

## ELECTRIC DRIVE SELF CLEANING WATER FILTER

# FED150

FED150 · FED · DN 150 · Electric drive

Electric motor drive automatic filter. DN150. Flow rate 150 m<sup>3</sup>/h.

### TECHNICAL DAT ASHEET



### SCAN FOR PRODUCT PAGE

[filtaworx.com/products/automatic-filters/fed150](https://filtaworx.com/products/automatic-filters/fed150)



## 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        | DN150                                            |
| Flow Rate          | 150 m <sup>3</sup> /h                            |
| Filtration Area    | 5,603 cm <sup>2</sup>                            |
| 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 &amp; Weights

| Model  | DN    | Flowrate              | Filter area           | Weight (Std) | Weight (HP)   |
|--------|-------|-----------------------|-----------------------|--------------|---------------|
| FED150 | DN150 | 150 m <sup>3</sup> /h | 5,603 cm <sup>2</sup> | 105 kg       | 215 kg (full) |

TABLE 2 Dimensions

| Dimension       | Value                           |
|-----------------|---------------------------------|
| Inlet / Outlet  | DN150 (6")                      |
| Body Ø          | 325 mm                          |
| Centre distance | 900 mm                          |
| Body O/A length | 1,455 mm                        |
| Filtration area | 5,603 cm <sup>2</sup>           |
| Flow rate       | 150 m <sup>3</sup> /h (550 gpm) |

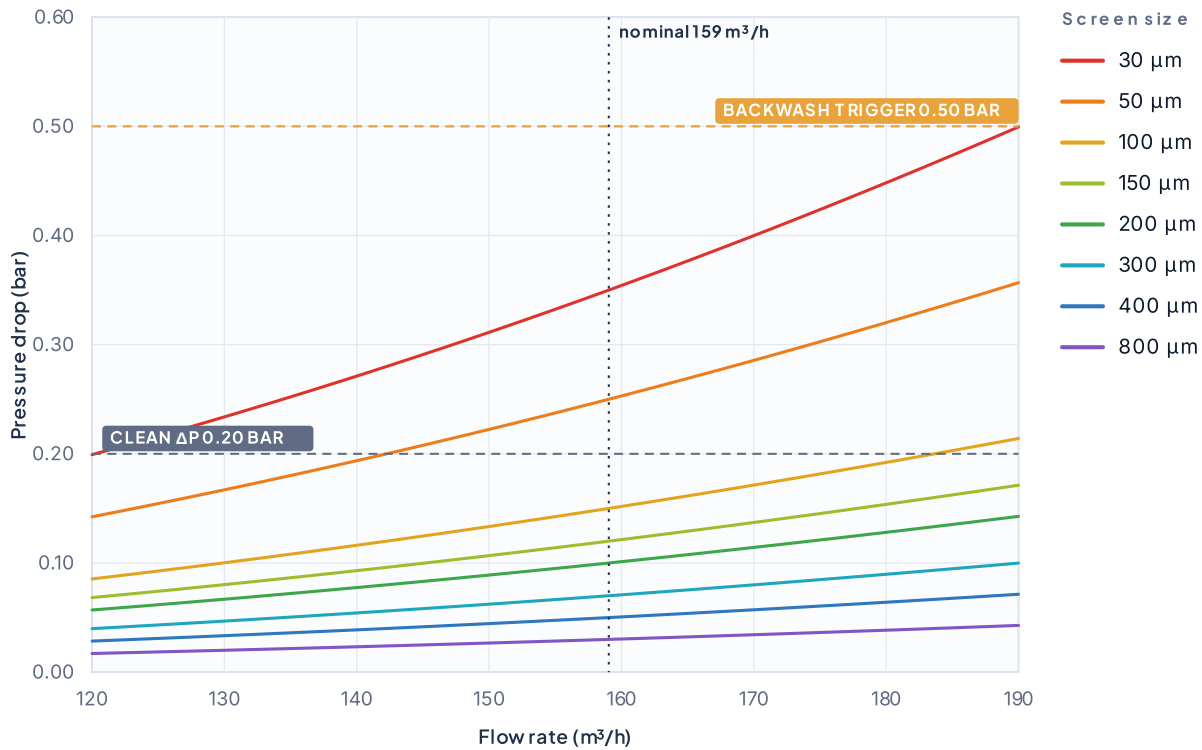
TABLE 3 Shipping &amp; weights

| 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             | 105 kg (235 lb)     |
| Weight — high pressure        | 131 kg (290 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 · Industrial Water · Water Sources · Cooling Towers · Food & Beverage · Mining

Filtaworx · Australian manufacturer of automatic self-cleaning filters

[filtaworx.com/products/automatic-filters/fed150](http://filtaworx.com/products/automatic-filters/fed150)