



Offers the FRL series regulates. It works by supplying compressed air to a set operating pressure and compensating for pressure fluctuations. The fluid oil, condensate and dirt in compressed air are cleaned by water separator. Precision pressure regulating valve is a necessary part of pneumatic control valve. Its main function is to reduce the pressure of the air source and stabilize it to a certain value, so as to enable the control valve to obtain a stable pneumatic power for regulation and control.

Attention:

1. Use shut-off valve for making the system pressure less for fitting and maintenance (e.g. when changing the filter).
2. Note the direction of flow. This can be seen on the connecting flanges.
3. Leave sufficient space below the filter bowl (min. 130mm) for changing the filter.
4. Adjust the OF vertically ($\pm 5^\circ$).
5. Screw the tubing into the connecting flanges. The threads must be sealed.
6. Screw the manometer into the existing threaded connector. The manometer seal is already fitted onto the threaded connector pin of the manometer.
7. The alternative connection is closed with a blind plug. If necessary, replace the blind plug (incl. seal).

How To Order

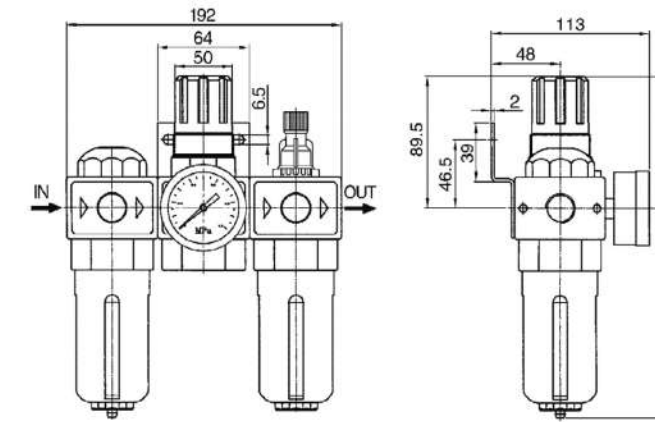
U	FRL	02	P
Series	Type Code	Port Size	Thread Type
U:U Series Air Source Treatment Unit	FRL:F.R.L Combination FR:L:FR.L Combination FR:Filter&Regulator F:Filter R:Regulator L:Lubricator	02:1/4 03:3/8 04:1/2	Blank: G P:PT T:NPT

Specification:

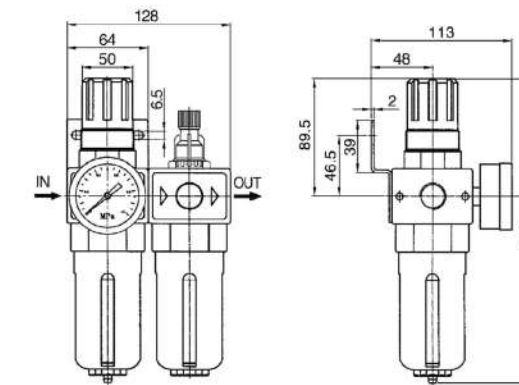
Model	UFRL	UFR/L	UFR	UF	UR	UL
Port size			1/4" 3/8" 1/2"			
Working medium			Air			
Filtering level (μm)			40 or 5			
Pressure regulating range			Automatic and differential drain: 0.15-0.9MPa (12-130psi) Manual drain: 0.05-0.9MPa (7-130psi)			
Max.pressure			1.0MPa (145psi)			
Guaranteed pressure			1.5MPa (215psi)			
Temperature range ($^\circ C$)			-5-70 No freezing			

Overall Dimension:

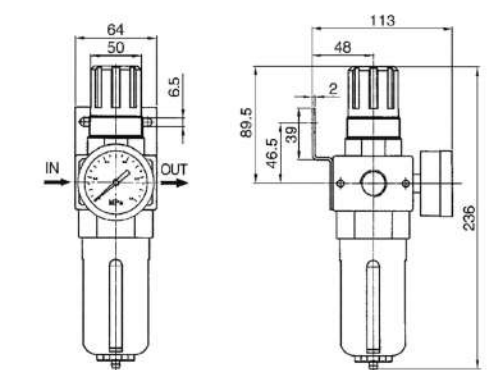
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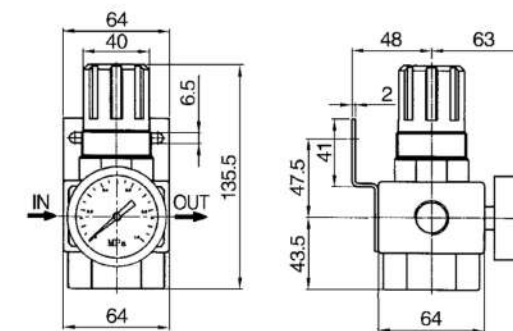
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