

MULTI CARTRIDGES FILTER VESSELS “PW” SERIES

Leaflet C-05-02



FLUXA

Fluxa
Filtri
S.p.A.

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MULTI CARTRIDGES FILTER VESSELS “PW” SERIES FOR MEDIUM AND HIGH OUTPUTS

- *Designed and manufactured in accordance with the requirements of PED 97/23/EC directive*
- *EC stamp available if applicable*
- *Suitable for severe operating conditions and designed according with the process requirements*
- *Stainless steel and carbon steel construction. Upon request available special materials for critical fluids*
- *For std figures flow rates up to 450 mc/h. For higher flow rates pls contact our engineers.*
- *PW series fit both double open end and single open end*

APPLICATIONS

- *Industrial process filters*
- *Ro prefilters*
- *Drinking and process water*
- *Paints and coatings*
- *Solvents and critical fluids*
- *Hydrocarbons*
- *Detergents*

FEATURES

- *Designed in accordance with local codes and customers' specification. Designed for low pressure drops*
- *Upon request quick closure mechanism available (screw clamp, tie rods, davit)*
- *EPDM, Buna-N, PTFE gaskets available for temperatures up to 260 °C. For higher temperatures pls. contact our engineers*
- *Flanged or threaded connections available std figures with side inlet-side outlet (z) in line (a) or side inlet-bottom outlet (l) upon request.*



| MODEL | N° Filter cartridges Length (") | A (mm) | B (mm) | C (mm) | D (mm) | DN (IN/OUT) connections | Weight Kg approximate | Nominal flow rate (lt/h) * |
|-----------------|---------------------------------|-------------|-------------|------------|-------------|-------------------------|-----------------------|----------------------------|
| PW 03-10 | 3 – 10 | 330 | 600 | 450 | 1000 | DN 40 | 40 | 1.500 |
| PW 03-20 | 3 – 20 | 330 | 600 | 450 | 1250 | DN 40 | 48 | 9.000 |
| PW 03-30 | 3 – 30 | 330 | 600 | 450 | 1500 | DN 40 | 54 | 13.500 |
| PW 03-40 | 3 – 40 | 330 | 600 | 450 | 1750 | DN 40 | 60 | 18.000 |
| PW 06-10 | 6 – 10 | 430 | 680 | 470 | 1050 | DN 50 | 55 | 9.000 |
| PW 06-20 | 6 – 20 | 430 | 680 | 470 | 1300 | DN 80 | 65 | 18.000 |
| PW 06-30 | 6 – 30 | 430 | 680 | 470 | 1550 | DN 80 | 75 | 27.000 |
| PW 06-40 | 6 – 40 | 430 | 680 | 470 | 1800 | DN 80 | 85 | 36.000 |
| PW 09-20 | 9 – 20 | 500 | 720 | 510 | 1370 | DN 80 | 90 | 27.000 |
| PW 09-30 | 9 – 30 | 500 | 720 | 510 | 1620 | DN 80 | 100 | 40.500 |
| PW 09-40 | 9 – 40 | 500 | 720 | 510 | 1870 | DN 80 | 110 | 54.000 |
| PW 12-30 | 12 – 30 | 630 | 820 | 590 | 1800 | DN 100 | 160 | 54.000 |
| PW 12-40 | 12 – 40 | 630 | 820 | 590 | 2050 | DN 100 | 180 | 72.000 |
| PW 18-30 | 18 – 30 | 800 | 930 | 640 | 1900 | DN 150 | 310 | 81.000 |
| PW 18-40 | 18 – 40 | 800 | 930 | 640 | 2150 | DN 150 | 330 | 108.000 |
| PW 25-30 | 25 – 30 | 860 | 950 | 660 | 1950 | DN 150 | 420 | 112.500 |
| PW 25-40 | 25 – 40 | 860 | 950 | 660 | 2200 | DN 150 | 450 | 150.000 |
| PW 34-30 | 34 – 30 | 910 | 970 | 680 | 2000 | DN 150 | 550 | 153.000 |
| PW 34-40 | 34 – 40 | 910 | 970 | 680 | 2250 | DN 150 | 580 | 204.000 |
| PW 55-30 | 55 – 30 | 1100 | 1070 | 730 | 2200 | DN 200 | 660 | 247.000 |
| PW 55-40 | 55 – 40 | 1100 | 1070 | 730 | 2450 | DN 200 | 700 | 330.000 |
| PW 85-30 | 85 – 30 | 1300 | 1250 | 860 | 2400 | DN 250 | 830 | 382.500 |
| PW 85-40 | 85 – 40 | 1300 | 1250 | 860 | 2650 | DN 250 | 880 | 510.000 |

NOTE: A, B, C, D, are approximate dimensions

* Nominal flow rate refers to liquids with viscosity 1 cst, 10 micron filtration rating, and of 0.2 bar pressure drop in clean conditions.

ALSO AVAILABLE: other dimensions and other types of connections.

FILTER CARTRIDGES

These filter housings are suitable to fit any model of Fluxa cartridges

- Filopor filter cartridges (E-01 Leaflet)
- Probond™ filter cartridges (E-05 Leaflet)
- Poliflo filter cartridges (E-09 Leaflet)
- Poliflo "S" filter cartridges (E-11 Leaflet)
- Deltapor filter cartridges (E-03 E-04 Leaflet)
- Porous materials filter cartridges (E-06 Leaflet)
- Flusint sintered stainless steel powder (E-19 Leaflet)
- Sintered stainless steel microfibers cartridges (E-20 Leaflet)
- Fluxamash stainless steel wire mesh cartridges (E-18 Leaflet)
- Carbopor activated carbon cartridges (E-02 Leaflet)

