

- 15) Chimneys and connectors are to be inspected by installer prior to installing water heater unit. Damaged or deteriorating components are to be replaced.
- 16) Vent connector shall be installed with a slope of not less than 1/4" rise per foot run.

DISPOSING OF YOUR OLD WATER HEATER

The Village of Glendale Heights has an agreement with the waster hauler BFI to pick up such appliances in residential districts. You only need to contact BFI customer service at 1-847-429-7370, 24 hours prior to the assigned waste collection day for a special pick up.

CODE REFERENCES

- 1998 Illinois State Plumbing Code
- 2000 International Residential Code
- 2000 International Mechanical Code
- 1999 National Electrical Code
- Official Village Code

If you're not sure whether a permit is required or have a question regarding your project, call the Department of Community Development **BEFORE** you start to build at 260-6030

Mission Statement

The Glendale Heights Department of Community Development strives to provide professional assistance in planning, development and construction by adopting and enforcing current codes and standards in a uniform and unbiased manner, in order to establish and maintain a safe, healthy and attractive community for all residents and business owners.

Village of Glendale Heights

Department of Community Development

300 Civic Center Plaza
Glendale Heights, IL 60139
Phone (630) 260-6030
Fax (630) 260-1317

This brochure contains general information and is not to be used for interpretation of actual village codes. The drawings used in this brochure are intended to aid in the understanding of the Village Codes. They are for illustrative purposes only and are not intended to be used for interpretation of actual regulations. Please contact the Department of Community Development during regular business hours regarding a specific question.



**VILLAGE OF GLENDALE
HEIGHTS**

DEPARTMENT
OF
COMMUNITY
DEVELOPMENT

WATER HEATERS

- *Safety*
- *General Regulations*
- *Disposing of your old water heater*

SAFETY

The Department of Community Development has discovered during routine inspection that water heater installations do not always comply with village codes. Your safety is our number one concern.

Prior to installing any water heater, familiarize yourself with the Village Codes and the manufacturer's instructions. The water heater that you are installing or replacing **MUST** be installed **SAFELY**.

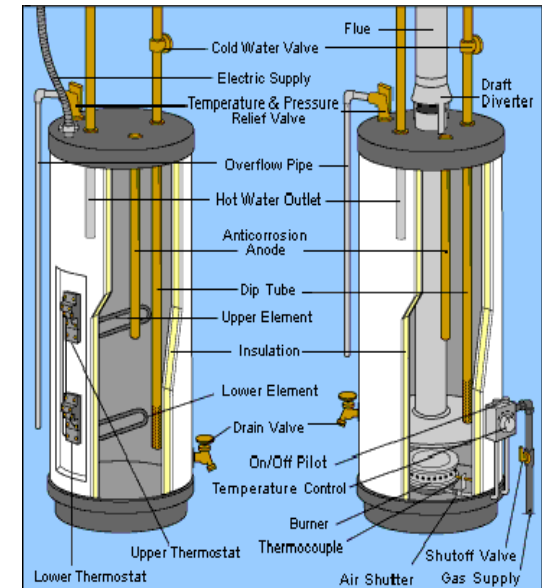
REGULATIONS

- 1) A permit is required for the installation of all water heaters, whether done by the homeowner or a plumber. .
- 2) A Licensed Plumber is required for all contracted water heater installations, each plumber must be registered & bonded with the Village of Glendale Heights.
- 3) Home owners are permitted to install a water heater in their own home. However , a permit is still required.
- 4) A readily accessible, full-open valve shall be installed in the cold-water supply pipe to each water heater. Cold water supply should be on the right hand side of the water heater. NO flexible water or gas piping is allowed as part of the connections.
- 5) A combination temperature/pressure relief valve is required and must be labeled by an approved agency, and have a temperature setting of not more than 210 F (99C) and a pressure setting not to exceed the tank's rated working pressure

or 150 psi, whichever is less. Water temperature maximum 120F.

- 6) The relief valve must be connected to a 3/4" discharge pipe. The pipe shall be of a metallic material , be installed so as to drain by gravity flow and shall terminate not more than 6 inches above the floor. A floor drain is required to receive the discharge of water if the relief valve should open. The end of the discharge pipe shall not be threaded.
- 7) The Village of Glendale Heights requires dielectric unions on the cold (inlet) and hot (outlet) water connections to the heater.
- 8) When a water heater is installed on any floor higher than the basement; a safety pan is required to be installed underneath the water heater unit. The pan shall be not less than 1.5 inches deep and shall be of sufficient size and shape to receive all dripping or condensation from the tank or heater. The pan shall be drained by an indirect waste pipe having a minimum diameter of 3/4 inches.
- 9) Water heaters with an ignition source, if installed in a garage, shall be elevated so that the source of ignition is not less than 18inches above the garage floor. The appliance shall also be protected from possible impact of an automobile.
- 10) Water heaters with bottom inlets, water heaters installed on a shelf or in an elevated manner, and commercial water heaters are required to be supplied with a Vacuum Relief Valve.

- 11) When a backflow preventer is installed on the water main, an expansion tank is required to be installed on the cold water supply with no shut-off valve between the heater and the expansion tank.
- 12) Vent connectors shall be of galvanized steel, single wall, 19 gage, with a minimum of three sheet metal screws per joint. Direct venting shall be PVC material and comply with manufacturer's instructions.



- 13) Fuel fired water heaters can not be installed in a room used as a storage closet.
- 14) Fuel fired (non-electrical) appliances are to be installed with the clearances from unprotected combustibles as indicated in the manufacturer's installation instructions.