



COMMUNITY DEVELOPMENT DEPARTMENT

200 East Wood Street Palatine, IL 60067
Telephone (847) 359-9042
www.palatine.il.us

2023 WATER HEATER REPLACEMENT HANDOUT



Express permits are exclusively available online at our
Citizen Self Service Portal.

Please visit the link below to register and apply

<https://Citizen.palatine.il.us>

CONSTRUCTION REQUIREMENTS:

- The water heater shall be installed in accordance with manufacturers' specifications and the Illinois State Plumbing Code.
- A full port shut-off valve must be located on the cold water side.
- Water connections to the water heater must be made with dielectric unions if dissimilar metals are used.
- All soldering must be done with lead free solder.
- All copper pipe shall be type "L" rigid pipe, no flexible connectors.
- A relief valve and its discharge piping shall be of full size and extend to within 6 inches above the floor and discharge to a suitable drain.
- Install heat trap.
- Replacement water heaters currently installed in a closet or other confined space (provide sketch) must be provided with two ventilation openings. One opening must be within 12 inches of the top and one within 12 inches of the bottom space. Each opening must be sized 100 square inches.
- New water heater installations are prohibited to be located inside a storage closet.
- A new water heater replacement should be located in the same general area as the older water heater and if installed on a platform, shall again be installed on a platform of the same elevation as the original heater. A gas fired water heater in a garage must be raised 18 inches above the floor.
- If an electric water heater is installed, it must conform to the appropriate electrical code sections.
- Proper clearances as specified by the manufacturer must be provided between the water heater and combustible material.
- Bonding (NEC 250-68 min 6 gauge wire)

CSS SUBMITTAL REQUIREMENTS

- Upload a copy of signed contract.
- Upload a copy of equipment specification sheet or manual.
- Tankless water heaters require a diagram indicating the location of the water heater and the floor drain location.
- This permit may require a 5 day review.
- The permit fee is \$98.00. The permit is good for 90 days from date of issuance.
- Licensed plumber must be registered with the Village.
- Letter of intent required from plumber.

EMERGENCY SITUATIONS

This work may be started without a Permit in order to restore your hot water; however you must apply for the permit within 1 business day.

INSPECTIONS

- Contractor or homeowner to be on site with stamped approved "job copy"
- Schedule the inspection through your CSS account

The following inspections are required:

- Final inspection - when work is completed (If an electric water heater, the Inspector will require access to the electrical panel in the house.)

ADDITIONAL INFORMATION

Homeowner's Associations (HOA) may have covenants, conditions and restrictions that are more restrictive than the Village of Palatine's Zoning Ordinances. Therefore, it is the responsibility of the homeowner to acquire approval from their Homeowner's Association for any construction proposed under this building permit. The Village does not require HOA approval prior to issuing a permit.