

Water Heater

BUILDING PERMITS ENSURE THAT GOLDEN VALLEY MEETS LOCAL, STATE, AND FEDERAL BUILDING STANDARDS AND CODES. THEY ALSO HELP PROTECT THE HEALTH, SAFETY, AND WELFARE OF THE COMMUNITY.

Location

- ◇ Access to water heater cannot be through a bedroom, bathroom, toilet room, or storage closet.
- ◇ All water heaters shall be capable of being removed without first removing a permanent portion of the building structure.

Appliance Venting

- ◇ Combustion air supply for fuel-fired appliance(s) must be correctly sized. It may be provided by one of three methods:
 - ◇ all required air from outside of structure
 - ◇ all required air from inside of structure*
 - ◇ all required air from both inside and outside of structure*

**worksheet required for verification*

- ◇ Single wall vent connector must have a minimum six-inch clearance to combustibles.
- ◇ Class B vent or connector must have a minimum one-inch clearance to combustibles.
- ◇ Vent connector must have an approved connection to the chimney, with a minimum 1/4-inch pitch up to the flue.



- ◇ Water heater must be listed and labeled and installed in accordance with the manufacturer's installation instructions and the Minnesota State Plumbing Code.

Fuel Gas Piping

- ◇ Piping must be of the proper size and material and be adequately supported/restrained with metal straps.
- ◇ A listed and approved gas valve must be installed within the same space of the water heater. Iron pipe gas lines require a ground union downstream of shutoff before controls.
- ◇ Maxitrol regulator must be installed horizontal with a drip tee on the high pressure side before Maxitrol. Drip tee installed on water heater gas line.

Water Connections

- ◇ Water shut-off valve must be installed on the cold water side.
- ◇ Full-size temperature and pressure valve must discharge within 18 inches from floor.

OVER ➞

THREE INSPECTION MUSTS

1. **Post** the inspection report card on the job site until the final inspection is completed.
2. **Notify** Inspections when installation is completed.
3. **Schedule** a final inspection at least 24 hours in advance (please have your permit number available).

You can reach the Inspections Department between 8 am and 4 pm at 763-593-8090.

Name of Illustration

