

UFR+L FILTER REGULATOR + LUBRICATOR

FEATURES

The UFR+L filter regulator + lubricator is intended for the treatment of compressed air or compressed gas. Its function is that of supplying filtered, lubricated air at the desired pressure for feeding devices working with compressed air. Robust aluminium body. The maximum inlet pressure is 10 bar and 12 bar. Adjustment is made using the upper pressure regulating knob which can be locked in position. It is delivered with an attachment bracket and a pressure gauge indicating the downstream pressure. The bowl is made of plastic, with semi-automatic drain.

AVAILABLE MODELS

1/4" to 1" diameters.
G thread connections
5 µm standard filtration.



LIMITS OF USE

Fluid	compressed air or nitrogen
Fluid pressure: WP	0.5 - 10 bar
Fluid temperature: WT°	0°C / +50°C
Ambient temperature	-10°C / +60°C



SPECIFICATIONS

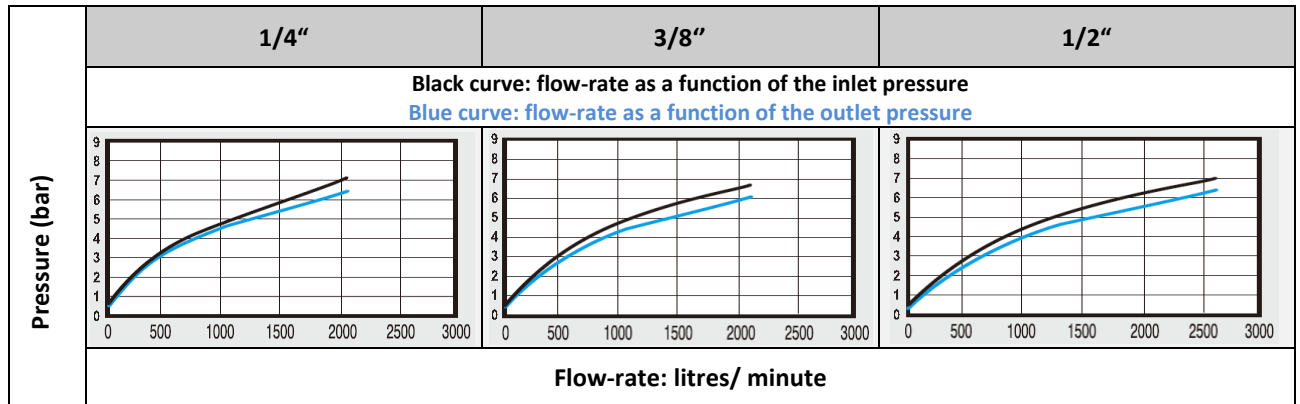
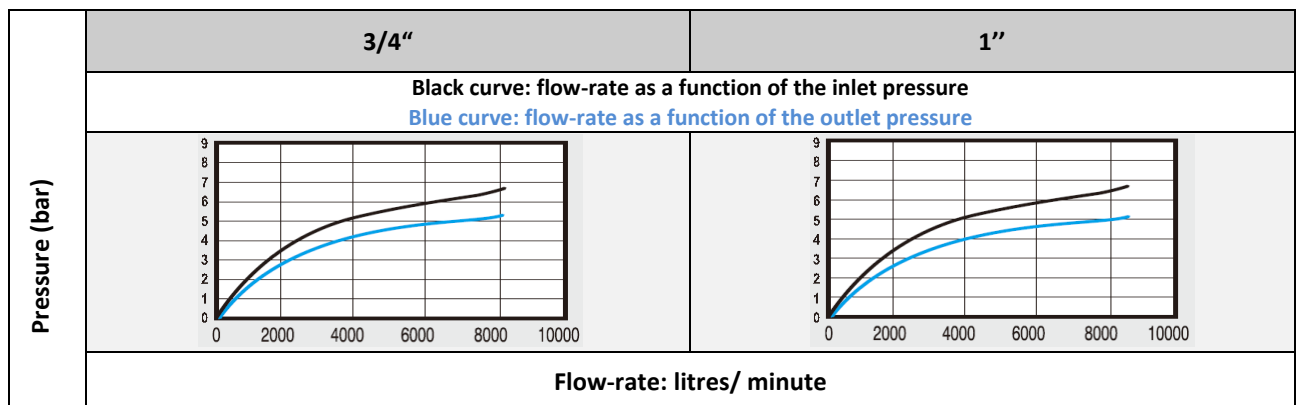
Technology	Piston regulator	
Test pressure	15 bar	
Regulator accuracy	0.2 bar	
Filter capacity	1/4" - 3/8" - 1/2"	3/4" - 1"
	105 cc	210 cc
Lubricator capacity	1/4" - 3/8" - 1/2"	3/4" - 1"
	125 cc	235 cc
Drain	Semi-automatic	

