

Overview of ewo FRLs

The FRL market is huge, complex and diverse. Today, customers can choose between almost hundreds of manufacturers around the world offering different levels of quality, design, origins and technology.

Since the early 50s, ewo is developing and manufacturing maintenance units for compressed air applications. Both, research & development as well as assembly takes place in Stuttgart, Germany.

Addressing the different demand from our customers around the world, we offer different FRL product lines with different technical features for different applications.

This paper is supposed to support you - our worldwide representatives, resellers and distributors - to gain deeper insights about differentiating our products to competitive brands.

Standard series

Our **Standard** line of FRLs is made of zinc alloy and brass bodies for highest quality demands and resistance.

Housings up to G2, maximum pressure up to 60 bar and sintered bronze filters up to 0,01 µm filtration (micro-filter) support specific applications like PET manufacturing or Marine diesel engines.

Optional devices like Small Pressure Regulators, Regulators with diaphragm type, Precision Regulators or Line Regulators allow even more applications to be used in. Extras like metal bowls protect the filter housing when operating in rough environments.



Technical Features Summary

- Body of zinc alloy and brass for highest quality
- Connecting sizes up to G2
- Maximum inlet pressure up to 60 bar

Variobloc series

The **Variobloc** FRL line is designed in a “variable” “bloc”-style.

This design allows the flexible way of mounting and adding components. All components can be disassembled while keeping the whole unit in its place.

Two housing sizes support port sizes from G ¼ up to G1.



A robust metal housing of zinc alloy die-casting enables the long-lasting quality of this product line.

NPT threats are optional, as well as metal housing for filter bowl, micro-filter inlets, activated charcoal filters, battery regulators, ball valves, 3/2-way starting valves, distributors, pneumatic starting valves and several types of drain valves, from manual to automatic.

Technical Features Summary

- Metal housing of zinc die-casting
- Sizes from G $\frac{1}{4}$ up to G1
- Threads acc. DIN and NPT
- Multiple optional devices
- Bayonet fixing of bowls
- Metal bowls optional

Combibloc series

Combibloc is the unique combination of filter, regulator and lubricator in one housing.

This patented design allows using all of these three components in a space saving environment. Two sizes up to G1 and optional metal bowls for protection support any application demanding space saving maintenance units. Filter elements of sintered bronze and housing of zinc alloy allow maximum pressures up to 25 bar.

Technical Features Summary

- Filter, regulator and lubricator - combined in one housing □
Save spacing design
- Two sizes up to G1
- Optional Metal Bowl for protection



Airvision series

For low budget applications and projects we offer our economy line Airvision, without doing any compromise on quality.

Housing of zinc alloy or aluminium and port sizes from G 1/8 to G1.

Numerous accessories like lubricators, distributors, ball valves, not-return valves, starting valves and solenoid valves support usage in any specific environment.

Technical Features Summary

- Economy line in modular design
- Sizes from G1/8 to G1
- Zinc alloy housing
- High diversity of distributors and connectors



ewo
Since 1914