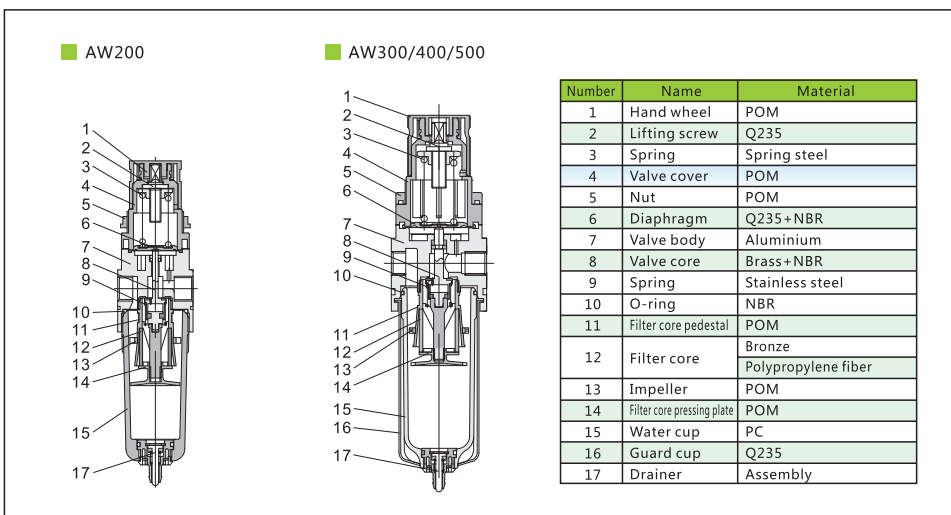
How to order:



Product feature:

- 1.Hand wheel adopts the pressed self-locking mechanism to prevent the setting pressure from external disturbance and unusual action.
- 2.Pressure adjustment mechanism adopts the balance design with more stable adjustment and better characteristic.
- 3.Special guide structure makes the flowing gases spin properly to separate the water from gas and filter solid particle efficiently.
- 4.Filter precision 5 or 40 μm is optional.
- 5.Manual, differential pressure and automatic drain ways are optional.

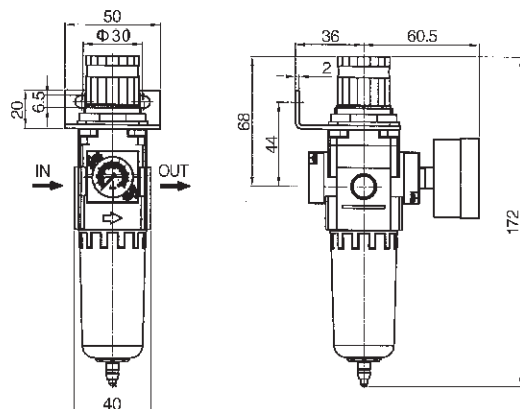
Inner structure drawing:



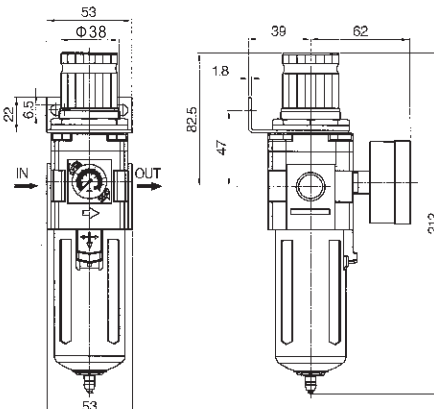
Filter Regulator

■ Dimension(mm):

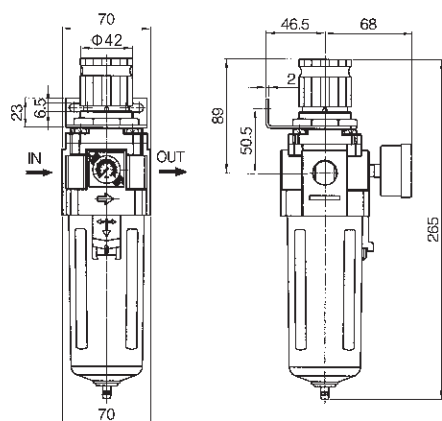
■ AW200A-01、02



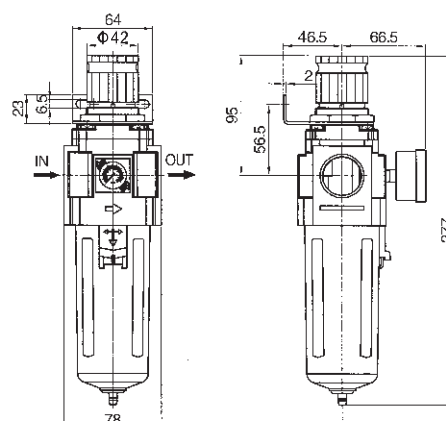
■ AW300A-02、03



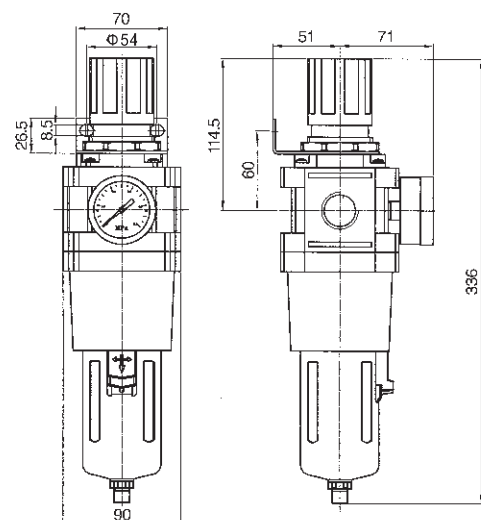
■ AW400A-03、04



■ AW500A-06、08



■ AW600A-06、08



AW

Filter



Specification:

Type	AF200A-01, 02	AF300A-02, 03	AF400A-03, 04	AF500A-06, 08	AF600A-06, 08
Port size(G)	1/8" · 1/4"	1/4" · 3/8"	3/8" · 1/2"	3/4" · 1"	3/4" · 1"
Fluid	Compressed air				
Operating pressure range(MPa)	0.15~0.85				
Max.Flowrate(L/min)	1200	2000	3500	5000	
Ambient temperature(°C)	-10~60				
Filter precision	5μm or 40μm				
Cup material	Polycarbonate				
Guard cup	-	●	●	●	●

Note1 : The guard cup of AF200A series can be optional. Note2 : Metal cups are optional.

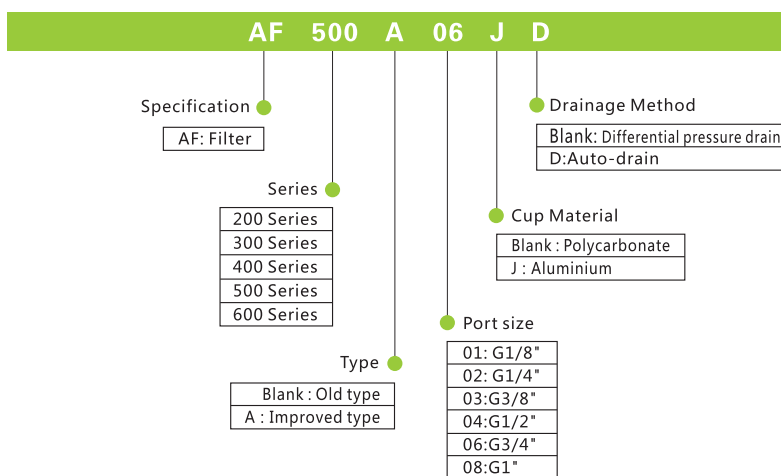
Symbol:



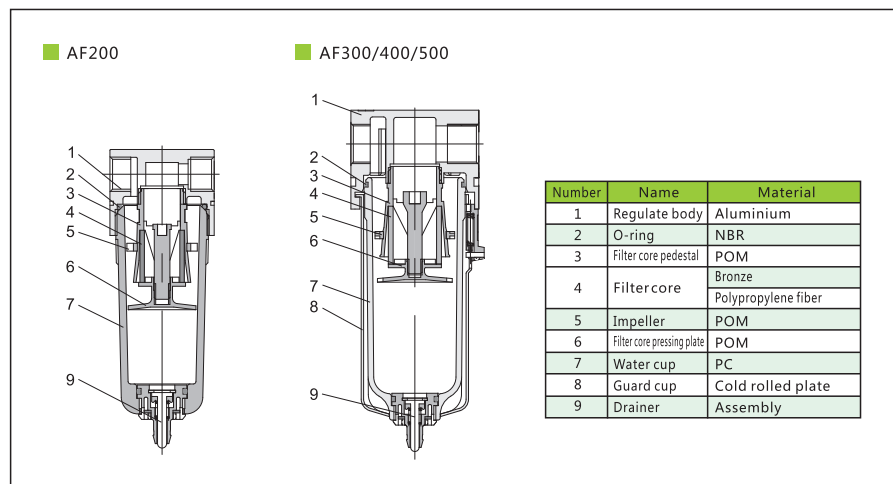
Product feature:

- 1.Special guide structure makes the flowing gases spin properly to separate the water from gas and filter solid particle efficiently.
- 2.Low pressure loss and high division efficiency.
- 3.Filter precision 5 or 40 μ m is optional.
- 4.Manual, differential pressure and automatic drain ways are optional.

How to order:



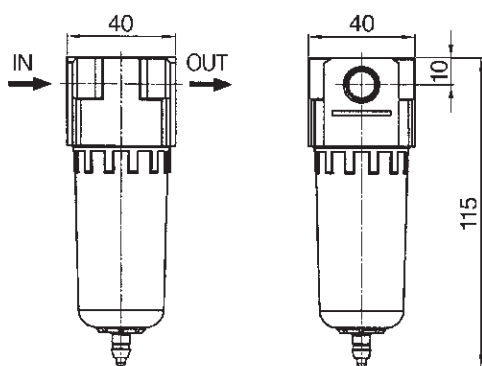
Inner structure drawing:



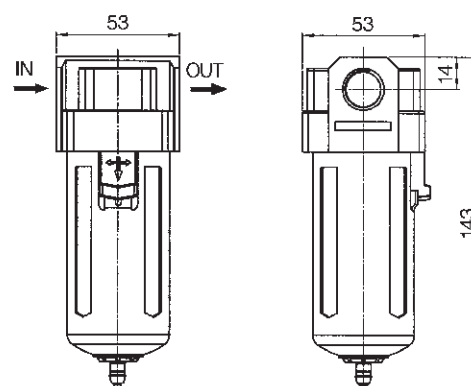
Filter

■ Dimension(mm):

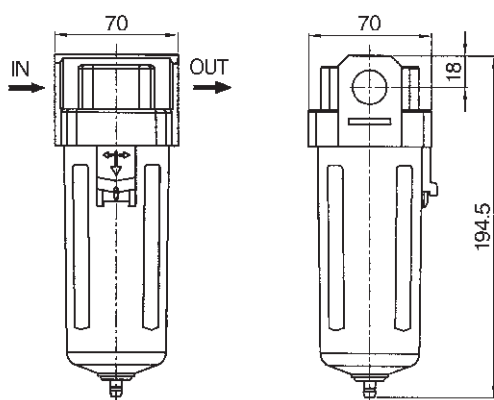
■ AF200A-01、02



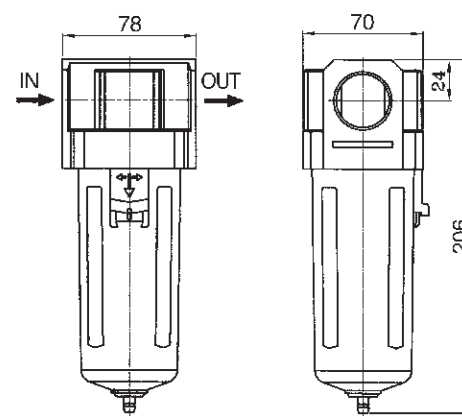
■ AF300A-02、03



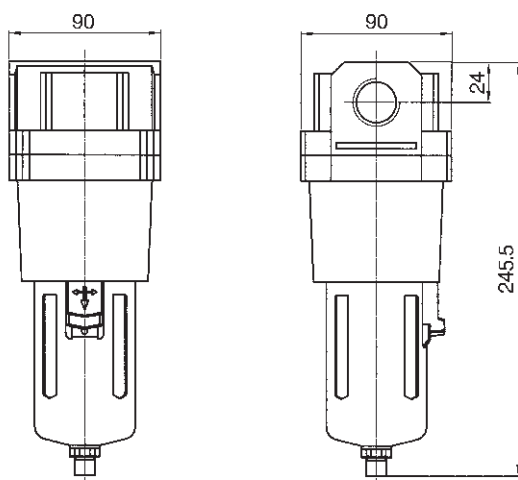
■ AF400A-03、04



■ AF500A-06、08



■ AF600A-06、08



AF

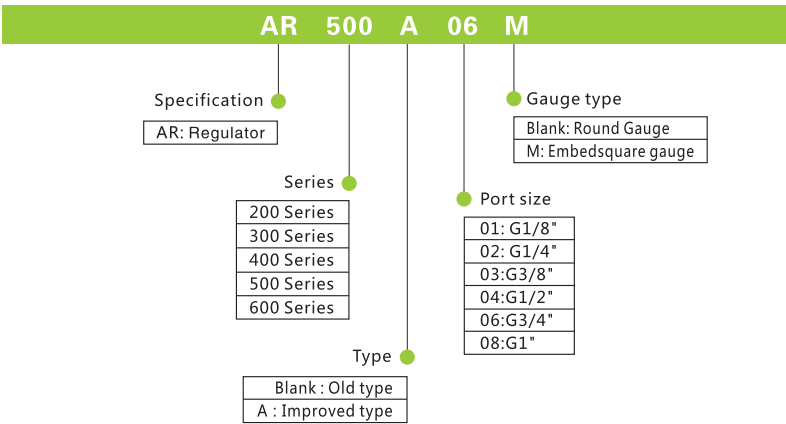
Regulator



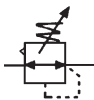
Specification:

Type	AR200A-01, 02	AR300A-02, 03	AR400A-03, 04	AR500A-06, 08	AR600A-06, 08
Port size(G)	1/8" · 1/4"	1/4" · 3/8"	3/8" · 1/2"	3/4" · 1"	3/4" · 1"
Gauge thread(G)	1/8"				
Fluid	Compressed air				
Operating pressure range(MPa)	0.15~0.85				
Max.Flowrate(L/min)	1000	2000	3500	5000	
Ambient temperature(°C)	-10~60				

How to order:



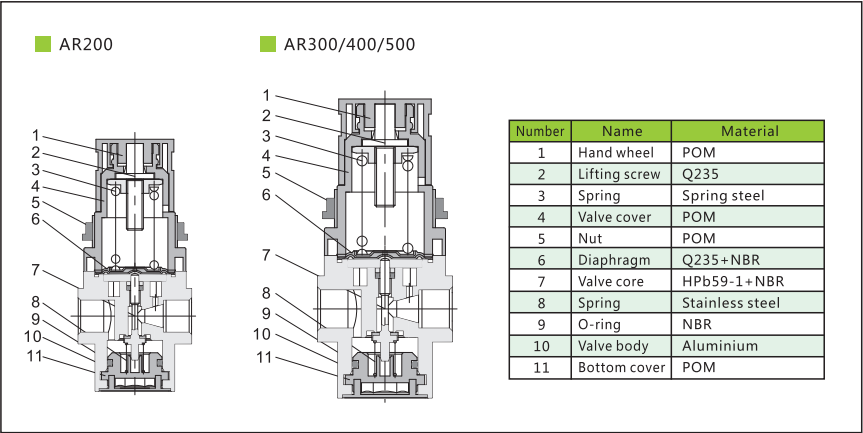
Symbol:



Product feature:

- 1.Hand wheel adopts the pressed self-locking mechanism to prevent the setting pressure from external disturbance and unusual action.
- 2.Pressure adjustment mechanism adopts the balance design with more stable adjustment and better characteristic.
- 3.Besides panel-mounting, fixed bracket installation is optional.

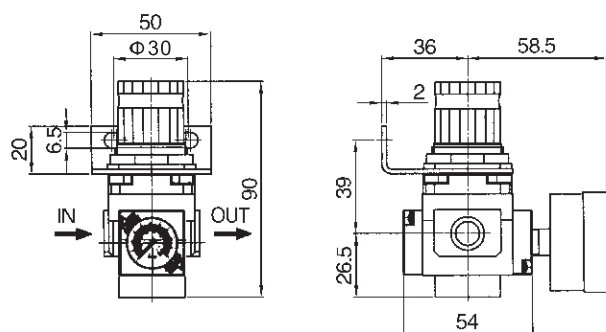
Inner structure drawing:



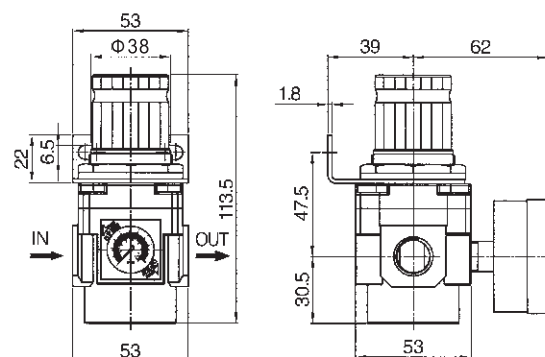
Regulator

■ Dimension(mm):

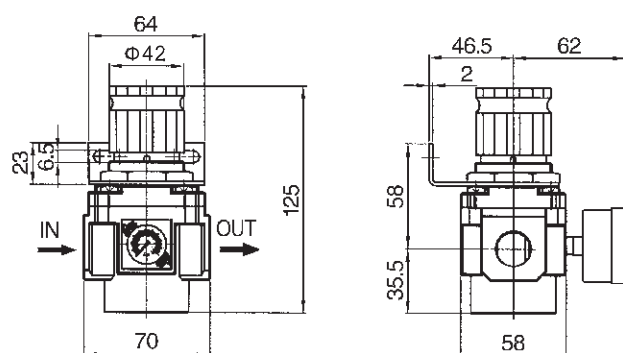
■ AR200A-01, 02



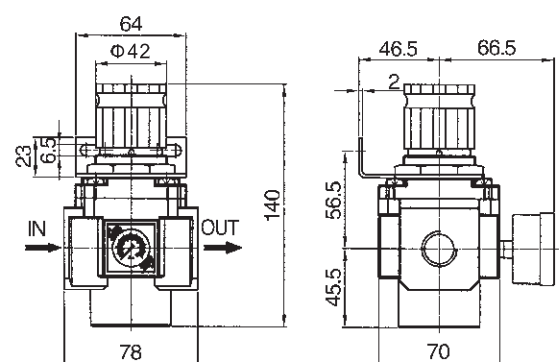
■ AR300A-02, 03



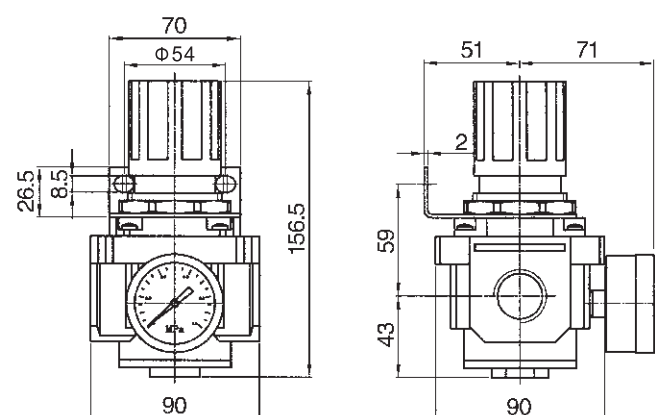
■ AR400A-03, 04



■ AR500A-06, 08



■ AR600A-06, 08



Lubricator



Specification:

Type	AL200A-01, 02	AL300A-02, 03	AL400A-03, 04	AL500A-06, 08	AL600A-06, 08
Port size G	1/8" · 1/4"	1/4" · 3/8"	3/8" · 1/2"	3/4" · 1"	3/4" · 1"
Fluid	Compressed air				
Operating pressure range(MPa)	0.15~0.85				
Max.Flowrate(L/min)	1200	2000	3500	5000	
Ambient temperature(°C)	-10~60				
Filter precision	ISO VG32				
Cup material	Polycarbonate				
Guard cup	-	●	●	●	●

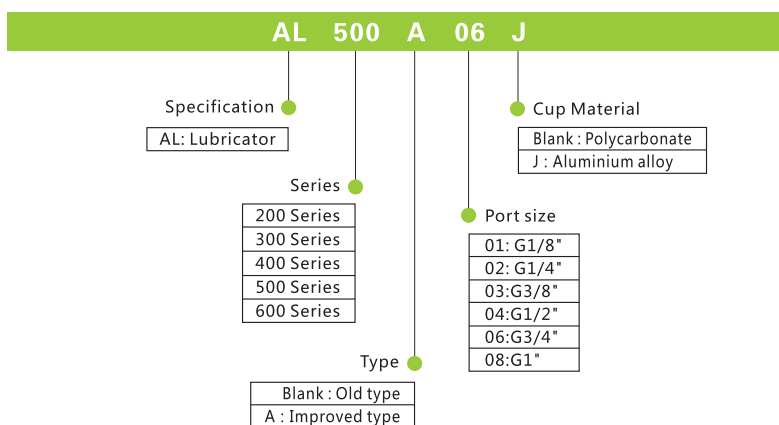
Note1 : The guard cup of AL200A series can be optional. Note2 : Metal cups are optional.



