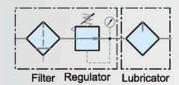


MINIATURE FR/L COMBINATION (SSFRL600) STAINLESS STEEL

VALVES

Symbol



Features

- * For high pressure use, corrosion and chemical resistance.
- Good performance in chemically working environments and outdoor facility.
- * Suitable for semi-conductor industry.
- * Large flow rate and effectively removes water and particle.
- * Accurate and sensitive pressure setting.
- * Lubricator oil can be replenished without stopping air supply.
- * Oil spray in mist ensures good lubrication for machines.
- * Light weight, compact size for space saving.



How to order

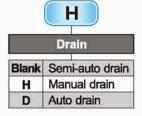
SSFRL600

Stainless steel SUS316 miniature

Miniature Filter Regulator+Lubricator



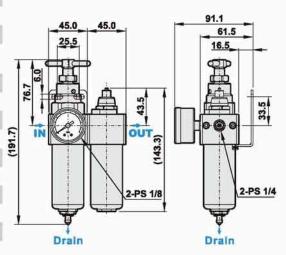




Specifications

Model	SSFRL600		
Port size	1/4"		
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		
Filter element material	Stainless steel SUS316		
Filtration	5μm (Standard) - 40μm (Option)		
Operating pressure range	0.5 ~ 20 kgf/cm ²		
Max. inlet pressure	30 kgf/cm ²		
Max. flow rate I/min (6kgf/cm²)	1850 I/min		
Ambient temperature	-10℃ ~ 60℃		
Lubricator oil (Recommended)	ISO-VG32		
Filter bowl capacity	105cc		
Lubricator bowl capacity	125cc		
Standard drain	Semi-auto drain (Drains below 0.5kgf/cm²)		
Net weight	2660g		
Accessories	Pressure gauge, Mounting bracket, Plug, Screw x 2		

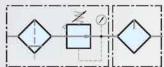
Dimensions





FR/L COMBINATION (USFR/L) STAINLESS STEEL

5 ymbol



Filter Regulator Lubricator

Features

- *For high pressure use, corrosion and chemical resistance.
- *Good performance in chemically working environments and outdoor facility.
- *Suitable for semi-conductor industry.
- *The product effectively removes water and particle.
- *Accurate and sensitive pressure setting.
- *Lubricator oil can be replenished without stopping air supply.
- *Oil spray in mist ensures good lubrication for machines.



Howtoorder

US

FR/L

Filter R egulator+Lubricator

04







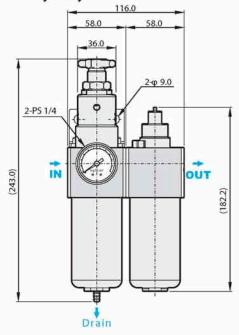
5	SUS3	16
Stair	iless	steel

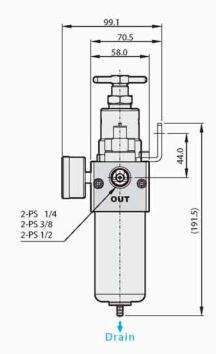
Port size		Thread		Filtration		Drain		
02	1/4" ((Option)	Blank	PS	Blank	5µm	Blank	Semi-auto drain
03	3/8"		N	NPT	С	40µm	Н	Manual drain
04	1/2"						D	Auto drain

Specifications

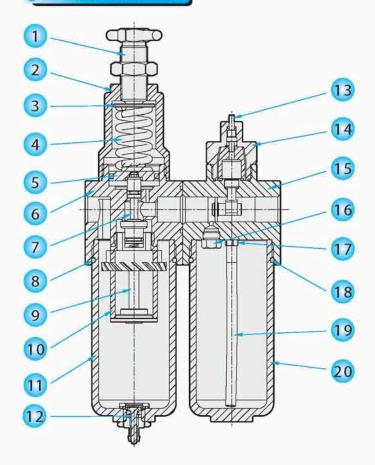
Model	USFR/L-02	USFR/L-03	USFR/L-04
Port size	1 / 4 " (Option)	3 / 8 "	1/2"
Fluid		Compressed air	
Regulator construction		Piston	
Body material		Stainless steel SUS316	
Bowl material		Stainless steel SUS316	
Pressure gauge material	Case: Stainless steel SUS304, Thread: Stainless steel SUS316		
Filtration/Element material	5µm (Standard) Stainless steel SUS316		
Operating pressure range	0.5 ~30 kgf/cm ²		
Max. inlet pressure	60 kgf/cm ²		
Max. flow rate I/min (6kgf/cm²)	2080	2200	2500
Ambient temperature	-10C ∼ 70C		
Lubricator oil (Recommended)	ISO-VG32		
Filter bowl capacity	110cc		
Lubricator bowl capacity	130cc		
Standard drain	Semi-auto drain (Drains below 0.5kgf/cm²)		
Net weight	3800g	3870g	3840g
Accessories	Pressure gauge, Mounting bracket, Plug, Screw x 2		

