

AUTOMATIC SELF CLEANING WATER FILTER

FW080

FW080 · FW · DN 80 · Hydraulic drive

Compact automatic filter. DN80. Flow rate 50 m³/h.
Hydraulic drive.

TECHNICAL DATASHEET



SCAN FOR PRODUCT PAGE

filtaworx.com/products/automatic-filters/fw080



KEY FEATURES

- No External Power Required
- Continuous Flow During Backwash
- Compact Design
- Moulded Plastic Screen
- 5–7 Second Rinse Cycle
- BSP and Flanged Connections
- PN10/PN16 Pressure Rating
- SS304/SS316 Options

SPECIFICATIONS

Drive Type	Hydraulic
Filter Size	DN80
Flow Rate	50 m ³ /h
Filtration Area	1,220 cm ²
Filtration Degree	50, 80, 100, 120, 150, 200, 300, 400, 800 µm
Operating Pressure	2.0–10 bar
Max Temperature	65 °C
Rinse Cycle	5–7 seconds

02 • DIMENSIONS

Dimensions

TABLE 1 Data & Weights

Model	DN	Flowrate	Filter area	Weight (Std)	Weight (HP)
FW080	DN80	50 m ³ /h	1,220 cm ²	25 kg	45 kg

TABLE 2 Dimensions

Dimension	Value
Inlet / Outlet	DN80 (3")
Body Ø	273 mm
Centre distance	—
Body O/A length	298 mm
Filtration area	1,220 cm ²
Flow rate	50 m ³ /h (220 gpm)

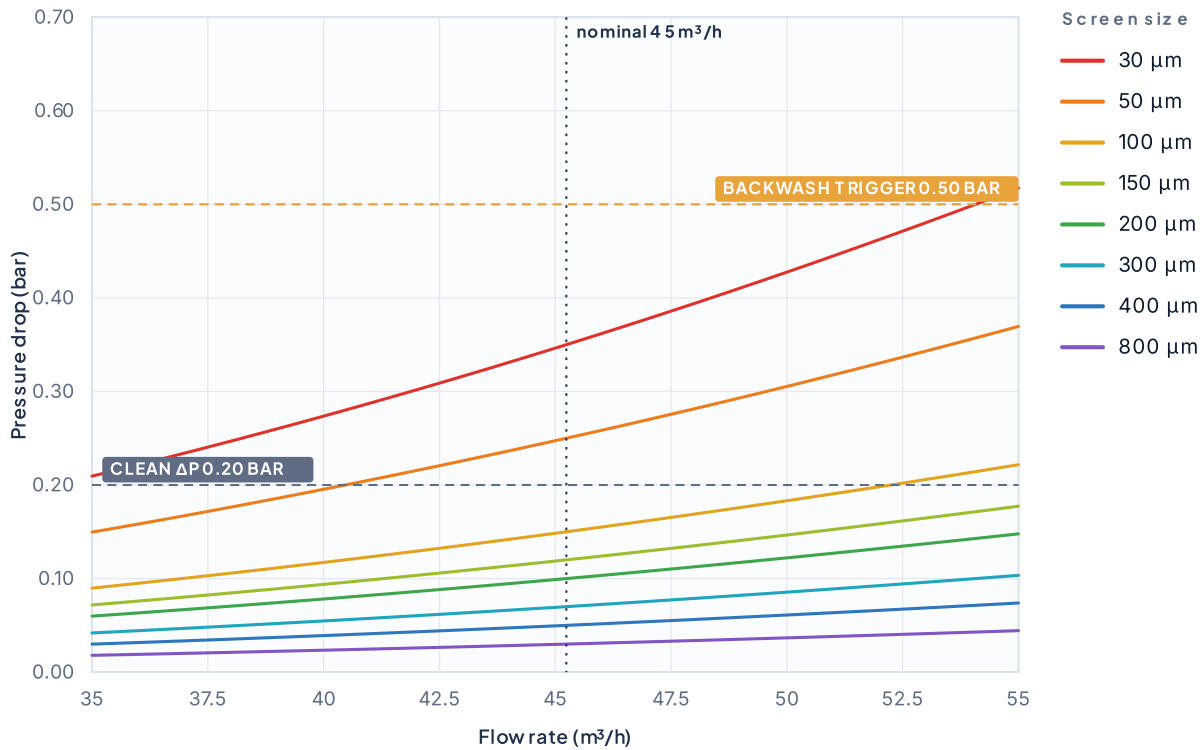
TABLE 3 Shipping & weights

Item	Value
Packed dimensions (L × W × H)	71 × 52 × 57 cm
Shipping volume	0.21 m ³
Weight — standard	25 kg (55 lb)
Weight — high pressure	45 kg (100 lb)

03 • PERFORMANCE

Performance

PERFORMANCE Pressure Drop vs Flow



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

TYPICAL APPLICATIONS

Agriculture & Irrigation · Water Sources · Cooling Towers · Food & Beverage

Filtaworx · Australian manufacturer of automatic self-cleaning filters

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