



## Water Softeners & Filters

**Q.** Do I need a permit to install water conditioning equipment like a water softener or water filters?

**A.** YES, ([1300.0120](#)). Water conditioning equipment (WCE) is any appliance, fixture or appurtenance, or combination thereof, designed to treat potable water such as water softeners and water filters. New installations of this equipment require a plumbing permit. A homeowner or licensed plumber can get the permit and install the equipment. *A permit and inspections may be waived by local authority when replacing existing WCE that does not involve altering the existing water supply line.* ([1300.0215](#))

### Items to inspect

1. The required air gap (1" min) at point of discharge to protect water supply from contaminants traveling back up the drain line into the potable water system. ([MN Plumbing Code 611.2](#))
2. The tubing to and from WCE shall be of a size and material recommended by the manufacture. ([MN Plumbing Code 611.3](#))
3. A union or bypass valve is required within 12" of equipment for service, removal or replacement. ([MN Plumbing Code 609.5](#))
4. The power source shall be by an approved receptacle per manufacture requirements.

### Typical Basement Installation

