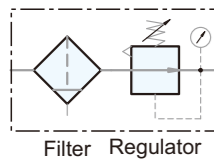


U Series Filter Regulator

Symbol



Features

1. Remove water and particle effectively.
2. 40µm and 5µm filter element are easily interchangeable and replaceable.
3. Accurate and easy pressure setting.

How to order

UFR	-	02	N	C	H	A
Filter Regulator	Port size	Thread	Filtration	Drain	Bowl	
	02 : 1/4"	Blank : G	PE	Blank : Semi-auto drain	Blank : Standard bowl	
	03 : 3/8"	N : NPT	Blank : 5µm	H : Manual drain	A : Anti-acid & alkali bowl	
	04 : 1/2"	R : Rc	C : 40µm	D : Auto drain	AL : Aluminum bowl (1/4"~1/2")	
	06 : 3/4"		Sintered brass			
	08 : 1"		S : 5µm			
			T : 40µm			

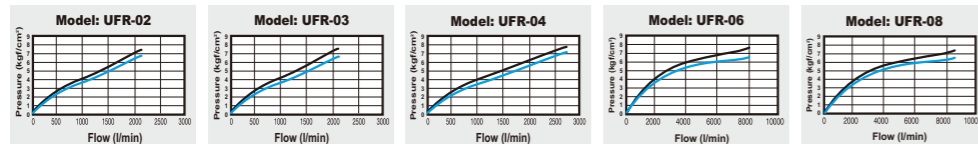
Please contact our sales for non-relieving type.

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

Specifications

Model	UFR-02	UFR-03	UFR-04	UFR-06	UFR-08
Port size	1/4"	3/8"	1/2"	3/4"	1"
Fluid	Compressed air				
Regulator construction	Piston				
Body material	Aluminum die-cast				
Bowl material	Polycarbonate (Standard), Anti-acid & alkali bowl (Option), Aluminum bowl (Option)				
Filtration	PE: 5µm (Standard), 40µm (Option); Sintered brass (Option): 5µm, 40µm				
Operating pressure range	0.5 ~ 9.9 kgf/cm ²				
Max. inlet pressure	15 kgf/cm ²				
Max. flow rate l/min (ANR)	2080	2100	2600	7940	8200
Ambient temperature	-10°C ~ 60°C				
Filter bowl capacity	105cc			210cc	
Standard drain	Semi-auto drain (Drains below 0.5kgf/cm ²)				
Net weight	930g (W/I Aluminum bowl, 1230g)			1360g	
Accessories	Pressure gauge, Mounting bracket set, Plug				

Flow chart

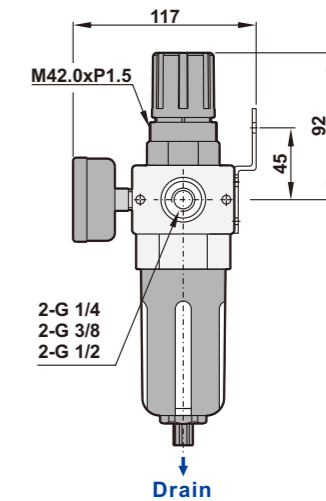
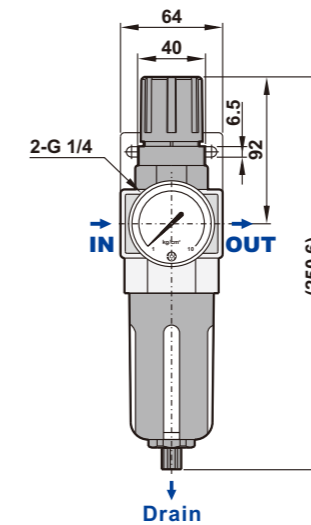


Note:

