

Forsta Filters Inc.

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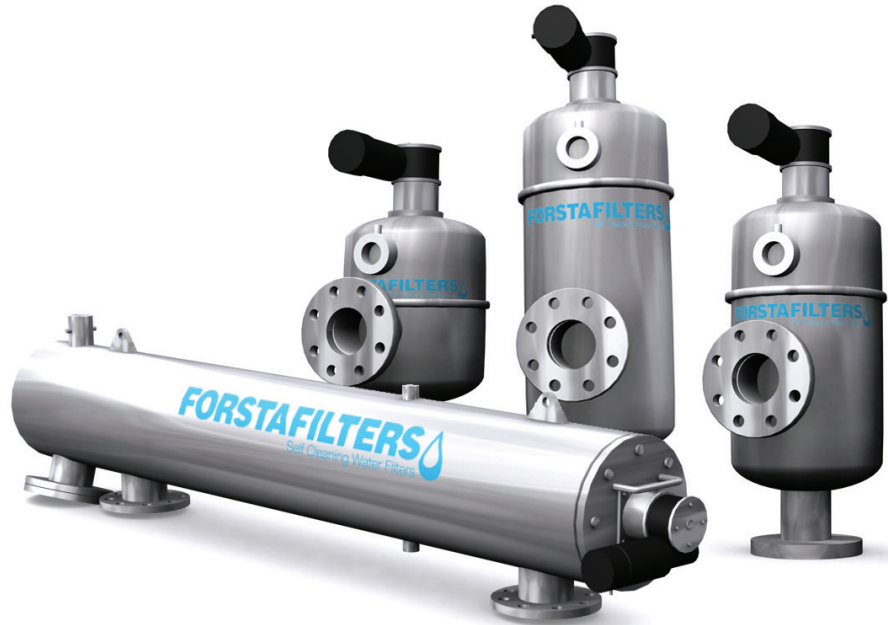
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LOW PRESSURE SERIES

The Low Pressure Series automatic water filters utilize an electric motor to assist cleaning during the backwash cycle.

Low Pressure models make self-cleaning filtration possible at lower pressures. They are necessary where the minimum 35 psi system pressure is not available. Motor Run filters operate at system pressures as low as 15 psi.

All 180 Series, 90 Series and Zero Series filter models can be upgraded to allow Low Pressure irrigation and industrial water filtration.

Filter Characteristics:

- Flow Rate: 15–20,000 gpm
- Flush cycle duration: 6–16 seconds
- Flush valve size: single 1" or 2"
- Screen opening: 20 μ –4000 μ
- Temperature: 210°F
- Flush Volume: 2–50 gallons per backwash
- Working pressure: 15–150 psi
- Material: Stainless Steel or Carbon Steel





LOW PRESSURE SERIES APPLICATIONS

Low Pressure Series filters are ideal for industrial closed loop and side-stream applications. Low pressure units increase the range of applications where self-cleaning screen filters may be used, including cooling towers, heat exchangers, and many other equipment protection applications where system pressure is relatively low.

Low Pressure Series filters also provide an excellent solution for irrigation applications including golf, turf, landscape, agriculture, greenhouse, and nursery. Lower pressure requirements allow for seamless integration, avoiding potential system pump redesign.

Typical material of construction for the filter bodies is stainless steel. Forsta also offers a variety of alternative materials for more corrosive environments. Alternative materials include titanium, carbon steel with epoxy coating, and sea water alloys including duplex 2101, 2205, and super duplex 2507.

LOW PRESSURE SERIES INSTALLATION LAYOUT

