

Combination System Installation

Basic Supplement

Applies to WaterGnome Whole Home + RO/Alkaline and Softener + RO/Alkaline packages

IMPORTANT - BASIC REFERENCE ONLY

This guide is intended to help a qualified plumber or water-treatment installer identify the basic installation layout. It is not a substitute for professional training, local plumbing/electrical codes, permits, inspection requirements, product labels, or the current instructions supplied with the actual components. The installer is responsible for verifying the equipment, flow direction, operating limits, materials, connections, code compliance, and safe commissioning before placing the system in service. If this guide conflicts with markings or instructions on the equipment, the equipment/manufacture instructions control.

Purpose

A WaterGnome combination package contains separate treatment systems. This supplement does not replace the applicable basic installation guide for each system. Install and commission each system according to its own guide and the actual component markings/instructions.

Typical Layout

MAIN COLD WATER -> WHOLE-HOME SYSTEM OR SOFTENER -> HOME PLUMBING

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+--> COLD-WATER BRANCH -> RO / ALKALINE

RO -> DRINKING FAUCET

Key Installer Checks

- Confirm which whole-home product was ordered: Essential, Advanced, Ultimate, or Traditional Softener.
- The under-sink RO/Alkaline RO is a separate point-of-use system and should receive an appropriate cold-water feed downstream of the main treatment equipment unless site-specific design requires otherwise.
- Do not route RO drain water through the whole-home equipment or softener drain line.
- Commission the whole-home equipment first, flush it as required, then commission the RO/Alkaline RO so startup debris/carbon fines are not unnecessarily sent into the RO system.
- Check the property for leaks after both systems are under normal operating pressure and again after the RO storage tank has filled/cycled.
- If a pressure regulator, UV system, leak detector, booster pump, or other accessory is included, install it only in the location and orientation required by its own markings/manufacture instructions and local code.

FINAL RESPONSIBILITY

The installer is responsible for the final code-compliant layout, workmanship, leak-free connections, pressure control, drainage, electrical work, support, and commissioning. This supplement shows treatment relationships only; it is not a piping plan for every home. Improper installation or external plumbing/site conditions may affect warranty coverage.