

PIKES PEAK REGIONAL BUILDING DEPARTMENT

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 it is direct vented), and cannot obtain combustion air from these areas.
4. Water heater cannot be installed less than 18 inches above a garage floor.
5. Condition of existing venting system, including the equipment area and roof termination;
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) with a drain that terminates not less than a 1-inch air gap or more than 24 inches above the floor and pointing downward.
11. Water supply shut-off valve is full-way type.
12. Thermal expansion device required if the main pressures exceeds 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.