

Installation and maintenance must be done to the requirements of the local building codes or, in the absence of the local building codes, with the National Fuel Gas Code, ANSI Z223.1, and if applicable, the National Electrical Code ANSI/NFPA #70 and must be performed by personnel having the qualifications required by law to install and service natural gas lines and equipment.

Certified to ASCE 25-97 standard by UL, the California State Architect & the City of Los Angeles.

Maintenance/Verification of Valve Operation

Unless otherwise specified by code, it is recommended that the valve be inspected at least once a year to insure that the valve is level and hasn't been damaged. If the valve is found to be out of level or appears damaged, the customer should call a qualified gas service person for repairs.

During installation when making pipe connections to the valve body the turning effort on the valve body pipe threads SHALL NOT EXCEED the figures on this chart:

Nominal Pipe Size	Turning Effort/Inch-Pounds
3/4" NPT	560
1" NPT	750
1-1/4" NPT	875
1-1/2" NPT	940
2" NPT	1190
3" NPT	1310
4" NPT	1500

After installation is complete the gas service should be restored according to **Opening & Resetting of the Valve** (see inside page).

After an Earthquake

Once an earthquake or aftershock(s) ceases, gas plumbing damage may have occurred. The acceleration trigger of the California Valve will have shut off the gas supply to your house. If, however, a gas leak still exists, the gas service should be turned off at the main shut off valve. Do not turn gas on again. You will be safer if you let authorized personnel restore service.

Warning

If the "Reset Cam" does not return to its original position, or the valve remains closed and will not reset, the gas service must be shut off, and the valve replaced before service can be restored.

If the valve will not reset, call for technical service at:

(800)442-7633

Pacific Seismic Products, Inc.
233 East Avenue H-8
Lancaster, CA 93535
USA

PH: 1-800-4-GAS-OFF 661-942-4499
Fax: 661-942-0999

**DO NOT
DISCARD**

**For Additional Information, Please See
Our Website: www.4GasOff.net**

The CALIFORNIA VALVE™ Down Flow

Vertical Earthquake-actuated Automatic Gas Shut Off Valves

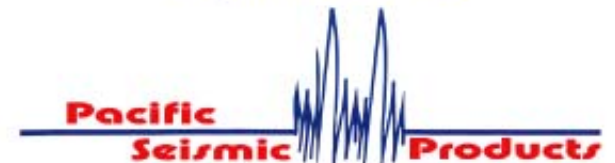
Vertical Models #VT-300, VT-301, VT-302, VT-303, VT-310,
VT-311, VT-312, VT-313, VT-314, VT-314F, VT-315, VT-315F,
VT-316, VT-316F, VT-317F

<<Suitable for use only with natural gas or LP gas>>

<<<Ambient Temp: -40° to 150°F>>>



Installation & Maintenance Instructions for California Vertical Top-In Valves





1. Original meter & plumbing before any work has begun.



7. Configure new plumbing with PSP valve.



8. Use teflon tape or liquid sealant on all joints.

11. Install stabilizer bracket (Unistrut or equivalent) to plumbing (within 6" of valve) and secure to building.



2. Turn gas off at meter inlet valve, **do not** use a pipe wrench.

Note: If valve is difficult to move contact your utility company.

12. Finish meter plumbing system with PSP seismic valve.

Note: For aesthetics, level stabilizer bracket.



3. Loosen meter swivel.



9. Install union gasket and new plumbing from meter to building.



10. Valve must be installed level. Note: Use chain level site to confirm.

13. **While gas is still off**, open seismic valve. **Do not** open against gas pressure.



4. Take care not to ruin gasket when removing union.

Note: If gasket is damaged, call your utility company for replacement.

Warning! Read and understand the following sections completely before attempting to reset valve.

Opening & Resetting of the Valve - Models VT-300, VT-301, VT-302, VT-303, VT-310, VT-311

When the valve is closed a Red Bar will be visible through the window in the visual valve position indicator located on the bottom of the valve cover. To open the valve first verify that the main gas shutoff valve is closed, then gently rotate the Reset Shaft (located on the side of the valve) in the direction indicated by the "to open" arrow, until the Green Bar is visible through the window. Release the turning effort. If reset has occurred the Reset Shaft will return to its original position, and the Green Bar will remain visible through the window. The valve is now open, and the acceleration trigger mechanism set to respond to a seismic disturbance. You may now open the main gas shutoff valve.

Opening & Resetting of the Valve - Models VT-312, VT-313, VT-314, VT-314F, VT-315, VT-315F, VT-316, VT-316F, and VT-317F.

When the valve is closed a Red Bar will be visible through the window in the visual valve position indicator located on the bottom cover of the valve. To open the valve, first verify that the main gas shutoff valve is closed, then gently rotate the Reset Shaft in the direction indicated by the "to open" arrow, which opens the pressure release poppet in the main valve disc. Hold in this position until pressure equalizes across the main valve disc, then with very little turning effort, continue rotating the Reset Shaft until a Green Bar is visible through the window. Release the turning effort. If reset has occurred the "Reset Shaft" will return to its original position and the Green Bar will remain visible through the window. The valve is now open, and the acceleration trigger mechanism set to respond to a seismic disturbance. You may now open the main gas shutoff valve.

14. Turn gas on at meter inlet valve, **do not** use pipe wrench. Note: Open gas valve slowly to prevent damage to regulator.



5. Remove existing plumbing after meter.

15. Use soapy solution to check for leaks.



6. With original plumbing removed, build new plumbing from structure to meter.

16. Apply paint to all new plumbing to prevent rust.