Information given as an indication only, and subject to possible modifications

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FLOW-RATE (litres/minute)

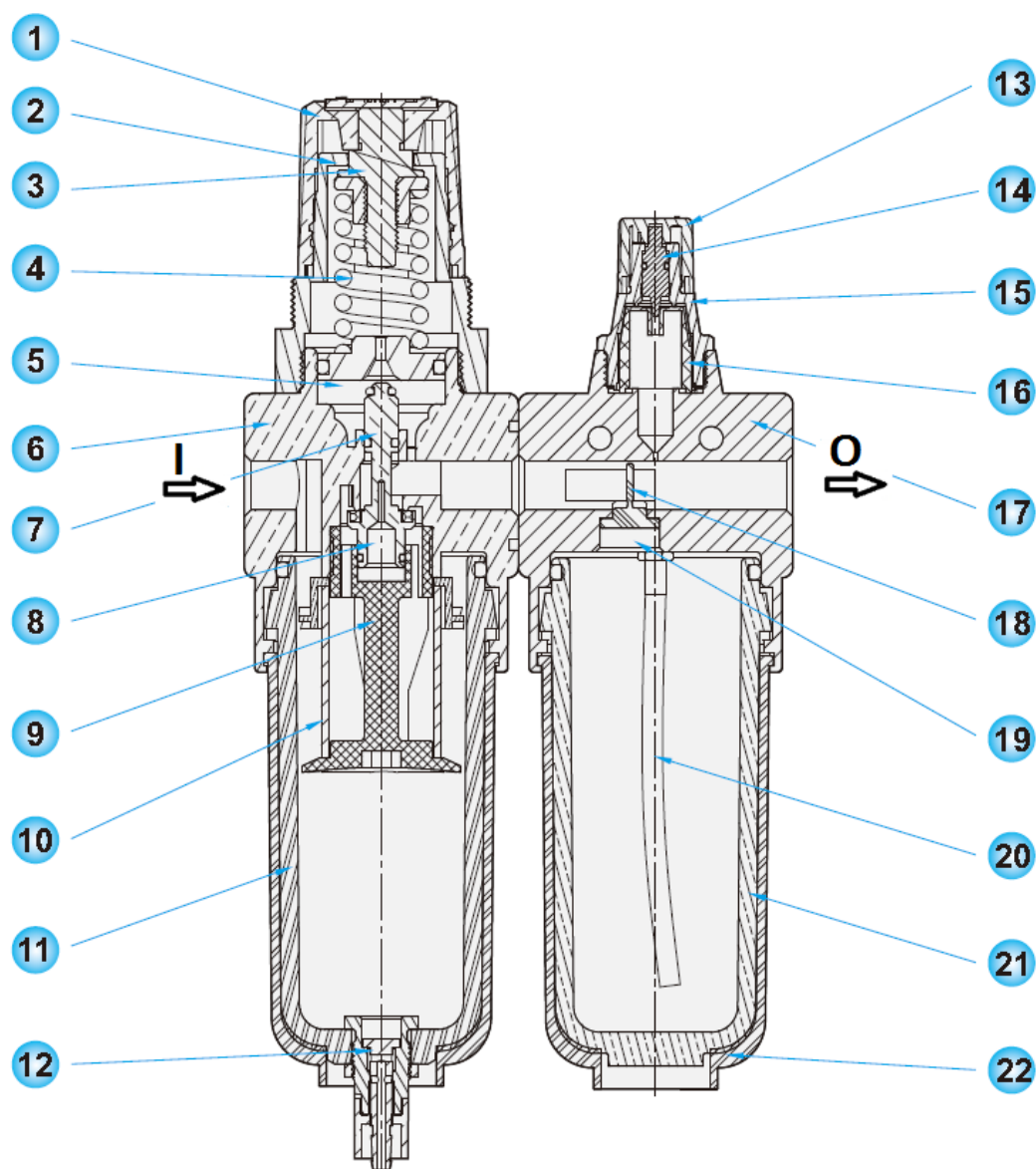


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CONSTRUCTION (1/4" - 3/8" - 1/2")



