DEAERATION RETURN FILTER

DESIGNED FOR TANKS IN MOBILE AND INDUSTRIAL MACHINES

MDH 250
The MDH 250 “bubble-free” deaeration filter allows the reduction of air inflow into the tank through the filter. Thanks to its multiple connections and its differential indicator, it is adaptable to all systems.

DEAERATION FILTER

ANTI-DRAIN MEMBRANE

BYPASS VALVE

FILTER ELEMENT WITH LARGE WAYS DESIGN

DIFFUSER INTEGRATED IN THE FILTER

APPLICATIONS

MOBILE EQUIPMENT

Agriculture & Forestry

Construction

Materials handling

Mining

INDUSTRIAL

Marine & Offshore

Steel plant & Metal Processing

Power Generation (including renewable)

Forming machines
**FEATURES & BENEFITS**

- Max working pressure 1 MPa (10 bar) - flow rate up to 500 l/min
- MDH 250 length 2 and 4
- Reduction of air inflow into the tank through the filter
- Improved deaeration performance of the filter in the tank
- Lower pressure loss and higher working pressure than standard tank top return filters
- Bypass valve on the top with bayonet mount
- Stronger bypass system reducing vibrations
- Diffuser, integrated in the filter
- Easier filter element replacement
- Internal external filtration; it is possible to remove the filter element along with all contaminant
- Flanged connections 1 1/4” and 1 1/2” SAE 3000
- Threaded connections 1”, 1 1/4” and 1 1/2” GAS/NPT/SAE
- Differential indicators (DES and DVS) available as accessories

**DEAERATION FILTER**

**MDH 250**

DEAERATION RETURN FILTER WITH HIGH FLOW RATE FLUID FLOW IN/OUT

- Multiple connections (multiport)
- Differential indicator
- Flanged connection
- Threaded connection

**VS**

STANDARD FILTERS

**MPH 250**

STANDARD RETURN FILTER WITH HIGH FLOW RATE FLUID FLOW IN/OUT

- Up to 2 Flanged connections
- No differential indicator

**MPFX 181**

STANDARD TANK TOP RETURN FILTER FLUID FLOW OUT/IN

- 1 Threaded connection
- No differential indicator