

GAS FIRED WATER HEATERS

PLUMBING

- A. Cold water shut off required (P2903.9.2)
- B. Hot & cold water lines shall have unions within 12" of water heater (P2801.4).
- C. 12" metal pipe required before connection to plastic piping per manf.
- D. $\frac{3}{4}$ " Discharge tube required on pressure relief valve to within 6" of the floor w/ no threads on open end. Relief valves are brass, therefore, copper pipe or listed high temp PVC (red printing) are acceptable. Galvanized pipe requires dialectic union between pipe & valve (P2804.6.1).

LOCATIONS

Must be 18" above the garage floor (P2801.7).
Prohibited in a storage closet & unsealed spaces of a bedroom or bathroom (G2406.2).
Direct vent type does not require sealed spaces (M2005.2).

Overflow pan required when damage is possible (P2801.6)

COMBUSTION AIR

Air space must be equal to 50 c.f. per 1,000 BTU/h (G2407.5.1).

Combustion air must not be taken from sleeping rooms, bathrooms or storage closets, (M2005.2).

VENTING

Gas water heaters cannot vent into solid fuel burning chimneys (G2427.5.6.1).

Vertical venting is preferred.

Insulation shield required in attic (G2426.4).

Vent pipe must be screwed together (M1803.3).

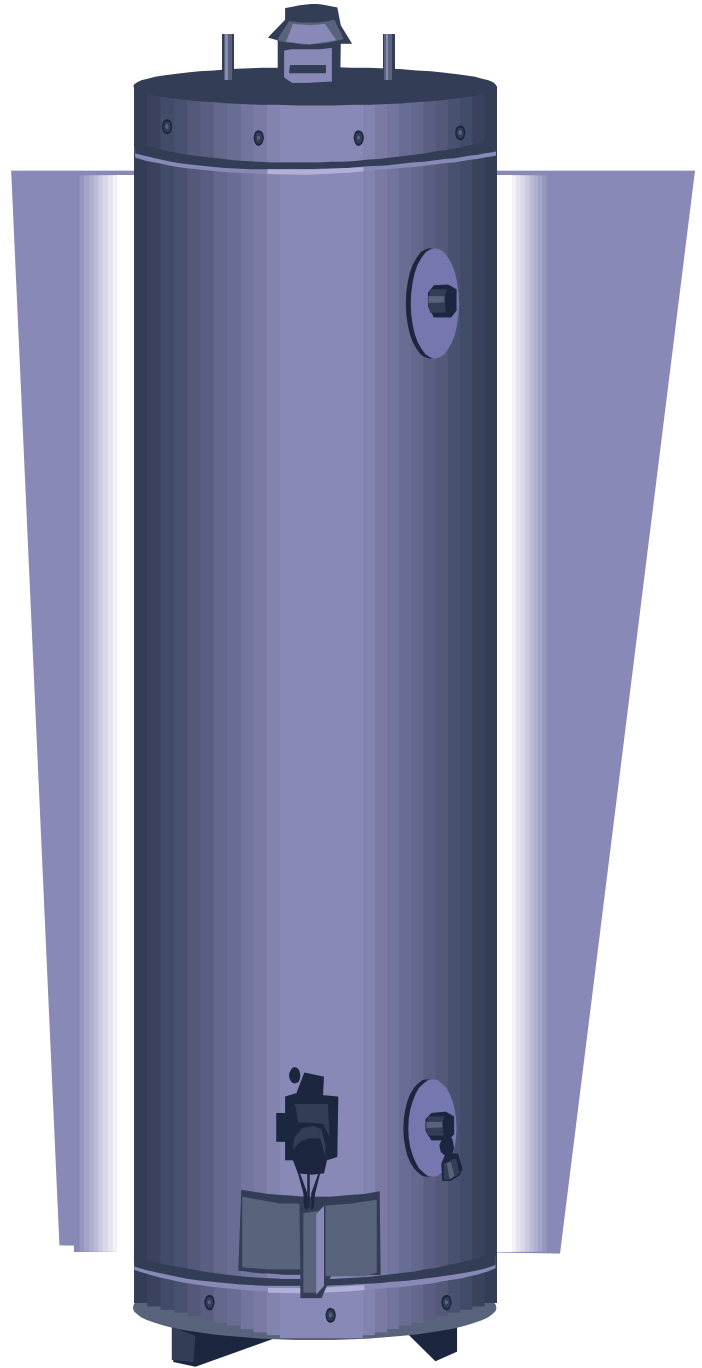
Single wall vent pipe must be guarded by thimble when passing thru combustible material (M1803.3.1 #2).

Single wall vent pipe cannot pass thru floor/ceiling (G2427.7.6 & .7).

Vent shall terminate above the roof (G2427.6.4).

GAS LINE

Install correct piping, cap the line and apply 10# of air pressure w/ gauge on exterior wall.



NOTE: THIS IS A REPRESENTATIVE LISTING OF CODES THAT APPLY TO MOST INSTALLATIONS.
CONSULT THE BUILDING DEPARTMENT STAFF FOR YOUR PARTICULAR SITUATION. rev5/20ms