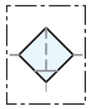
Stainless Steel SUS316 Filter

Symbol



Filter

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



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/cm² **B**:0.5~12kgf/cm²		**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/cm²)		**Blank**:W/O viewer **W**:Viewer (for 3/4",1") (See *Remark below)

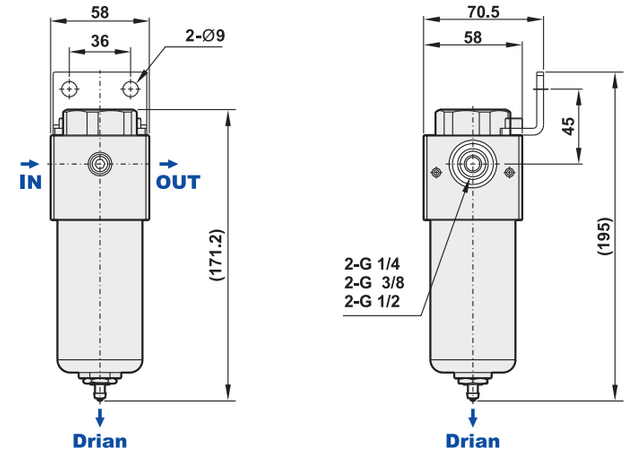
*Remark: Only for USFB (0.5 ~ 12 kgf/cm²)

Specifications

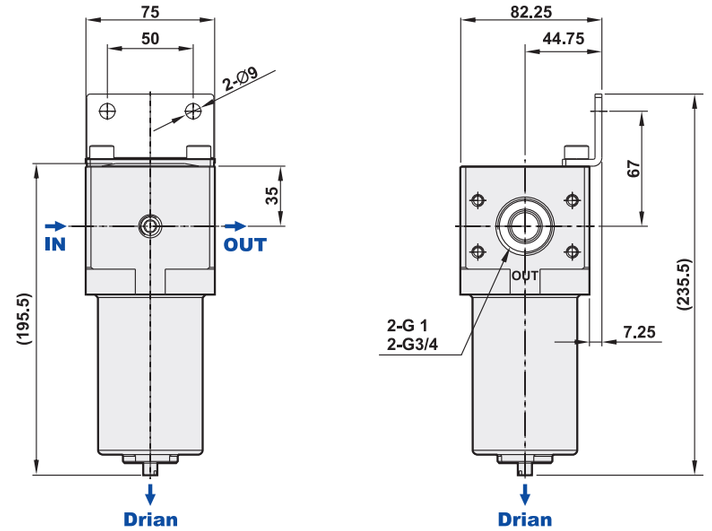
Model	USF-02	USF-03	USF-04	USF-06	USF-08
Port size	1/4"	3/8"	1/2"	3/4"	1"
Fluid	Compressed air				
Body material	Stainless steel SUS316				
Bowl material	Stainless steel SUS316				
Filter element material	Stainless steel SUS316				
Filtration	5μm(Standard), 40μm(Optioan)				
Operating pressure range	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				

Dimensions

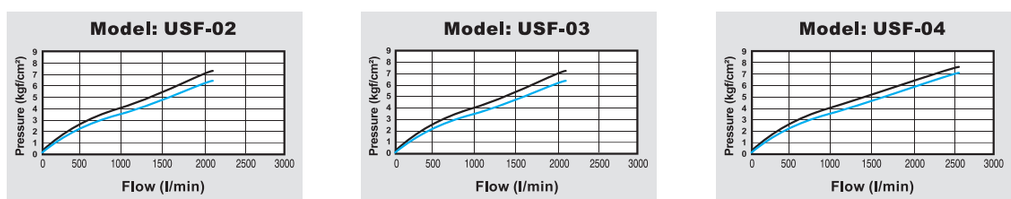
USF-02, 03, 04



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