

**AUTOMATIC SELF CLEANING WATER FILTER**

**FW100EX**

FW100EX · FW · DN 100 · Hydraulic drive

Large piston-driven automatic filter. DN100. Flow rate 100 m<sup>3</sup>/h. Hydraulic drive.

TECHNICAL DAT ASHEET



SCAN FOR PRODUCT PAGE

[filtaworx.com/products/automatic-filters/fw100ex](https://filtaworx.com/products/automatic-filters/fw100ex)



**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	DN100
Flow Rate	100 m <sup>3</sup> /h
Filtration Area	5,600 cm <sup>2</sup>
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)
FW100EX	DN100	100 m <sup>3</sup> /h	5,600 cm <sup>2</sup>	90 kg	111 kg

**TABLE 2** Dimensions

Dimension	Value
Inlet / Outlet	DN100 (4")
Body Ø	273 mm
Centre distance	900 mm
Body O/A length	1,390 mm
Filtration area	5,600 cm <sup>2</sup>
Flow rate	100 m <sup>3</sup> /h (440 gpm)

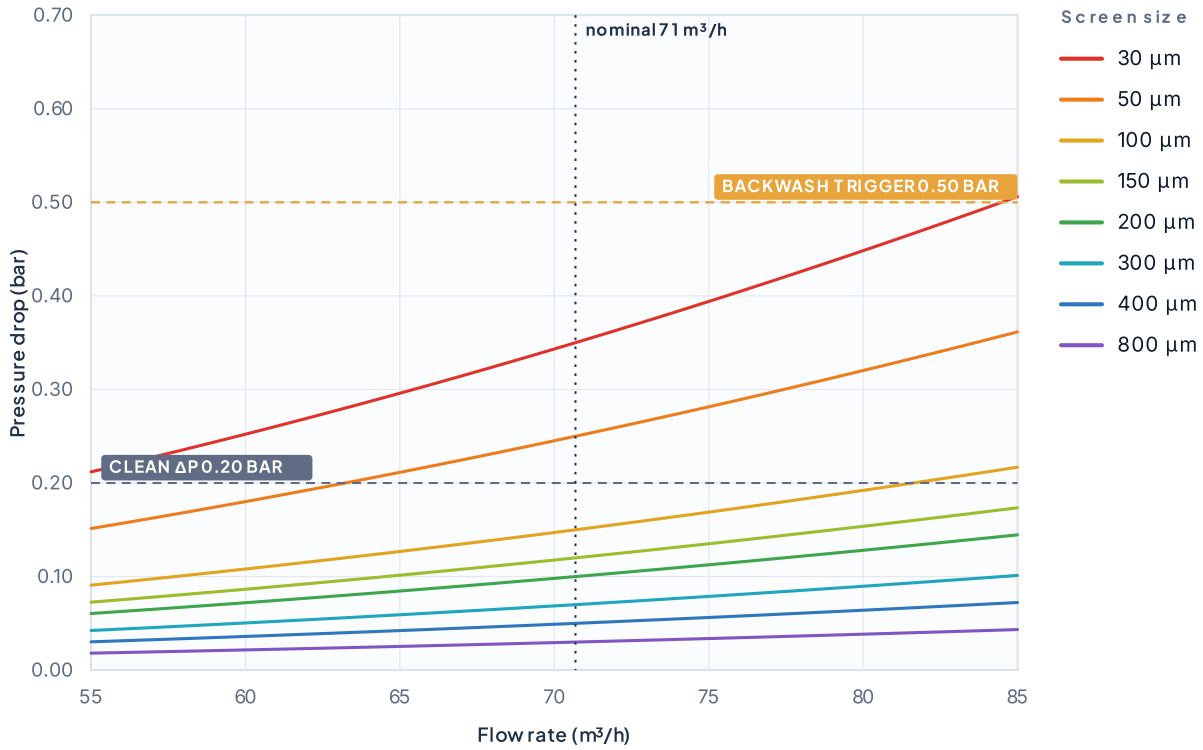
**TABLE 3** Shipping & weights

Item	Value
Packed dimensions (L x W x H)	220 x 56 x 71 cm
Shipping volume	0.88 m <sup>3</sup>
Weight — standard	90 kg (200 lb)
Weight — high pressure	111 kg (245 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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