

Gemini Valve B.V.

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GV1730



Filter regulator - lubricator UCFR-L 1730

FEATURES

The UCFR+L filter regulator + lubricator is intended for the treatment of compressed. Its function is that of supplying filtered air at the desired pressure for feeding devices working with compressed air. The maximum inlet pressure is 10 bar. Adjustment is made using the upper pressure regulating knob which can be locked in position. It is delivered with an attachment bracket and an in-built pressure gauge indicating the downstream pressure. Robust aluminium body and cover, polycarbonate tank PP protection and semi-automatic drain. It can be filled with oil under pressure.

AVAILABLE MODELS

1/4", 3/8" and 1/2" diameters.
G thread connections.
5 µm standard filtration.



LIMITS OF USE

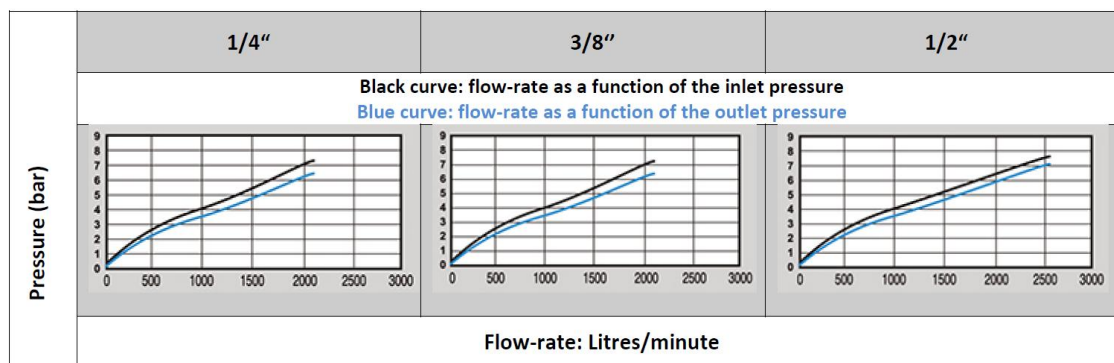
Fluid	compressed air or nitrogen
Fluid pressure: WP	0.5 - 10 bar
Fluid temperature: WT°	-10°C / +60°C

SPECIFICATIONS

Technology	Piston regulator
Test pressure	15 bar
Filter capacity	105 cc
Lubricator capacity	125 cc
Drain	Semi-automatic



FLOW-RATE (litres/minute)



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

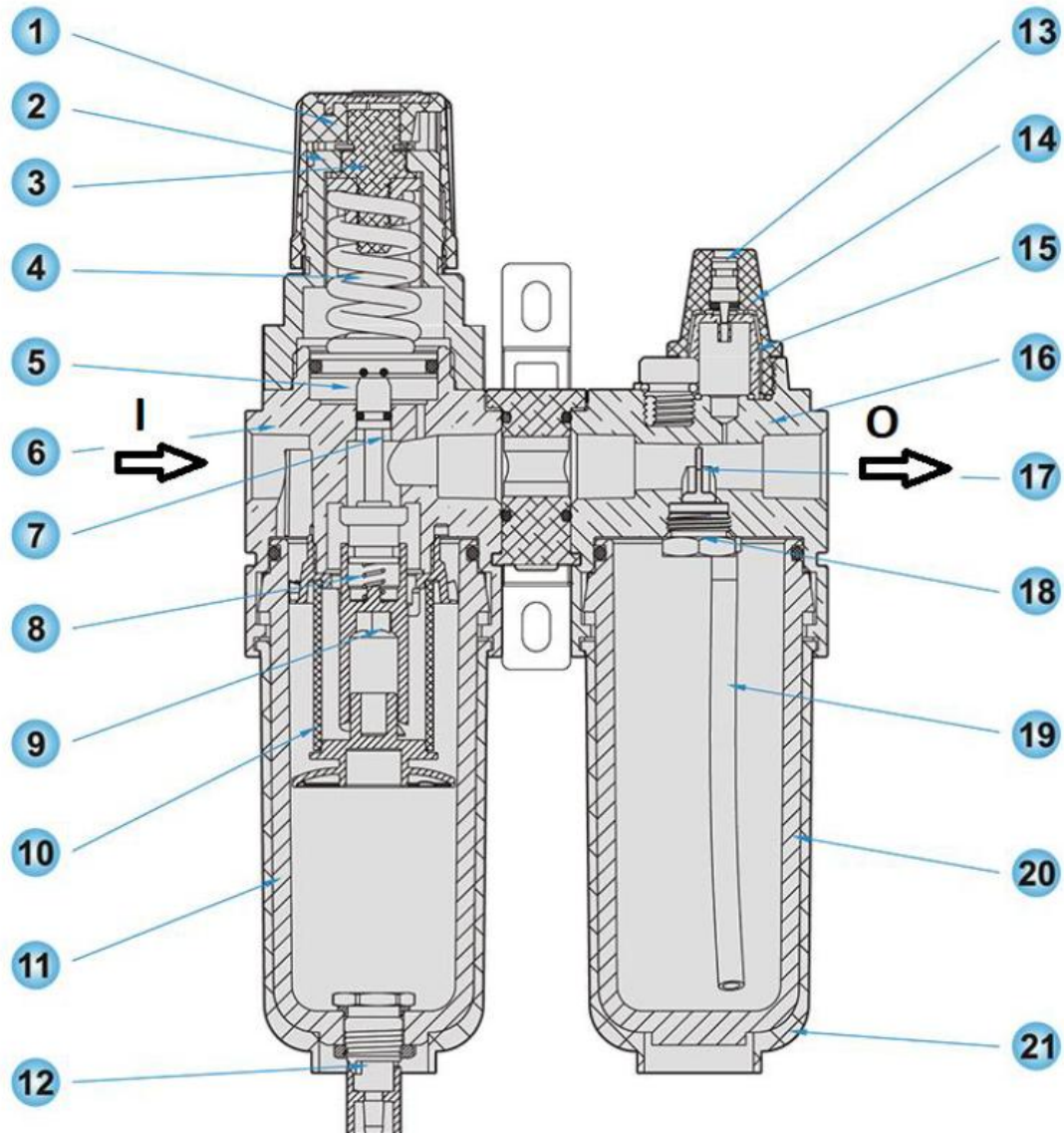
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CONSTRUCTION



