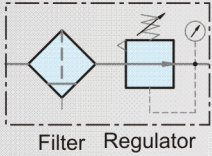


Symbol



Filter Regulator

Features

- * Remove water and particle effectively.
- * Compact size with effective air service.
- * 40 μ m and 5 μ m filter element are easily interchangeable and replaceable.
- * Accurate and easy pressure setting.



How to order

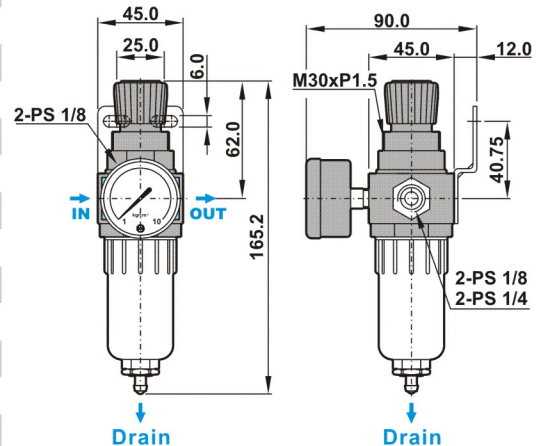
FR500A	—	02	N	C	H	K
Miniature Filter Regulator		Port size	Thread	Filtration	Drain	Bowl guard
		01 1/8" Option	Blank PS	Blank 5 μ m	Blank Semi-auto drain	Blank W/O guard
		02 1/4" Standard	N NPT	C 40 μ m	H Manual drain	K W/I guard

Specifications

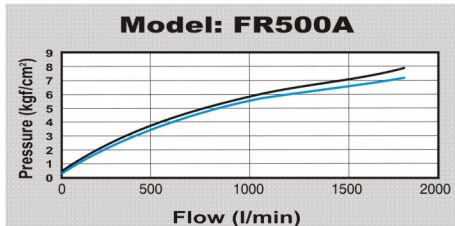
Model	FR500A-01	FR500A-02
Port size	1/8" [Option]	1/4" [Standard]
Fluid	Compressed air	
Regulator construction	Diaphragm	
Body material	Polycarbonate	
Bowl material	Polycarbonate (Standard)	
Filtration	5 μ m (Standard) · 40 μ m (Option)	
Operating pressure range	0.5 ~ 10 kgf/cm ²	
Max. inlet pressure (Standard bowl)	12 kgf/cm ²	
Max. flow rate l/min (6kgf/cm ²)	1840	1940
Ambient temperature	-10 $^{\circ}$ C ~ 60 $^{\circ}$ C	
Filter bowl capacity	35cc	
Standard drain	Semi-auto drain (Drains below 0.5kgf/cm ²)	
Net weight	370g	
Accessories	Pressure gauge, Mounting bracket, Plug, Screw x 2	

Dimensions

FR500A-01, 02



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