Symbol:



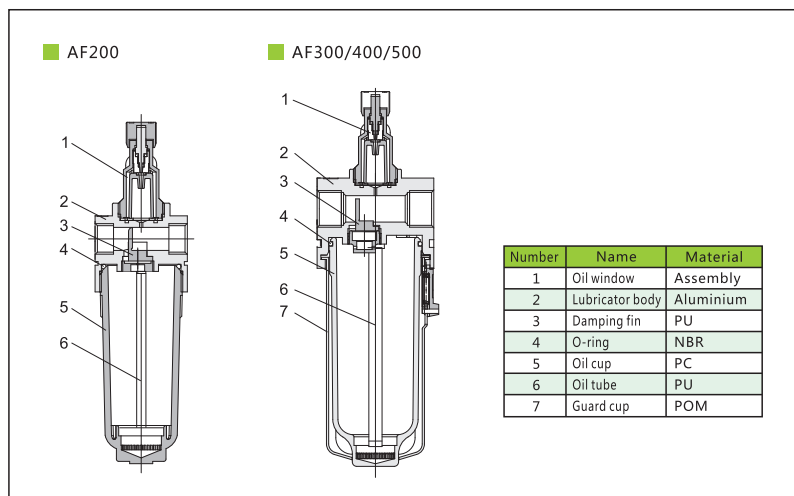
How to order:



Product feature:

- 1.Oil dripping adopts the clearance seal to stabilize oil feeding.
- 2.Oil feeding is linear distribution and the quantity of oil is visible.
- 3.Special oil dripping structure leads to negative pressure at the exit of oil dripping and low fog flow.
- 4.Fixed bracket installation is optional.

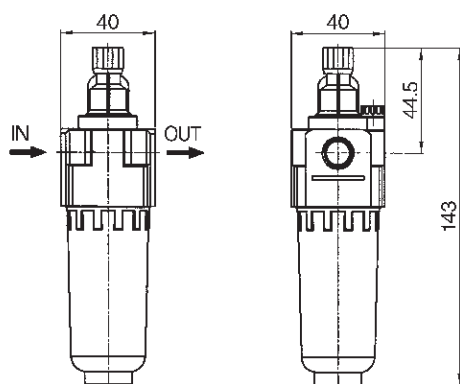
Inner structure drawing:



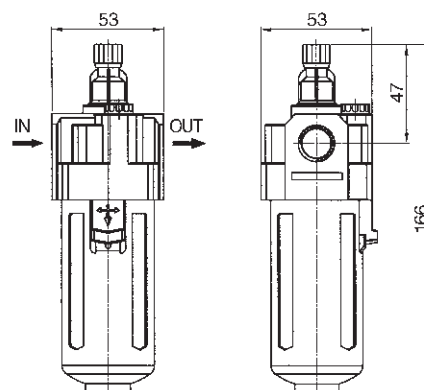
Lubricator

■ Dimension(mm):

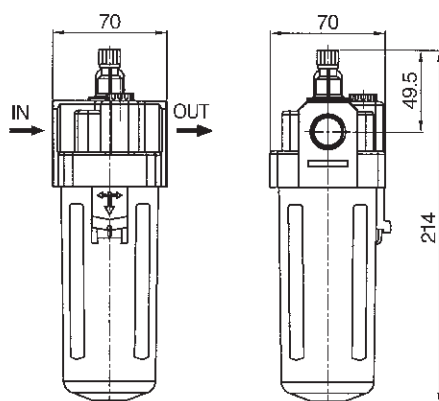
■ AL200A-01、02



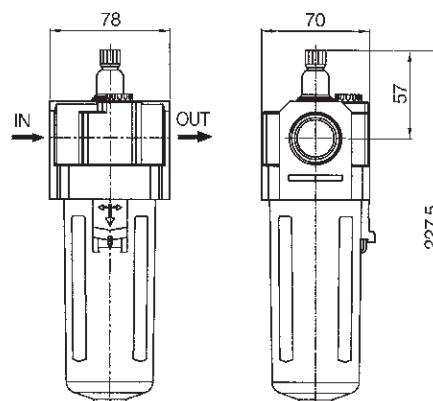
■ AL300A-02、03



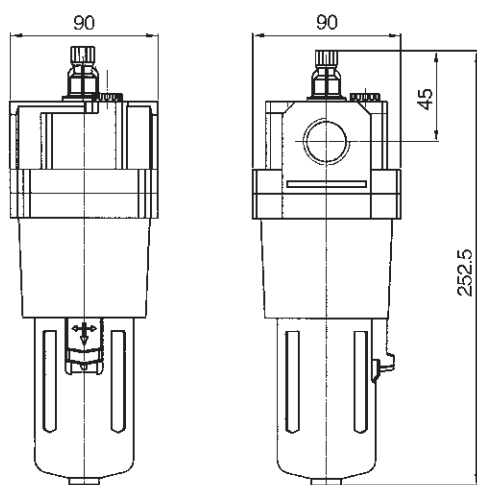
■ AL400A-03、04



■ AL500A-06、08



■ AL600A-06、08

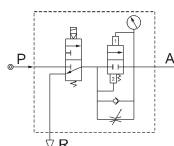


AL

Soft Start-up Valve



Symbol:



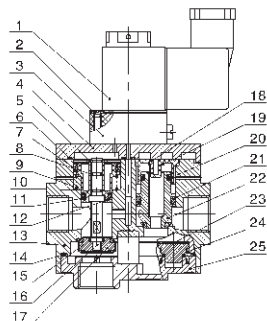
Product feature:

Soft start-up valve is used to input compressed air into pneumatic system slowly and has the effect of safety and protection. Air intake is connected with the input of Soft start-up valve.

If coil is energized, the 3/2 way valve opens. At this time, a little air comes to output A through throttle valve, which increases the pressure of the system gradually. When the output pressure is equal to half of the input pressure, the Soft start-up valve completely opens and the flow at this time reaches the highest value of itself.

When the coil is de-energized, air intake P closes, the air returns to R orifice through reflux valve and is quickly exhausted. The pressure of the system falls to zero, which protects the whole system.

Inner structure drawing:



Number	Name	Number	Name	Number	Name
1	Coil set	10	O ring	19	Spring
2	Sunk screw	11	Y seal	20	Y seal
3	Lead head set	12	Piston 1	21	Y seal
4	Body cover	13	Valve body	22	Piston 2
5	Split washer	14	Seal	23	Spool 2
6	Seal	15	O ring	24	Spring
7	Y seal	16	Valve rod	25	Bottom cover
8	O ring	17	Spool 1		
9	Spring	18	Cover		

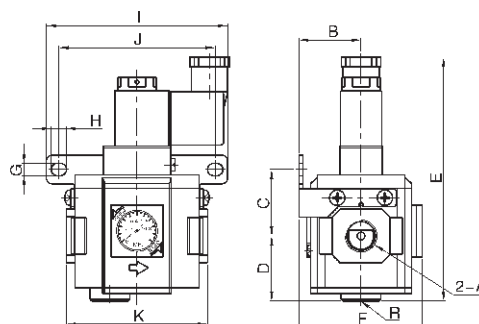
Specification:

Type	AV200-01, 02	AV300-02, 03	AV400-03, 04
Port size (G)	1/8" · 1/4"	1/4" · 3/8"	3/8" · 1/2"
Fluid	Compressed air		
Operating pressure range (MPa)	0.25~0.85		
Ambient temperature (°C)	-5~60		
Acting type	Electronic control		
Port size (G)	1/4"	3/8"	1/2"
Voltage range	±10		
Apply to FRL	AC200A-01, 02	AC300A-02, 03	AC400A-03, 04

How to order:

AV 300 02 M AC220V C G						
Specification	Series	Port size	Coil Voltage	Gauge type	Thread type	Wiring type
AV: Soft Start-up Valve	200 Series 300 Series 400 Series	01: G1/8" 02: G1/4" 03: G3/8" 04: G1/2" 06: G3/4" 08: G1"	DC24V AC220V 50/60Hz AC110V 50/60Hz	Blank: Round Gauge M: Embed square gauge	Blank: PT thread T: NPT thread G: G thread	Blank: White with ended C: Browns W: Lead wire type

Dimension(mm):



Type	AV200		AV300		AV400	
Symbol	01	02	02	03	03	04
A	1/8"	1/4"	1/4"	3/8"	3/8"	1/2"
B	24.5		32.5			40.5
C	30.5		34.5			39
D	30		34			40.5
E	123.5		130			142.5
F	57		64.5			80
G	5.5		6.5			8.5
H	8		8			11
I	80		95			120
J	67		82			102
K	59		74			90
R	1/4		3/8			1/2

Shut-off Valve



HVS



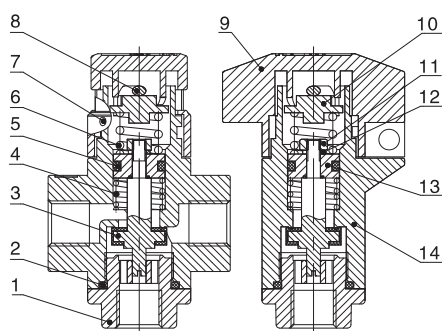
Symbol:



Product feature:

1. It is module design, with bracket can be used with AC series F.R.L.
2. This valve can be used as 2 position 3 way valve.
3. Specific EXH. / SUP. Switch logo is on the products.
4. This valve meets the standard on safe operation by operator specified by Occupational Safety & Health Administration. Before maintaining and servicing the equipment, turn off the air supply and release the residual pressure in the system. In order to prevent the third party during the maintenance of unintentional operation and put away the system pressure and action, so the provisions of the valve for this purpose must be coupled with safety locks.

Inner structure drawing:

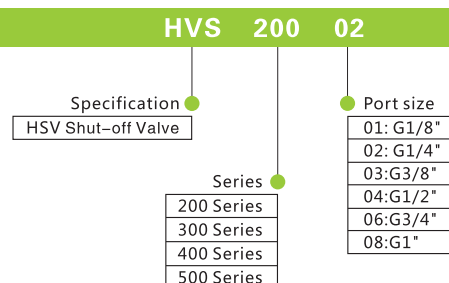


Number	Name	Material	Number	Name	Material
1	Bottom cover	Zinc NBR	8	Axis	Alloy steel
2	O-ring	NBR	9	Turn-knob	Zinc
3	Valve core rod	Valve core rod	10	Spring seat	Medium carbon steel
4	Reset spring	Stainless steel	11	Hex nut	Medium carbon steel
5	O-ring	NBR	12	Elastic gasket	Spring steel
6	Spring	SWC	13	Piston	Aluminium
7	Set screw	Medium carbon steel	14	Body	Cast aluminium

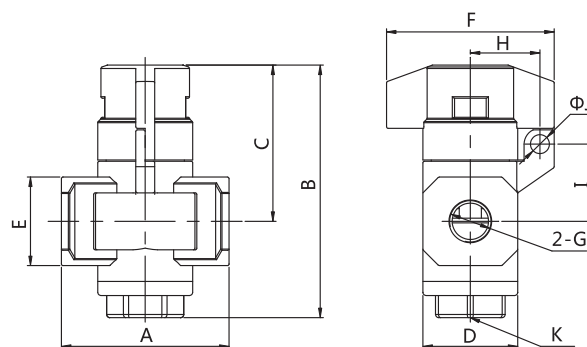
Specification:

Type	HVS200-01	HVS200-02	HVS300-02	HVS300-03	HVS400-03	HVS400-04	HVS500-06	HVS500-08
Port size G	1/8"	1/4"	1/4"	3/8"	3/8"	1/2"	3/4"	1"
Fluid	Compressed air							
Acting type	Manual							
Position number	2 Positon 3Way							
Operating pressure range(MPa)	0~0.9							
Ambient temperature(℃)	-20~70							
Outlet diameter(mm)	8		10		15		25	
Max. pressure resistance(Mpa)	1.5							
Operation angle	90°							
Suitable F.R.L type	AC200A-01	AC200A-02	HVS300-02	AC300A-03	AC400A-03	AC400A-04	AC500A-06	AC500A-08

How to order:



Dimension(mm):



Name	A	B	C	D	E	F	G	H	I	J	K
HVS200-01	40	61	39	28	22	45	G1/8	18	18.5	5	G1/4
HVS200-02	40	61	39	28	22	45	G1/4	18	18.5	5	G1/4
HVS300-02	53	80	50	30	28	53	G1/4	22	24.4	6	G3/8
HVS300-03	53	80	50	30	28	53	G3/8	22	24.4	6	G3/8
HVS400-03	70	86	53	36	36	-	G3/8	-	-	-	G1/2
HVS400-04	70	86	53	36	36	-	G1/2	-	-	-	G1/2
HVS500-06	90	138	73	54	48	-	G1/2	-	-	-	G1
HVS500-08	90	138	73	54	48	-	G1	-	-	-	G1

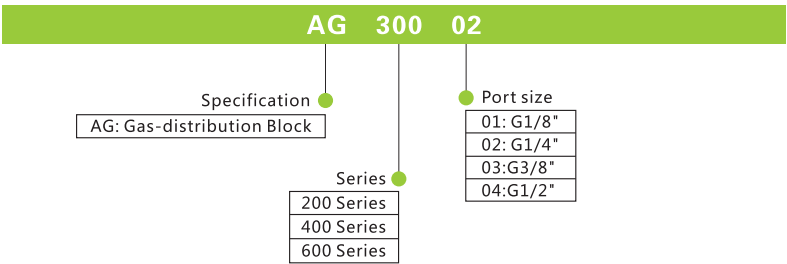
Gas–distrabution Block



Specification:

Type	AG200-01, 02	AG300-02, 03	AG400-03, 04
Port size(G)	1/8" · 1/4"	1/4" · 3/8"	3/8" · 1/2"
Way number	Four		
Operating pressure range(MPa)	0~0.85		
Ambient temperature(°C)	-10~60		

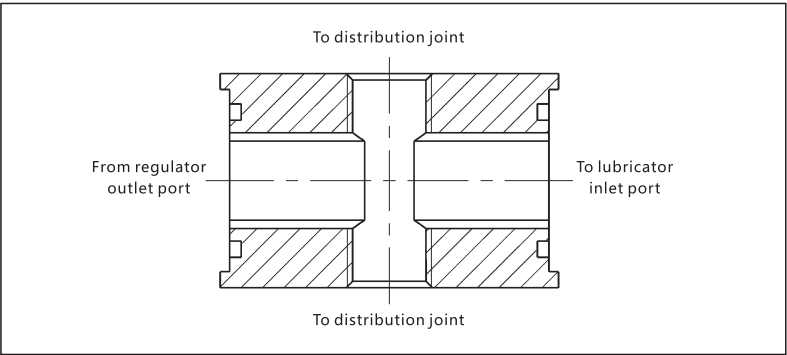
How to order:



Product feature:

- 1.It is installed between AC series regulator(or filter & regulator)and lubricator. The air flow is divided by the device that one enterslubricator which supply oil for lubrication and the other (the second way) directly enters the equipment.
- 2.Using T bracket ,it can be connected with regulator and lubricator.

Inner structure drawing:



Dimension(mm):

2-A

D

E

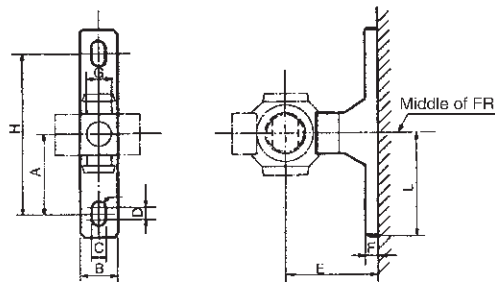
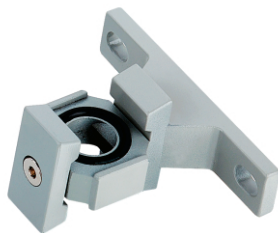
C

B

Type	AG200	AG300	AG400			
Symbol	01	02	03	04		
A	1/8"	1/4"	1/4"	3/8"	3/8"	1/2"
B	40		53		74	
C	42		50		70	
D	22		33.5		41.5	
E	27.5		29.5		36	

Bracket

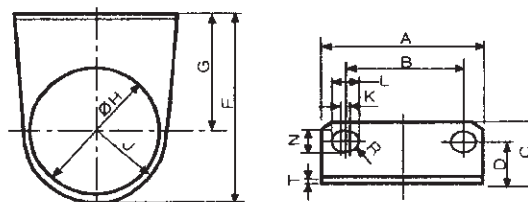
■ T type Bracket



Type	A	B	C	D	E	F	G	H	R	L	Applicable type
AC20T	24	15	5.5	3	30	5	10	48	2.75	33	AC200~AC201
AC30T	35	16	7	4	41	7	11	70	3.5	45	AC300~AC301
AC40T	40	22	9	4	50	7	14	80	4.5	50	AC400~AC401
AC50T	50	24	12	4	70	10	15	100	6.0	62.5	AC500~AC501

■ Y type Bracket

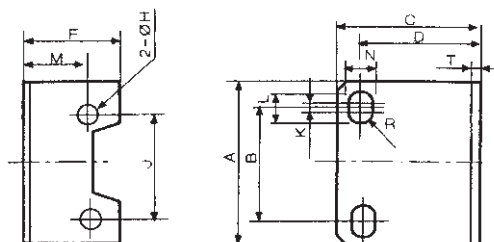
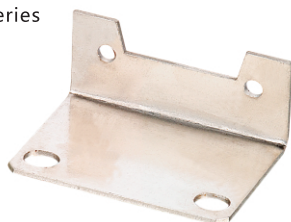
Appliesto AR、AW Series



Type	A	B	C	D	F	G	H	J	K	L	N	R	T	Applicable type
AR20Y	50	35	20	12	50	36	30.5	15.3	2.3	8.7	5.4	3.2	2.3	AR/AW200
AR30Y	53	40	22	14	62	39	38.5	19.3	1.5	8	6.5	3.25	2.3	AR/AW300
AR40Y	70	54	27	18	75	49.2	42.5	21.3	2	10.5	8.5	4.25	2.3	AR/AW400
AR50Y	70	54	27	18	79.2	49.2	42.5	30	2	10.5	8.5	4.25	2.3	AR/AW500

■ J type Bracket

Appliesto AF、AL Series



Type	A	B	C	D	F	H	J	K	L	M	N	R	T	Applicable type
AF20Y	40	27	33	27	18	4.5	26	3	8.4	14	5.4	2.7	2.3	AF/AL200
AF30Y	53	40	39	32	22.5	4.5	35	1.5	8	19	6.5	3.25	2.3	AF/AL300
AF40Y	70	54	47	38	31.5	5.5	47	2	10.5	20	8.5	4.25	2.3	AF/AL400
AF50Y	90	66	64	52	43	6.5	60	2	13	29	11	5.5	3.2	AF/AL500

AC Max Flow Air Treatment

Filter+Regulator+Lubricator



Specification:

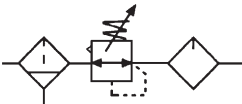
Type	AC900-15	AC900S-15	AC900-20	AC900S-20
Portsize(G)	1½"		2"	
Gaugethread(G)	1/4"			
Fluid	Compressed air			
Operatingpressurerange(MPa)	0.15~0.85			
Ambient temperature(°C)	-10~60			
Filterprecision	5µm or 40µm			
Cupmaterial	Polycarbonate, Die-casting Aluminum			

Note: Plastic cups are optional.

