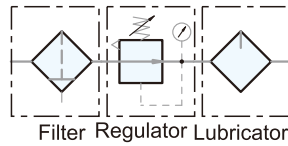


■ Symbol



■ 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

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

Please contact our sales for non-relieving type.

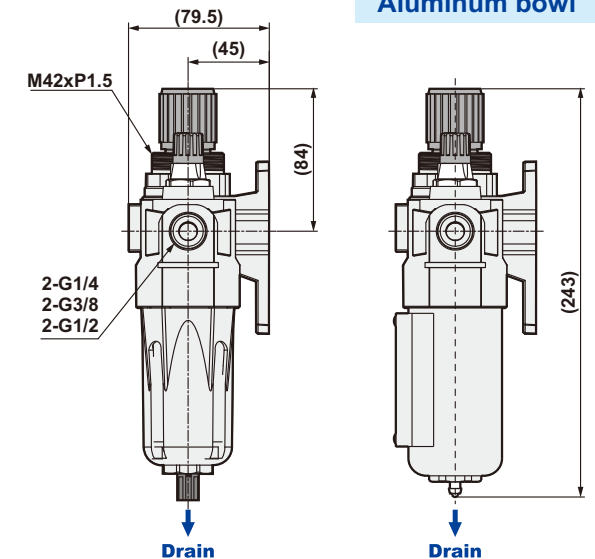
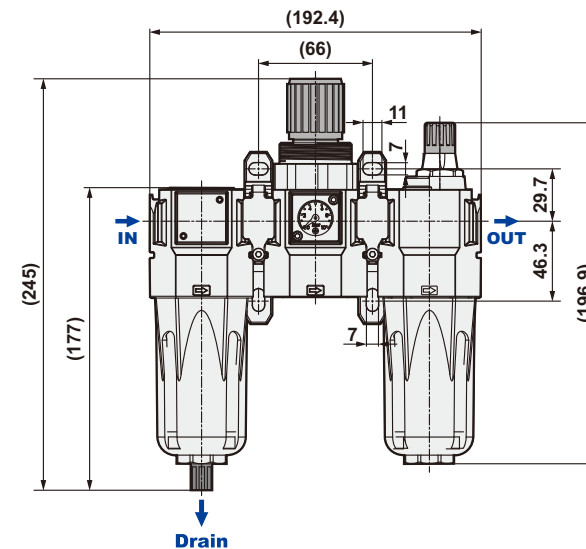
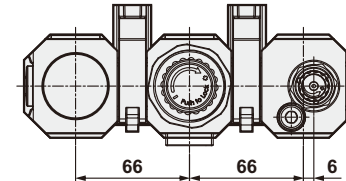
*For non-relieving type, the secondary pressure is not allowed to be exhausted when it is higher than setting pressure.

■ Specifications

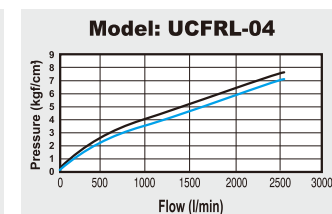
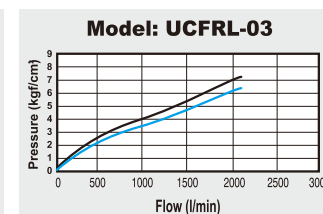
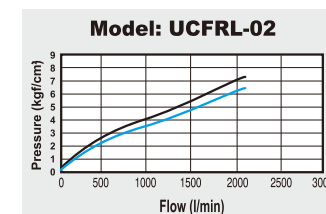
Model	UCFRL-02	UCFRL-03	UCFRL-04
Port size	1/4"	3/8"	1/2"
Fluid	Compressed air		
Regulator construction	Piston		
Body material	Aluminum die-cast		
Bowl material	Polycarbonate (Standard), Anti-acid & alkali bowl (Option), Aluminum bowl (Option)		
Filtration	PE: 5μm (Standard),40μm (Option); Sintered brass(Option):5μm,40μm		
Operating pressure range	0.5 ~ 9.9 kgf/cm ²		
Max. inlet pressure	15 kgf/cm ²		
Max. flow rate l/min (ANR) 40μm	2080	2100	2600
Ambient temperature	-10℃ ~ 60℃		
Filter bowl capacity	105cc		
Lubricator bowl capacity	125cc		
Standard drain	Semi-auto drain (Drains below 0.5kgf/cm ²)		
Net weight	2000g (Al bowl 2600g)		
Option	Spacer block		

■ Dimensions

UCFRL-02, 03, 04



■ **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