

EQUIPOS DE PROTECCIÓN EN ACERO INOXIDABLE

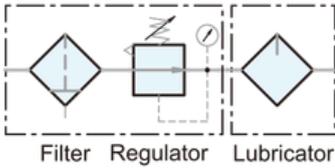
FRL - FILTRO REGULADOR -
LUBRICADOR - REGULADOR

ACERO INOXIDABLE SUS316
ROSCAS ¼ - 1"



CE Ex II 2G Ex h IIC T4 Gb
II 2D Ex h IIIC T135°C I
-10 °C ≤ Ta ≤ 70 °C

Symbol



Features

1. For high pressure use, corrosion and chemical resistance.
2. Good performance for outdoor facility.
3. Suitable for semi-conductor industry.
4. Large flow rate and effectively removes water and particle.
5. Accurate and sensitive pressure setting.
6. Lubricator oil can be replenished without stopping air supply.
7. Oil spray in mist ensures good lubrication for machines.
8. CE and EX-proof certified.



*Lubricator oil (Recommended): ISO-VG32

How to order

USFR/L	B	-	02	N	C	H	W
Stainless Steel F.R.L Combination	Pressure		Port size	Thread	Filtration	Drain	Bowl viewer
	Blank :0.5~30kgf/cm ² (for 1/4", 3/8", 1/2")		02 :1/4" 03 :3/8" 04 :1/2" 06 :3/4" 08 :1"	Blank :G N :NPT R :Rc	Blank :5µm C :40µm	Blank :Semi-auto drain H :Manual drain D :Auto drain (Working pressure:0.5 ~ 9.9 kgf/cm ²)	Blank :W/O view W :Viewer (for 3/4", (See *Remark below)
	0.5~28kgf/cm ² (for 3/4", 1")						
	B :0.5~12kgf/cm ²						

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.

*Remark: Only for USFR/LB (0.5 ~ 12 kgf/cm²)

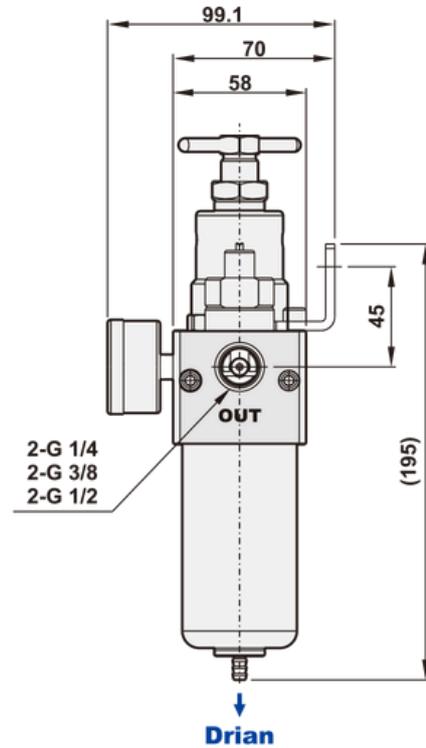
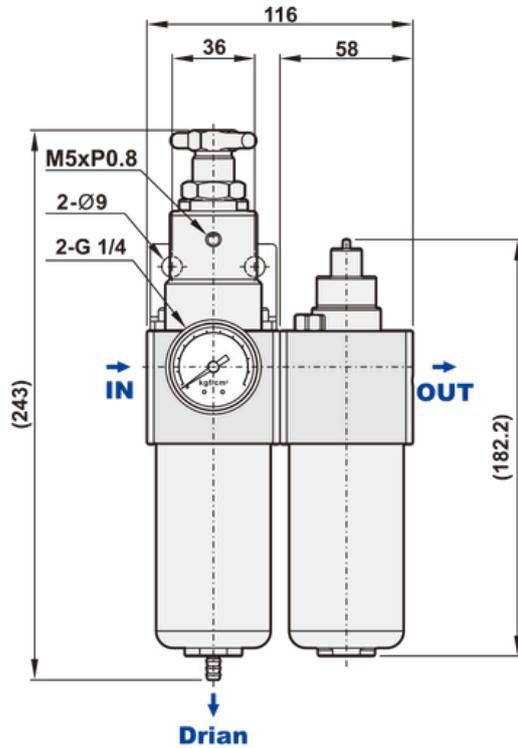
*Spring: USFR/LB = SUS303
USFR/L = Alloy steel

Specifications

Model	USFR/L-02	USFR/L-03	USFR/L-04	USFR/L-06	USFR/L-08
Port size	1/4"	3/8"	1/2"	3/4"	1"
Fluid	Compressed air				
Regulator construction	Piston				
Body material	Stainless steel SUS316				
Bowl material	Stainless steel SUS316				
Pressure gauge material	Case: Stainless steel SUS304, Thread: Stainless steel SUS316				
Filtration	5µm(Standard)				
Element material	Stainless steel SUS316				
Operating pressure range	USFR/LB:0.5 ~ 12 kgf/cm ² USFR/L:0.5 ~ 30 kgf/cm ²		USFR/LB:0.5 ~ 12 kgf/cm ² USFR/L:0.5 ~ 28 kgf/cm ²		
Max. inlet pressure	60 kgf/cm ² (Bowl viewer: 15 kgf/cm ²)				
Max. flow rate l/min (ANR) 40µm	2080	2200	2500	B7600/15200	B8000/15200
Ambient temperature	-10°C ~ 70°C				
Filter bowl capacity	110cc			200cc	
Lubricator bowl capacity	130cc			220cc	
Proof pressure	80 kgf/cm ² (Bowl viewer: 40 kgf/cm ²)				
Standard drain	Semi-auto drain (Drains below 0.5kgf/cm ²)				

■ Dimensions

USFR/L-02, 03, 04



USFR/L-06, 08