How to order:

AC 900 S 15 D				
Specification	Series	Cup Material	Port size	Gauge type
AC: Filter+ Regulator+Lubricator	900 Series	Blank: Aluminium S: Plastic	15: G1 ¹ / ₂ " 20: G2"	Blank: Round Gauge M: Embedsquare gauge

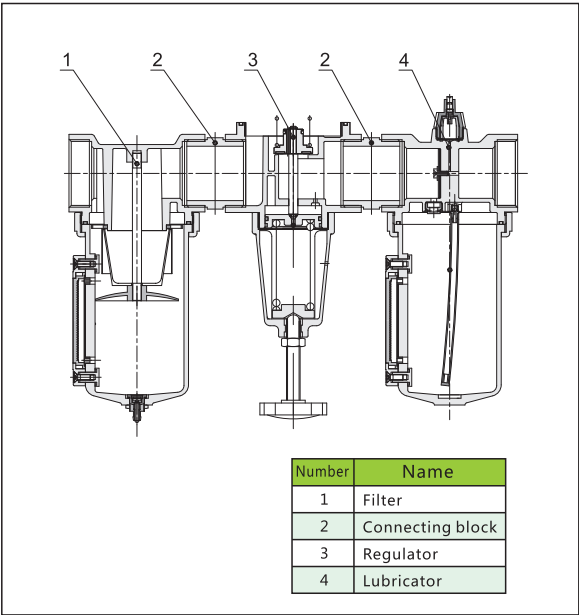
Symbol:



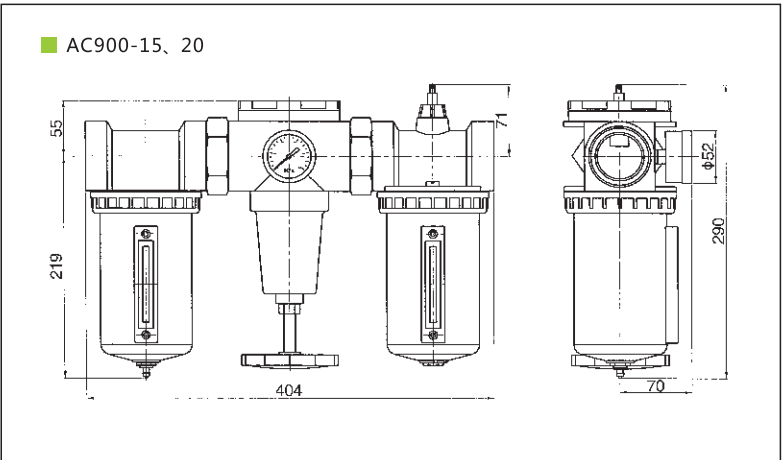
Product feature:

- 1.Oil dripping adopts the clearance seal to stabilize oil feeding.
- 2.Oil feeding is linear distribution and the quantity of oil is visible.
- 3.Fixed connection is fast reliable and easy for installation and using. Pressure adjust is stable and with high repeat precision.
- 4.High efficiency of removing water and solid particle.
- 5.Manual, differential pressure and automatic drain ways are optional.

Inner structure drawing:



Dimension(mm):



AC

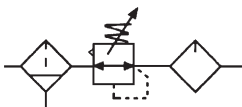
Filter Regulator+Lubricator



AC



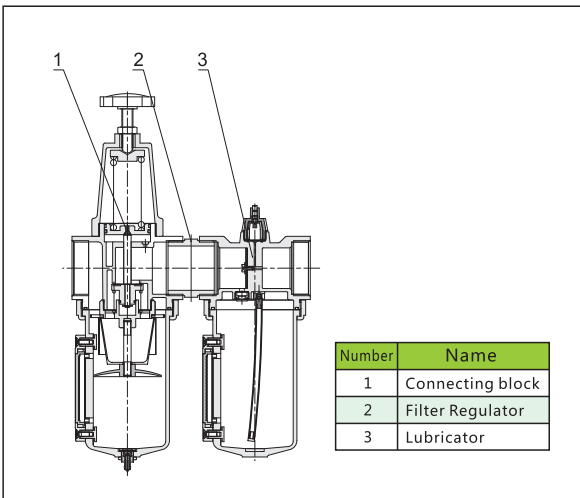
Symbol:



Product feature:

- 1.Oil dripping adopts the clearance seal to stabilize oil feeding.
- 2.Oil feeding is linear distribution and the quantity of oil is visible.
- 3.Fixed connection is fast reliable and easy for installation and using. Pressure adjust is stable and with high repeat precision.
- 4.High efficiency of removing water and solid particle.
- 5.Manual, differential pressure and automatic drain ways are optional.

Inner structure drawing:

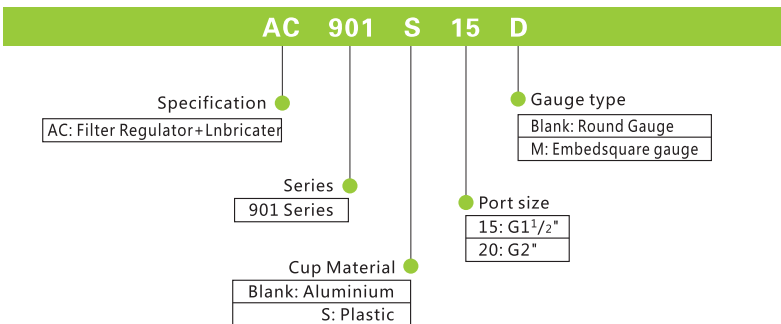


Specification:

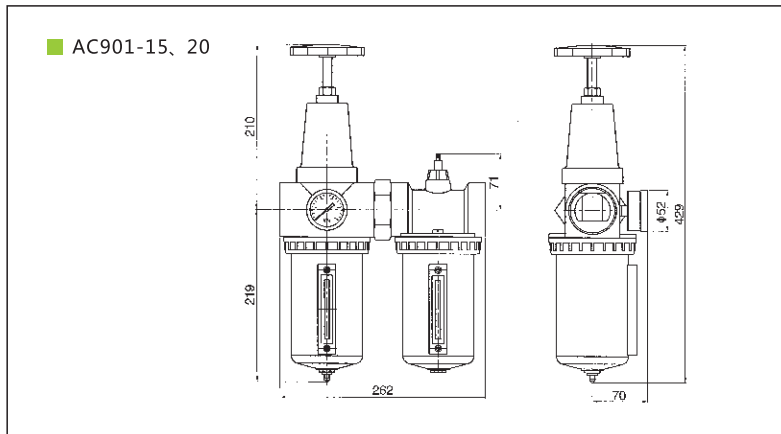
Type	AC901-15	AC901S-15	AC901-20	AC901S-20
Portsize(G)	1 1/2"		2"	
Gaugethread(G)	1/4"			
Fluid	Compressed air			
Operatingpressurerange(MPa)	0.15~0.85			
Ambient temperature(°C)	-10~60			
Filterprecision	5μm or 40μm			
Cupmaterial	Polycarbonate, Die-casting Aluminum			

Note: Plastic cups are optional.

How to order:



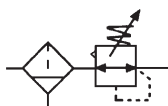
Dimension(mm):



Filter Regulator



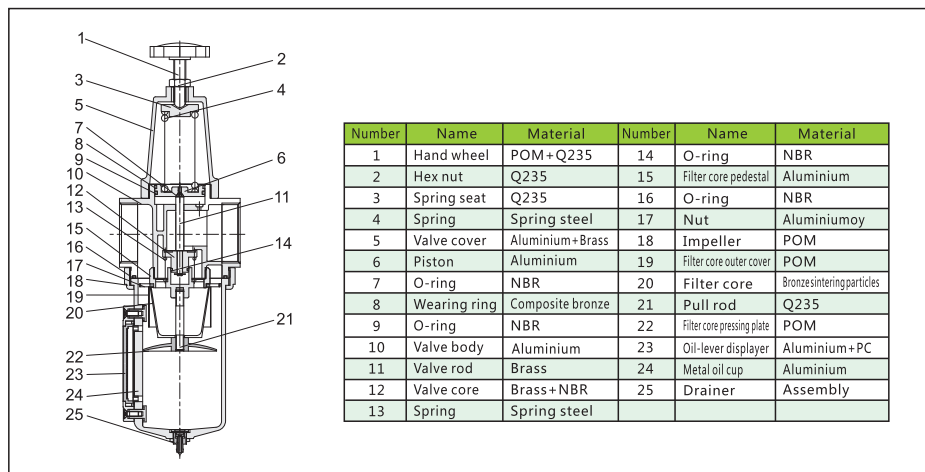
Symbol:



Product feature:

1. Pressure adjustment mechanism adopts the balance design with more stable adjustment and better characteristic.
2. Special guide structure makes the flowing gases spin properly to separate the water from gas and filter solid particle efficiently.
3. Filter precision 5 or 40 μ m is optional.
4. Manual, differential pressure and automatic drain ways are optional.

Inner structure drawing:

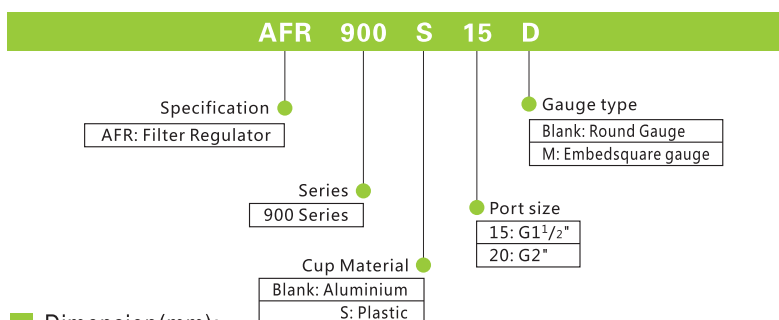


Specification:

Type	AFR900-15	AFR900S-15	AFR900-20	AFR900S-20
Portsize(G)	1½"		2"	
Gaugethread(G)	1/4"			
Fluid	Compressed air			
Operatingpressure(MPa)	0.15~0.85			
Ambient temperature(°C)	-10~60			
Filterprecision	5µm or 40µm			
Cupmaterial	Polycarbonate, Die-castingAluminum			

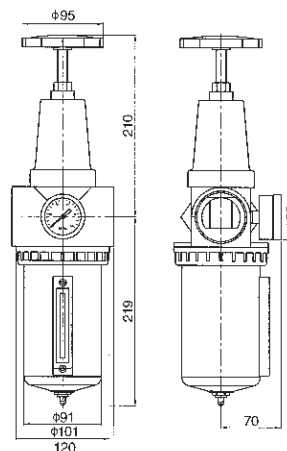
Note: Plastic cups are optional.

How to order:



Dimension(mm):

AFR900-15、20



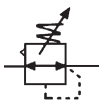
Regulator



AR



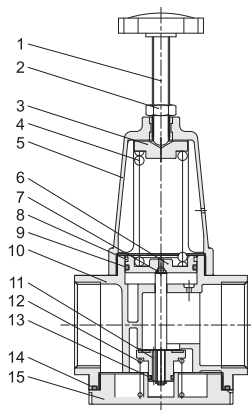
Symbol:



Product feature:

- 1. Pressure adjustment mechanism adopts the balance design with more stable adjustment and better characteristic.

Inner structure drawing:

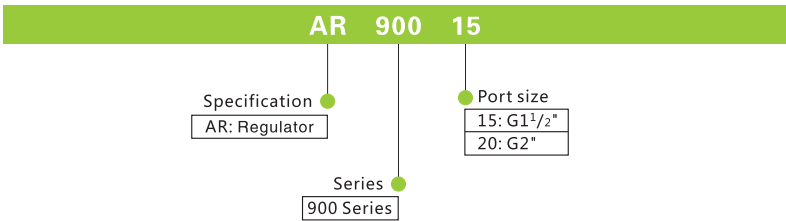


Number	Name	Material
1	Hand wheel	ABS+Q235
2	Hex nut	Q235
3	Spring seat	Q235
4	Spring	Spring steel
5	Valve cover	Aluminium+Brass
6	Piston	Aluminium
7	O-ring	NBR
8	Wearing ring	Polycarbonate
9	O-ring	NBR
10	Valve body	Aluminium
11	Valve core	Brass+NBR
12	Spring	Spring steel
13	O-ring	NBR
14	O-ring	NBR
15	Bottom cover	Aluminium

Specification:

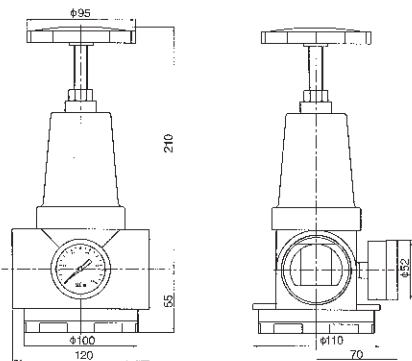
Type	AR900-15	AR900-20
Portsize(G)	1 1/2"	2"
Gaugethread(G)	1/4"	
Fluid	Compressed air	
Operatingpressure(MPa)	0.15~0.85	
Ambient temperature(°C)	-10~60	

How to order:



Dimension(mm):

AR900-15, 20



Filter



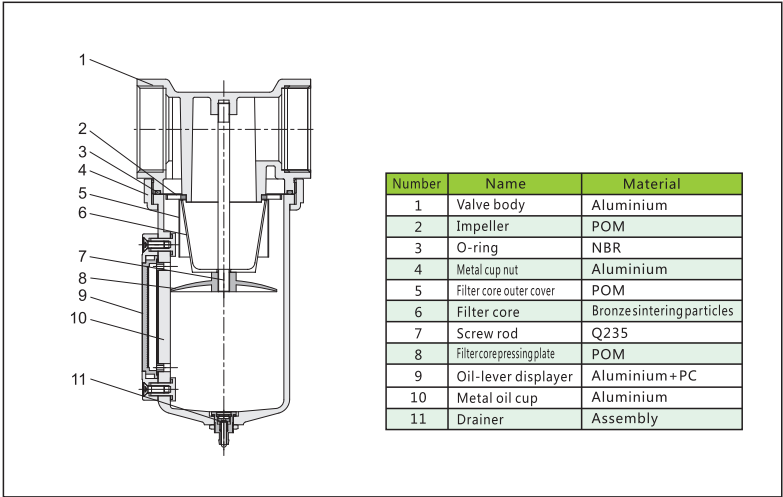
Symbol:



Product feature:

- 1.Special guide structure makes the flowing gases spin properly to separate the water from gas and filter solid particle efficiently.
- 2.Low pressure loss and high division efficiency.

Inner structure drawing:

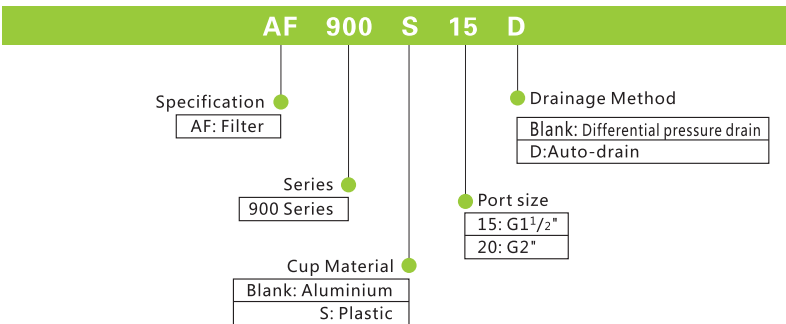


Specification:

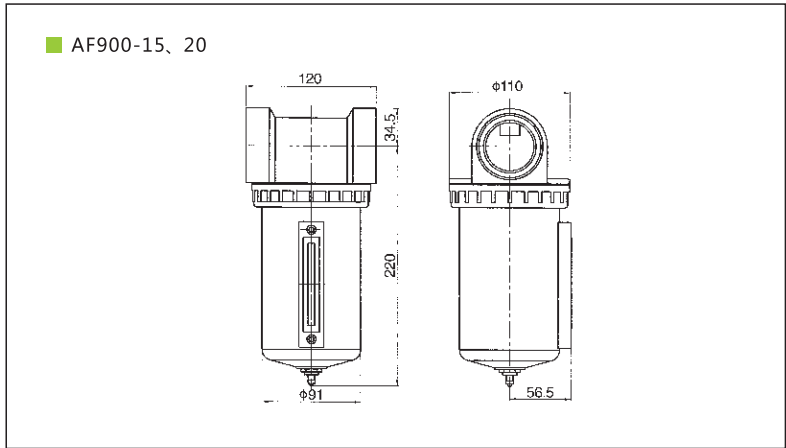
Type	AF900-15	AF900S-15	AF900-20	AF900S-20
Portsize(G)	1½"		2"	
Fluid	Compressed air			
Operatingpressure(MPa)	0.15~0.85			
Ambient temperature(°C)	-10~60			
Filterprecision	5µm or 40µm			
Cupmaterial	Polycarbonate, Die-casting Aluminum			

Note: Plastic cups are optional.

