



KEY NOTES

1. VENT CAP
2. TYPE B VENT (double wall)
 - 2.a. Terminate 12 in. minimum above roof for \leq to 6/12 roof pitch.
 - 2.b. 5 ft. minimum height from draft hood to termination of vent.
 - 2.c. 1 in. min. clearance to combustibles.
 - 2.e. 45 deg. offsets OK.
 - 2.f. One 60 deg. offset allowed.
3. FIRESTOP SUPPORT ASSEMBLY (ceiling bucket, as required)
4. VENT CONNECTOR
 - 4.a. 1/4 in./ft. min. slope upward from water heater.
 - 4.b. Single wall vent connector
 - 4.b.a. 6 in. min. clearance to combustibles.
 - 4.b.b. 3 screws min. per connection.
 - 4.b.c. Allowed only in same room as water heater. May not pass through any wall, floor, or ceiling.
 - 4.b.d. No single wall in unoccupied attic, concealed space, or cold unconditioned space.
5. WATER CONNECTION UNIONS
 - 5.a. Unions within 12 in. of water heater. Flexible connectors OK.
6. SHUT-OFF VALVE
 - 6.a. Full-bore (no restriction of pipe size) type water shut-off valve.
7. THERMAL EXPANSION TANK
 - 7.a. Size tank per listing and manufacturer's instructions.
8. TEMPERATURE & PRESSURE (T&P) RELIEF VALVE
9. T&P DRAIN
 - 9.a. Copper, galvanized steel, CPVC
 - 9.b. Drain same size as T&P outlet.
 - 9.c. Must drain by gravity--not uphill or trapped.
 - 9.d. Terminate outside 6 in. to 24 in. above grade, looking down, with no threads in end.
10. WATER HEATER STAND (garages)
 - 10.a. 18 in. minimum above garage floor.
11. SEISMIC STRAPS
 - 11.a. Located in upper third and lower third of water heater. Lower strap 4 in. min. above controls.
12. GAS CONNECTION UNION
 - 12.a. Flexible gas connector OK (6 ft. max. length).
13. GAS SHUT-OFF VALVE
14. GAS PIPING SEDIMENT TRAP
 - 14.a. 3 in. min. length nipple and cap.
15. PROTECTIVE BOLLARD (garages)
 - 15.a. See Building Division for structural requirements.
16. DRAFT HOOD

GENERAL NOTES

1. No water heaters in bedrooms, bathrooms, or their closets. See Building Division for exceptions.
2. Working space at water heater firebox must be a minimum of 30 in. wide by 30 in. deep.
3. First 5 feet of hot and cold water piping from water heater must be insulated.
4. If water heater is installed above wood framing, provide watertight catch pan with 3/4 in. drain to approved location.
5. See Building Division for combustion air requirements regarding your specific installation.
6. Outside water heaters must be installed on a 3 in. min. height slab, and located inside an approved enclosure.



WATER HEATER CHECKLIST		
SCALE: NONE	APPROVED BY:	DRAWN BY: <i>D. Collett</i>
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