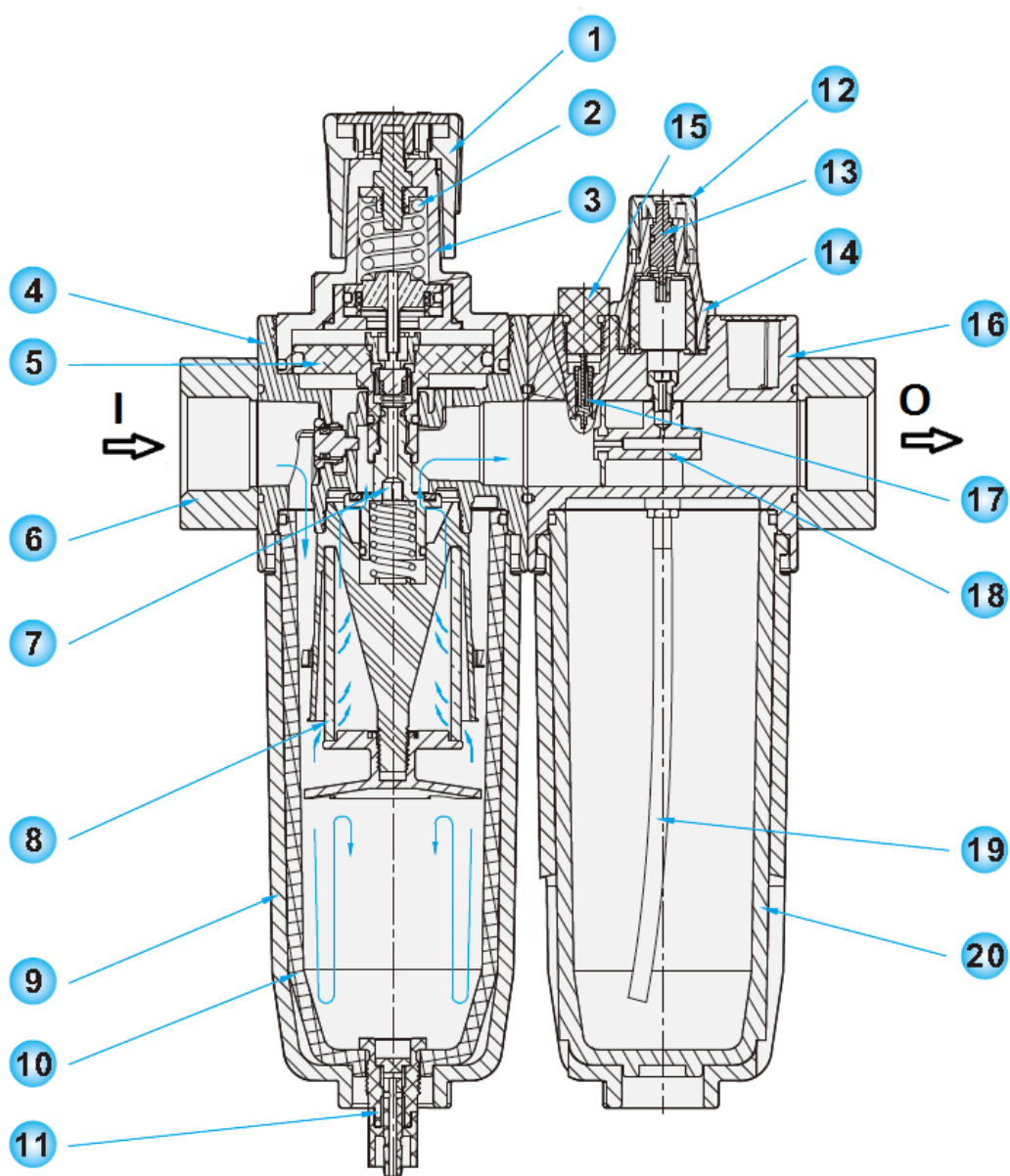
No.	Name	Material	No.	Name	Material
1	Pressure regulating knob	Nylon	12	Semi-automatic drain	POM
2	Cap	Nylon + GF	13	Adjustment button	POM
3	Adjustment screw	Alloy steel	14	Filling screw	Brass
4	Spring	Alloy steel	15	Indicator light	Polycarbonate
5	Piston	Brass	16	Filling orifice	Polycarbonate
6	Regulator filter body	Aluminium alloy	17	Lubricator body	Aluminium alloy
7	Plug stem	Copper + NBR	18	Valve	PU
8	Spring	Alloy steel	19	Plug	Copper
9	Filter support	Nylon	20	Tube	PU
10	Filtering element	PE	21	Lubricator bowl	PC
11	Filtering bowl	PC	22	Bowl protection	Nylon

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CONSTRUCTION (3/4" - 1")