How to order:



Dimension(mm):



Lubricator



AL



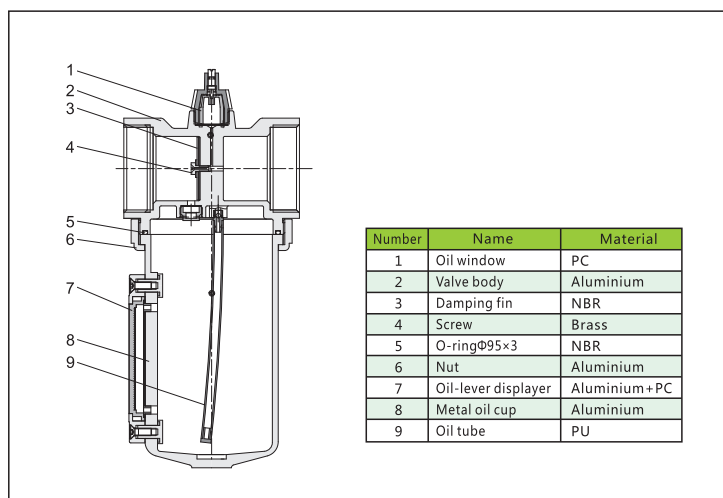
Symbol:



Product feature:

- 1.Oil dripping adopts the clearance seal to stabilize oil feeding.
- 2.Oil feeding is linear distribution and the quantity of oil is visible.
- 3.Special oil dripping structure leads to negative pressure at the exit of oil dripping and low fog flow.

Inner structure drawing:

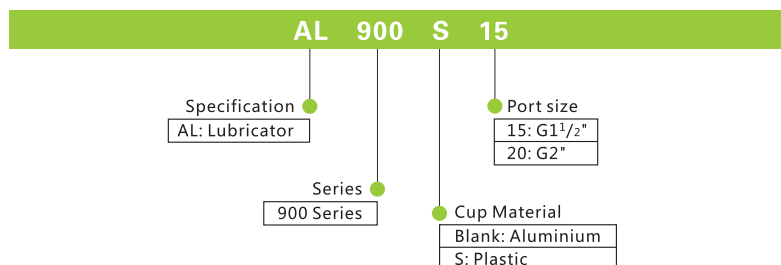


Specification:

Type	AL900-15	AL900S-15	AL900-20	AL900S-20
Portsize(G)	1½"		2"	
Fluid	Compressed air			
Operating pressure range(MPa)	0.15~0.85			
Ambient temperature(°C)	-10~60			
Cup material	Polycarbonate, Die-casting Aluminum			

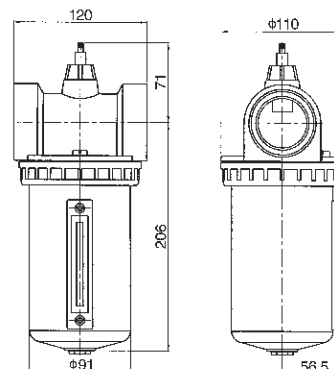
Note: Plastic cups are optional.

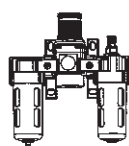
How to order:



Dimension(mm):

AL900-15, 20





FRL、UFRL Filter+Regulator+Lubricator -----

Optional(1/4",3/8",1/2",3/4",1")

043



FR/L、UFR/L Filter Regulator+Lubricator -----

Optional(1/4",3/8",1/2",3/4",1")

045



FR、UFR Filter Regulator -----

Optional(1/4",3/8",1/2",3/4",1")

047



F、UF Filter -----

Optional(1/4",3/8",1/2",3/4",1")

049



R、UR Relief Valve -----

Optional(1/4",3/8",1/2",3/4",1")

051



L、UL Atomized Lubricator -----

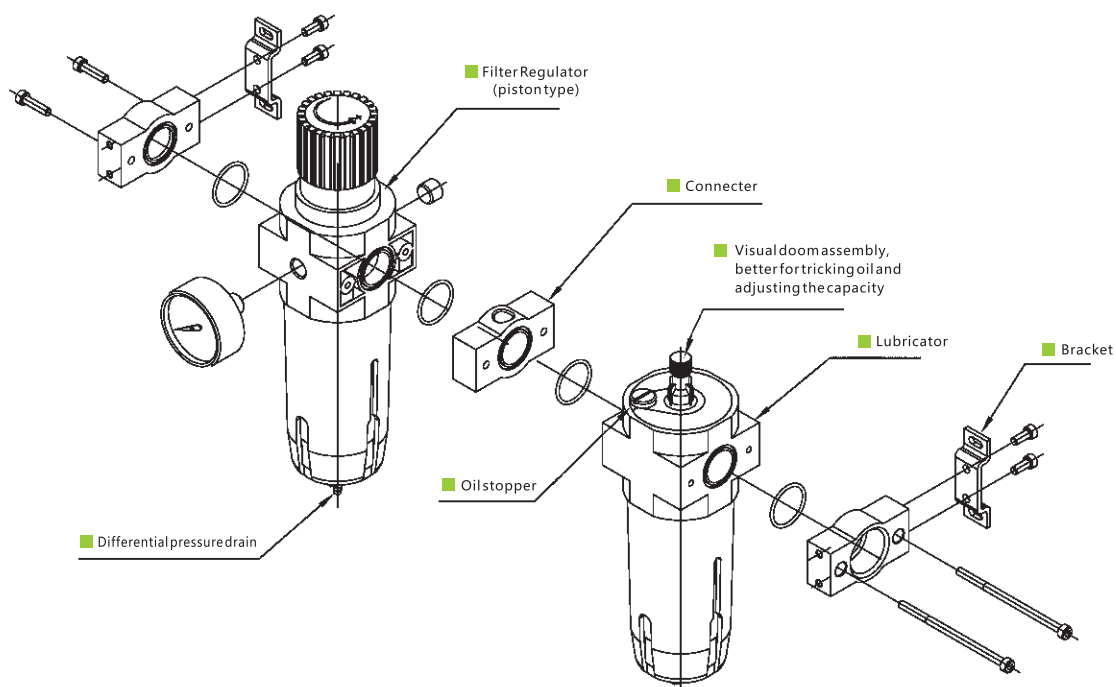
Optional(1/4",3/8",1/2",3/4",1")

053



U系列

F.R.L assembled sketch:



Filter+Regulator+Lubricator



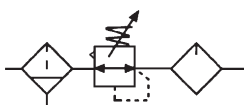
U series

Specification:

Type	FRL-02	UFRL-02	UFRL-03	UFRL-04	UFRL-06	UFRL-08
Port size(G)	1/4"	1/4"	3/8"	1/2"	3/4"	1"
Gauge thread(G)	1/8"	1/4"				
Fluid	Compressed air					
Operating pressure range(MPa)	0.15~0.85					
Max.Flow rate(L/min)	1850	2800			7900	8100
Ambient temperature(°C)	-10~60					
Filter precision	5μm or 40μm					
Oil recommended	ISO VG32					
Cup material	Polycarbonate					
Structure	Piston type				Diaphragm type	
Optional	-	●	●	●	●	●

Note: Metal cups are optional.

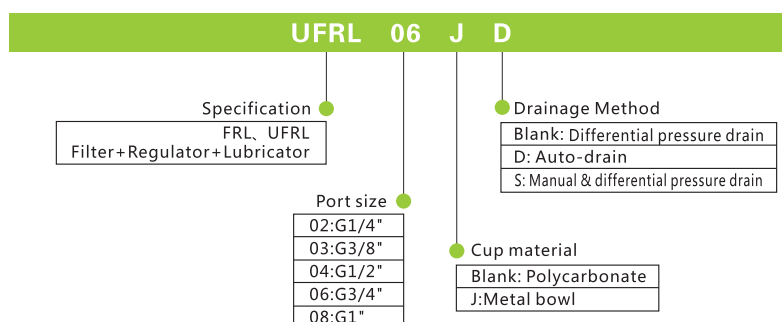
Symbol:



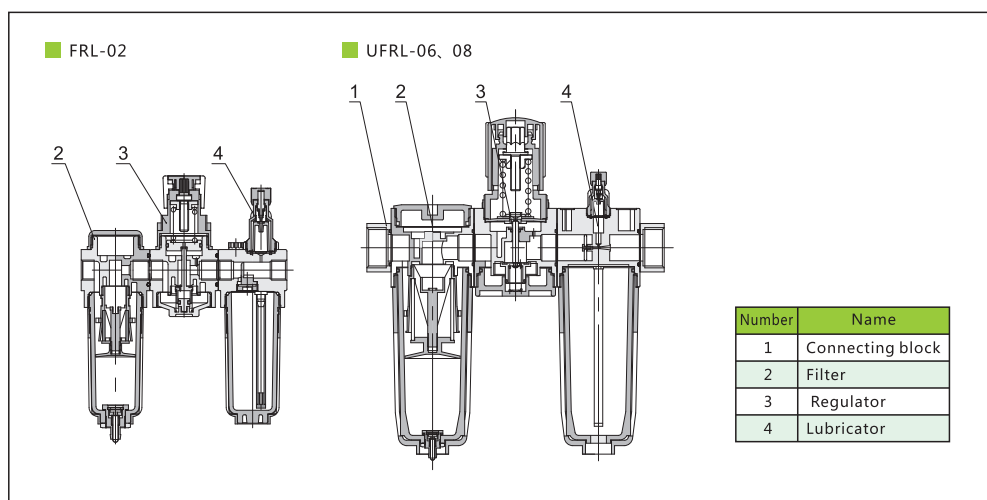
Product feature:

- 1.Oil dripping adopts the clearance seal to stabilize oil feeding.
- 2.Oil feeding is linear distribution and the quantity of oil is visible.
- 3.Fixed connection is fast reliable and easy for installation and using. Pressure adjust is stable and with high repeat precision.
- 4.High efficiency of removing water and solid particle.
- 5.Manual, differential pressure and automatic drain ways are optional.

How to order:

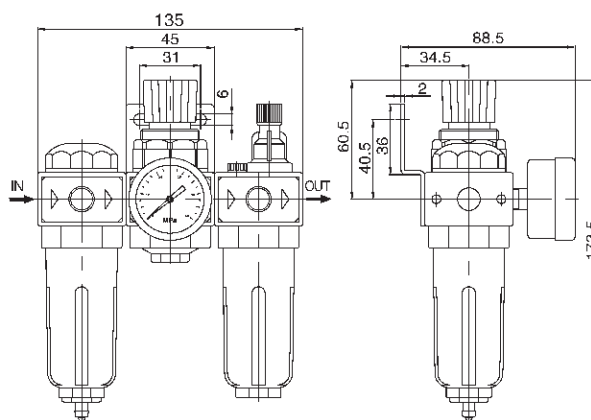


Inner structure drawing:

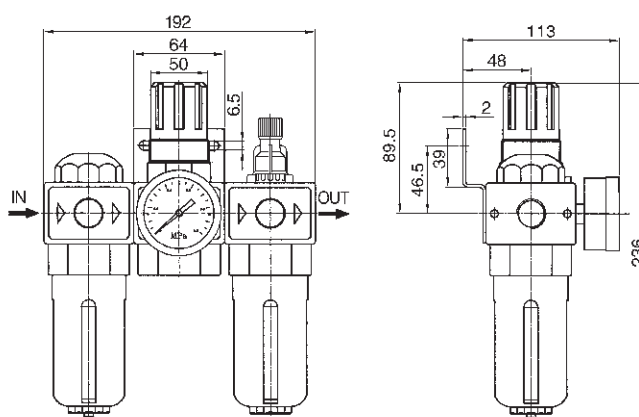


Dimension(mm)

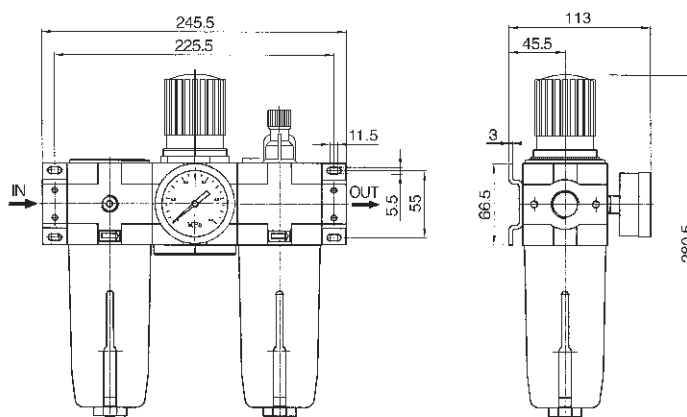
FRL-02



UFRL-02、03、04



UFRL-06、08



Filter Regulator+Lubricator



FR/L
UFR/L

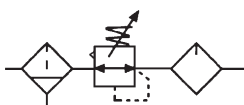


Specification:

Type	FR/L-02	UFR/L-02	UFR/L-03	UFR/L-04	UFR/L-06	UFR/L-08
Port size(G)	1/4"	1/4"	3/8"	1/2"	3/4"	1"
Gauge thread(G)	1/8"	1/4"				
Fluid	Compressed air					
Operating pressure range(MPa)	0.15~0.85					
Max.Flow rate(L/min)	1850	2800			7900	8100
Ambient temperature(°C)	-10~60					
Filter precision	5μm or 40μm					
Oil recommended	ISO VG32					
Cup material	Polycarbonate					
Structure	Piston type				Diaphragm type	
Optional	-	●	●	●	●	●

Note: Metal cups are optional.

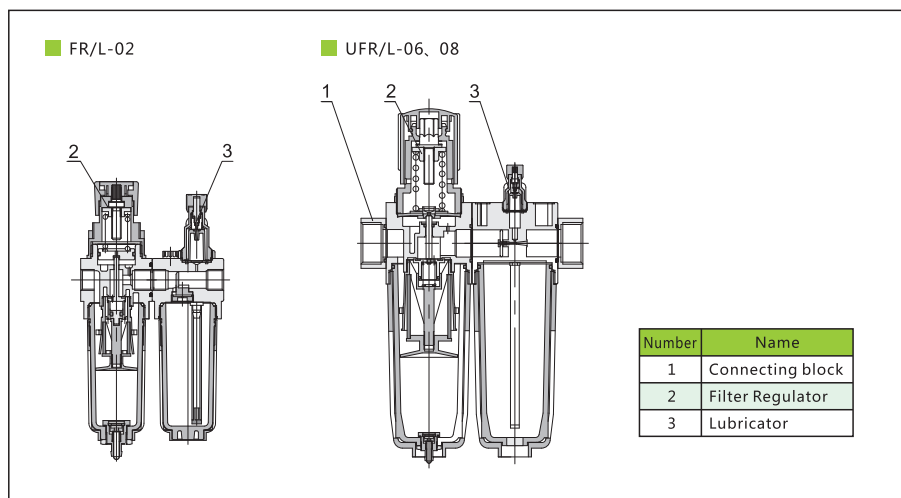
Symbol:



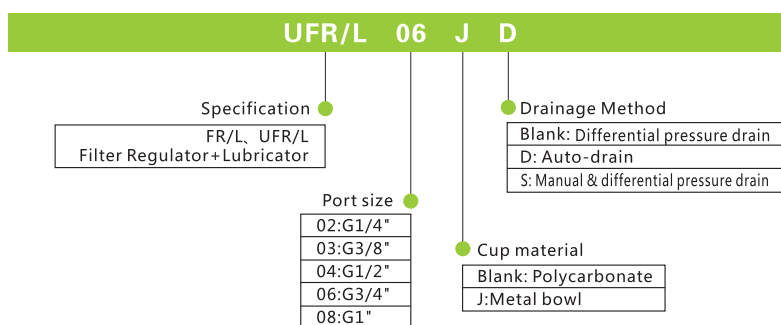
Product feature:

- 1.Oil dripping adopts the clearance seal to stabilize oil feeding.
- 2.Oil feeding is linear distribution and the quantity of oil is visible.
- 3.Fixed connection is fast reliable and easy for installation and using. Pressure adjust is stable and with high repeat precision.
- 4.High efficiency of removing water and solid particle.
- 5.Manual, differential pressure and automatic drain ways are optional.

Inner structure drawing:

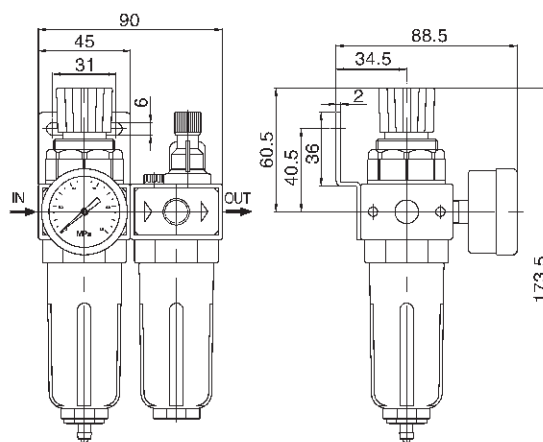


How to order:

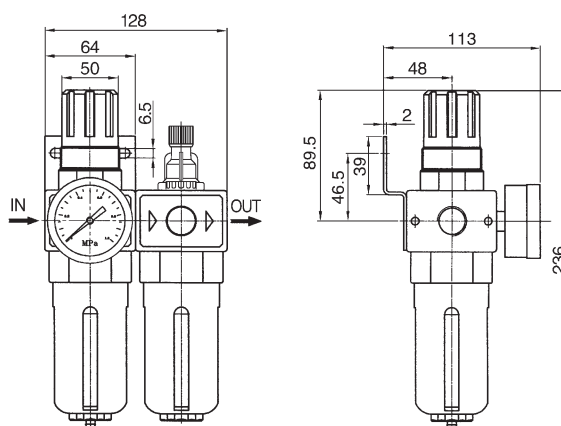


Dimension(mm)

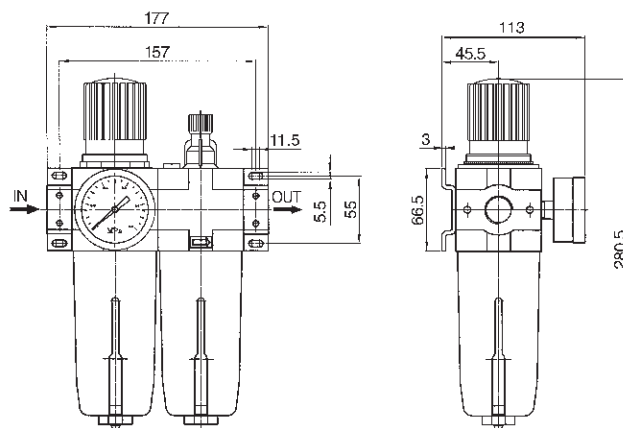
FR/L-02



UFR/L-02、03、04



UFR/L-06、08



Filter Regulator

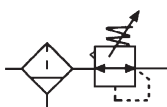
FR
UFR

■ Specification:

Type	FR-02	UFR-02	UFR-03	UFR-04	UFR-06	UFR-08
Port size(G)	1/4"	1/4"	3/8"	1/2"	3/4"	1"
Gauge thread(G)	1/8"	1/4"				
Fluid	Compressed air					
Operating pressure range(MPa)	0.15~0.85					
Max.Flow rate(L/min)	1850	2800			7900	8100
Ambient temperature(°C)	-10~60					
Filter precision	5μm or 40μm					
Cup material	Polycarbonate					
Structure	Piston type				Diaphragm type	
Optional	-	●	●	●	●	●

Note: Metal cups are optional.

■ Symbol:



■ Product feature:

- 1.Hand wheel adopts the pressed self-locking mechanism to prevent the setting pressure from external disturbance and unusual action.
- 2.Pressure adjustment mechanism adopts the balance design with more stable adjustment and better characteristic.
- 3.Special guide structure makes the flowing gases spin properly to separate the water from gas and filter solid particle efficiently.
- 4.Filter precision 5 or 40 μm is optional.
- 5.Manual, differential pressure and automatic drain ways are optional.

