

Symbol



Features

- 1. For high pressure use, corrosion and chemical resistance.
- 2. Good performance in chemically working environments and outdoor facility.
- 3. Suitable for semi-conductor industry.
- 4. The product effectively removes water and particle.
- 5. Strict quality control.
- 6. CE and EX-proof certified.

How to order

USF	B	-	02	N	C	H	W
Stainless Steel Filter	Pressure		Port size	Thread	Filtration	Drain	Bowl viewer
	Blank:0.5~60kgf/cm ² B:0.5~12kgf/cm 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 viewer W :Viewer (for 3/4",1") (See *Remark below)

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

Specifications

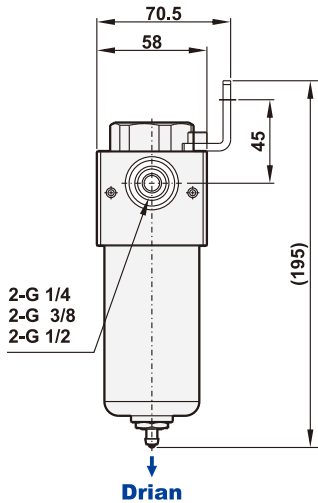
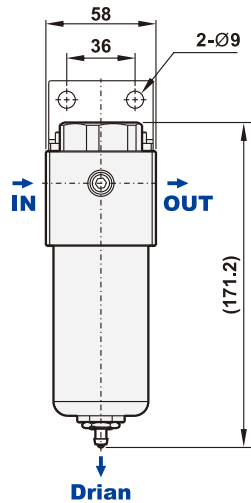
Model	USF-02	USF-03	USF-04	USF-06	USF-08
Port size	1/4"	3/8"	1/2"	3/4"	1"
Fluid	Compressed air				
Body material	Stainless steel SUS316				
Bowl material	Stainless steel SUS316				
Filter element material	Stainless steel SUS316				
Filtration	5μm(Standard), 40μm(Option)				
Operating pressure range	USF: 0.5 ~ 60 kgf/cm², USFB: 0.5 ~ 12 kgf/cm²				
Max. inlet pressure	60 kgf/cm² (Bowl viewer: 15 kgf/cm²)				
Max. flow rate l/min (ANR) 40μm	2440	2450	3030	B9600/19200	
Ambient temperature	-10°C ~ 70°C				
Filter bowl capacity	110cc			200cc	
Proof pressure	80 kgf/cm² (Bowl viewer: 40 kgf/cm²)				
Standard drain	Semi-auto drain (Drains below 0.5kgf/cm²)				
Net weight	1650 g			3950 g	
Accessories	Mounting bracket set, Plug				

CE II 2G Ex h IIC T4 Gb
II 2D Ex h IIIC T135℃ Db
-10℃ ≤ Ta ≤ 70℃

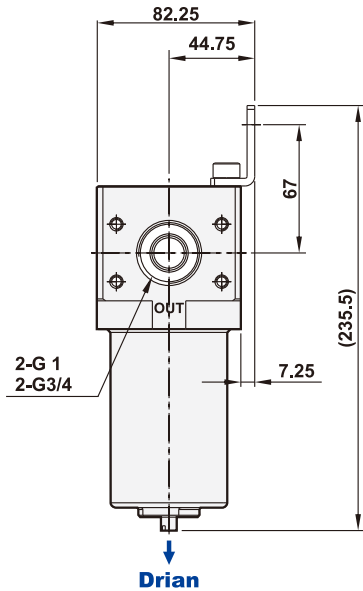
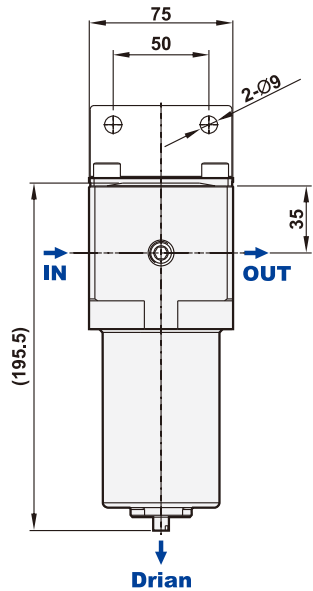


Dimensions

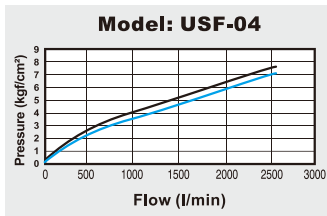
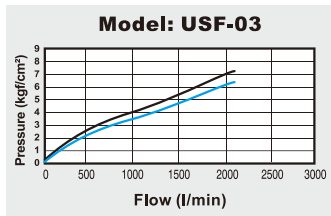
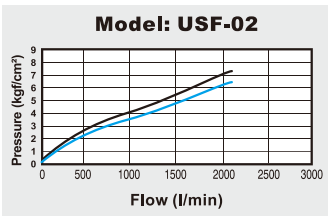
USF-02, 03, 04



USF-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