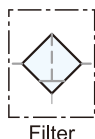


USF | Stainless Steel Filter

Specification and ordering

■ 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.



II 2G Ex h IIC T4 Gb

II 2D Ex h IIC T135°C Db

-10 °C ≤ Ta ≤ 70 °C



■ 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	40 micron standard; 5 micron optional				
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 I/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				

Fluidline supply: 40 micron standard; 5 micron optional. Use filtration code C for 40 micron.

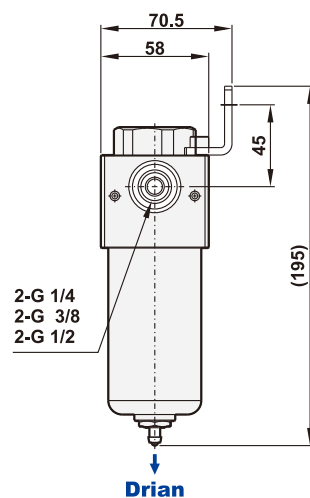
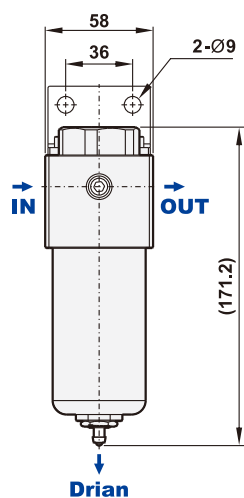


USF | Stainless Steel Filter

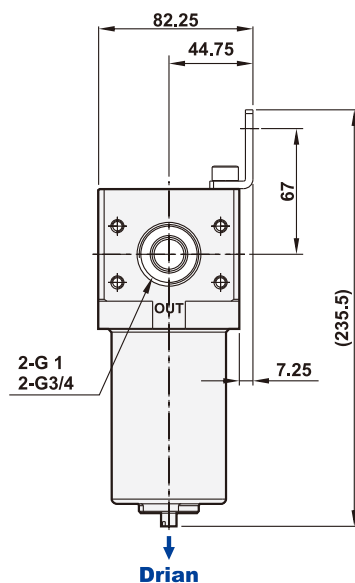
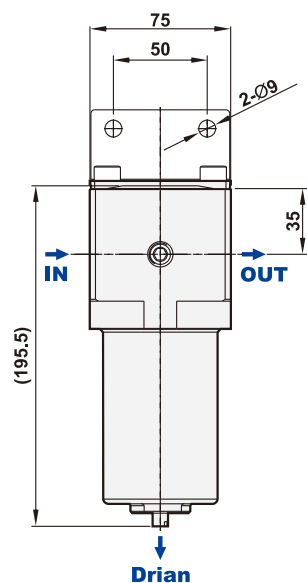
Dimensions and technical drawings

■ Dimensions

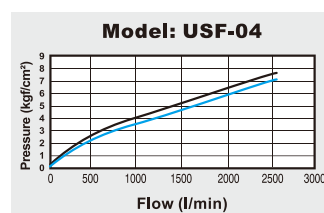
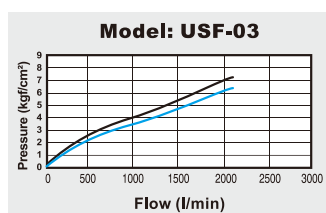
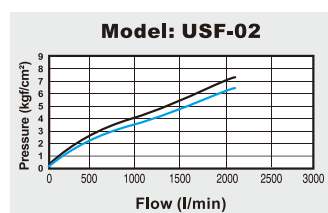
USF-02, 03, 04



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

Confirm the selected model, operating conditions and options with Fluidline before ordering.