

WATER HEATER INSTALLATION INSPECTION

Permits and inspections are required for both gas and electric water heater installations

1. Appliance is listed for the specific application.
2. Adequate access and 30" minimum work space on the control side.
3. A water heater cannot be located in a sleeping room, bathroom, toilet room, storage closet, or surgical room (unless code exceptions are met), and cannot obtain combustion air from these areas.
4. Water heater cannot be installed less than 18-inches above a garage floor measured to the ignition source, unless a flame resistant appliance is installed.
5. Condition of existing venting system, including the equipment area and roof termination, must comply.
6. If vented through a masonry chimney, the chimney must be lined with an approved material or a chimney lining system specifically listed for use only with such appliance.
7. Vent connector rise, clearance and support is adequate and of proper material.
8. Combustion air is adequate.
9. Gas shut-off valve is within 6-feet of total developed length from the appliance gas valve and gas connector is of approved material. An existing listed appliance connector cannot be reused.
10. Temperature and pressure relief valve (maximum 150 psi) shall terminate not more than 6-inches above and not less than two times the discharge pipe diameter above the floor or flood rim of the waste receptor.
11. Water supply shut-off valve is full-way type
12. Applicable in northern El Paso County where check valves are used in meters: thermal expansion device required if the main pressures exceed 150 psi or a device is provided that prevents expansion back into the main.
13. In crawlspace locations, water heater is placed upon masonry slab at least 3-inches above the adjoining grade. Where the depth exceeds 12-inches below grade, the walls of the pit or excavation shall be lined with concrete (see plan reviewer).
14. Carbon Monoxide detectors will be required to be installed in all locations required per code if the home has an attached garage or contains a fuel-fired appliance.