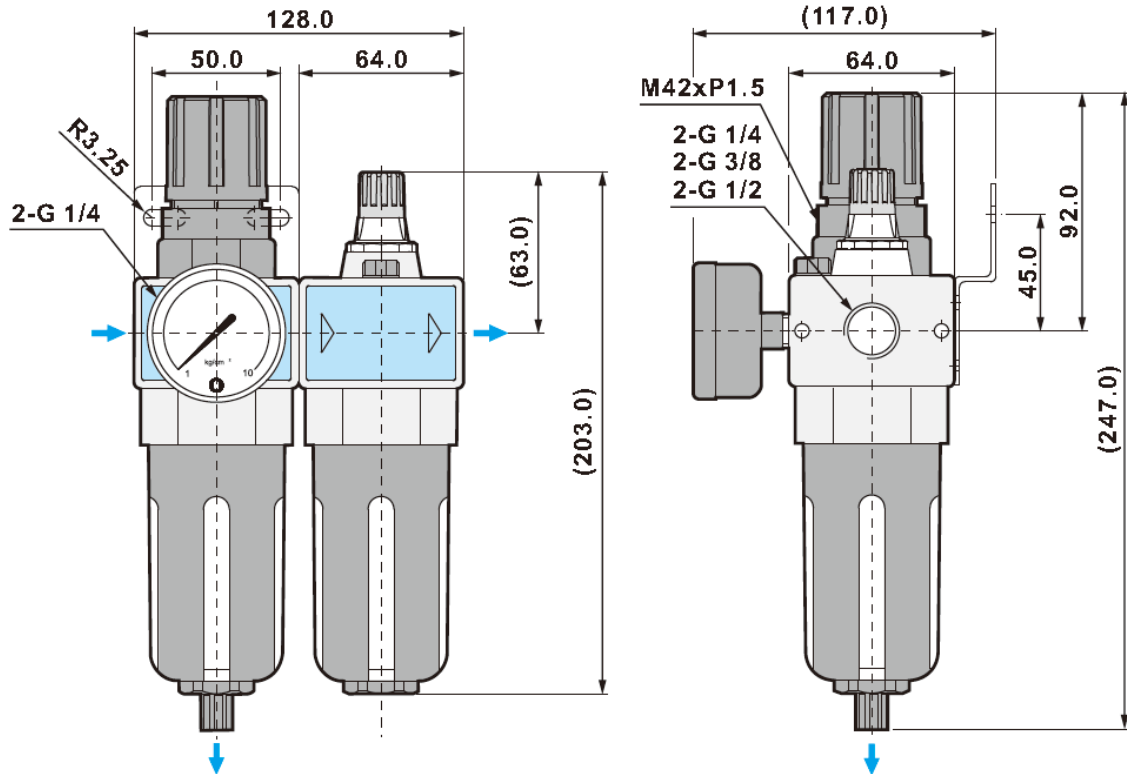
No.	Name	Material	No.	Name	Material
1	Pressure regulating knob	Nylon	11	Semi-automatic drain	POM
2	Spring	Alloy steel	12	Adjustment button	POM
3	Cap	Nylon + GF	13	Filling screw	Brass
4	Regulator filter body	Aluminium alloy	14	Indicator light	Polycarbonate
5	Piston	Aluminium	15	Filling pressure regulating knob	Brass
6	Adapter	Aluminium alloy	16	Lubricator body	Aluminium alloy
7	Plug stem	Copper + NBR	17	Check valve	Copper
8	Filter element	PE	18	Oil nozzle	Copper
9	Bowl protection	Nylon	19	Tube	PU
10	Filtering bowl	PC	20	Lubricator bowl	PC

