



# Generic Water Filtration PM Checklist

## Monthly Tasks

- ☐ Test water quality: Check TDS (Total Dissolved Solids) levels and compare to baseline.
- ☐ Inspect pre-filters and sediment filters for clogging or discoloration.
- ☐ Clean system exterior and tubing connections with food-safe sanitizer.
- ☐ Check pressure gauges for proper inlet and outlet readings.
- ☐ Inspect electrical connections and control panel for wear or error codes.

## Quarterly Tasks

- ☐ Replace sediment and carbon pre-filters (or as needed based on water quality).
- ☐ Inspect RO membrane housing for leaks or pressure loss.
- ☐ Flush system to remove accumulated contaminants and scale.
- ☐ Verify flow restrictor and auto shut-off valve operation.
- ☐ Check storage tank pressure and bladder integrity (if applicable)

## Membrane-Specific Tasks

- ☐ Test permeate and concentrate flow rates to assess membrane performance.
- ☐ Inspect membrane for fouling, scaling, or biological growth.
- ☐ Clean or replace RO membrane based on performance decline or manufacturer schedule.
- ☐ Document membrane condition and cleaning cycles for trend analysis

## Semi-Annual Tasks

- ☐ Review water usage logs and compare against system output.
- ☐ Sanitize entire system including tubing, fittings, and tank.
- ☐ Inspect check valves and solenoids for proper operation.

- ☐ Test booster pump and pressure switch for efficiency and noise.

## Annual Tasks

- ☐ Schedule professional inspection and servicing of entire RO system.
- ☐ Replace RO membrane if performance has declined or lifespan reached.
- ☐ Perform full safety and compliance audit (NSF, plumbing, electrical).
- ☐ Evaluate system efficiency and consider upgrades or retrofits

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By following this checklist, you will ensure that your Water Filtration system operates safely and efficiently, reducing downtime and extending its lifespan. For any questions or further assistance, please contact ProphetPrep support.