



RETURN FILTER RANGE WHICH AND WHY

The main task of **return filters** is to filter the fluid before it enters the reservoir.

This allows preventing the contamination of the fluid by the particles entering both from the outside and from the inside. In this way, it **protects the components** while **maintaining** the required **levels of cleanliness**.

The return filters are usually mounted on the top of the reservoir, which is fully or semi-immersed. With the aid of some accessories (when available), it is also possible to **reduce the foam, turbulence, and generation of free air** in the reservoir.



TECHNICAL INFO	FR1	FRT	FRP	FRM	FR6
FLOW RATE	up to 600 l/min	up to 900 l/min	up to 300 l/min	up to 400 l/min	up to 300 l/min
PRESSURE	8 bar	8 bar	10 bar	10 bar	10 bar
EXTENSION TUBE		X	X	X	X
CONNECTION TUBE		X	X	X	X
DIFFUSER		X	X	X	X
DIPSTICK			X		X
AIR BREATHER			X		X
AEB VALVE			X		
ADDITIONAL PORTS				X	X



WHAT IS THE AEB VALVE?

The configuration of the AEB valve (anti emptying back pressure valve) is mainly used to avoid emptying of the filter in certain conditions, for example, for telehandlers after tools change. It can also be used to avoid to prevent the creation of foam and vortexes in the tank that can cause damages. In addition, this valve generates a back pressure that helps to control the tool when the oil came back into the tank.

APPLICATION

MOBILE INDUSTRIES

Construction equipment
Lifting
Agricultural equipment
Tank manufacturers
Municipal machines

STATIONARY INDUSTRIES

Forming machines
Injection moulding machines
Machine tools
Power Station