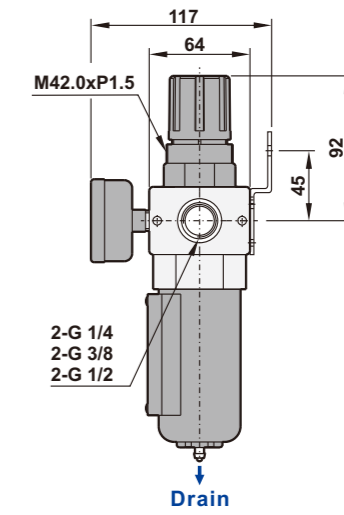
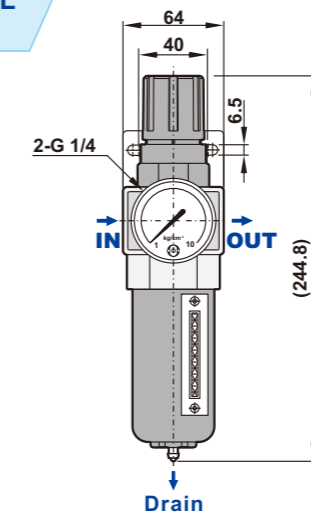
X axis: Flow (l/min)
 Y axis: Pressure (kgf/cm²)
 Blue line (P0) = Outlet pressure
 Black line (P1) = Inlet pressure
 P1-P0 = Pressure range

Dimensions

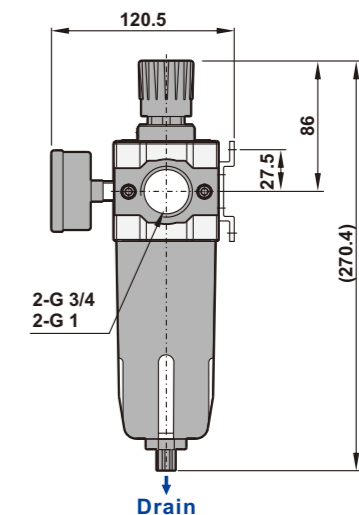
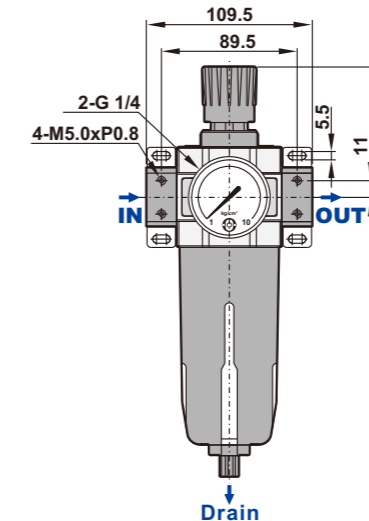
UFR-02, 03, 04



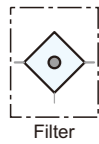
UFR-02AL, 03AL, 04AL (Aluminum bowl)



UFR-06, 08



Symbol



Features

1. UMF series effectively removes oil, water, carbon and particle.
2. With 0.01µm glass fiber filter element.
3. High quality control ensures stable running and long life.
4. Convenient to see air quality from pressure indicator, prevent the filter element from clogging.



Note: Please install air filter UF series upstream to extend life of filter element.

How to order

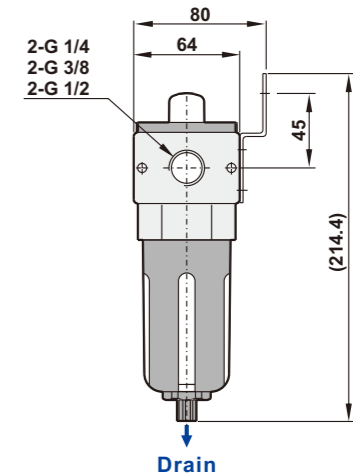
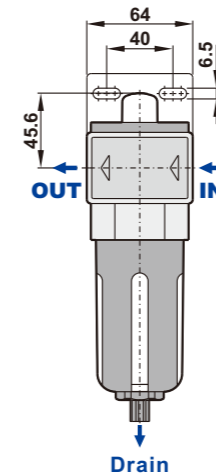
UMF	Port size	Thread	Filtration	Drain	Mounting	Bowl
02	1/4"	Blank : G	Blank : 0.01µm	Blank : Semi-auto drain	Blank : W/O bracket	Blank : Standard bowl
03	3/8"	N : NPT	L : 0.1µm	H : Manual drain	B : W/I bracket	A : Anti-acid & alkali bowl
04	1/2"	R : Rc	K : 0.01µm Activated charcoal filter element			AL : Aluminum bowl (1/4", 3/8", 1/2")
06	3/4"					
08	1"					

