

C+ Series Automatic Hydraulic Suction Scanning Screen Filters Lightweight, Compact and Easy To Service

The C+ Series (clamp-style) horizontal and vertical are an extension of our hydraulic suction scanning filters filter line. Rain Bird's C+ Series are offered in both horizontal models that have a parallel flange configuration and vertical models that have a 90° flange configuration, to accommodate simple installation.

C+ Series horizontal water horizontal filters utilize a two-stage screening process. The initial stage consists of a coarse screen for removal of oversized contaminants, while the second stage removes remaining particles, achieving filtration to your specified level. The filter's backwashing system produces a concentrated high velocity flow to systematically clean the fine sintered screen of any entrapped contaminants. (Note: C+ Series vertical filters only have the fine sintered screen to fit in even tighter spaces).

The C+ models offer the following benefits:

- Compact
- Cost effective
- Lightweight
- Low flush volumes

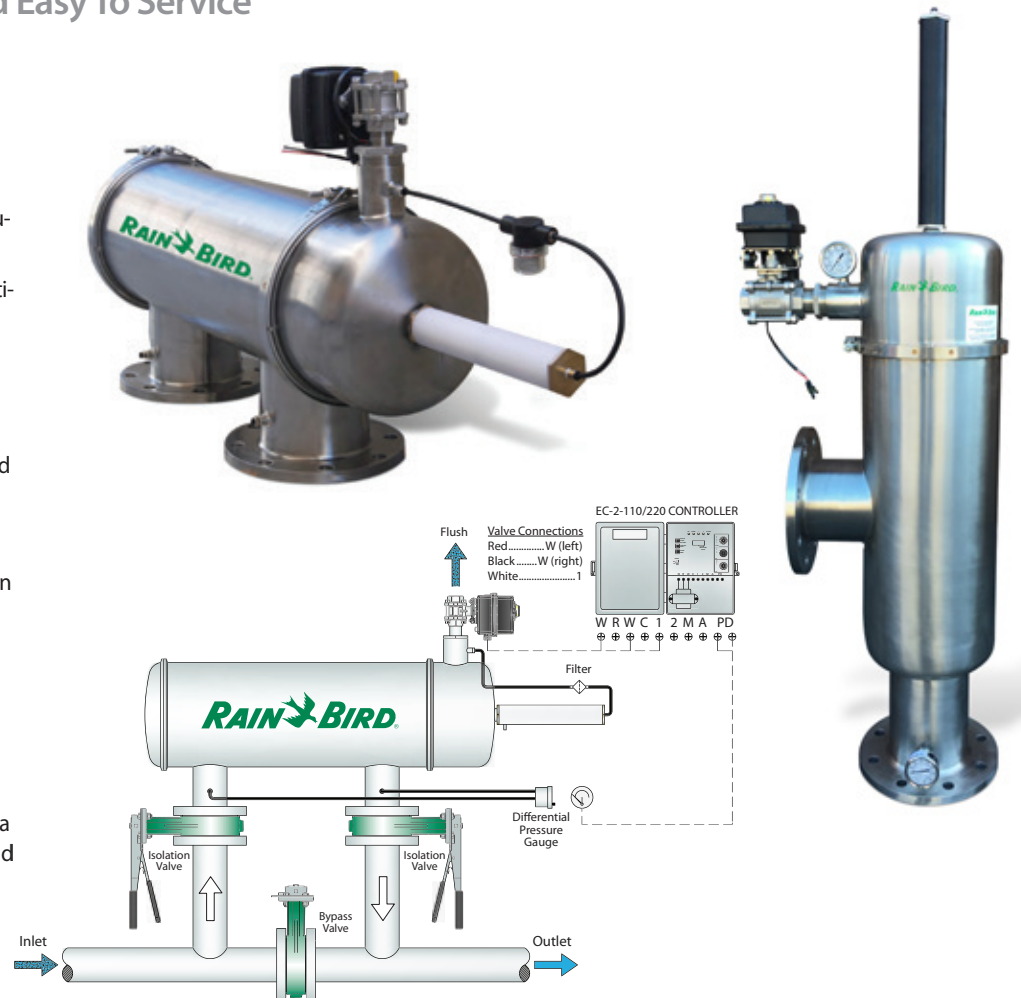
Models are available as a filter unit only, or as a filter assembly including bypass plumbing and valves for fast and easy installation on site.

Typical Micron Sizing:

- Drip 80-100 micron (200-150 mesh)
- Micro sprinklers (jets) 150-200 micron (100- 80 mesh)
- Impact sprinklers and rotors 200-400 micron (40-80 mesh)

Water Quality

Good: TSS ≤ 20 mg/L (ppm)
Fair: TSS ≤ 40 mg/L (ppm)
Poor: TSS ≤ 80 mg/L (ppm)
Bad: TSS ≤ 110 mg/L (ppm)



Features

- Configuration: Horizontal and Vertical
- Service Access: Clamp
- Flow Rates: 15 – 1,000 gpm
- Flush Valve Size: 1" and 1½"
- Standard Screen/Opening: 316 stainless steel sintered screen 100µ, 120 µ, 150µ, 200µ, 300µ, 400µ, 500µ, 800µ and 1000µ
- Temperature: 210° F
- Flush Volume: 1 – 10 gallons per backwash
- Working Pressure: 35 – 150 psi
- Flush Cycle Duration: 2 – 16 seconds
- Standard Controller Options:
 - F2-DCL 9V Controller with hydraulic rinse valve.
 - F2-AC Controller with electric rinse valve.
- Material: Standard 304 Stainless Steel or Duplex Alloy
 - Optional: 316 stainless steel priced upon request
- Custom bypass manifold priced upon request.

