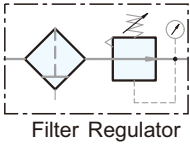


Miniature Filter Regulator



Symbol



Features

1. Remove water and particle effectively.
2. Compact size with effective air service.
3. 40µm and 5µm filter element are easily interchangeable and replaceable.
4. Accurate and easy pressure setting.

How to order

FR500A	—	02	N	C	H	A	K
Miniature Filter Regulator	Port size	Thread	Filtration	Drain	Bowl	Bowl guard	
FR500A : 0.5~9.9kgf/cm ²	01 : 1/8"(option)	Blank :G	PE	Blank :Semi-auto drain	Blank : Standard bowl	Blank :W/O guard	
FR500AL4 : 0.5~4kgf/cm ²	02 : 1/4"	N :NPT	Blank :5µm	H :Manual drain	A :Anti-acid & alkali bowl	K :W/l guard	
FR500AL2 : 0.5~2kgf/cm ²		R :Rc	C :40µm	D :Auto drain			
			Sintered brass				
			S :5µm				
			T :40µm				

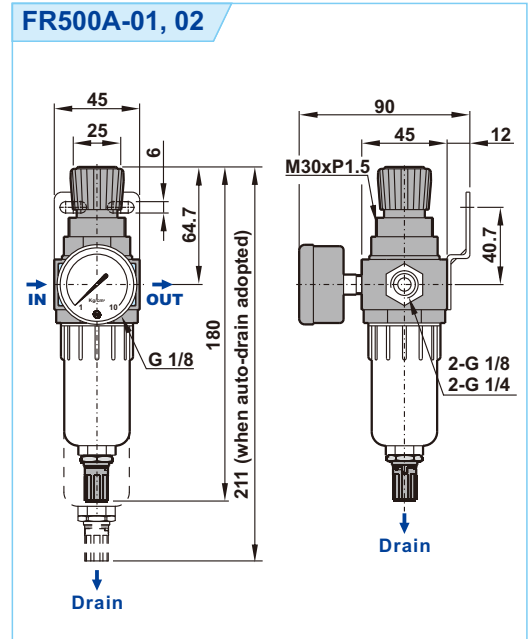
Please contact our sales for non-relieving type.

*For non-relieving type, the secondary pressure is not allowed to be exhausted when it is higher than setting pressure.

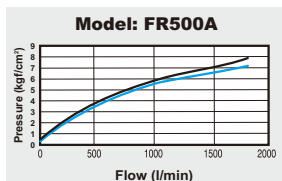
Specifications

Model	FR500A-01	FR500A-02
Port size	1/8" (option)	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 ~ 9.9 kgf/cm ² (L4:4.0 kgf/cm ² , L2:2.0 kgf/cm ²)	
Max. inlet pressure	12 kgf/cm ²	
Max. flow rate l/min (ANR) 40µm	1840	1940
Ambient temperature	-10°C ~ 60°C	
Filter bowl capacity	35cc	
Standard drain	Semi-auto drain (Drains below 0.5kgf/cm ²)	
Net weight	370g	
Accessories	Pressure gauge, Mounting bracket set, Plug	

Dimensions



Flow chart



Note:

X axis: Flow (l/min)

Y axis: Pressure (kgf/cm²)

Blue line (P0) = Outlet pressure

Black line (P1) = Inlet pressure

P1-P0=Pressure range