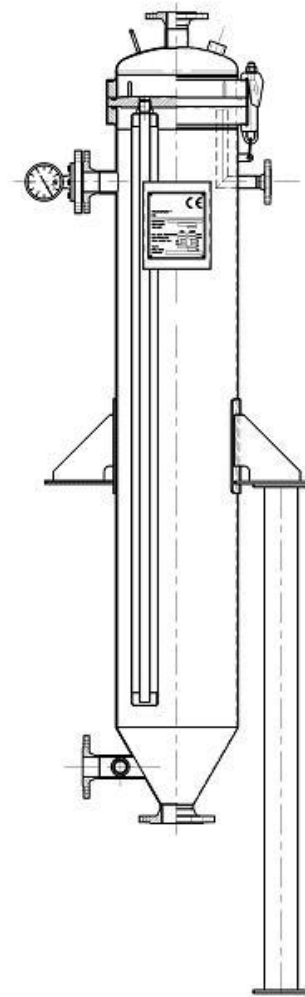


Polishing Filter PTSWCD

1. Introduction

For typical polishing applications and/or tank filling applications Filtration Group offers a special range of pulse tube back wash filter equipment with tubular elements cleaned by the back wash principle. Filter elements can be wire mesh, cloth covered or wedge wire elements to suit the filtration needs of the application. All elements are suspended from a tube-sheet clamped between the cover and the tank flange. The PTSWCD filter can be easily integrated in the existing process and it's sequence can be automated completely.



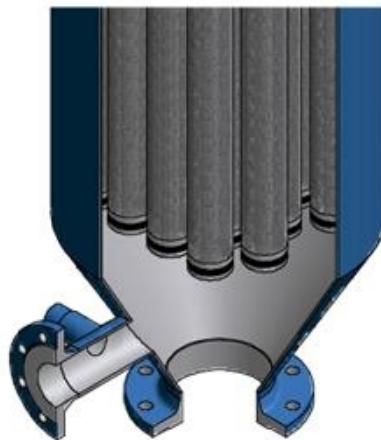
2. Standard specifications

| | |
|-------------------------------|---|
| Material tank | : Carbon steel or stainless steel |
| Material filter elements | : Stainless steel |
| Design pressure | : 6/-1 bar (g) (Other pressures upon request) |
| Design temperature | : 150 °C (Other temperatures upon request) |
| Operating temperature | : depending on the filter media and gaskets used |
| Design | : ASME |
| Filter medium | : Needle felt, mono/multifilament cloth, wedge wire |
| Approval | : PED 97/23/EC ASME U-stamp others on request |
| Maximum differential pressure | : 4.5 bar |



3. Connection

- Filter equipment with connections for feed/product inlet; filtrate outlet; slurry drain, vent
- Pressure gauge connection
- 2x Instrument connection
- Nozzles: DIN OR ANSI, RF, WN
- Filter with bracket for floor mounting or support legs



4. Models

| Model | Filter Area [m ²] | Number of filter elements | Max. Vessel volume [l] | Pulse buffer tank volume [l] | Weight empty (with elements) [kg] |
|-------------------------|-------------------------------|---------------------------|------------------------|------------------------------|-----------------------------------|
| PTSWCD-324/1500/2.4/7 | 2.4 | 7 | 150 | 20 | 292 |
| PTSWCD-406/1500/4.5/13 | 4.5 | 13 | 250 | 30 | 378 |
| PTSWCD-508/1500/7.6/22 | 7.6 | 22 | 360 | 50 | 482 |
| PTSWCD-610/1500/12.8/37 | 12.8 | 37 | 580 | 75 | 672 |
| PTSWCD-711/1500/19/55 | 19 | 55 | 750 | 100 | 830 |

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