

ELECTRIC DRIVE SELF CLEANING WATER FILTER

FED300

FED300 · FED · DN 300 · Electric drive

Electric motor drive automatic filter. DN300. Flow rate 600 m³/h.

TECHNICAL DAT ASHEET



SCAN FOR PRODUCT PAGE

filtaworx.com/products/automatic-filters/fed300



KEY FEATURES

- Electric Gear Motor Drive
- Precise Backwash Control
- Self-Reversing Drive Shaft
- Suction Nozzle Cleaning
- Wide Pressure Range: 0.5–16 bar
- PLC Controller Integration

SPECIFICATIONS

Drive Type	Electric
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	0.5–16 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)
FED300	DN300	600 m ³ /h	10,415 cm ²	240 kg	550 kg (full)

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)

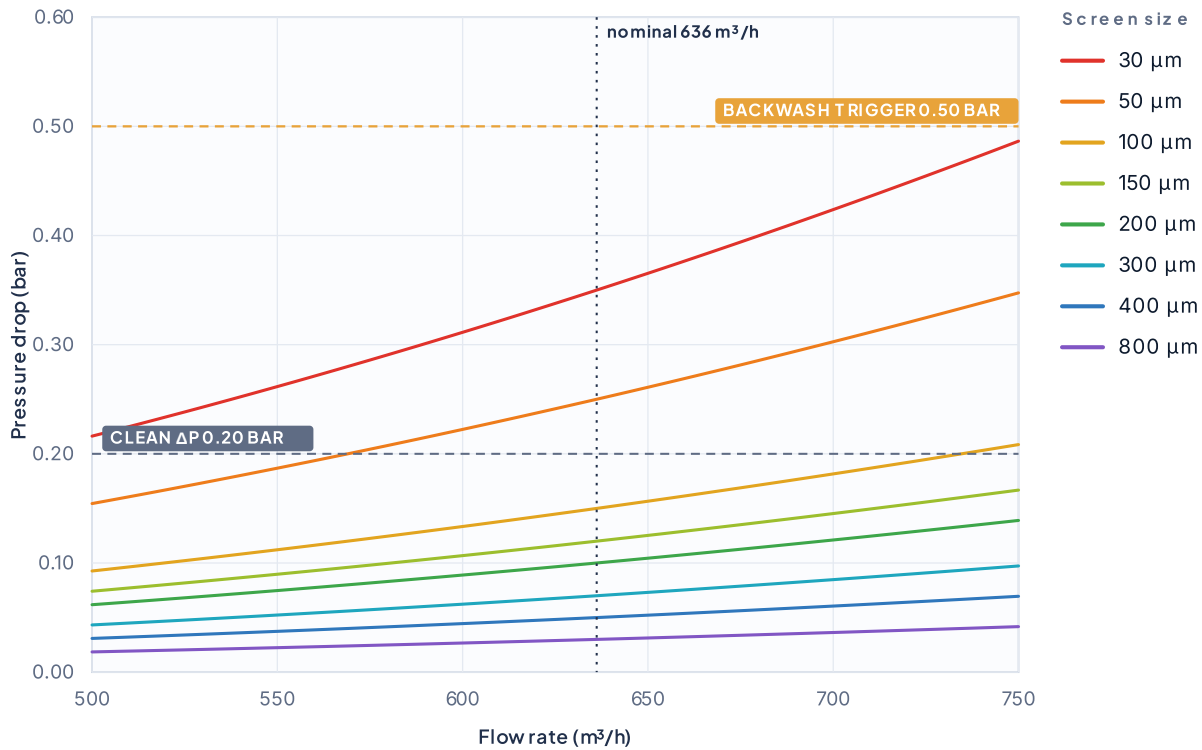
TABLE 3 Shipping & weights

Item	Value
Packed dimensions (L x W x H)	340 x 63 x 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 — 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 · Industrial Water · Mining

Filtaworx · Australian manufacturer of automatic self-cleaning filters

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