



VILLAGE OF ALGONQUIN  
COMMUNITY DEVELOPMENT

WATER HEATERS and WATER SOFTENERS

***What is required to obtain a permit to install or replace a water heater and/or water softener at my home?***

A completed permit application accompanied by a copy of the plumbing contractor's license and letter of intent must be supplied to Community Development prior to the permit being issued.

***What are the requirements for the installation of a water heater?***

- A thermal expansion tank is required if a back flow device has been installed.
- A drain pan is required when the water heater is on an upper floor or above the ceiling.

***What are the requirements for the installation of a water softener?***

- The softener must be hard piped.
- The drain line must be piped through an air gap device.
- There needs to be an outlet within reach of the factory installed power cord. (Extension cords are not permitted.)

***How long will it take to get a permit?***

A permit can be issued over the counter provided the permit application is completed and accompanied with a copy of the plumbing contractor's license and letter of intent.

***How long is the permit good for?***

Work must be started and completed within six (6) months of the issue date.

**If you have any questions please contact  
Community Development at  
(847) 658-2700 (option 3)**