

AUTOMATIC SELF CLEANING WATER FILTER

FW100

FW100 · FW · DN 100 · Hydraulic drive

Compact automatic filter. DN100. Flow rate 80 m³/h.
Hydraulic drive.

TECHNICAL DAT ASHEET



SCAN FOR PRODUCT PAGE

filtaworx.com/products/automatic-filters/fw100



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	DN100
Flow Rate	80 m³/h
Filtration Area	1,980 cm²
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)
FW100	DN100	80 m ³ /h	1,980 cm ²	32 kg	47 kg

TABLE 2 Dimensions

Dimension	Value
Inlet / Outlet	DN100 (4")
Body Ø	273 mm
Centre distance	—
Body O/A length	414 mm
Filtration area	1,980 cm ²
Flow rate	80 m ³ /h (352 gpm)

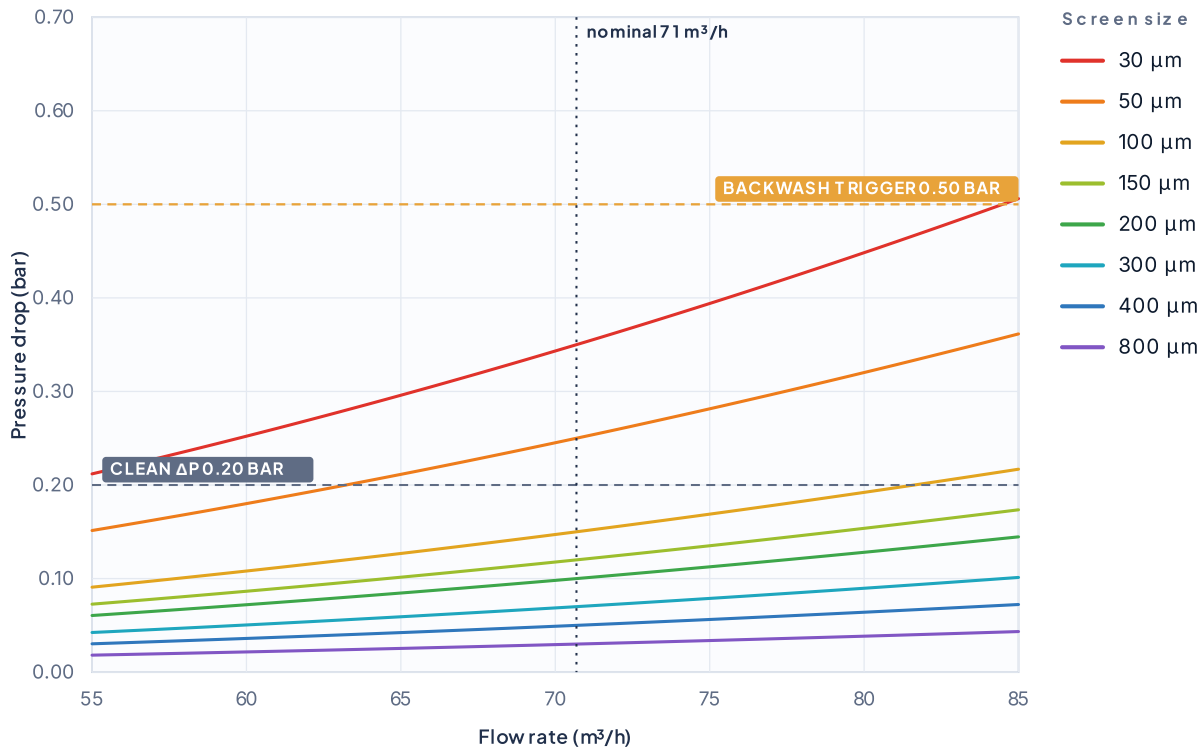
TABLE 3 Shipping & weights

Item	Value
Packed dimensions (L × W × H)	71 × 52 × 57 cm
Shipping volume	0.21 m ³
Weight — standard	32 kg (72 lb)
Weight — high pressure	47 kg (105 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

filtaworx.com/products/automatic-filters/fw100