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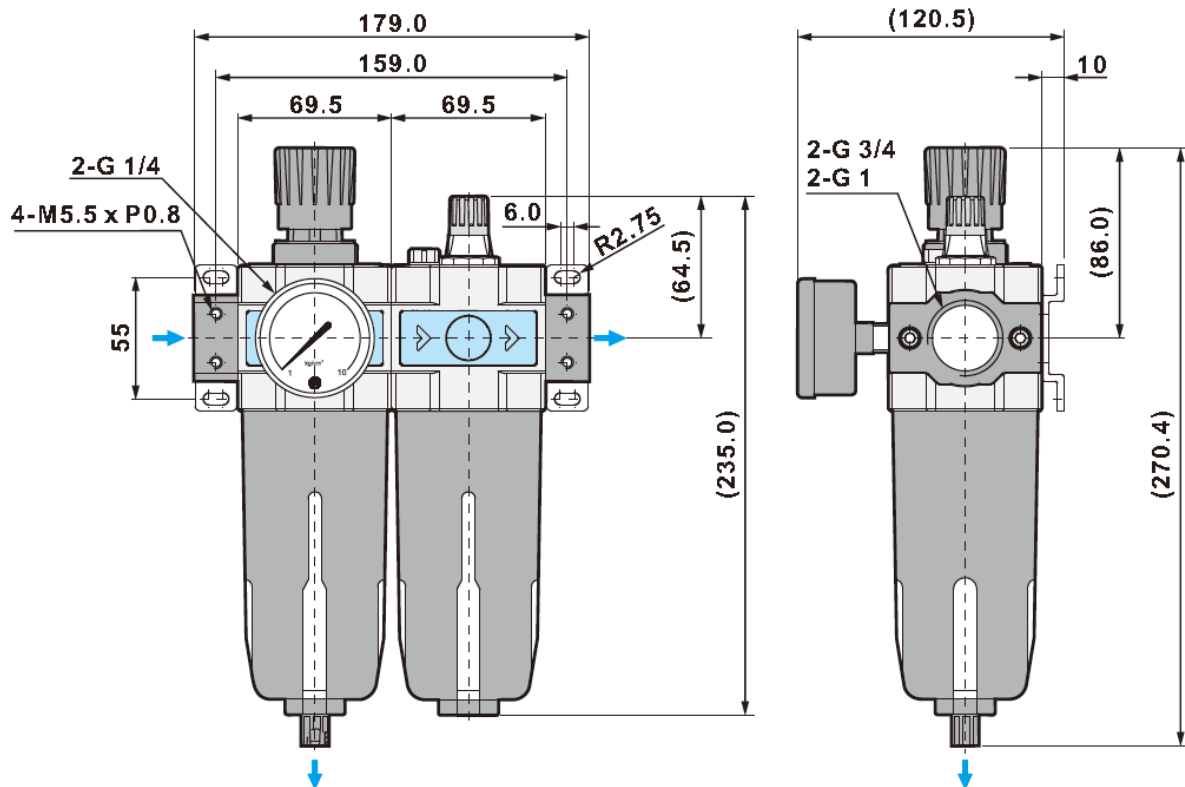
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DIMENSIONS (mm) (1/4" - 3/8" - 1/2")



DIMENSIONS (mm) (3/4" - 1")



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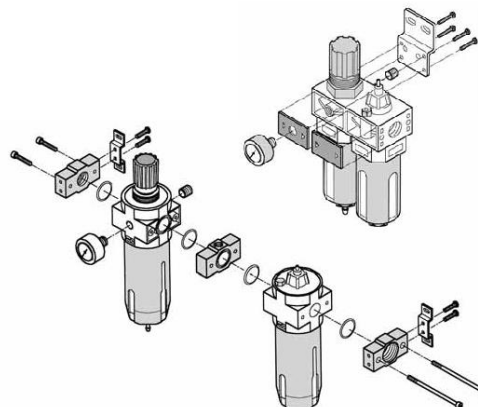
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WEIGHT (kg)

1/4"	3/8"	1/2"	3/4"	1"
1.40	1.40	1.4	2.0	2.0

INSTALLATION

- 1 - The device has to be mounted horizontally.
- 2 - Mounting only on compressed air or nitrogen pipework.
- 3 - If need be, use the two rear attachment straps.
- 4 - Disconnect the pipework upstream.
- 5 - Comply with the way of mounting indicated on the body.
- 6 - Use a sealing material suitable for the fluid conditions..
- 7- Pressurize the pipework slowly.



USE

- 1 - To adjust the pressure, lift the pressure regulating knob
- 2 - Turn the pressure adjustment knob clockwise to increase the downstream pressure, and anti-clockwise to decrease it.
- 3 - Check the desired pressure on the pressure gauge.
- 4 - For the lubricator, fill the bowl through the upper orifice.
- 5 - Adjust the lubrication flow-rate with the needle screw.
- 6 - Check the oil level with the level indicator.
- 7 - Check the condensate level in the filter with the level indicator. If necessary, drain using the screw.

NOTE: The device must depressurised before removing the filter and lubricator containers.

SERVICING

- 1 - Periodically check the condensate level.
- 2 - Periodically check the oil level in the lubricator.
- 3 - If necessary, replace the filter cartridge.

SPARE PARTS

1/4" - 3/8" - 1/2"	Filtration	Code
	40 µm	172720
	5 µm	172721
3/4" - 1"	Filtration	Code
	40 µm	172722
	5 µm	172723

OPTION

- Shut-off valve for the diameters: 1/4" - 3/8" - 1/2".

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