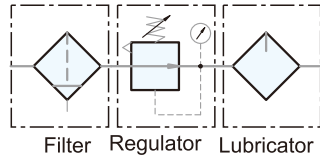


U Series F.R.L Combination

Filter + Regulator + Lubricator (3 units style)

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.
4. Lubricator oil can be replenished without stopping air supply.
5. Oil spray in mist ensures good lubrication for machines.
6. Anti-acid & Alkali bowl and aluminum bowl provide excellent protection in organic chemistry working environments.
(Please contact our sales for more inquiries.)



*Lubricator oil (Recommended): ISO-VG32

How to order

UFRL	02	N	C	H	A	SB
F.R.L combination	Port size	Thread	Filtration	Drain	Bowl	Spacer block
Filter+Regulator	02 : 1/4"	Blank : G	PE	Blank : Semi-auto drain	Blank : Standard bowl	Blank : W/O
+Lubricator	03 : 3/8"	N : NPT	Blank : 5μm	H : Manual drain	A : Anti-acid & alkali bowl	Spacer block
	04 : 1/2"	R : Rc	C : 40μm	D : Auto drain	AL : Aluminum bowl (1/4"~1/2")	SB : Spacer block
	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.

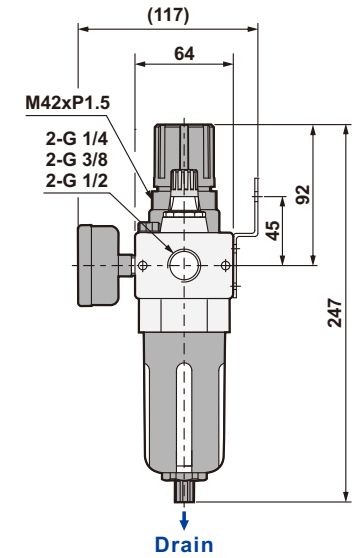
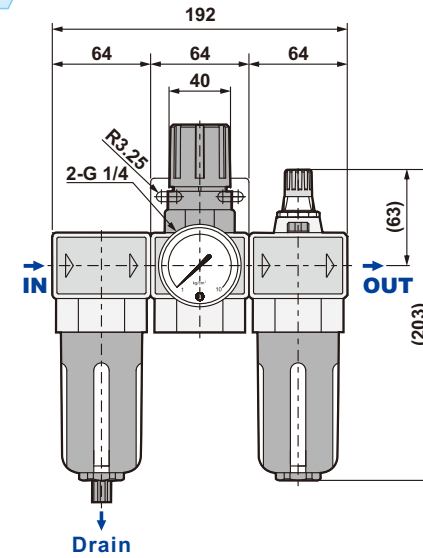
※ Note: Please see page 1-85 for ordering spacer block separately.

Specifications

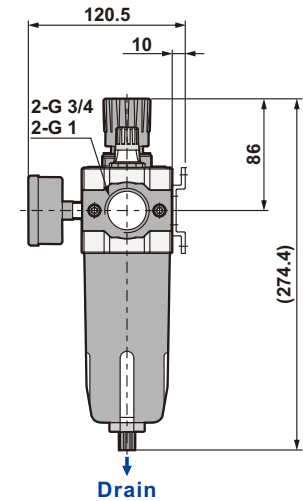
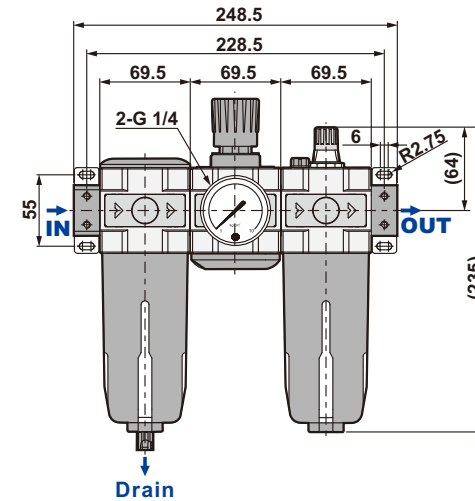
Model	UFRL-02	UFRL-03	UFRL-04	UFRL-06	UFRL-08
Port size	1/4"	3/8"	1/2"	3/4"	1"
Fluid	Compressed air				
Regulator construction	Piston				
Body material	Aluminum die-cast				
Bowl material	Polycarbonate (Standard), Anti-acid & alkali bowl (Option), Aluminum bowl (Option)				
Filtration	PE: 5μm (Standard), 40μm (Option); Sintered brass(Option):5μm, 40μm				
Operating pressure range	0.5 ~ 10 kgf/cm²				
Max. inlet pressure	15 kgf/cm²				
Max. flow rate l/min (ANR)	2080	2100	2600	7940	8200
Ambient temperature	-10℃ ~ 60℃				
Filter bowl capacity	105cc			210cc	
Lubricator bowl capacity	125cc			235cc	
Standard drain	Semi-auto drain (Drains below 0.5kgf/cm²)				
Net weight	1800g (W/I Aluminum bowl 2100g)			2650g	
Accessories	Pressure gauge, Mounting bracket set, Plug				

Dimensions

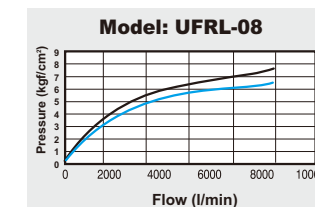
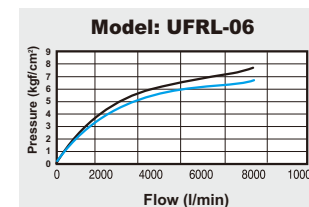
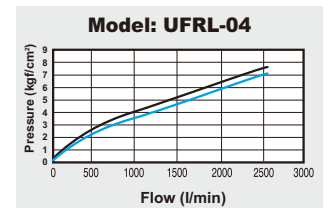
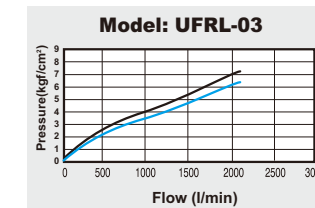
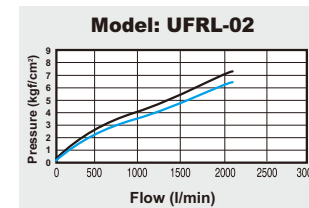
UFRL-02, 03, 04



UFRL-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