

AUTOMATIC SELF CLEANING WATER FILTER

FW300

FW300 · FW · DN 300 · Hydraulic drive

Large piston-driven automatic filter. DN300. Flow rate 600 m³/h. Hydraulic drive.

TECHNICAL DATASHEET



SCAN FOR PRODUCT PAGE

filtaworx.com/products/automatic-filters/fw300



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	DN300
Flow Rate	600 m ³ /h
Filtration Area	10,415 cm ²
Filtration Degree	30, 50, 80, 100, 120, 150, 200, 300, 400, 800 µm
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)
FW300	DN300	600 m ³ /h	10,415 cm ²	240 kg	280 kg

TABLE 2 Dimensions

Dimension	Value
Inlet / Outlet	DN300 (12")
Body Ø	406 mm
Centre distance	1,100 mm
Body O/A length	2,531 mm
Filtration area	10,415 cm ²
Flow rate	600 m ³ /h (2,642 gpm)

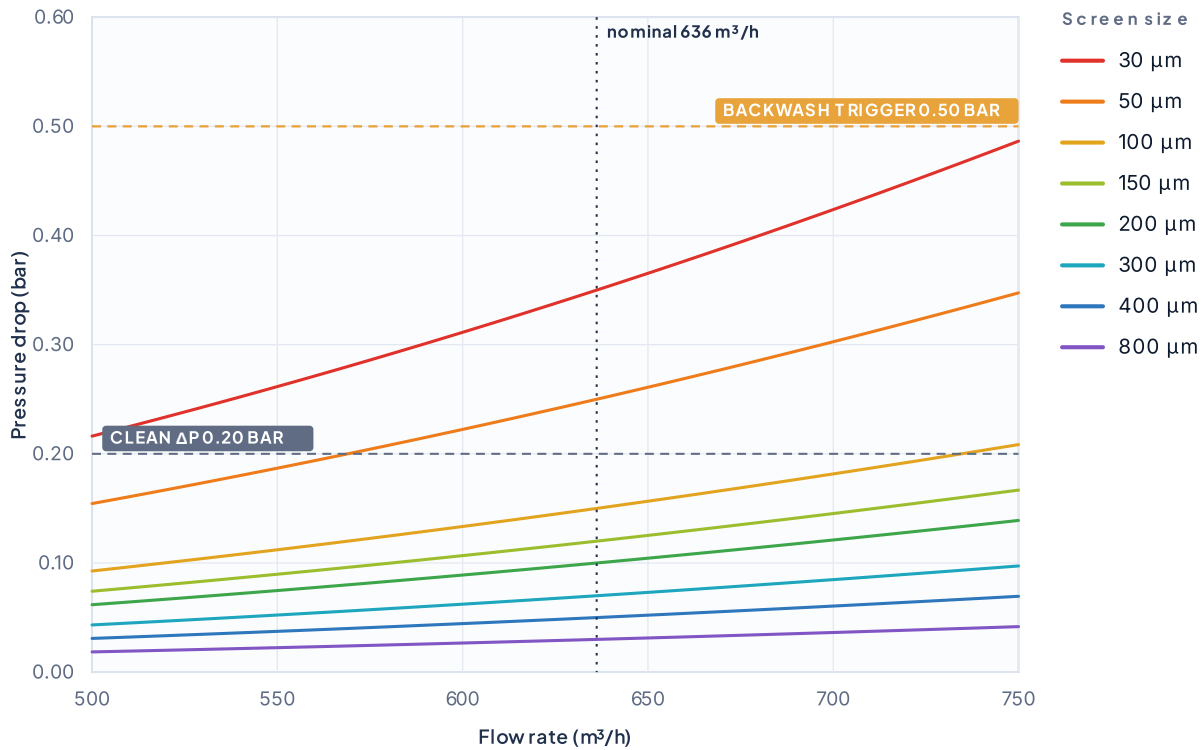
TABLE 3 Shipping & weights

Item	Value
Packed dimensions (L × W × H)	340 × 63 × 83 cm
Shipping volume	1.3 m ³
Weight — standard	240 kg (530 lb)
Weight — high pressure	280 kg (618 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.

TYPICAL APPLICATIONS

Agriculture & Irrigation · Water Sources · Cooling Towers · Industrial Water · Mining

Filtaworx · Australian manufacturer of automatic self-cleaning filters

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