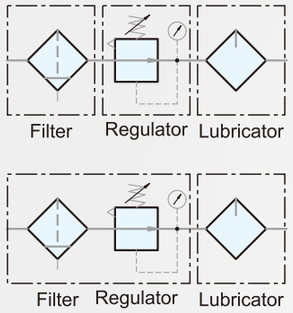
Symbol



Features

- Remove water and particle effectively.
- Compact size with effective air service.
- 40μm and 5μm filter element are easily interchangeable and replaceable.
- Accurate and easy pressure setting.
- Oil spray in mist ensures good lubrication for machines.
- Strict quality control offers product stable quality and long life.

Miniature FRL A type patent
Patent number in Taiwan: 1888494
Patent number in the US.: US6.733.044
Patent number in China: 538716

How to order

FRL700A — 02 N C B H A K

FRL700A	Miniature Filter+ Regulator+Lubricator
FRL600A	Miniature Filter Regulator+Lubricator

Port size	
01	1/8"
02	1/4"

Thread	
Blank	G
N	NPT
R	Rc

Filtration	
PE	
Blank	5 μm
C	40 μm
Sintered brass	
S	5 μm
T	40 μm

Gauge type	
Blank	Circle
B	Square

Drain	
Blank	Semi-auto drain
H	Manual drain
D	Auto drain

Bowl	
Blank	Standard bowl
A	Anti-acid & alkali bowl

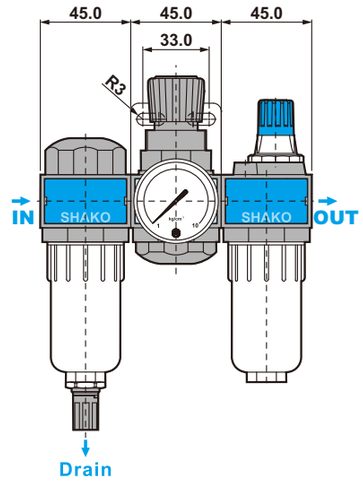
Bowl guard	
Blank	W/O guard
K	W/I guard

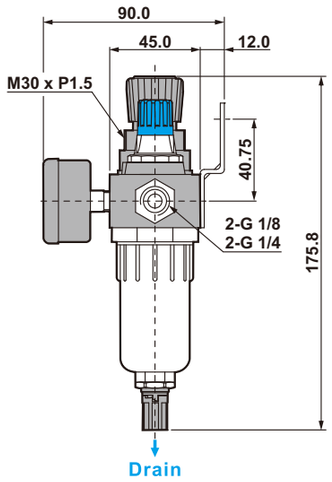
Specifications

Model	FRL700A-01	FRL700A-02	FRL600A-01	FRL600A-02
Port size	1/8"	1/4"	1/8"	1/4"
Fluid	Compressed air			
Regulator construction	Diaphragm			
Body material	Polycarbonate			
Bowl material	Polycarbonate (Standard)			
Filtration	PE: 5μm (Standard)、40μm (Option),Sintered brass(Option):5μm、40μm			
Operating pressure range	0.5 ~ 10 kgf/cm^2			
Proof pressure (Standard bowl)	12 kgf/cm^2			
Max. flow rate l/min (ANR)	1850		1650	1850
Ambient temperature	-10℃ ~ 60℃			
Lubricator oil (Recommended)	ISO-VG32			
Filter bowl capacity	35cc			
Lubricator bowl capacity	50cc			
Standard drain	Semi-auto drain (Drains below 0.5kgf/cm^2)			
Net weight	810g		560g	
Accessories	Pressure gauge, Mounting bracket, Plug, Screw x 2			

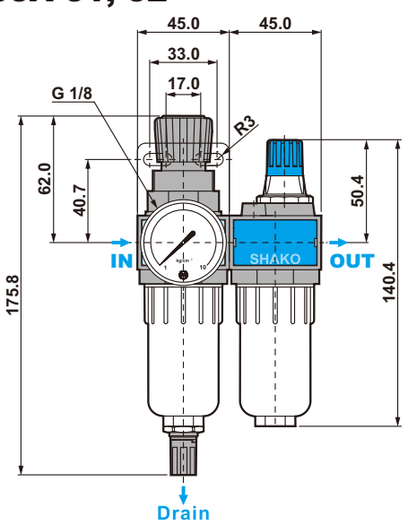
Dimensions

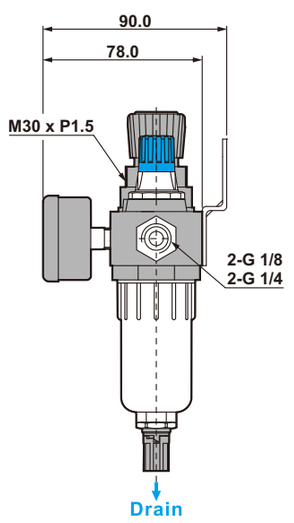
FRL700A-01, 02





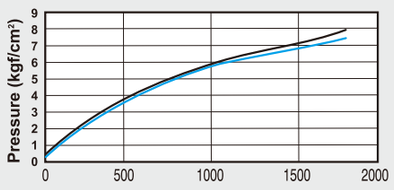
FRL600A-01, 02



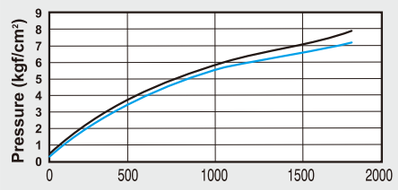


Flow chart

Model: FRL700A



Model: FRL600A



Note:

X axis: Flow (l/min)
Y axis: Pressure (kgf/cm^2)
Blue line (P0) = Outlet pressure
Black line (P1) = Inlet pressure
P1-P0=Pressure range