

# Hot Water Heater



## **Hot Water Heater Installation**

**FLUE:** Flues shall be full size from the gas appliance to the chimney. All flue pipe joints shall be gas tight and the flue pipe shall be sealed at the chimney. Metal flue piping shall not be lighter than 26 gauge for three (3) inches to six (6) inches. Aluminum flue piping commonly used for vent gas dryers is prohibited. Flue piping shall not be pitched downward. Dampers are prohibited in flue piping unless such devices are approved for the intended purpose.

**T&P VALVE.** These devices shall be manufacturer marked Z21.22 and shall be located on the side of the tank, or within three (3) inches of the top of the tank. The capacity of the T&P valve shall not be less than the B.T.U. input. All temperature and relief valves shall be piped to a safe point of disposal and shall be of full size as that of the mouth of the relief valve. Run off pipe should be installed in continuous lengths within six (6) inches of the floor, and shall be metallic or approved plastic pipe.

**GAS PIPING.** All permanent gas appliances shall be installed with rigid black iron pipe. Gas shutoff valve shall be installed upstream of the union and within six (6) feet of the appliance. No bushings, soldered fitting, or cast iron fittings shall be used and no bends are permitted in rigid pipe. Where gas piping enters the pilot, a drip let or condensation leg shall be installed.

**PILOT SHUTOFF.** All hot water tanks shall be equipped with an automatic pilot of the compete shutoff type.

**DRAIN SPIGOT.** All hot water tanks shall be equipped with a drain spigot.

### **GENERAL REQUIREMENTS FOR HOT WATER HEATER.**

Hot water heaters shall conform to all items listed above and all other applicable City Ordinances and Codes. Before installing a hot water tank a Plumbing Permit shall first be obtained from the Building Department.