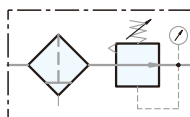


Miniature Filter Regulator

Air Treatments
F.R.L Combination

Symbol



Filter Regulator

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

FR500C	—	02	N	C	B	H
Miniature Filter Regulator		Port size	Thread	Filtration	Gauge type	Drain
		01 : 1/8"(option) 02 : 1/4"	Blank : G N : NPT R : Rc	PE Blank : 5µm C : 40µm Sintered brass S : 5µm T : 40µm	Blank : Circle B : Square	Blank : Semi-auto drain H : Manual drain D : Auto drain

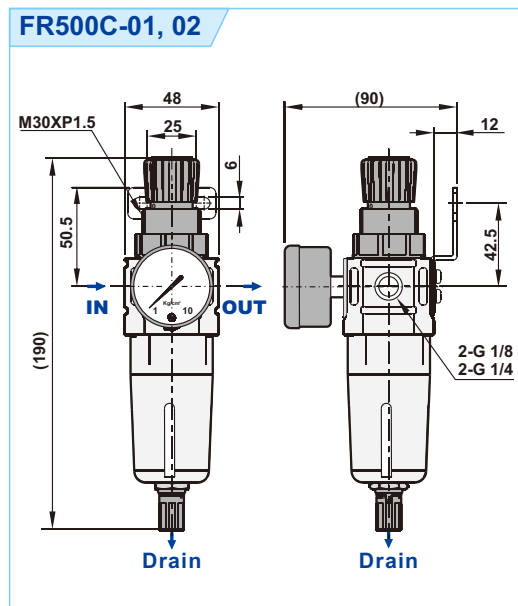
Please contact our sales for non-relieving type.

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

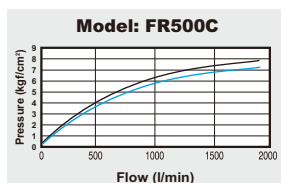
Specifications

Model	FR500C-01	FR500C-02
Port size	1/8" (option)	1/4"
Fluid	Compressed air	
Regulator construction	Piston	
Body material	Aluminum die-cast	
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	
Max. inlet pressure	12 kgf/cm ²	
Max. flow rate l/min (ANR) 40µm	1800	1880
Ambient temperature	-10°C ~ 60°C	
Filter bowl capacity	40cc	
Standard drain	Semi-auto drain (Drains below 0.5kgf/cm ²)	
Net weight	365g	
Accessories	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