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

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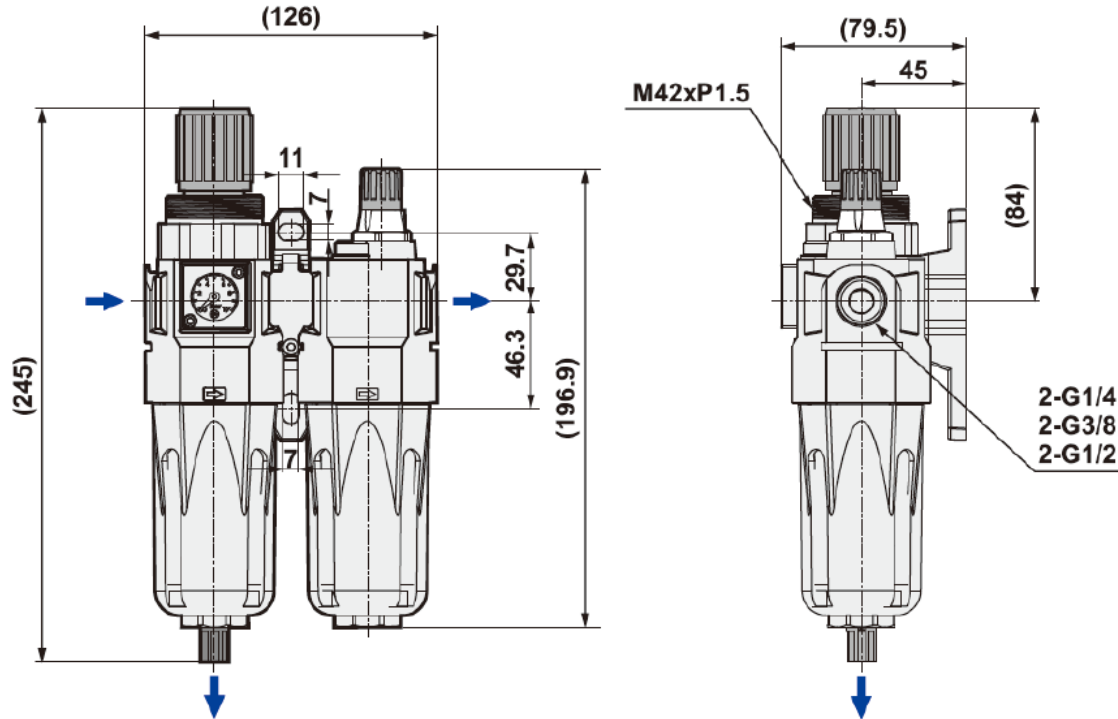
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DIMENSIONS (mm)



WEIGHT

1/4"	3/8"	1/2"
1.70 kg		

INSTALLATION

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

USE

- 1 - To adjust the pressure, lift the pressure regulating knob
- 2 - Turn the pressure adjustment pressure regulating 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 model with a lubricator, fill the bowl item 16 through the upper orifice.
- 5 - Adjust the lubrication flow-rate with the needle screw item 13.
- 6 - Check the oil level with the level indicator.
- 7 - Check the condensate level in the filter item 6 with the level indicator. If necessary, drain with the screw item 12.

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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