

# Seismic Valves

## Earthquake Valves



### How They Work



Pacific Seismic/California Valves are earthquake actuated gas shut-off valves. They are intended to close in the event of an earthquake thus preventing gas from flowing into a structure where damage may have occurred. The California valve minimizes the potential of a fire or explosion due to the release of natural gas into a home or structure from existing gas lines.



PSP's valves do not use any source of internal or external electrical power. These valves operate strictly by motion caused by an earthquake and are designed to remain closed until manually reset. These valves are mounted in the gas lines that are attached to the gas meters outside of the home or structure. PSP's valves do not replace the manual shut-off valves provided in the existing gas service lines.

Our valves consist of a unique arrangement that swings closed when the acceleration-sensitive triggering mechanism is activated by a sudden motion, such as earthquake. The trip mechanism consists of a steel ball resting on a tapered cupshaped support. The horizontal motion of an earthquake causes the ball to move from the center of the support. This allows the ball's mass to act upon the moveable pipe of the trip mechanism, activating the valve and initiating closure. Springs assist the valve-flapper to close and gas pressure assists in holding the valve disc in the closed position. The trip mechanism is factory set and sealed. A viewing port is built into the valve so that the Open or Closed indicator can be seen. This permits easy determination of the trip mechanism's status.

### Commercial Valves





		310	3/4" 60 psi - Horizontal Flow
		VT-310	3/4" 60 psi - Vertical Down Flow
		VB-310	3/4" 60 psi - Vertical Up Flow

		311	1" 60 psi - Horizontal Flow
		VT-311	1" 60 psi - Vertical Down Flow
		VB-311	1" 60 psi - Vertical Up Flow





		312	1-1/4" 60 psi - Horizontal Flow
		VT-312	1-1/4" 60 psi - Vertical Down Flow
		VB-312	1-1/4" 60 psi - Vertical Up Flow





		313	1-1/2" 60 psi - Horizontal Flow
		VT-313	1-1/2" 60 psi - Vertical Down Flow
		VB-313	1-1/2" 60 psi - Vertical Up Flow



### Industrial Valves



		314	2" 60 psi - Horizontal Flow	314F		
		VT-314	2" 60 psi - Vertical Down Flow	VT-314F		
		VB-314	2" 60 psi - Vertical Up Flow	VB-314F		

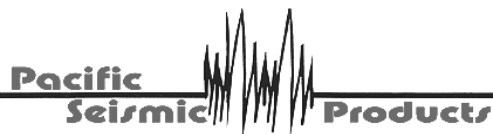
		318	2 1/2" 60 psi - Horizontal Flow	318F		
		VT-318	2 1/2" 60 psi - Vertical Down Flow	VT-318F		
		VB-318	2 1/2" 60 psi - Vertical Up Flow	VB-318F		

		315	3" 60 psi - Horizontal Flow	315F		
		VT-315	3" 60 psi - Vertical Down Flow	VT-315F		
		VB-315	3" 60 psi - Vertical Up Flow	VB-315F		

		316	4" 60 psi - Horizontal Flow	316F		
		VT-316	4" 60 psi - Vertical Down Flow	VT-316F		
		VB-316	4" 60 psi - Vertical Up Flow	VB-316F		

		317F	6" 60 psi - Horizontal Flow
		VT-317F	6" 60 psi - Vertical Down Flow
		VB-317F	6" 60 psi - Vertical Up Flow

		319F	8" 60 psi - Horizontal Flow
		VT-319F	8" 60 psi - Vertical Down Flow
		VB-319F	8" 60 psi - Vertical Up Flow



# Seismic Valves

## Earthquake Actuated Gas Shut Off Valves

Pacific Seismic Products manufactures ASCE 25-97 listed seismic actuated valves for residential, commercial and industrial applications.

Our product line includes seismic actuated valves for automatic natural gas shut-off during an earthquake. These valves are available in both horizontal and vertical configurations. We also offer Specialty Valves, Remote Actuator, 3-Way, Electrical Switch and a monitoring System for your unique gas control needs.

**Vertical and Horizontal Sizes** ▶  
Available from 3/4" to 8"

**NPT and Flanged** ▶

**Pressure Ratings from 0-60 PSI** ▶

**Residential, Commercial and Industrial Applications** ▶

## Why use Pacific Seismic Gas Shut-off Valves?

- Each valve is individually tested and has a tracking number. This ensures the highest quality possible.
- Valve seals are not compromised by the foreign debris found in gas lines. 30 year warranty.
- No maintenance required. Other companies require expensive maintenance every five years.
- Insurance companies are recommending gas shut-off valves.

## Specialty Products

### Model 400 - Three Way ▶

This valve is used for specialty gases, such as nitrogen, propane or dry air.



### Model 501 ▶ Remote Actuator

The 501 trips any California valve when 24V AC/DC is present from panic button, gas sensor, smoke or fire alarm.



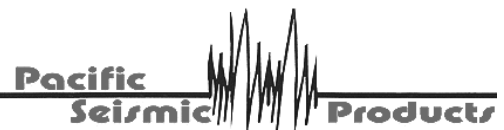
### Model 510 Electrical Switch

- Double-Pole
- Double-Throw
- 20-Amp Switch with standard trigger



### MS Monitoring System Option

PSP's Monitoring device signals the valves status, either open or closed.



Made In The USA