



## Water Heaters

### **ALL WATER HEATERS:**

1. If installed in garages and attics must have the water pipes insulated
2. If installed in garages must have pan drain pipes to floor or outside
3. Pressure relief valve discharge pipe shall discharge outside not more than two feet nor less than six inches above ground/floor level, or into an approved indirect waste receptor
4. Must be in a 1 1/2 " deep pan with a 3/4" drain line to outside or approved receptor
5. If it is structurally impossible to install a drain line to the outside, then the pan will be required with a fitting attachment that connects to a water hose, and this fitting must be capped
6. Water heater pan must be approved for application
7. Isolation valve on cold water pipe of heater to shutoff water
8. Cold water electric ground wire and clamp secured to pipe ahead of shut off valve
9. Unions on water inlet, outlet and temperature and pressure discharge lines (nut on water flex constitutes a union)
10. Expansion tank for thermal expansion protection installed on cold water pipe

### **GAS WATER HEATERS:**

1. Upper and lower combustion air must be installed when a water heater is installed in a closet area
2. Must have 1" clearance on water heater vent from all combustible materials and observe manufacturer's specifications
3. Gas stop must be of ball valve type and must be able to shut off by hand
4. Maximum length of flex gas pipe is 36", 1/2" minimum size
5. Carbon monoxide alarm shall be installed outside each separate sleeping area.  
(Effective 4/1/11)