■ How to order:

UFR 06 J D			
Specification	●	Drainage Method	●
Port size	●	Cup material	●

FR, UFR: Filter Regulator
 UFRH: Filter Regulator

Blank: Differential pressure drain
 D: Auto-drain
 S: Manual & differential pressure drain

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

Blank: Polycarbonate
 J: Metal bowl

■ Inner structure drawing:

■ FR-02

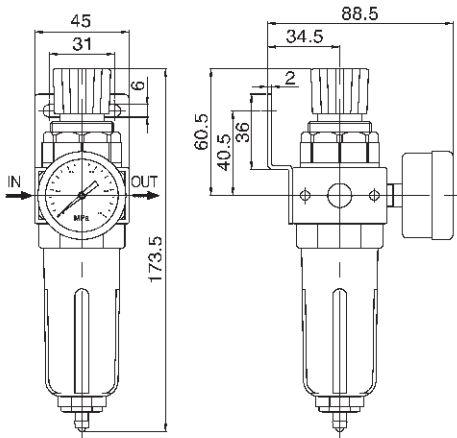
■ UFR-06, 08

Number	Name	Material
1	Hand wheel	POM
2	Lifting screw	Brass
3	Spring	Spring steel
4	Valve cover	POM
5	Nut	POM
6	Piston	Aluminium
7	Valve body	Aluminium
8	Connecting block	Aluminium
9	Valve core	Brass+NBR
10	O-ring	NBR
11	Valve core Spring	Stainless steel
12	Filter core pedestal	POM
13	Filter core	Bronze sintering particles Polypropylene fiber
14	Impeller	POM
15	Filter core pressing plate	POM
16	Water cup	PC
17	Guard cup	POM
18	Drainer	Assembly

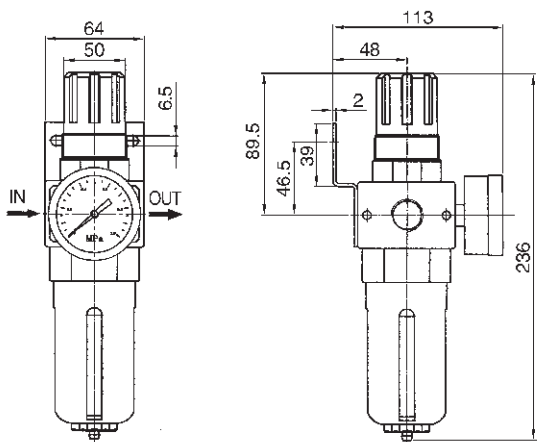
Filter Regulator

Dimension(mm)

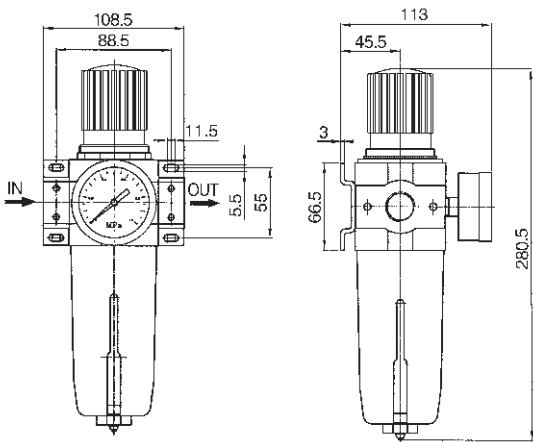
FR-02



UFR-02、03、04



UFR-06、08



FR
UFR

Filter

Specification:

Type	F-02	UF-02	UF-03	UF-04	UF-06	UF-08
Port size(G)	1/4"	1/4"	3/8"	1/2"	3/4"	1"
Fluid	Compressed air					
Operating pressure range(MPa)	0.15~0.85					
Max.Flow rate(L/min)	1850	2800			7900	8100
Ambient temperature(°C)	-10~60					
Filter precision	5μm or 40μm					
Cup material	Polycarbonate					
Optional	-	●	●	●	●	●

Note: Metal cups are optional.

Symbol:



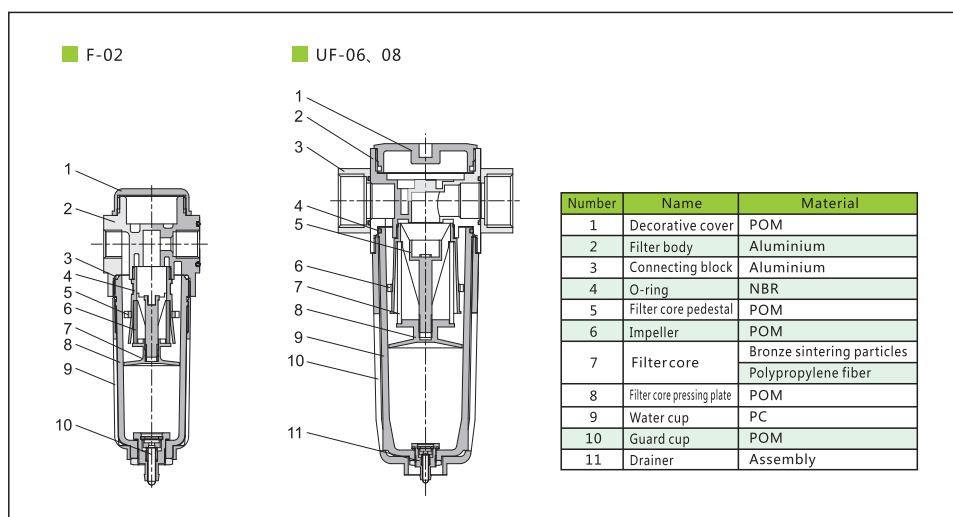
Product feature:

- 1.Special guide structure makes the flowing gases spin properly to separate the water from gas and filter solid particle efficiently.
- 2.Low pressure loss and high division efficiency.
- 3.Filter precision 5 or 40 μm is optional.
- 4.Manual, differential pressure and automatic drain ways are optional.

How to order:

UF 06 J D			
Specification	Port size	Drainage Method	
F, UF: Filter	02:G1/4"	Blank: Differential pressure drain	
UFH: Filter	03:G3/8"	D: Auto-drain	
	04:G1/2"	S: Manual & differential pressure drain	
	06:G3/4"	Cup material	
	08:G1"	Blank: Polycarbonate	
		J: Metal bowl	

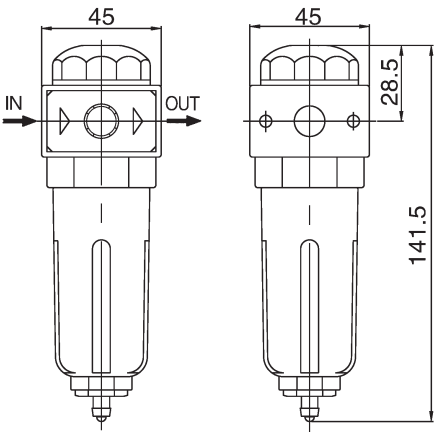
Inner structure drawing:



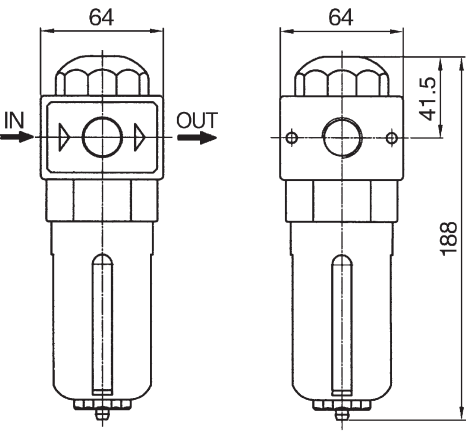
Filter

Dimension(mm)

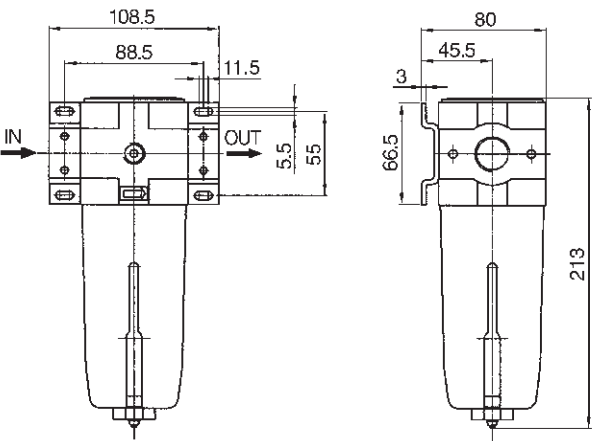
F-02



UF-02、03、04



UF-06、08



F
UF

Regulator



Specification:

Type	R-02	UR-02	UR-03	UR-04	UR-06	UR-08
Port size(G)	1/4"	1/4"	3/8"	1/2"	3/4"	1"
Gauge thread(G)	1/8"	1/4"				
Fluid	Compressed air					
Operating pressure range(MPa)	0.15~0.85					
Max.Flow rate(L/min)	1850	2800			7900	8100
Ambient temperature(°C)	-10~60					
Structure	Piston type				Diaphragm type	

Symbol:



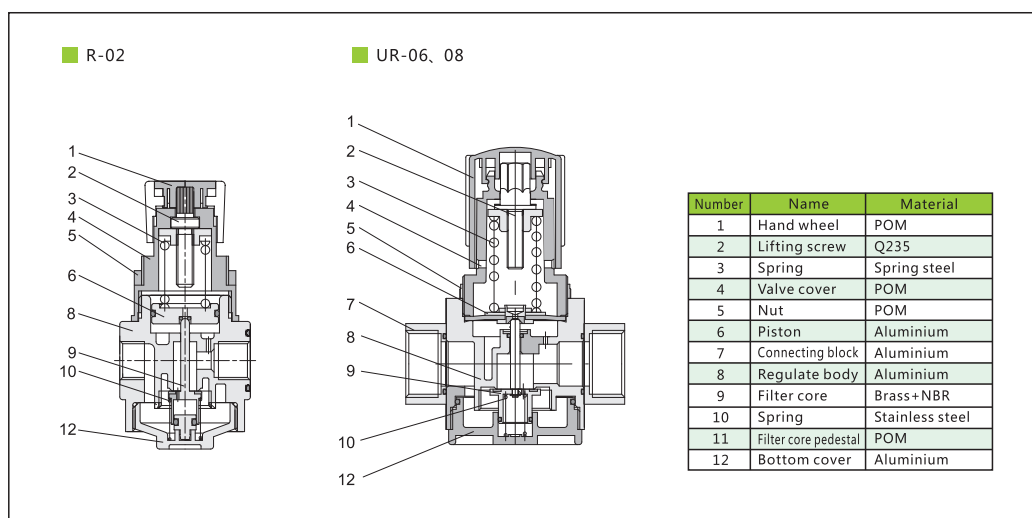
Product feature:

- 1.Hand wheel adopts the pressed self-locking mechanism to prevent the setting pressure from external disturbance and unusual action.
- 2.Pressure adjustment mechanism adopts the balance design with more stable adjustment and better characteristic.
- 3.Besides panel-mounting, fixed bracket installation is optional.

How to order:

UR 06	
Specification	Port size
R, UR: Regulator	02: G1/4"
URH: Regulator	03: G3/8"
	04: G1/2"
	06: G3/4"
	08: G1"

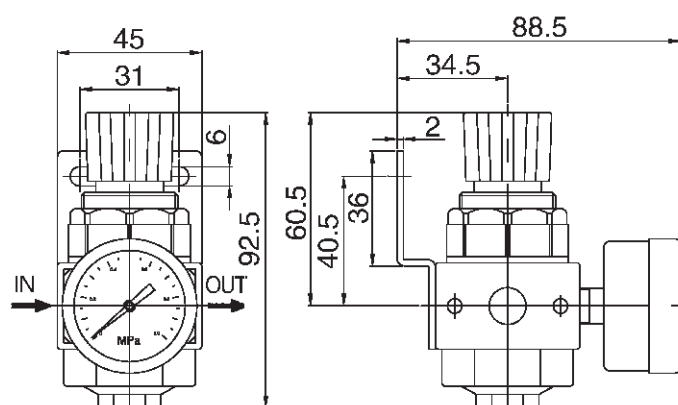
Inner structure drawing:



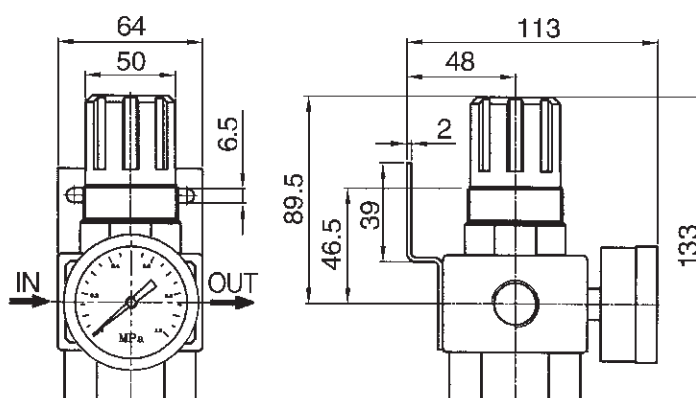
Regulator

Dimension(mm)

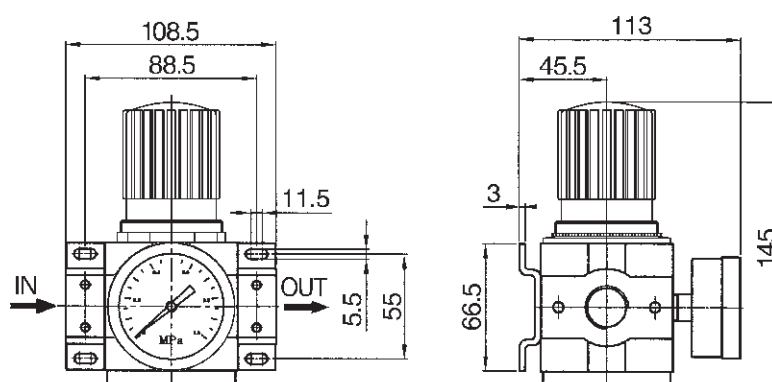
R-02



R-02、03、04



R-06、08



Lubricator



L
UL

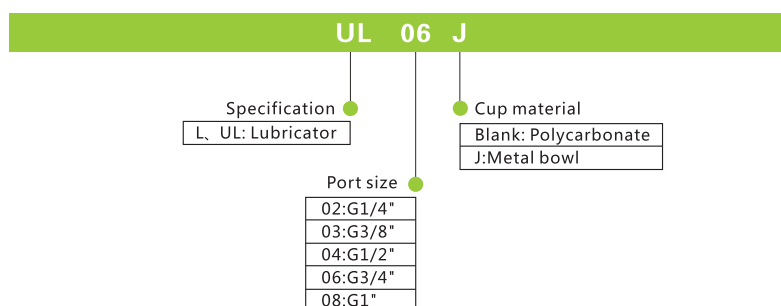


Specification:

Type	L-02	UL-02	UL-03	UL-04	UL-06	UL-08
Port size G	1/4"	1/4"	3/8"	1/2"	3/4"	1"
Fluid	Compressed air					
Operating pressure range(MPa)	0.15~0.85					
Max.Flow rate(L/min)	2500	3500			7900	8100
Ambient temperature(°C)	-10~60					
Oil recommended	ISO VG32					
Cup material	Polycarbonate					
Optional	-	●	●	●	●	●

Note: Metal cups are optional.

How to order:



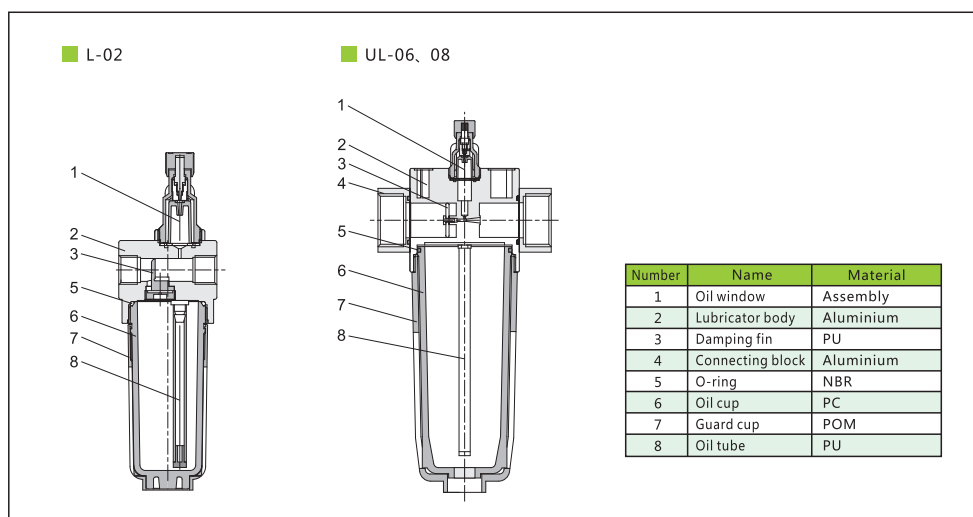
Symbol:



Product feature:

- 1.Oil dripping adopts the clearance seal to stabilize oil feeding.
- 2.Oil feeding is linear distribution and the quantity of oil is visible.
- 3.Special oil dripping structure leads to negative pressure at the exit of oil dripping and low fog flow.
- 4.Fixed bracket installation is optional.

