

AUTOMATIC SELF CLEANING WATER FILTER

FW250

FW250 · FW · DN 250 · Hydraulic drive

Large piston-driven automatic filter. DN250. Flow rate 400 m³/h. Hydraulic drive.

TECHNICAL DATASHEET



SCAN FOR PRODUCT PAGE

filtaworx.com/products/automatic-filters/fw250



KEY FEATURES

- Hydraulic Drive – No External Power
- Suction Scanning Technology
- Continuous Flow
- 15–17 Second Flush Cycle
- PN10/PN16 Pressure Rating
- SS304/SS316 Options

SPECIFICATIONS

| | |
|--------------------|-----------------------|
| Drive Type | Hydraulic |
| Filter Size | DN250 |
| Flow Rate | 400 m ³ /h |
| Filtration Area | 8,115 cm ² |
| Operating Pressure | 2.0–10 bar |
| Max Temperature | 65 °C |
| Rinse Cycle | 15–17 seconds |

02 • DIMENSIONS

Dimensions

TABLE 1 Data & Weights

| Model | DN | Flowrate | Filter area | Weight (Std) | Weight (HP) |
|-------|-------|-----------------------|-----------------------|--------------|-------------|
| FW250 | DN250 | 400 m ³ /h | 8,115 cm ² | 170 kg | 200 kg |

TABLE 2 Dimensions

| Dimension | Value |
|-----------------|-----------------------------------|
| Inlet / Outlet | DN250 (10") |
| Body Ø | 356 mm |
| Centre distance | 900 mm |
| Body O/A length | 2,050 mm |
| Filtration area | 8,115 cm ² |
| Flow rate | 400 m ³ /h (1,761 gpm) |

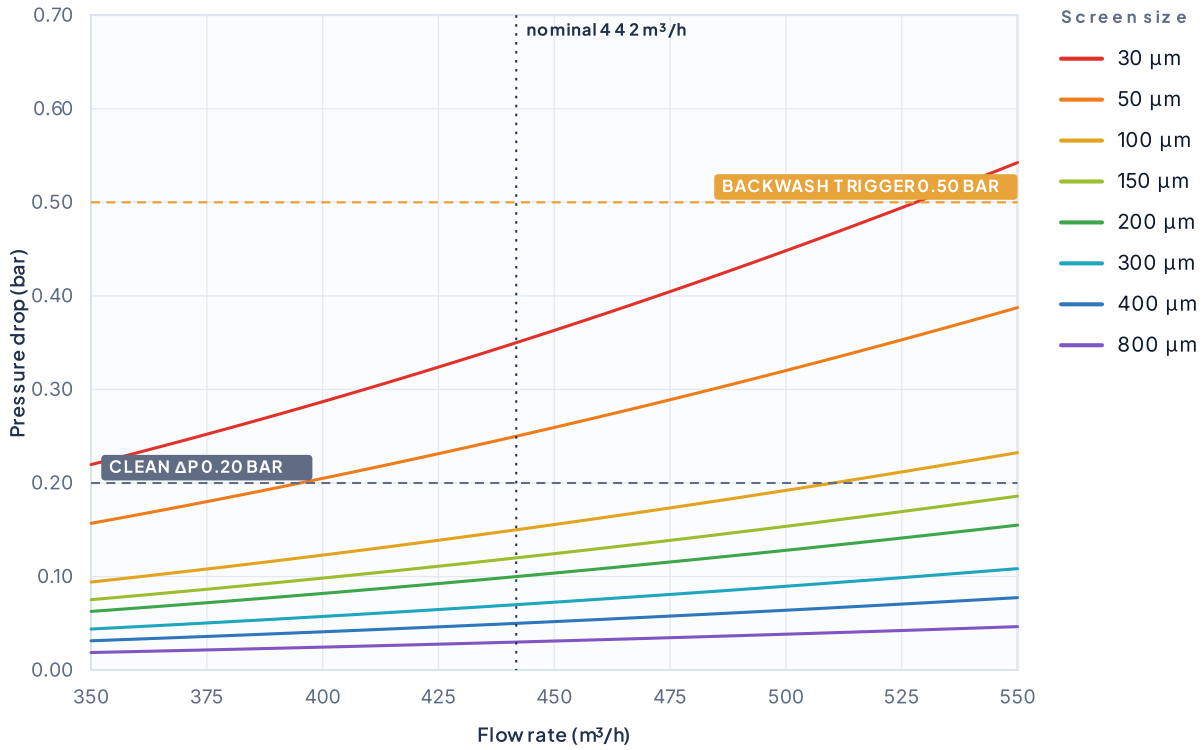
TABLE 3 Shipping & weights

| Item | Value |
|-------------------------------|--------------------|
| Packed dimensions (L x W x H) | 280 x 55 x 76 cm |
| Shipping volume | 1.2 m ³ |
| Weight — standard | 170 kg (375 lb) |
| Weight — high pressure | 200 kg (440 lb) |

03 • PERFORMANCE

Performance

PERFORMANCE Pressure Drop vs Flow



Curves: $dp(q) = r \cdot q^2$ across available screen sizes. Source per screen — 30µm : estimated · 50µm : estimated · 100µm : estimated · 150µm : estimated · 200µm : estimated · 300µm : estimated · 400µm : estimated · 800µm : estimated.

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