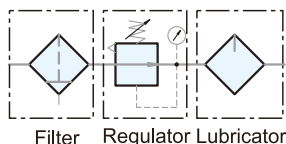


USFRL | Stainless Steel Three-Piece FRL Combination

Specification and ordering

Symbol



Features

1. For high pressure use, corrosion and chemical resistance.
2. Good performance for outdoor facility.
3. Suitable for semi-conductor industry.
4. The product 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 ATEX certified.

How to order

USFRL	B	—	06	N	C	H	W
Stainless Steel F.R.L Combination	Pressure		Port size	Thread	Filtration	Drain	Bowl viewer
	Blank: 0.5~28kgf/cm ² B: 0.5~12kgf/cm 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 (See *Remark below)

Please contact our sales representative 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 USFRLB (0.5 ~ 12 kgf/cm²).
 *Spring: USFRLB = SUS303
 USFRL = Alloy steel

Specifications

Model	USFRL-06	USFRL-08
Port size	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	40 micron standard; 5 micron optional	
Element material	Stainless steel SUS316	
Operating pressure range	USFRLB: 0.5 ~ 12 kgf/cm ² , USFRL: 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	B7600/15200	B8000/15600
Ambient temperature	-10°C ~ 70°C	
Filter bowl capacity	200cc	
Lubricator bowl capacity	220cc	
Proof pressure	80 kgf/cm ² (Bowl viewer: 40 kgf/cm ²)	
Standard drain	Semi-auto drain (Drains below 0.5kgf/cm ²)	
Net weight	10340g	
Accessories	Pressure gauge (0~20kg), Plug, Mounting bracket set	
Option	Pressure gauge (0~10kg), Pressure gauge (0~30kg)	

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

icator



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



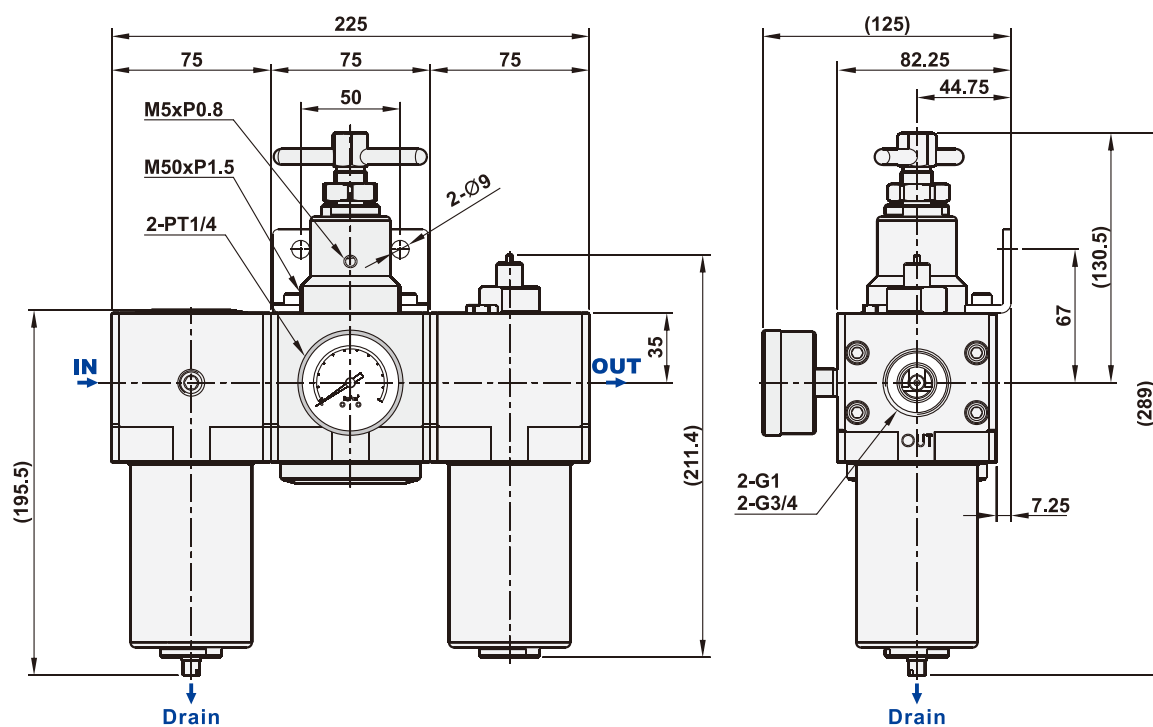
*Lubricator oil (Recommended): ISO-VG32

USFRL | Stainless Steel Three-Piece FRL Combination

Dimensions and technical drawings

■ Dimensions

USFRL-06, 08



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