Filternox®

CFH-MR

Advanced Double Stage Filtration in One Unit

NEWLY PATENTED DESIGN
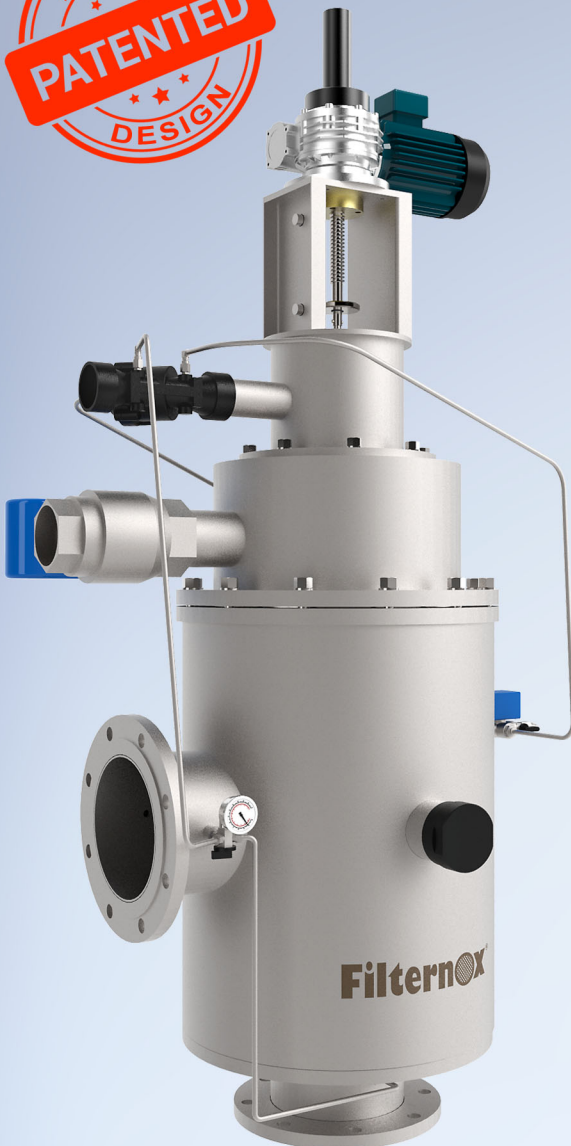
+ **Filternox®** dual filtration process is a first in the industry.

+ **CFH-MR** is specially designed to achieve much finer levels of filtration of water with high dirt loads.

+ **CFH-MR** series of **Filternox®** are special filters performing two stage filtration in one unique filter body. Based on the characteristics of the water to be filtered, it is possible to reach very fine filtration levels thanks to their efficient self-cleaning capabilities.

General Technical Specifications

Body Material
AISI 304L, AISI 316L

Screen Material
AISI 316L

Max. Operating Pressure
PN10 / PN16

Min. Inlet Pressure Required During Back-Flush
2 bar

Max. Operating Temperature
60°C / 90°C

Headloss at Max. Flow Rate
0.2 bar

Back-Flush Time
20-60 s

rpm of Cleaning Mechanism
Adjustable

Back-Flush Water Consumption
100-400 l / back-flush

Fine Screen Range
10-3000 micron

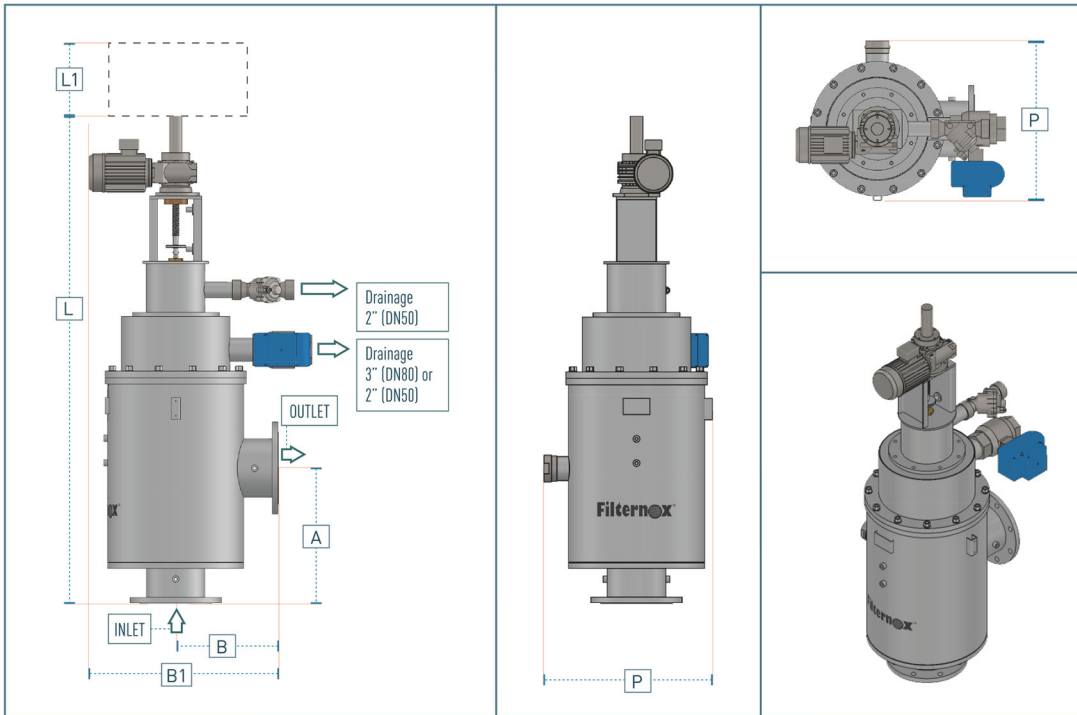**Control System**
Electric

For different pressure and material requirements, please contact Filternox.

Optional Features

Alternative Energy Sources
Solar Energy

Remote Control and Monitoring
PLC, PC,
Mobile Devices,
Filternox Head Office

TSEK · nqa ISO 9001 Registered · INOX · CE

CFH-MR Model Dimensions

Drainage 2" (DN50)

Drainage 3" (DN80) or 2" (DN50)

OUTLET

INLET

Model	Inlet-Outlet Diameter		Dimensions						Weight		Flow Rate	Filtration Area	
			A	B	B1	L	L1	P	Empty	Full		Stage 1	Stage 2
	inch	mm	mm						kg		m³/h	cm²	
$C_{22}F_{22}H$ 118203-MR	3	80	400	349	649	1880	200	495	225	400	up to 80	2100	4400
$C_{22}F_{22}H$ 120306-MR	6	150	500	384	684	2090	200	547	295	535	up to 240	4200	7500

- The tolerance value for given data is according to DIN ISO 2768-1(v).
- For larger filtration area, please contact Filternox.

For more information and operating principle video of CFH-MR models, please visit our website.