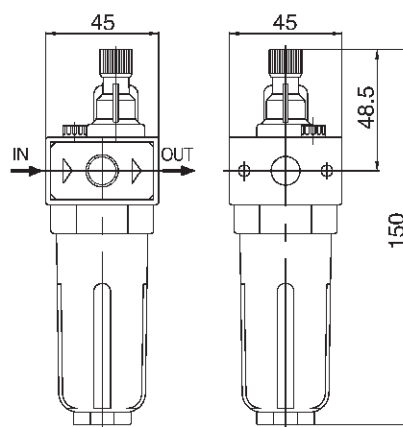
Inner structure drawing:



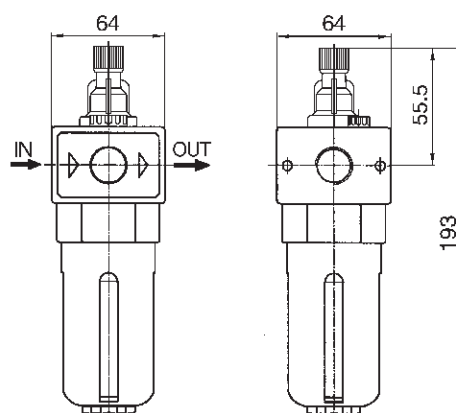
Lubricator

Dimension(mm)

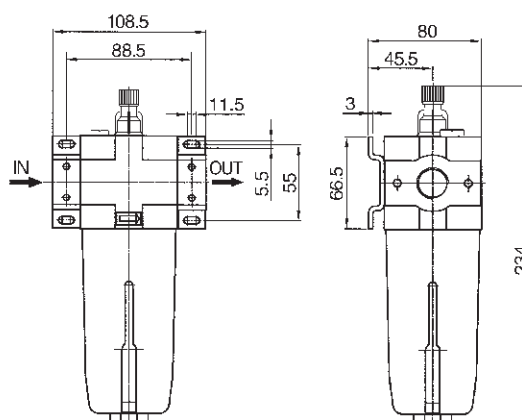
FR/L-02

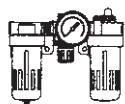


UFR/L-02、03、04

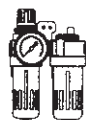


UFR/L-06、08





AC、BC Filter+Regulator+Lubricator ----- Optional(1/4",3/8",1/2") 056



AFC、BFC Filter Regulator+Lubricator ----- Optional(1/4",3/8",1/2") 057



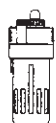
AFR、BFR Filter Regulator ----- Optional(1/4",3/8",1/2") 058



AF、BF Filter ----- Optional(1/4",3/8",1/2") 059

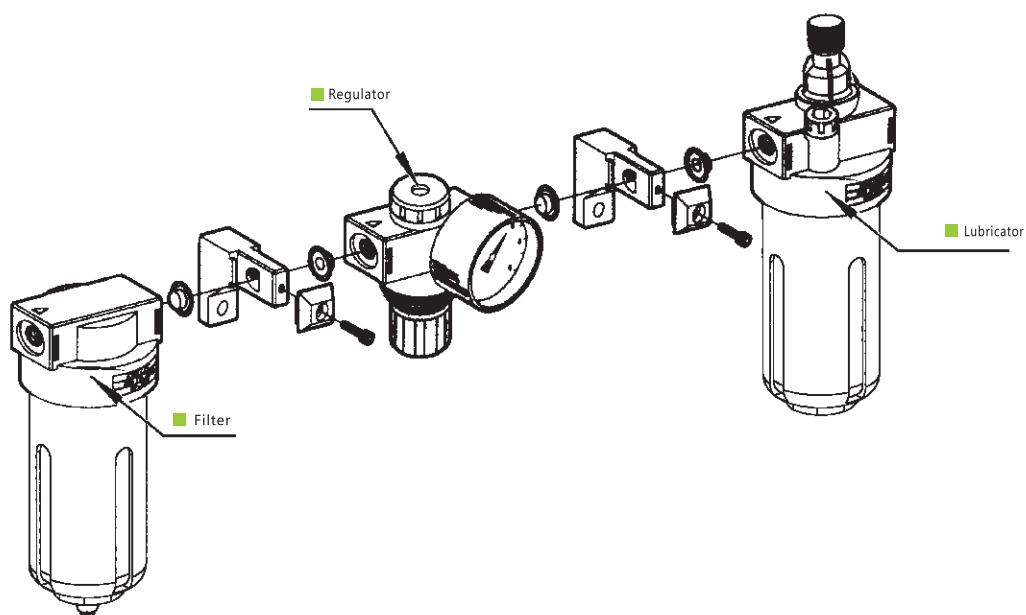


AR、BR Relief Valve ----- Optional(1/4",3/8",1/2") 060



AL、BL Atomized Lubricator ----- Optional(1/4",3/8",1/2") 061

AC、BC assembled sketch:



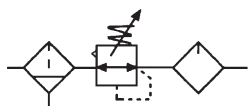
Filter+Regulator+Lubricator



Specification:

Type	AC2000A	BC2000A	BC3000A	BC4000A
Port size(G)	1/4"	1/4"	3/8"	1/2"
Gauge thread(G)	1/8"			
Fluid	Compressed air			
Operating pressure range(MPa)	0.15~0.85			
Max.Flow rate(L/min)	700	1400		
Ambient temperature(°C)	-10~60			
Filter precision	5μm or 40μm			
Oil recommended	ISO VG32			
Optional	-	●	●	●

Symbol:

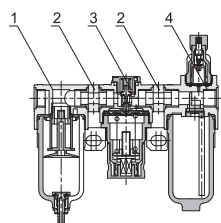


Product feature:

- 1.Oil dripping adopts the clearance seal to stabilize oil feeding.
- 2.Oil feeding is linear distribution and the quantity of oil is visible.
- 3.Fixed connection is fast reliable and easy for installation and using. Pressure adjust is stable and with high repeat precision.
- 4.High efficiency of removing water and solid particle.
- 5.Manual, differential pressure and automatic drain ways are optional.

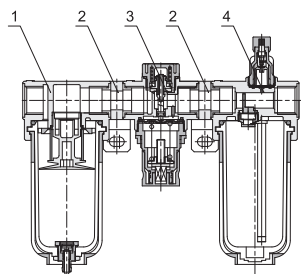
Inner structure drawing:

AC2000A



Number	Name
1	Filter
2	Connecting block
3	Regulator
4	Lubricator

BC2000A/3000A/4000A

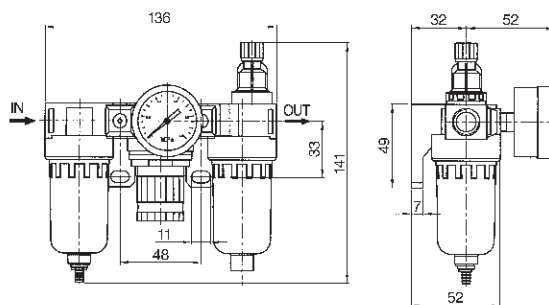


How to order:

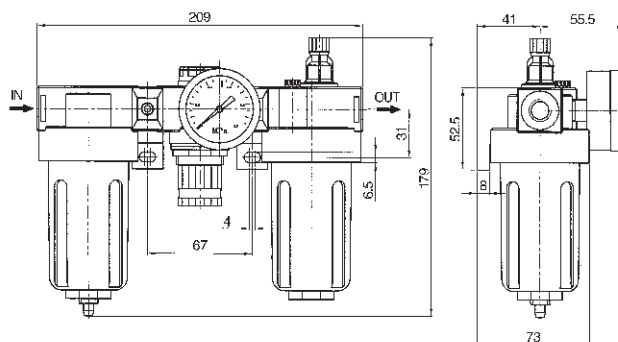
AC	2000	A	D
Specification	Port size	Drainage Method	Type
AC: Filter+Regulator+Lubricator BC: Filter+Regulator+Lubricator	2000: G1/4" 3000: G3/8" 4000: G1/2"	Blank: Differential pressure drain D: Auto-drain	Blank: Old type A: Improved type

Dimension(mm)

AC2000A



BC2000A/3000A/4000A



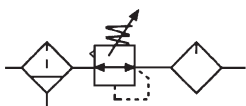
Filter Regulator+Lubricator



AFC
BFC



Symbol:



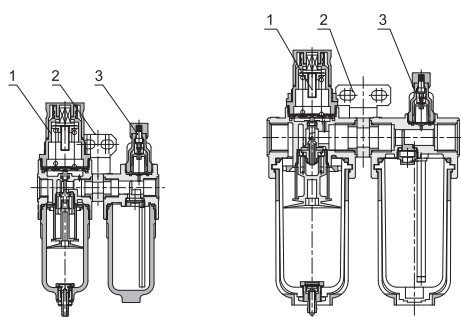
Product feature:

- 1.Oil dripping adopts the clearance seal to stabilize oil feeding.
- 2.Oil feeding is linear distribution and the quantity of oil is visible.
- 3.Fixed connection is fast reliable and easy for installation and using. Pressure adjust is stable and with high repeat precision.
- 4.High efficiency of removing water and solid particle.
- 5.Manual, differential pressure and automatic drain ways are optional.

Inner structure drawing:

AFC2000A

BFC2000A/3000A/4000A

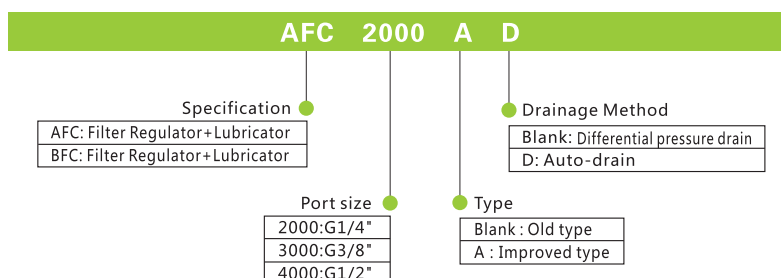


Number	Name
1	Connecting block
2	Filter Regulator
3	Lubricator

Specification:

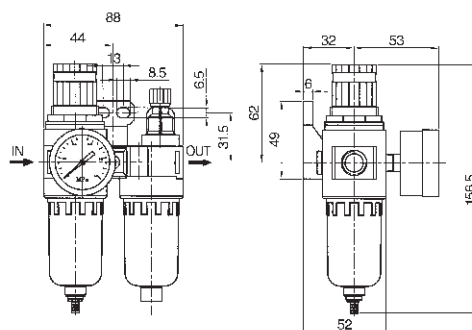
Type	AFC2000A	BFC2000A	BFC3000A	BFC4000A
Port size(G)	1/4"	1/4"	3/8"	1/2"
Gauge thread(G)	1/8"			
Fluid	Compressed air			
Operating pressure range(MPa)	0.15~0.85			
Max.Flow rate(L/min)	700	1400		
Ambient temperature(°C)	-10~60			
Filter precision	5μm or 40μm			
Oil recommended	ISO VG32			
Optional	-	●	●	●

How to order:

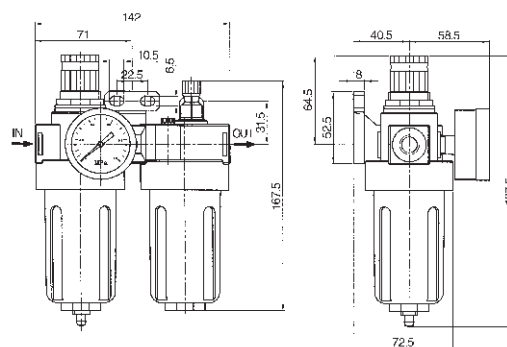


Dimension(mm)

AFC2000A



BFC2000A/3000A/4000A



Filter Regulator

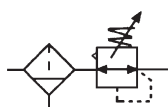


Specification:

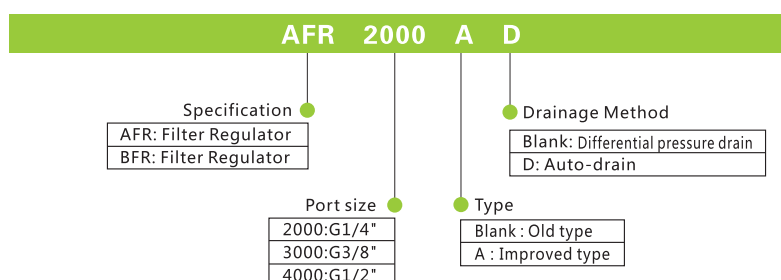
Type	AFR2000A	BFR2000A	BFR3000A	BFR4000A
Port size(G)	1/4"	1/4"	3/8"	1/2"
Gauge thread(G)	1/8"			
Fluid	Compressed air			
Operating pressure range(MPa)	0.15~0.85			
Max.Flow rate(L/min)	700	1400		
Ambient temperature(°C)	-10~60			
Filter precision	5μm or 40μm			
Optional	-	●	●	●



Symbol:



How to order:

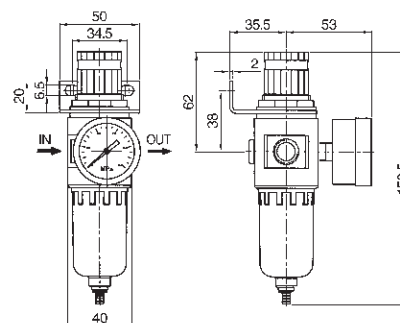


Product feature:

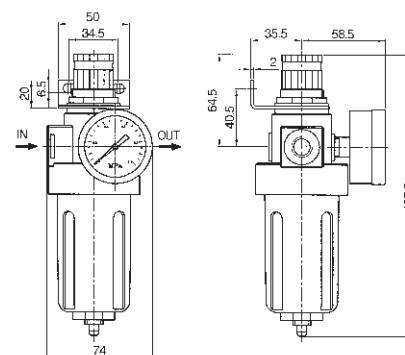
- 1.Hand wheel adopts the pressed self-locking mechanism to prevent the setting pressure from external disturbance and unusual action.
- 2.Pressure adjustment mechanism adopts the balance design with more stable adjustment and better characteristic.
- 3.Special guide structure makes the flowing gases spin properly to separate the water from gas and filter solid particle efficiently.
- 4.Filter precision 5 or 40 μm is optional.
- 5.Manual, differential pressure and automatic drain ways are optional.

Dimension(mm)

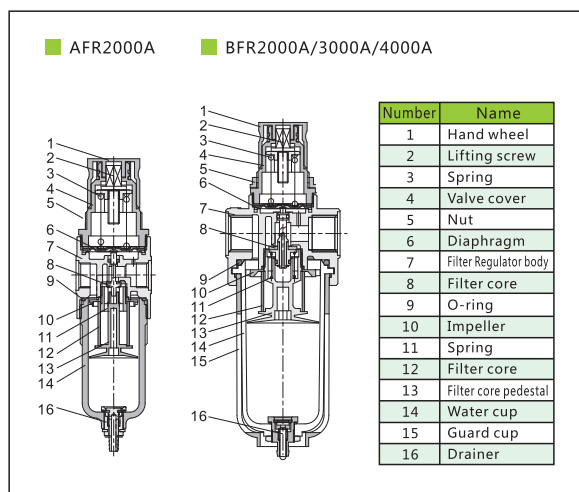
AFR2000A



BFR2000A/3000A/4000A



Inner structure drawing:



Filter



AF
BF



Specification:

Type	AF2000A	BF2000A	BF3000A	BF4000A
Port size(G)	1/4"	1/4"	3/8"	1/2"
Fluid	Compressed air			
Operating pressure range(MPa)	0.15~0.85			
Max.Flow rate(L/min)	700	1400		
Ambient temperature(°C)	-10~60			
Filter precision	5μm or 40μm			
Optional	-	●	●	●

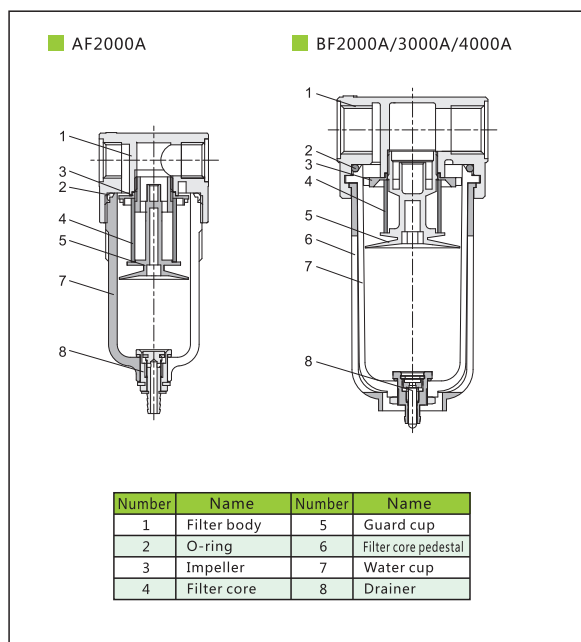
Symbol:



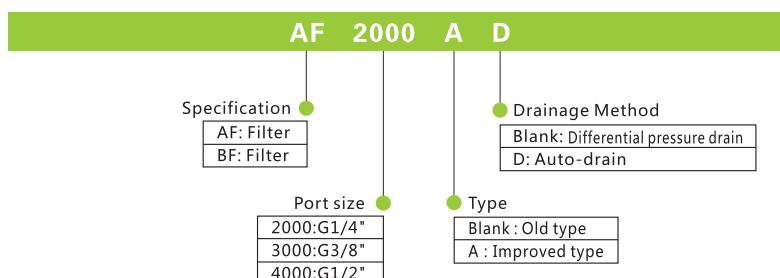
Product feature:

- 1.Special guide structure makes the flowing gases spin properly to separate the water from gas and filter solid particle efficiently.
- 2.Low pressure loss and high division efficiency.
- 3.Filter precision 5 or 40 μm is optional.
- 4.Manual, differential pressure and automatic drain ways are optional.

Inner structure drawing:

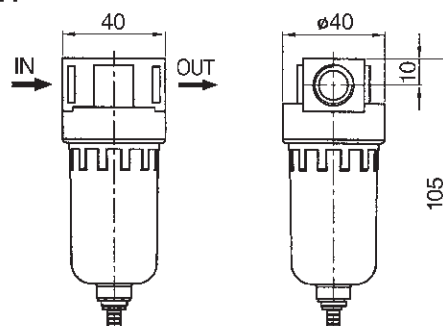


How to order:

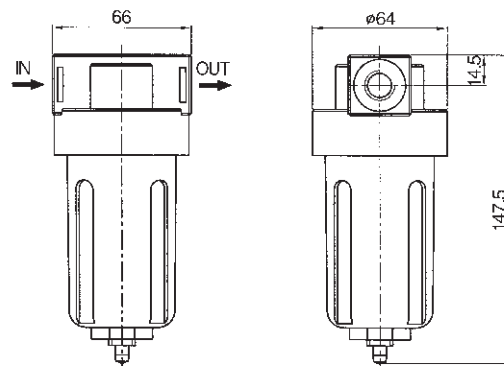


Dimension(mm)

AF2000A



BF2000A/3000A/4000A



Regulator



Specification:

Type	AR2000A	BR2000A	BR3000A	BR4000A
Port size(G)	1/4"	1/4"	3/8"	1/2"
Gauge thread(G)	1/8"			
Fluid	Compressed air			
Operating pressure range(MPa)	0.15~0.85			
Max.Flow rate(L/min)	700	1400		
Ambient temperature(°C)	-10~60			

How to order:

AR 2000 A			
Specification	AR: Regulator	Type	Blank: Old type
	BR: Regulator		A: Improved type
Port size	2000:G1/4"		
	3000:G3/8"		
	4000:G1/2"		

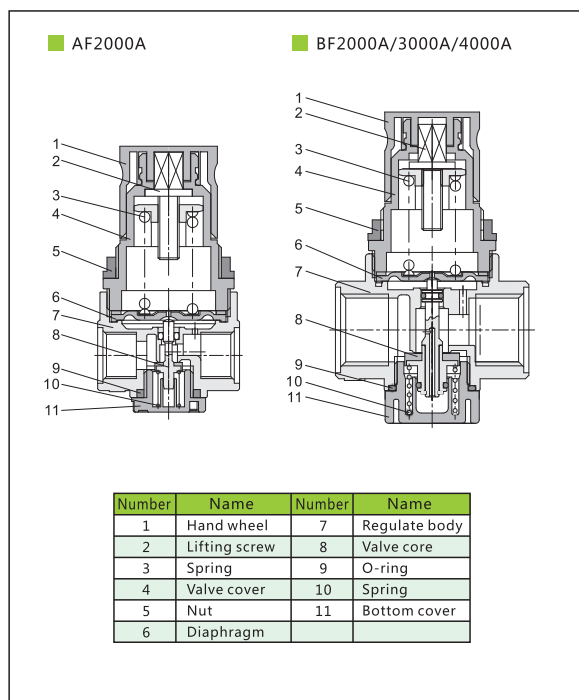
Symbol:



Product feature:

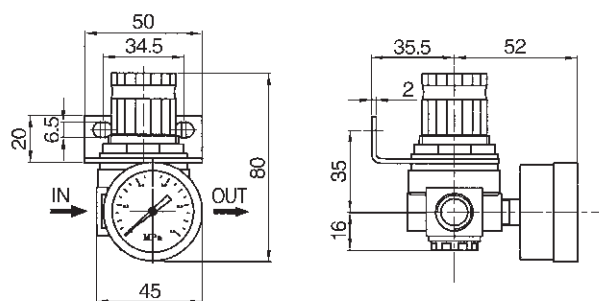
1. Hand wheel adopts the pressed self-locking mechanism to prevent the setting pressure from external disturbance and unusual action.
2. Pressure adjustment mechanism adopts the balance design with more stable adjustment and better characteristic.
3. Besides panel-mounting, fixed bracket installation is optional.

