

## WATER HEATER INSPECTION (Gas fired)

1. The water heater must be installed per the manufacturer's installation instructions and the applicable building, plumbing and energy code requirements.
2. The minimum capacity for water heaters shall be in accordance with the First Hour Rating listed in Table below:

Number of Bathrooms	1 to 1.5		2 to 2.5				3 to 3.5		
Number of Bedrooms	2	3	2	3	4	5	3	4	5
1 <sup>st</sup> Hr. Rating <sup>2</sup> in gallons	42	54	54	67	67	80	67	80	80

3. If installed in a bedroom or bathroom the installation must comply with one of the following:
  - a. Direct vent appliance
  - b. Closet complying with a gasketed, self-closing door and exterior combustion air.
4. A temperature and pressure (T&P) relief valve shall be installed with no shut-off valves installed between the T&P and the outlet of the discharge pipe.
5. T&P discharge pipe shall be same size as outlet of the valve, appropriate for the temperature, the end shall be not be threaded and shall not be more than 2' or less than 6" above the ground.
6. Comply with combustion air requirements if installed in a confined space.
7. Drainage pan is required if installed in an attic, attic-ceiling assembly, floor-ceiling assembly or floor-subfloor assembly where damage could result.
8. If installed in an attic or underfloor space, provide electrical power, walkway and permanent lighting fixture.
9. Vent connector may be single wall. Once the vent passes through ceiling or attic it must be transitioned to a "B" vent. See manufacturer's instructions for condensing or direct vent appliances.
10. Minimum vent termination 12" above roof. See code for vent termination height requirements based on roof pitch.
11. Refer to code for vent offsets.
12. Sediment trap installed downstream of the appliance shutoff valve.
13. Water heaters shall be strapped at 1/3 points with the lower strap installed at least 4" above the controls. *(California Plumbing Code requirement)*

*Note: This list is based on UPC requirements, refer to IRC or IPC if those codes are enforced in your jurisdiction. This is not a complete list of all water heater installation requirements. Refer to appropriate building, plumbing and energy codes for all requirements and for additional detail.*