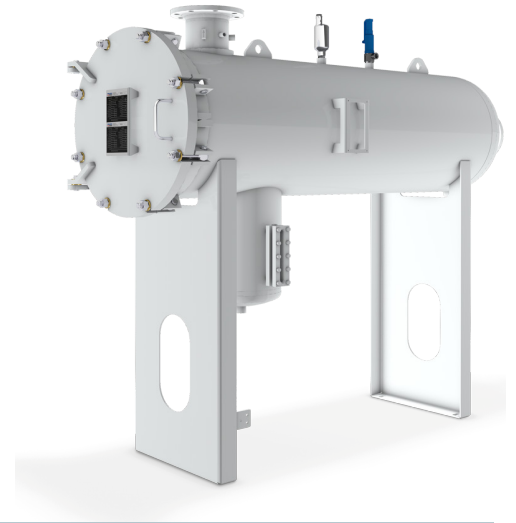


Qualified to specification EI 1581 6th Edition, Category C, Type S

The filter/water separator FW6 is designed to be compliant with procedural guidelines, applicable legal regulations and requirements of the pressure vessel regulation AD2000. Additional pressure vessel standards can be met with these assemblies as well. The filter vessels incorporate flat sealed coalescer elements and reusable separator elements.



Application Area

- Horizontal filter vessels for fixed installation

Technical Data

- | | |
|----------------------------|-----------------------------------|
| • Design and construction: | EI 1596 3rd Edition |
| • Design pressure: | Designed to pressure requirements |
| • Flow rate: | Up to 4680 lpm (1236 USgpm) |

Standard Design

- | | |
|---------------|-----------------------------------------|
| • Material: | Carbon steel (other version on request) |
| • Interior: | Epoxy coating according to EI 1541 |
| • Exterior: | Prime coated |
| • Cover seal: | NBR (Buna-N) |

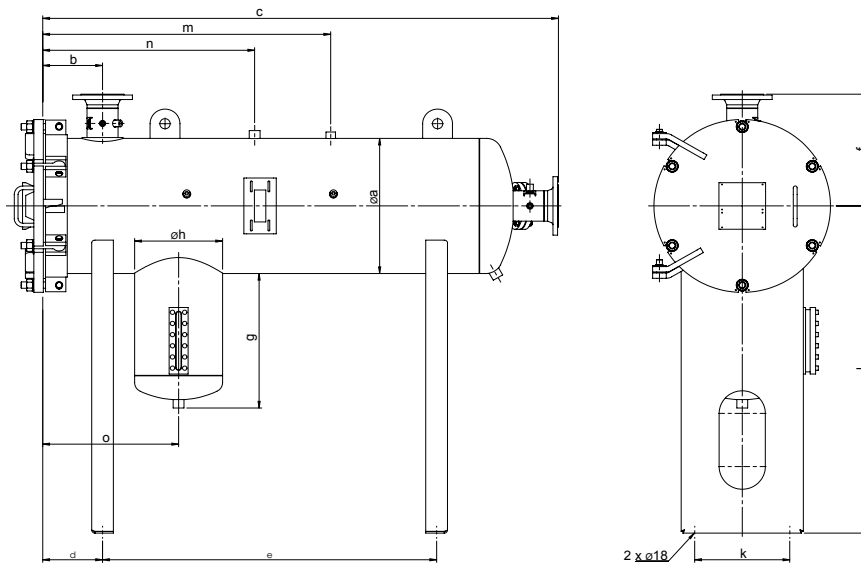
Recommended Accessories

- Differential pressure gauge
- Manual drain valve
- Automatic air eliminator
- Pressure relief valve
- Sump heater
- Electronic sensors

Order Reference

| Vessel | Coalescer Elements | | Separator Elements | | Flow Rates | |
|-----------|--------------------|----------|--------------------|----------|------------|-------|
| Model No. | Model | Quantity | Model | Quantity | lpm | USgpm |
| FW6-2 | P.3-842 | 2 | 300 62 12 | 1 | 720 | 190 |
| FW6-3 | P.3-842 | 3 | 300 63 80 | 1 | 1080 | 285 |
| FW6-4 | P.3-842 | 4 | 300 62 75 | 1 | 1440 | 380 |
| FW6-5 | P.3-842 | 5 | 300 63 36 | 1 | 1800 | 475 |
| FW6-7 | P.3-842 | 7 | 300 63 37 | 1 | 2520 | 665 |
| FW6-8 | P.3-842 | 8 | 300 62 74 | 1 | 2880 | 760 |
| FW6-9 | P.3-842 | 9 | 300 63 38 | 1 | 3240 | 855 |
| FW6-11 | P.3-842 | 11 | 300 63 39 | 1 | 3960 | 1046 |
| FW6-13 | P.3-842 | 13 | 300 63 40 | 1 | 4680 | 1236 |

Dimensions



| Model No. | Connections | | Dimensions in mm | | | | | | | | | | | | |
|-----------|-------------|------|------------------|-----|-------|-----|-------|-----|------|-----|-----|-------|-------|-------|-----|
| | DIN | ANSI | Ø a | b | c | d | e | f | g | Ø h | k | l | m | n | o |
| FW6- 2 | DN 80 | 3" | 356 | 220 | 1.666 | 220 | 1.050 | 340 | ~505 | 324 | 200 | 1.230 | 960 | 680 | 500 |
| FW6- 3 | DN 100 | 4" | 406 | 230 | 1.771 | 220 | 1.110 | 370 | ~505 | 324 | 250 | 1.230 | 1.040 | 760 | 500 |
| FW6- 4 | DN 100 | 4" | 457 | 230 | 1.856 | 220 | 1.200 | 397 | ~505 | 324 | 300 | 1.230 | 1.080 | 800 | 500 |
| FW6- 5 | DN 100 | 4" | 508 | 230 | 1.909 | 220 | 1.230 | 422 | ~505 | 324 | 350 | 1.230 | 1.060 | 780 | 500 |
| FW6- 7 | DN 150 | 6" | 559 | 330 | 2.086 | 220 | 1.400 | 462 | ~505 | 324 | 400 | 1.230 | 1.180 | 880 | 500 |
| FW6- 8 | DN 150 | 6" | 610 | 330 | 2.074 | 220 | 1.370 | 487 | ~505 | 324 | 450 | 1.230 | 1.250 | 950 | 500 |
| FW6- 9 | DN 150 | 6" | 660 | 330 | 2.082 | 220 | 1.370 | 511 | ~505 | 324 | 500 | 1.300 | 1.250 | 950 | 500 |
| FW6-11 | DN 150 | 6" | 711 | 320 | 2.026 | 220 | 1.310 | 541 | ~505 | 324 | 550 | 1.300 | 1.200 | 900 | 500 |
| FW6-13 | DN 200 | 8" | 750 | 400 | 2.124 | 220 | 1.380 | 565 | ~505 | 324 | 600 | 1.300 | 1.300 | 1.000 | 500 |