Inner structure drawing:

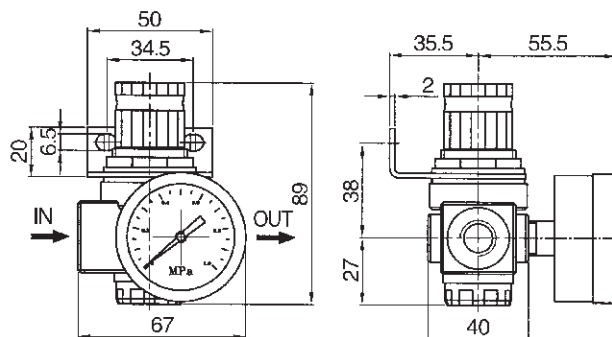


Dimension(mm)

AR2000A



BR2000A/3000A/4000A



Lubricator



AL
UL



Symbol:



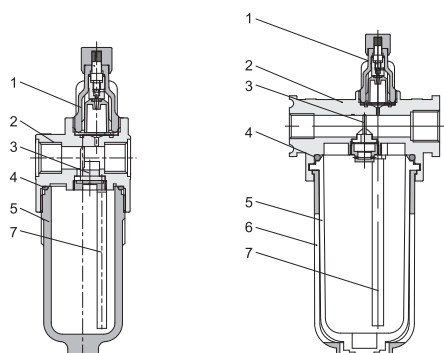
Product feature:

- 1.Oil dripping adopts the clearance seal to stabilize oil feeding.
- 2.Oil feeding is linear distribution and the quantity of oil is visible.
- 3.Special oil dripping structure leads to negative pressure at the exit of oil dripping and low fog flow.

Inner structure drawing:

AL2000A

BL2000A/3000A/4000A



Number	Name	Number	Name
1	Oil window	5	Oil cup
2	Lubricator body	6	Guard cup
3	Damping fin	7	Oil tube
4	O-ring		

Specification:

Type	AL2000A	BL2000A	BL3000A	BL4000A
Port size(G)	1/4"	1/4"	3/8"	1/2"
Fluid	Compressed air			
Operating pressure range(MPa)	0.15~0.85			
Max.Flow rate(L/min)	700	1400		
Ambient temperature(°C)	-10~60			
Oil recommended	ISO VG32			
Optional	-	●	●	●

How to order:

AL 2000 A

Specification

AL: Lubricator
BL: Lubricator

Type

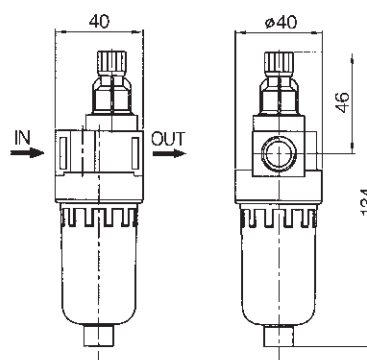
Blank : Old type
A : Improved type

Port size

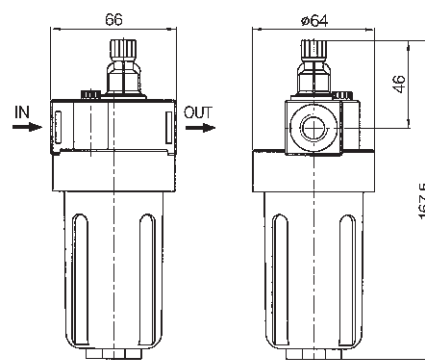
2000:G1/4"
3000:G3/8"
4000:G1/2"

Dimension(mm)

AL2000A

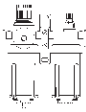


BL2000A/3000A/4000A





QFC Filter Regulator+Lubricator ----- Optional(1/4") 063



SFC Filter Regulator+Lubricator ----- Optional(1/4",3/8",1/2") 064



IR Precision Relief Valve ----- (1/4",3/8",1/2") 065



F.R.L.



AD Auto-drainer ----- (3/8",1/2") 067



AR2000J Filter Regulator ----- (1/4") 068



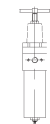
QFH Filter Regulator ----- (1/8",1/2") 069



QTYH High Regulator ----- (1/4",3/8",1/2",3/4",1") 070



QSLH High Filter ----- (1/4",3/8",1/2",3/4",1") 071



QFRH Regulator ----- (1/4",3/8",1/2",3/4",1") 072



GS、GF Gauge ----- 073

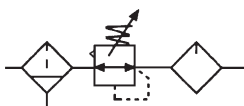
Other Products ----- 074

Filter Regulator+Lubricator、Filter Regulator



QFC
QFR

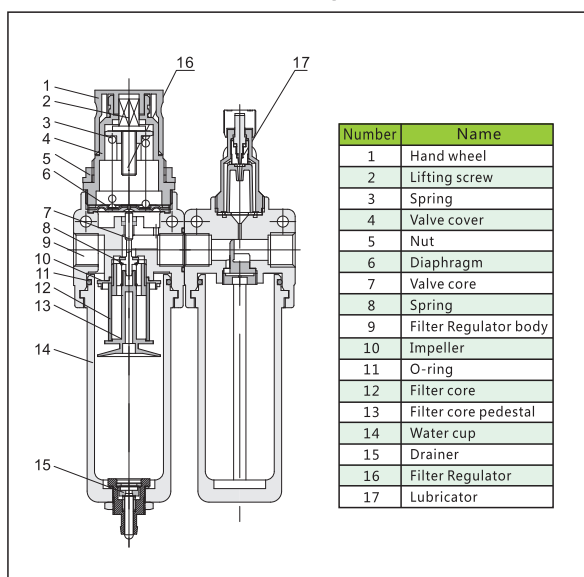
Symbol:



Product feature:

- 1.Oil dripping adopts the clearance seal to stabilize oil feeding.
- 2.Oil feeding is linear distribution and the quantity of oil is visible.
- 3.Fixed connection is fast reliable and easy for installation and using. Pressure adjust is stable and with high repeat precision.
- 4.High efficiency of removing water and solid particle.
- 5.Filter precision 5 or 40 μ m is optional.
- 6.Manual, differential pressure and automatic drain ways are optional.

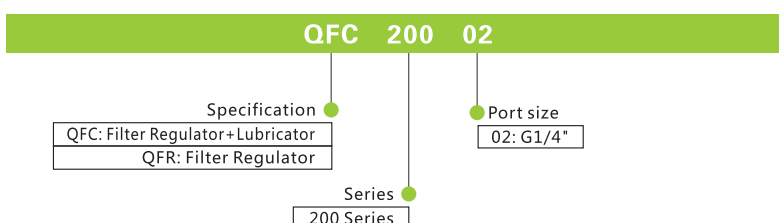
Inner structure drawing:



Specification:

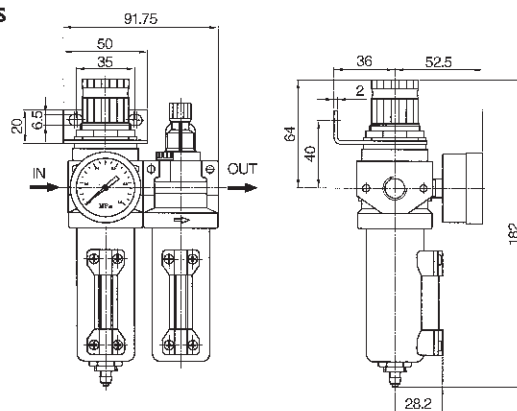
Type	QFC200-02	QFR200-02
Port size(G)	1/4"	
Gauge thread(G)	1/8"	
Fluid	Compressed air	
Operating pressure range(MPa)	0.15~0.85	
Max.Flow rate(L/min)	800	
Ambient temperature(°C)	-10~60	
Filter precision	5 μ m or 40 μ m	
Oil recommended	ISO VG32	

How to order:

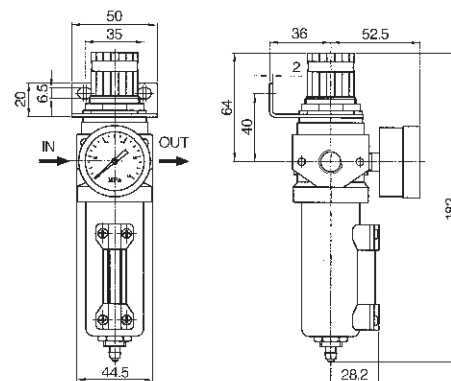


Dimension(mm)

QFC Series



QFR Series



Filter Regulator+Lubricator、Filter Regulator



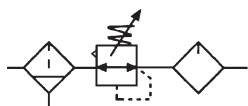
Specification:

Type	SFC-02	SFC-03	SFC-04
	SFR-02	SFR-03	SFR-04
Port size(G)	1/4"	3/8"	1/2"
Gauge thread(G)	1/8"		
Fluid	Compressed air		
Operating pressure range(MPa)	0.15~0.85		
Max.Flow rate(L/min)	1400		
Ambient temperature(°C)	-10~60		
Filter precision	5μm or 40μm		
Oil recommended	ISO VG32		



SFC
SFR

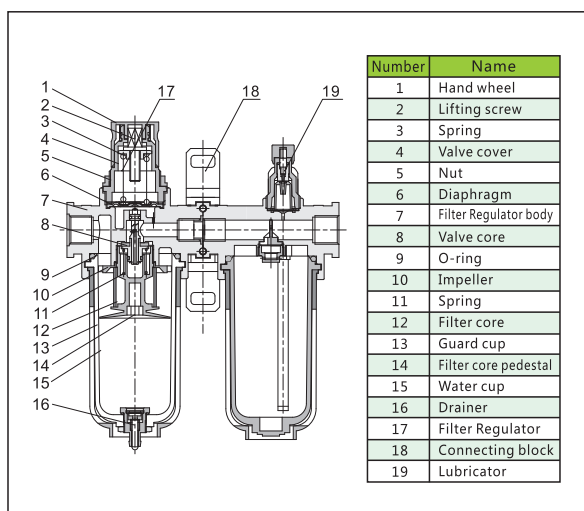
Symbol:



Product feature:

- 1.Oil dripping adopts the clearance seal to stabilize oil feeding.
- 2.Oil feeding is linear distribution and the quantity of oil is visible.
- 3.Fixed connection is fast reliable and easy for installation and using. Pressure adjust is stable and with high repeat precision.
- 4.High efficiency of removing water and solid particle.
- 5.Filter precision 5 or 40 μm is optional.
- 6.Manual, differential pressure and automatic drain ways are optional.

Inner structure drawing:

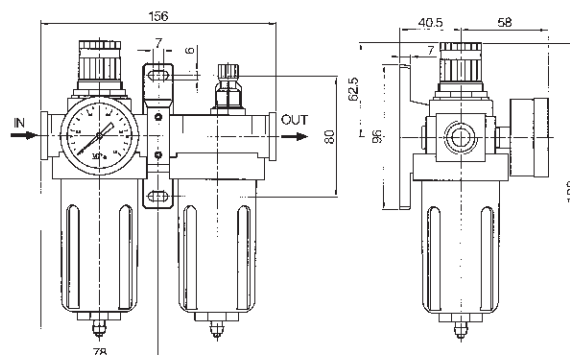


How to order:

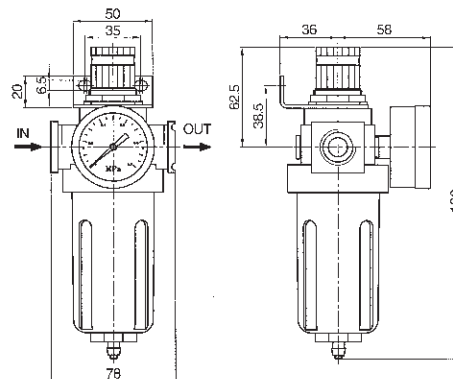
SFC 02	
Specification	Port size
SFC: Filter Regulator+Lubricator	02: G1/4"
SFR: Filter Regulator	03: G3/8"
	04: G1/2"

Dimension(mm)

SFC Series



SFR Series



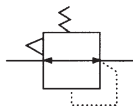
Precision Regulator



IR



Symbol:



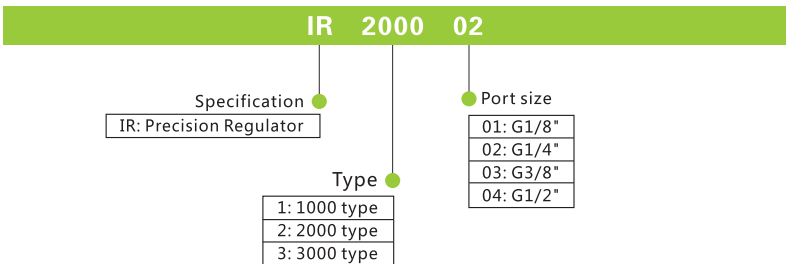
Product feature:

- 1.Compact and light weight.
- 2.Flow rate is 20% higher than that of traditional ones(Max.Flow Rate:1 l/min).
- 3.Exhaust rate is 5 times higher that of traditional ones.
- 4.Precise pressure setting.
- 5.Easy for mounting,capable of mounting individually,together with modular filter combination and mounting on panel.
- 6.Piloted exhaust and main exhaust are separated.
- 7.Applicable for clean room.

Specification:

Type	IR10□0-01	IR20□0-02	IR30□0-02/03/04
Port size(G)	01:1/8", 02:G1/4", 03:G3/8", 04:G1/2"		
Fluid	Compressed air		
Operating pressure range MPa	IR1000:0.005~0.2 IR1010:0.01~0.4 IR1020:0.01~0.8	IR2000:0.005~0.2 IR2010:0.01~0.4 IR2020:0.01~0.8	IR1000:0.01~0.2 IR1010:0.01~0.4 IR1020:0.01~0.8
Ambient temperature(°C)	-5~60		
Sensitivity	Within 0.2% of full scale		
Repeated precision	Winthin ±0.5% of full scale		
Airconsumption(At the pressure of 1.0Mpa)	Max.within4.4min(ANR)	Max.within4.4min(ANR)	Max.within11.5min(ANR)

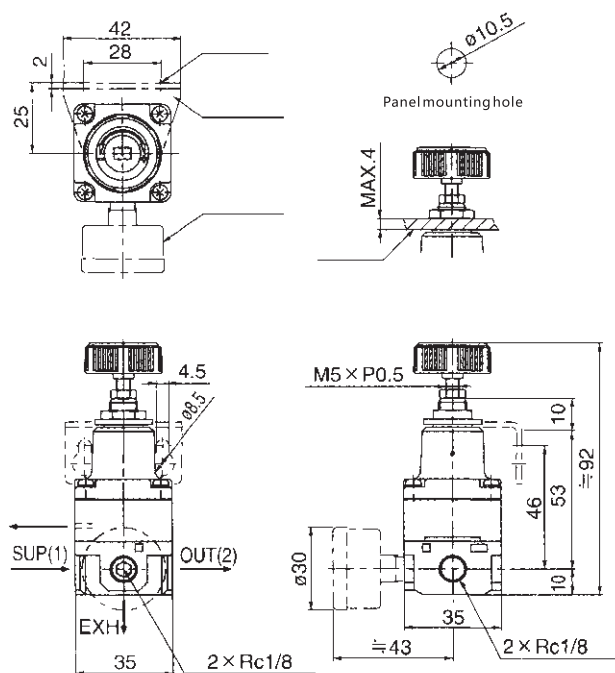
How to order:



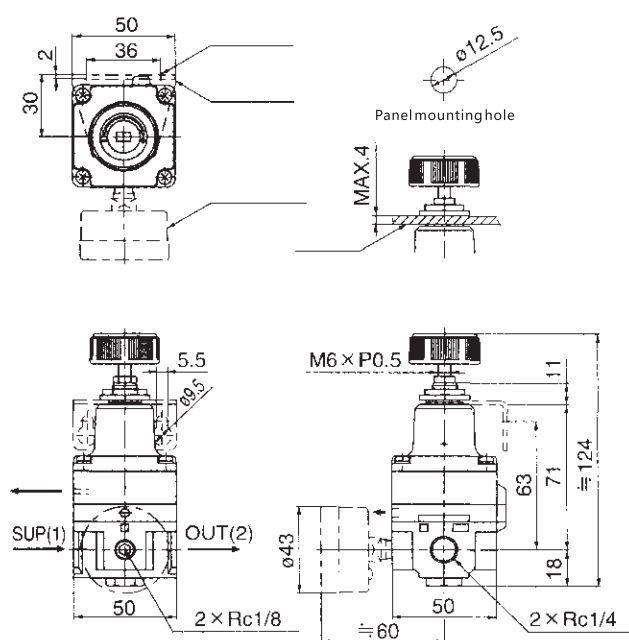
Precision Regulator

Dimension(mm)

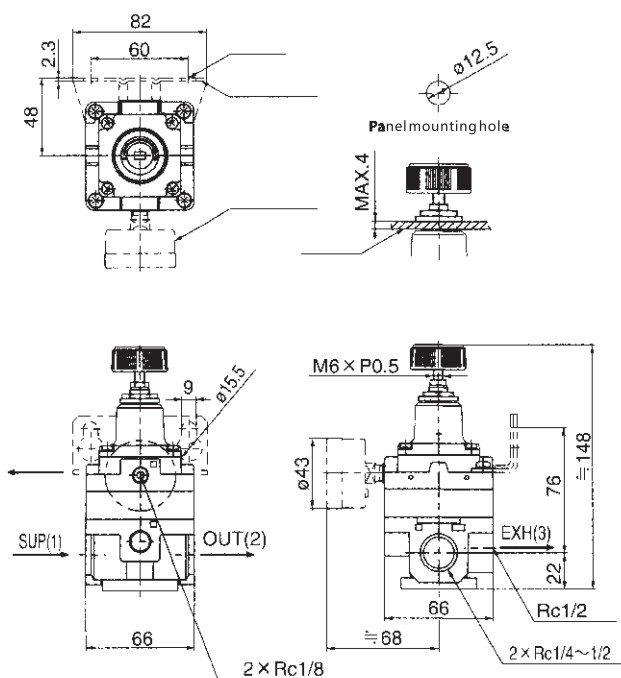
IR10□0-01



IR20□0-02



IR30□0-02, 03, 04



Auto-drainer



AD



Symbol:



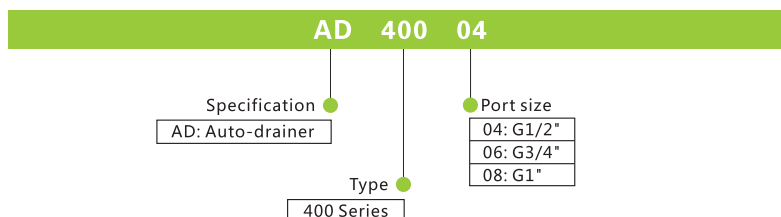
Product feature:

It is usually used to automatically drain water at low points of air system including pipes, air dryer, oil and water separator, air tank and various air filters, suitable to be mounted at places not convenient for manual water discharge, i.e. high and low points or places with small space, especially where air flow is high and water discharge is frequent, to prevent compressed air from re-contamination in case operator forget to discharge the water.

