



## Water Heater Installation

### GENERAL INFORMATION:

A plumbing permit is required to install or replace a water heater. Permit must be applied for by a plumber licensed by the State of Texas. If the water heater is being replaced by the actual homeowner that resides at that particular address and is doing the work himself, the plumbing permit may be applied for by the homeowner and a home owner affidavit is required to be completed.

### PLAN SUBMITTAL REQUIREMENTS:

Plans are generally not required for a residential water heater replacements or installation. Only a permit application is required.

### INSPECTIONS:

#### (ALL WATER HEATERS)

The following are specifications that are required by code to install the water heater in the City of Lancaster.

1. Water heater drain pan installed under all water heaters installed with a drain to the outside.
2. Drain pan must be 1-1/2" deep with a 3/4" drain line to the outside or an approved receptor.
3. Water piping for water heaters if installed in a garage must be insulated.
4. Must be elevated 18" above the garage floor.
5. Pressure relief valve (T&P) discharge pipe shall discharge outside 6" above ground of floor level or in an approved indirect waste.
6. Cut off valve on cold water pipe to water heater to shut off water.
7. Cold-water electric ground wire and clamp secured to the water pipe ahead of the shut off valve.
8. Unions on water connections, inlet and outlet and pressure relief discharge lines.

#### (GAS HEATERS)

1. Upper and lower combustion air must be installed when a water heater is installed in a closet. Combustion air is required to be 100 sq. inches upper and lower part of the closet.
2. Must have 1" clearance on type B water heater vents from all combustible materials and observe manufactures specifications.
3. Gas stop must be an approved type device and must be able to shut off by hand (no tools)...
4. Maximum length of flex gas pipe is 36" and sized per manf... specifications.

Inspections can be requested by calling the Inspection Request Line @ 972-227-2994. Inspections requests received before 7:00 A.M. will be made the same day of the request.

### FEES:

The basic permit fee for water heater installations are determined by the construction cost as outlined in Table 1-A as adopted by the City of Lancaster.