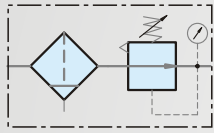


Symbol



Filter Regulator

Features

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

How to order

FR500C

02

N

C

G

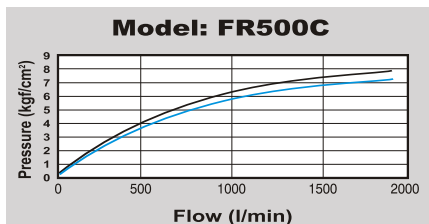
H

Miniature Filter Regulator		Port size		Thread		Filtration		Gauge type		Drain	
FR	Filter Regulator	01	1/8" Option	Blank	G	Blank	5 μm	Blank	Square	Blank	Semi-auto drain
		02	1/4" Standard	N	NPT	C	40 μm	G	Circle	H	Manual drain

Specifications

Model	FR500C-01	FR500C-02
Port size	1/8" [Option]	1/4" [Standard]
Fluid	Compressed air	
Regulator construction	Diaphragm	
Body material	Aluminum die-cast	
Bowl material	Polycarbonate (Standard)	
Filtration	5 μm (Standard) - 40 μm (Option)	
Operating pressure range	0.5 ~ 9.9 kgf/cm ²	
Proof pressure(Standard bowl)	12 kgf/cm ²	
Max. flow rate l/min (ANR)	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, Plug, Screw x 2	
Option	Mounting nut	

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



Dimensions

FR500C-01, 02