Specification:

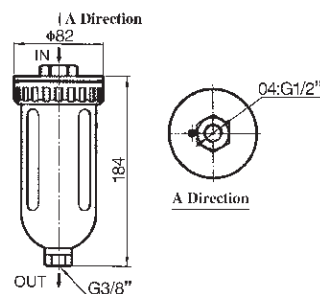
Type	AD400-04	AD400-06, 08
Fluid	Compressed air	
Input Port size(G)	1/2"	3/4", 1"
Output Port size(G)	3/8"	1/8"
Operating pressure range(MPa)	0.1~1	
Ambient temperature(°C)	-5~60	

How to order:

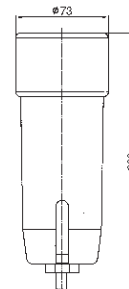


Dimension(mm)

AD400-04



AD400-06, 08



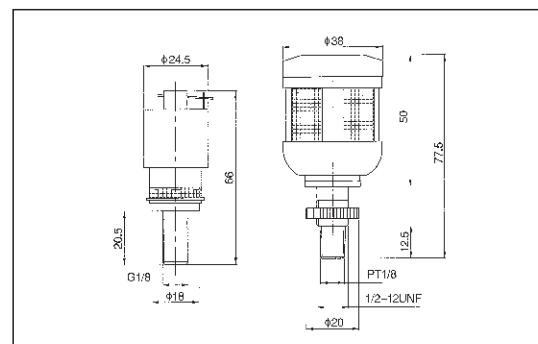
Automatic drainer



Product feature:

It is mounted at the bottom of automatic drainer, air filter, and the bowl of compressed air relief valve, to automatically discharge the accumulated condensate.

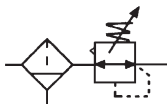
Dimension(mm)



Filter Regulator



Symbol:



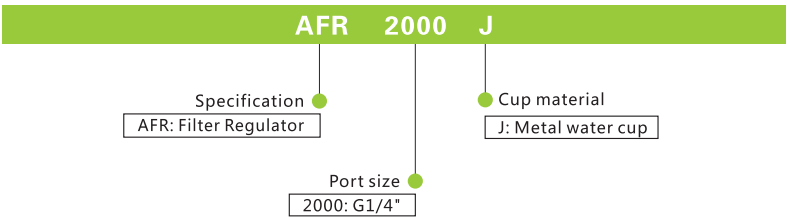
Product feature:

- 1.Hand wheel adopts the pressed self-locking mechanism to prevent the setting pressure from external disturbance and unusual action.
- 2.Pressure adjustment mechanism adopts the balance design with more stable adjustment and better characteristic.
- 3.Special guide structure makes the flowing gases spin properly to separate the water from gas and filter solid particle efficiently.
- 4.Filter precision 5 or 40 μm is optional.
- 5.Manual, differential pressure and automatic drain ways are optional.

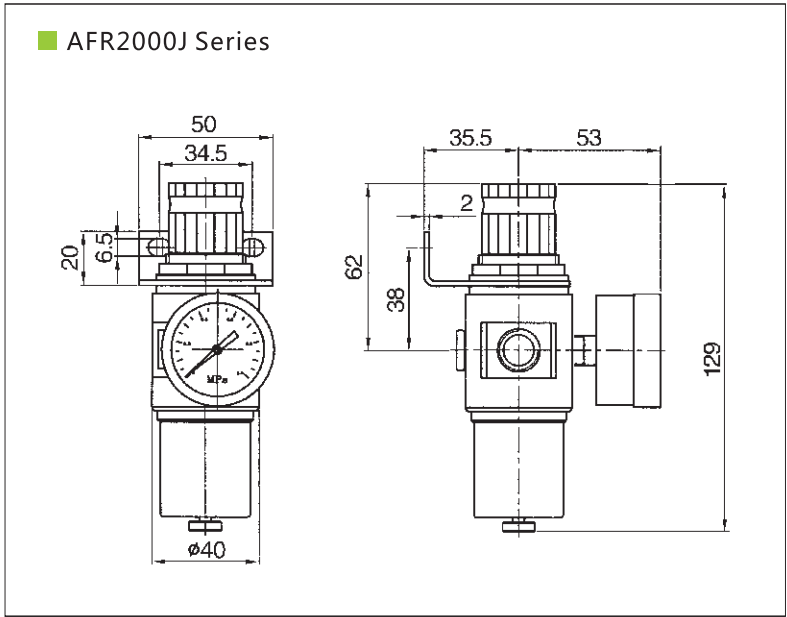
Specification:

Type	AFR2000J
Port size(G)	1/4"
Gauge thread(G)	1/8"
Fluid	Compressed air
Filter precision	5μm or 40μm
Operating pressure range(MPa)	0.1~0.85
Ambient temperature(°C)	-5~60
Max.Flow rate(L/min)	650
Drain	Manual & differential pressure drain

How to order:



Dimension(mm)



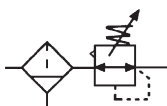
Filter Regulator



QFH



Symbol:



Product feature:

1. Pressure adjustment mechanism adopts the balance design with more stable adjustment and better characteristic.
2. Special guide structure makes the flowing gases spin properly to separate the water from gas and filter solid particle efficiently.
3. Filter precision 5 or 40 μm is optional.
4. Manual, differential pressure and automatic drain ways are optional.

Specification:

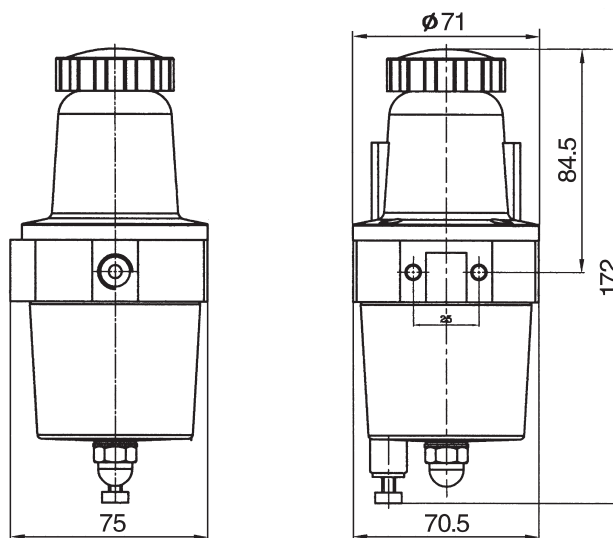
Type	QFH1300-01/02	QFH1310-01/02	QFH1320-01/02
Port size(G)	01:G1/8", 02:G1/4"		
Fluid	Compressed air		
Filter precision	5 μm or 40 μm		
Operating pressure range(MPa)	0.05~0.2	0.05~0.4	0.05~0.8
Ambient temperature($^{\circ}\text{C}$)	-5~60		
Drain	Manual		

How to order:

QFH 1300 02		
Specification	Port size	Settled pressure
QFH: Filter Regulator	01: G1/8" 02: G1/4"	1300: 0.2MPa 1310: 0.4MPa 1320: 0.8MPa

Dimension(mm)

QFH Series



High Pressure Regulator



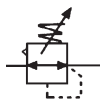
Specification:

Type	QTYH-02	QTYH-03	QTYH-04	QTYH-06	QTYH-08
Port size(G)	1/4"	3/8"	1/2"	3/4"	1"
Max.working pressure(MPa)	4				
Operating pressure range(MPa)	0.05~3				
Fluid	Compressed air				
Ambient temperature(°C)	-5~60				

How to order:

QTY H 04				
QTY: High Pressure Regulator	Specification	Pressure type	H: High Pressure	Port size
				02: G1/4"
				03: G3/8"
				04: G1/2"
				06: G3/4"
				08: G1"

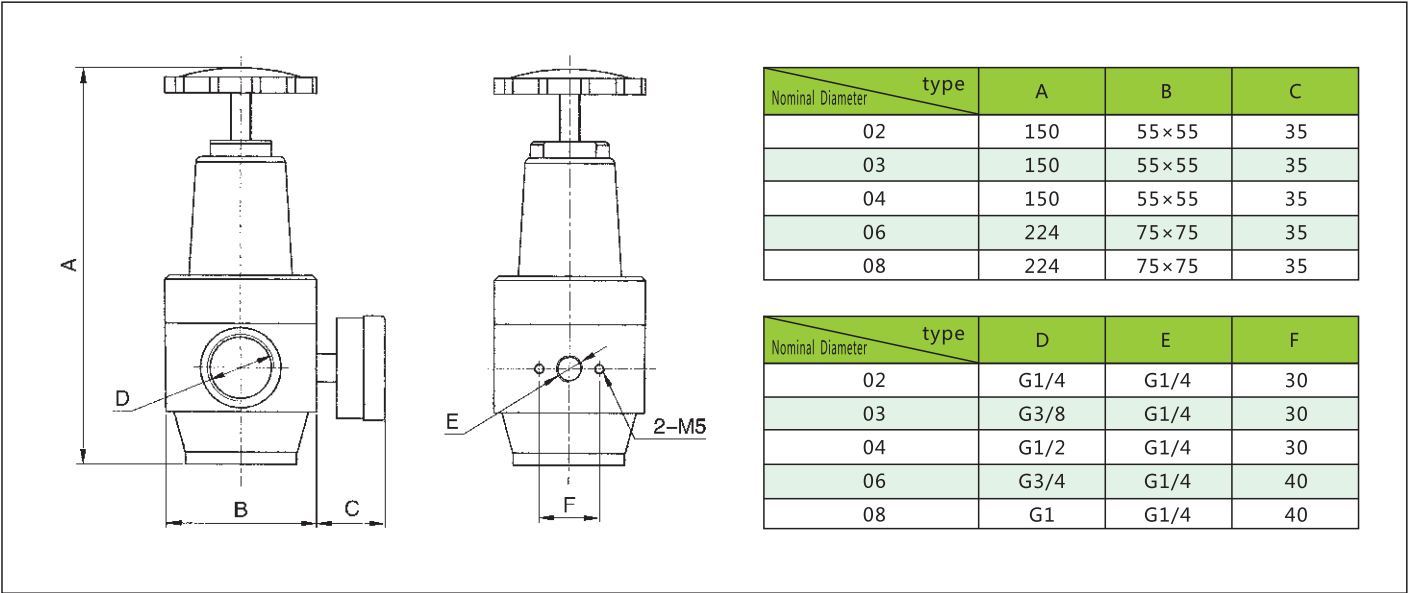
Symbol:



Product feature:

- 1.Compressed air can be adjusted from 4MPa to 3MPa and kept steady-going

Dimension(mm)



High Pressure Filter



QSLH



Symbol:

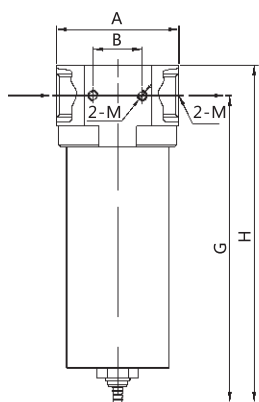


Product feature:

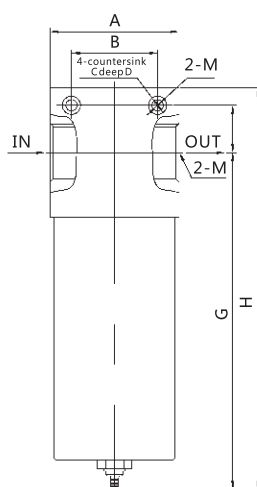
1. It's suitable to filter the solid and fluent impurity the compressed air below 4 MPa.

Dimension(mm)

QSLH-02、03、04



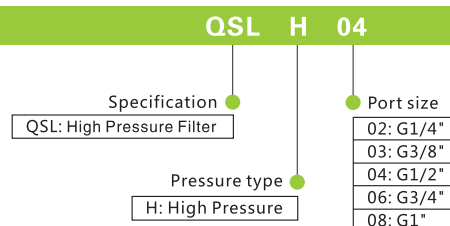
QSLH-06、08



Specification:

Type	QSLH-02	QSLH-03	QSLH-04	QSLH-06	QSLH-08
Prot size (G)	1/4"	3/8"	1/2"	3/4"	1"
Fluid	Compressed air				
Ambient temperature(°C)	-5~60				
Max.working pressure(MPa)	4				
Operating pressure range(MPa)	0.05~3				
Filter precision	5μm or 40μm				

How to order:



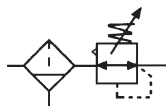
Nominal Diameter	type	A	B	C	D	E
02		60×55	24	-	-	-
03		60×55	24	-	-	-
04		60×55	24	-	-	-
06		75×75	50	10.5	6.5	6.5
08		75×75	50	10.5	6.5	6.5

Nominal Diameter	type	F	G	H	M
02		-	150.5	165.5	G1/4
03		-	150.5	165.5	G3/8
04		-	150.5	165.5	G1/2
06		27.5	195.5	233	G3/4
08		27.5	195.5	233	G1

High Pressure Regulator



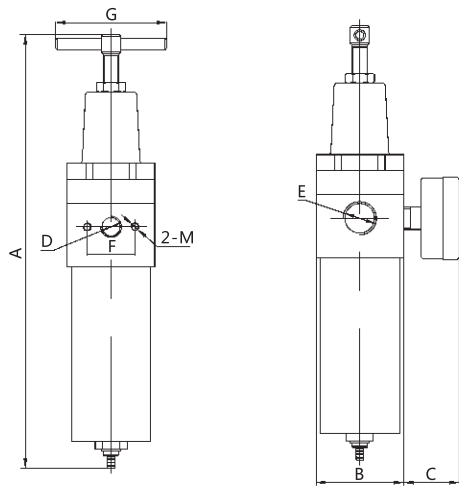
Symbol:



Product feature:

- 1.Compressed air can be adhusted from 4MPa to 3MPa and kept steady-going
- 2.It's suitable to filter the solid and fluent impurity the compressed air below 4 MPa.

Dimension(mm)



Nominal Diameter	type	A	B	C
02		273	55×55	35
03		273	55×55	35
04		273	55×55	35
06		383	75×75	35
08		383	75×75	35

Nominal Diameter	type	D	E	F	G
02		G1/4	G1/4	30	70
03		G1/4	G3/8	30	70
04		G1/4	G1/2	30	70
06		G1/4	G3/4	40	100
08		G1/4	G1	40	100

Specification:

Type	QFRH-02	QFRH-03	QFRH-04	QFRH-06	QFRH-08
Prot size (G)	1/4"	3/8"	1/2"	3/4"	1"
Fluid	Compressed air				
Max.working pressure(MPa)	4				
Operating pressure range(MPa)	0.05~3				
Ambient temperature(°C)	-10~70				

How to order:

QFR H 04				
Specification		Port size		
QFR: High Pressure Regulator		02: G1/4"		
		03: G3/8"		
		04: G1/2"		
		06: G3/4"		
		08: G1"		
Pressure type				
H: High Pressure				



Gauge



Gauge

Specification:

Type	GM-10	GS-40	GS-50	GH-40	GH-50	GF-40	GF-50	GF-60
Prot size (G)	-	1/4"	1/4"	1/8"	1/4"	1/8"	1/4"	1/4"
Fluid	Compressed air							
Operating pressure range(MPa)	0~10							
Max.working pressure(MPa)	1							
Ambient temperature(°C)	-10~70							

How to order:

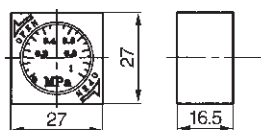
G S 40	
Series	Outer diameter
G: Gauge	40: Φ42mm
	50: Φ52mm
	60: Φ62mm
Type code	
M: Embed square gauge	
S: Axial	
H: Radial	
F: Panel mounting	

Symbol:

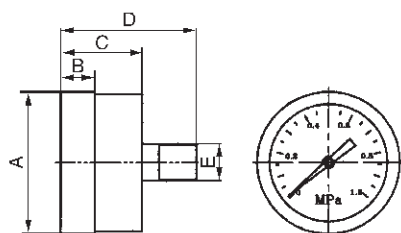


Dimension(mm)

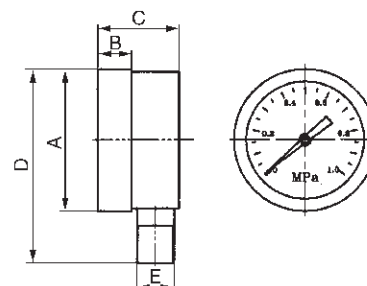
GM Series



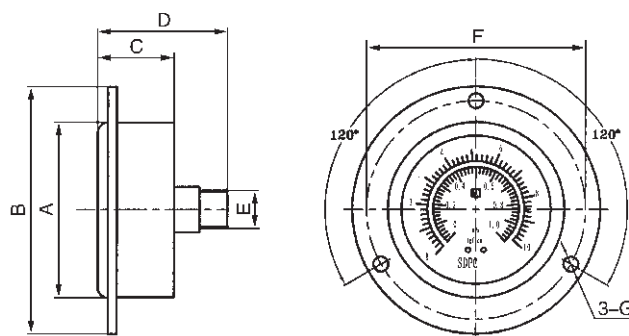
GS Series



GH Series

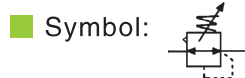


GF Series

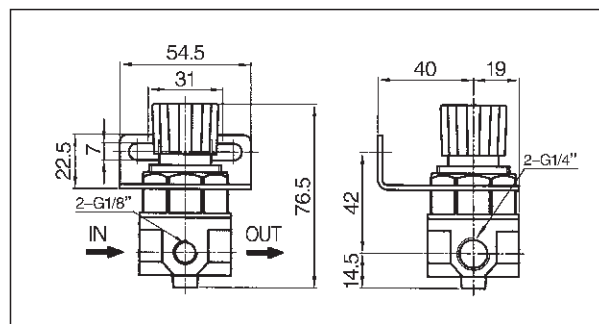


Type	A	B	C	D	E	F	G
GS-40	42	9	24	41	G1/4	-	-
GS-50	52	9	25	42	G1/4	-	-
GH-40	42	9	24	56	G1/8	-	-
GH-50	52	9	25	71	G1/4	-	-
GF-40	42	60	25	42	G1/8	53	3.1
GF-50	52	72	26	43	G1/4	62	4.2
GF-60	62	84	29	46	G1/4	72	5

R200 Regulator

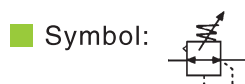


■ Dimension(mm)

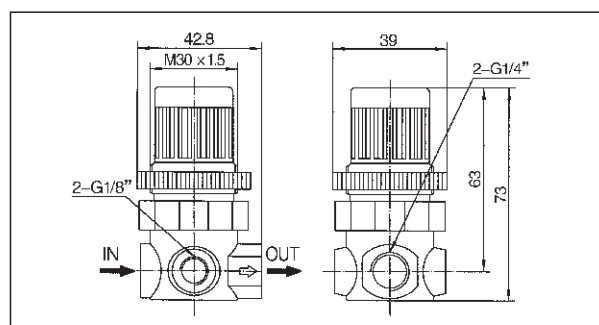


OTHER

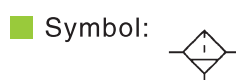
R07 Regulator



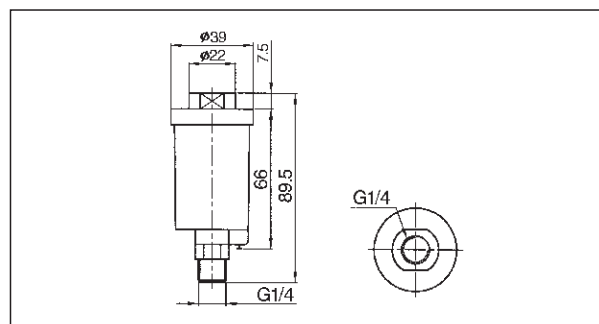
■ Dimension(mm)



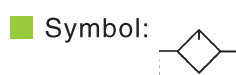
ZF-02 Filter



■ Dimension(mm)



ZL-02 Oiler



■ Dimension(mm)