OUSFR/L-02, 03, 04





Construction

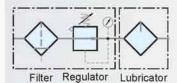


No.	Description	Material
1	Pressure regulating screw	SUS316
2	Regulator base	SUS316
3	Disc gasket	SUS303
4	Spring	SUS303
5	Piston	SUS303
6	Regulator body	SUS316
7	Pressure regulating needle	SUS303
8	O-ring	VITON
9	Filter element holder	SUS303
10	Filter element	SUS316
11	Filter bowl	SUS316
12	Drain	Cu+Ni
13	Oil adjusting screw	SUS316
14	Screw cover	SUS316
15	Lubricator body	SUS316
16	Plug	SUS316
17	Oil pipe fitting	SUS316
18	O-ring	VITON
19	Oil pipe	PU
20	Lubricator bowl	SUS316



FR/L COMBINATION QUNIT (USFR/L) STAINLESS STEEL

Symbol

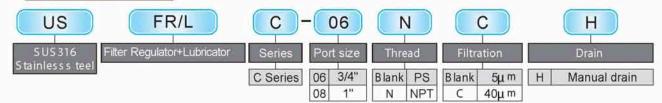


Features

- *For high pressure use, corrosion and chemical resistance.
- *Good performance in chemically working environments and outdoor facility.
- *Suitable for semi-conductor industry.
- *Large flow rate and effectively removes water and particle.
- *Accurate and sensitive pressure setting.
- *Lubricator oil can be replenished without stopping air supply.
- *Oil spray in mist ensures good lubrication for machines.

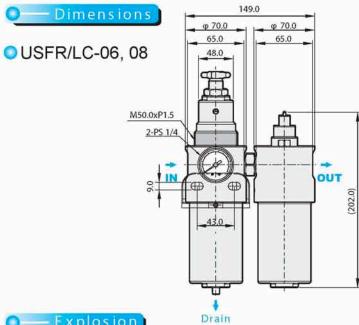


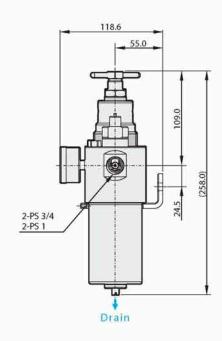
How to order

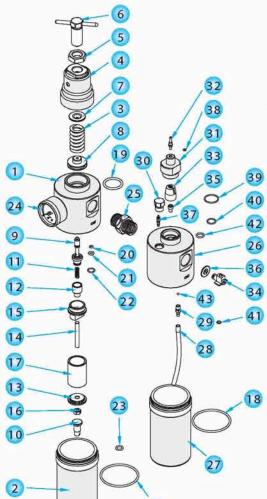


Specifications

Model	USFR/LC-06	USFR/LC-08	
Port size	3/4"	1"	
Fluid	Compre	ssed air	
Regulator construction	Pis	ton	
Body material	Stainless st	eel SUS316	
Bowl material	Stainless st	eel SUS316	
Pressure gauge material	Case: Stainless steel SUS304, Thread: Stainless steel SUS316		
Filtration/Element material	5µm(Standard) Stainless steel SUS316		
Operating pressure range	0.5 ~ 30 kgf/cm ²		
Max. inlet pressure	60 kgf/cm ²		
Max. flow rate 1/min (6kgf/cm²)	7250 76		
Ambient temperature	-10C -	~70C	
Lubricator oil (Recommended)	ISO-VG32		
Nipple size and material	1/2" SUS316		
Filter bowl capacity	200cc		
Lubricator bowl capacity	220cc		
Standard drain	Manual drain		
Net weight	5500g		
Accessories	Pressure gauge, Plug, Mounting bracket		







Explosion

No.	Description	Material
1	Filter Regulator body	SUS316
2	Filter bowl	SUS316
3	Pressure regulating spring	SUS304
4	Stainless steel regulator base	SUS316
5	Nut	SUS316
6	Pressure regulating screw	SUS316
7	Disc gasket	SUS316
8	Piston	SUS316
9	Pressure regulating needle	SUS316
10	Manual drain	SUS316
11	Spring	SUS304
12	Needle holder	SUS316
13	Plate	SUS316
14	Bolt	SUS316
15	Spring holder	SUS316
16	Nut	SUS316
17	Filter element	SUS316
18	O-ring	VITON
19	O-ring	VITON
20	O-ring	VITON
21	O-ring	VITON
22	O-ring	VITON

No.	Description	Material
23	O-ring	VITON
24	Pressure gauge	Stainless Stee
25	Nipple	Stainless Stee
26	Lubricator body	SUS316
27	Lubricator bowl	SUS316
28	Oil pipe	PU
29	Oil pipe fitting	SUS316
30	Oil filling plug	SUS316
31	Oil adjusting knob	SUS316
32	Oil adjusting screw	SUS316
33	Oil dropping orifice	SUS316
34	Oil spraying orifice	SUS316
35	Screw	SUS316
36	Damper	VITON
37	Check valve	Stainless Steel
38	O-ring	VITON
39	O-ring	VITON
40	O-ring	VITON
41	O-ring	VITON
42	O-ring	VITON
43	Steel ball 3mm	SUS316

STAINLESS STEEL