



**City of Coppell**  
**Building Inspections Dept.**  
265 E Parkway Blvd  
Coppell, TX 75019

Phone: (972) 304-3500  
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## **WATER HEATER INSTALLATION REQUIREMENTS**

Submittal requirements for work being performed in all categories:

- A completed and signed permit application.
- All general contractors and subcontractors must be registered with the City.

**Water Heater replacement:** Effective September 2001, State law mandated that permits must be obtained for all water heater replacements, and a follow-up inspection must be made by a plumbing inspector, all of which can be completed through the City's Inspections Department.

All inspections must be scheduled on-line.

Website: [https://energovprodweb.coppelltx.gov/EnerGov\\_Prod/SelfService#/home](https://energovprodweb.coppelltx.gov/EnerGov_Prod/SelfService#/home)

Same day inspections will be performed for all **online** inspection requests received before midnight each weekday.

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### **GENERAL NOTES**

The Texas State Legislature enacted into the Plumbing License law additional wording to specifically include water heaters in their list of plumbing fixtures, required by law, to have a plumbing permit issued prior to installation. In addition, the law provides that such installations be done according to current codes by a licensed master plumber.

The following requirements apply in the City of Coppell:

- All existing water heater replacements must first be issued a permit; the water heater permit fee is \$50.00.
- Plumbers performing such work must be registered in the city.
- A follow-up city inspection must be performed in a timely manner.

**All water heaters must be installed in accordance with current code requirements, which include providing:**

**For replacement water heaters:**

- The proper size and location of combustion air
- Proper size fuel gas line
- Proper venting
- Correct routing of the cold water supply and valve, as well as temperature and pressure relief (pop-off) valve and piping
- Correctly elevating water heaters to a minimum 18 inches off the floor in garage
- The City does not require the installation of pressure regulators in conjunction with water heaters. If you have a question as to whether one is needed in your situation, please contact the Water Utilities Dept. at 972-462-5155.
- Removal of the old water heater from attic where this can be accomplished without structural damage.

**Other installation guidelines:**

**Drip pan:** The city **requires a drip pan** to be installed under a water heater. The drip pan should be piped to the outside; a bib valve on a drain pan shall be used to hook up a hose to drip pan when the water heater is located in the middle of the house.

**T&P line:** It is mandatory that the T&P line **run to the outside**. The T&P discharge line shall have a union or coupling installed so as to simplify replacement of the T&P valve or water heater.

**AGA Approved (red or yellow) handled gas valve:** The City **requires AGA-approved valves**.

**Flexible water connectors and gas lines:** The City **approves the use** of flexible water connectors and flexible gas lines for water heater installation.

**Sediment trap on gas line:** The City **does not require** the installation of a sediment trap on the gas line for a **replacement** water heater installation.

**Water pipe insulation in unheated areas:** Insulation on water pipes in unheated areas **is required** by the City.

**Expansion tank:** The City **does not require the installation of an expansion tank on a water heater**.

**Electrical disconnect box:** The installation of an electrical disconnect box is **not required** for an electric water heater that is **within site of the electrical panel**.

**Heat trap nipples:** The use of heat trap nipples on a water heater is **not required**.