



Irrigation Design, Sales, and Installation

501 N. GATEWAY • MADERA CA • 93637
PHONE: 559 673 9269 • FAX: 559 673 9260

Sand Media Filter Maintenance and Inspection

- Inspect all components of the filter station that are subject to normal wear or may have been altered since last irrigation including, but not limited to: pressure gauges, drains, pressure relief valves, ball valves, flow meter, port holes, backwash manifolds, control filters, and hydraulic tubing.
- It is recommended to replace pressure gauges on an annual or every other year basis. Because pressure gauges are one of the most important diagnostic tools on your irrigation system, accurate readings are critical.
- Inspect sand media. If levels are low, further inspection will be required to determine if tanks require additional maintenance. If foreign material is present, a proper backflush was not conducted during prior irrigations.
- If rust is observed on carbon steel parts, brush and repaint.
- Inspect settings on flush controller to ensure they have not been changed. On an Alex-Tronix controller, check to make sure the correct voltage setting is selected. Also, check to make sure the pressure differential (PD) switch is functional.
- If PVC is used above ground, it will become brittle with exposure to the sun. It is recommended to apply a fresh coat of paint annually or when paint becomes faded.
- Inspect rubber gaskets on portholes. Replace if they are leaking, hardened, or warped.
- Backwash viewing tubes must be clear and free of algae growth, otherwise it is ineffective for monitoring whether backflushing procedures are sufficient.



Irrigation Design, Sales, and Installation

501 N. GATEWAY • MADERA CA • 93637
PHONE: 559 673 9269 • FAX: 559 673 9260

- Precipitates that clog filters and emitters can form when injected chemicals react with source water. It is recommended to mix injection material with source water in the proper proportions prior to injecting into the system. For this reason, manufacturers typically recommend injection points that are downstream of the filters.