

Ideal Solution for High Dirt Loads. Double Effect Cleaning.

+ **Filternox**® SPT-WBV-MR models are developed based on our vast experience in dealing with water sources with very high dirt load build up such as river and sea.

+ With their specially developed dual self-cleaning system consisting of brushes and vacuum nozzles, **Filternox**® SPT-WBV-MR filters achieve an exceptional performance and offer a permanent and definitive solution for variable high dirt load applications.

General Technical Specifications

| | | |
|--|--|---|
| Body Material AISI 304L, AISI 316L | Max. Operating Temperature 60°C / 90°C | Back-Flush Water Consumption 200-400 l / back-flush |
| Screen Material AISI 316L | Headloss at Max. Flow Rate 0.2 bar | Fine Screen Range 10-3000 micron |
| Max. Operating Pressure PN10 / PN16 | Back-Flush Time 40-60 s | Control System Electric |
| Min. Inlet Pressure Required During Back-Flush 2 bar | rpm of Cleaning Mechanism Adjustable | |

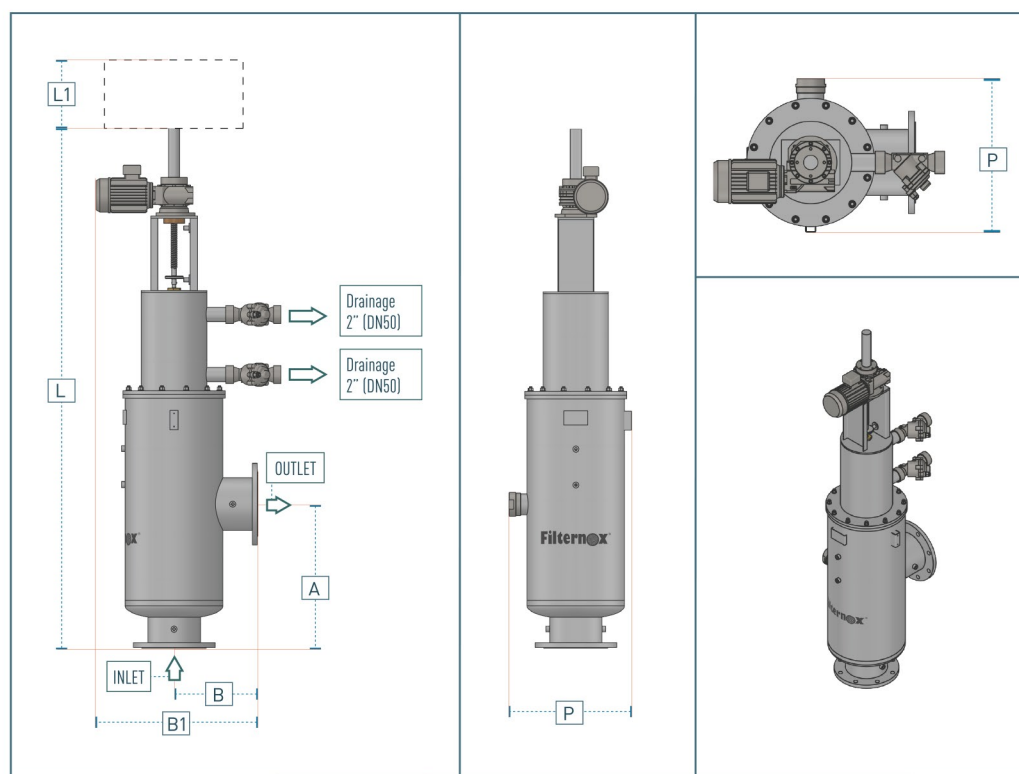
For different pressure and material requirements, please contact Filternox.

Optional Features

Alternative Energy Sources
Solar Energy

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

SPT-WBV-MR Model Dimensions



■ The tolerance value for given data is according to DIN ISO 2768-1(v).

■ For larger filtration area, please contact Filternox.

| Model | Inlet-Outlet Diameter | | Dimensions | | | | | | Weight | | Flow Rate | Filtration Area |
|-------------------|-----------------------|-----|------------|-----|-----|------|-----|-----|--------|------|-------------------|-----------------|
| | | | A | B | B1 | L | L1 | P | Empty | Full | | |
| | inch | mm | mm | | | | | | kg | | m ³ /h | cm ² |
| SPT-WBV 110203-MR | 3 | 80 | 450 | 257 | 557 | 1765 | 600 | 373 | 80 | 135 | up to 60 | 2500 |
| SPT-WBV 114204-MR | 4 | 100 | 450 | 298 | 598 | 1765 | 600 | 445 | 90 | 145 | up to 80 | 3200 |
| SPT-WBV 114304-MR | 4 | 100 | 500 | 298 | 598 | 1965 | 600 | 455 | 100 | 160 | up to 120 | 4800 |
| SPT-WBV 114306-MR | 6 | 150 | 500 | 308 | 608 | 1975 | 600 | 455 | 105 | 170 | up to 140 | 4800 |
| SPT-WBV 116308-MR | 8 | 200 | 500 | 333 | 633 | 1970 | 600 | 505 | 120 | 220 | up to 200 | 6000 |
| SPT-WBV 116410-MR | 10 | 250 | 650 | 353 | 653 | 2190 | 600 | 505 | 140 | 260 | up to 360 | 7800 |
| SPT-WBV 118412-MR | 12 | 300 | 650 | 409 | 709 | 2180 | 600 | 555 | 160 | 290 | up to 400 | 8500 |
| SPT-WBV 120414-MR | 14 | 350 | 700 | 434 | 734 | 2240 | 600 | 608 | 195 | 350 | up to 500 | 10000 |

