



## Community Development and Sustainability Department

23 Russell Boulevard, Suite 2 Davis, California 95616

Phone: (530)757-5610 Fax: (530)757-5660 TDD: (530)757-5666

Website: [www.cityofdavis.org/CDD](http://www.cityofdavis.org/CDD)

Email: [pbweb@cityofdavis.org](mailto:pbweb@cityofdavis.org)

# ON-DEMAND (TANKLESS) WATER HEATER

All appliances including tankless water heaters are required be listed or labeled by a listing agency and the installation shall be in accordance with the installation instructions provided by the manufacturer.

On-demand (tankless) water heaters run at much higher BTU input ratings than conventional water heaters so the pipe supplying gas to your current water heater may not be adequate to supply your new on-demand water heater. **The applicant shall provide gas pipe calculations to ensure that the existing gas piping system has the capacity to supply to the unit.** If the existing system is not adequate then calculations and a plan of the new gas piping system shall be included with the water heater permit. The piping will be required to be pressure tested at time of inspection.

Most manufacturers require venting systems that are different from conventional water heaters. The installation instructions will describe how to vent it properly. **It is important to install the proper venting system for your particular appliance.**

**Be sure to have your installation instructions for your water heater and venting system available when the Building Inspector comes for your inspection.**