



# ABW-Series<sup>™</sup>

Commercial

## Automatic backwashing screen water filters

The ABW-Series is a range of reverse rinsing or automatic back wash screen filters that ensure a continuous supply of filtered water. The fine screen filters prevent foreign matter such as iron and suspended solids from passing. This protects pipes and infrastructure by reducing corrosion and sediment build-up. Additionally, these automatic backwashing filters are ideal for UV disinfection system pre-treatment.

### Applications



Drinking  
Water



Rainwater

## At a glance

- Models to suit a range of flow rates from 4 – 200 m<sup>3</sup>/hr
- Filtered water supplied even during reverse rinsing
- Patented reverse rinsing system – fast and thorough cleaning of the filter with small amount of water
- Choice of timed or pressure differential automatic backwashing
- Stainless steel screens with multiple aperture sizes
- European approved



## In-depth look

The ABW-Series is a high flow capacity water filter used to remove sediment and debris in residential or commercial applications. Installed as a prefilter, the ABW-Series improves water quality for other water treatment devices such as RO membranes and UV disinfection systems. It also protects downstream pipes, appliances and fixtures from damage caused by sediment and rust.

- Screen sizes available in 20 µm, 50 µm, 100 µm and 200 µm apertures
- Built-in backwash impeller provides efficient cleaning with supply pressures as low as 22 psi
- Robust backwash mechanism
- No shut-off or disassembly is required for cleaning
- No interruption of flow during backwash
- Time controller automatic backwash with 16 field-selectable backwash intervals
- Pressure differential backwash option increases efficiency by only backwashing when required
- Battery backup to insure completion of backwash cycle despite power loss

## Models & Specifications

Model	Connection size	Flow @ Δp = 0.5 bar	Flow @ Δp = 1 bar
ABW12	½" BSP	3.8 m <sup>3</sup> /hr	4.5 m <sup>3</sup> /hr
ABW34	¾" BSP	5.5 m <sup>3</sup> /hr	7.2 m <sup>3</sup> /hr
ABW1	1" BSP	7.5 m <sup>3</sup> /hr	9.8 m <sup>3</sup> /hr
ABW114	1 ¼" BSP	8.9 m <sup>3</sup> /hr	10.7 m <sup>3</sup> /hr
ABW112	1 ½" BSP	15.6 m <sup>3</sup> /hr	21 m <sup>3</sup> /hr
ABW2	2" BSP	16.5 m <sup>3</sup> /hr	22 m <sup>3</sup> /hr
ABW212	DN65 Flange	48 m <sup>3</sup> /hr	70 m <sup>3</sup> /hr
ABW3	DN80 Flange	78 m <sup>3</sup> /hr	110 m <sup>3</sup> /hr
ABW4	DN100 Flange	100 m <sup>3</sup> /hr	130 m <sup>3</sup> /hr
ABW5	DN125 Flange	100 m <sup>3</sup> /hr	130 m <sup>3</sup> /hr