

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 Shaft" 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.

The CALIFORNIA VALVE™

Horizontal Earthquake-actuated Automatic Gas Shut Off Valves

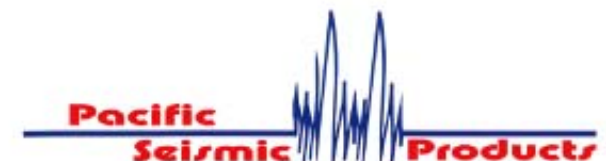
Horizontal Models #300, 301, 302, 303, 310, 311, 312, 313, 314, 314F, 315, 315F, 316, 316F, 317F

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

<<<Ambient Temp: -40° to 150°F>>>



Installation & Maintenance Instructions for California Horizontal Valves





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



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.



3. Loosen meter swivel.



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

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



5. Remove existing plumbing after meter.



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



7. Configure new plumbing with PSP valve.



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



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



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

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

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

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 Cam (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 Cam 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 310, 311, 312, 313, 314, 314F, 315, 315F, 316, 316F, and 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 Cam 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 Cam 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.

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



12. Finish meter plumbing system with PSP seismic valve.

Note: For aesthetics, level stabilizer bracket.



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



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



15. Use soapy solution to check for leaks.



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