Specifications

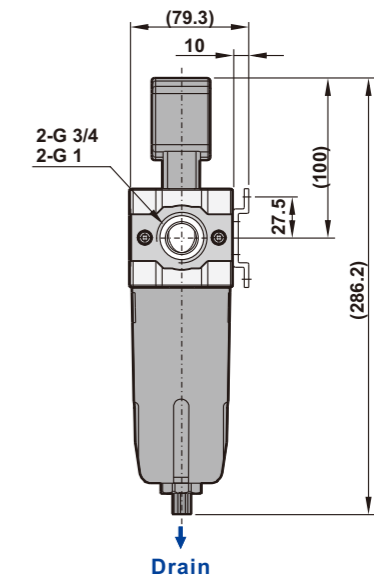
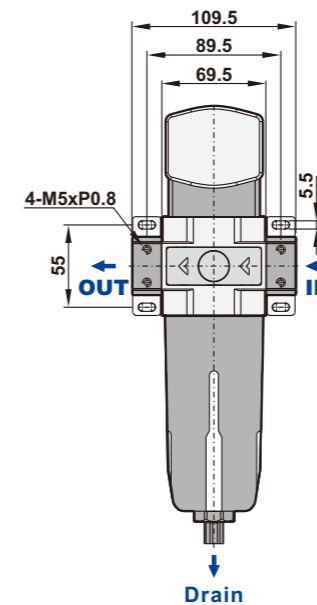
Model	UMF-02	UMF-03	UMF-04	UMF-06	UMF-08
Port size	1/4"	3/8"	1/2"	3/4"	1"
Fluid	Compressed air				
Body material	Aluminum die-cast				
Bowl material	Polycarbonate (Standard), Anti-acid & alkali bowl (Option), Aluminum bowl (Option)				
Filtration	0.01µm				
Operating pressure range	0.5 ~ 9.9 kgf/cm ²				
Proof pressure (Standrd bowl)	15 kgf/cm ²				
Max. flow rate l/min(ANR)	2050	2100	2150	3800	3850
Ambient temperature	-10℃ ~ 60℃				
Filter bowl capacity		65cc			115cc
Standard drain		Semi-auto drain (Drains below 0.5kgf/cm ²)			
Net weight		600g			1200g
Option		Mounting bracket set			

Dimensions

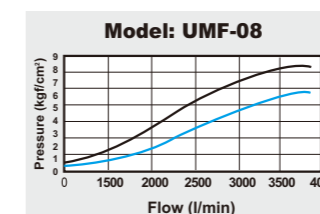
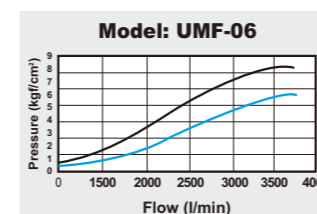
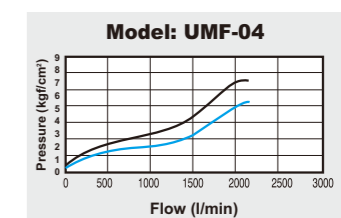
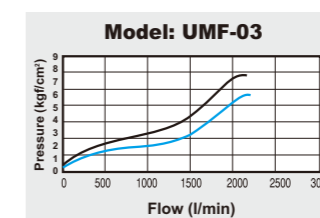
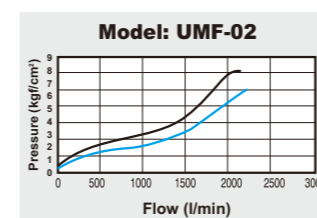
UMF-02, 03, 04



UMF-06, 08



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