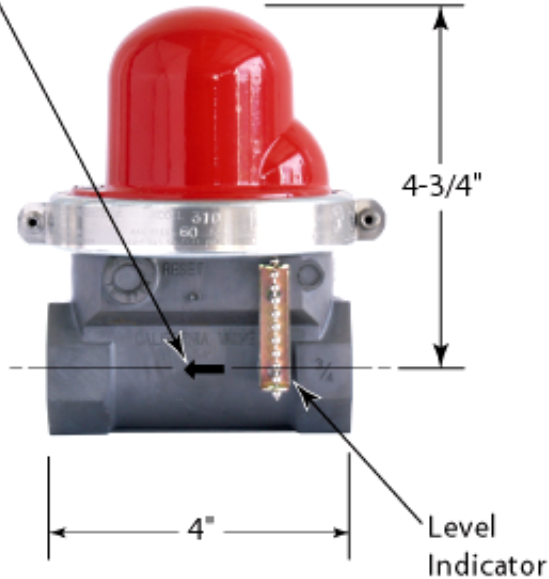


# Specifications: Model 310 NPT Valve

## Horizontal Flow

Distributed By  
  
**Meter, Valve & Control**  
**877-566-3837**


Flow Direction  
Arrow



Valve Model#	CA-DSA No.	Length	Height	Width	Nominal Pipe Size	Threads Per Inch	APPLICATION DATA	
							Max. Pressure	Fuel
310	45R-113R	4"	4-3/4"	3-7/8"	3/4"	14	60 psi	Dry Fuel Gas

| sales@mvandc.com | Phone: 877.566.3837 | Fax: 925.407.2903

California Seismic Valves are UL listed in the USA and Canada, Certified by the California State Architect's Office, Approved by the City of Los Angeles, and are warranted free of manufacturer's defects for 30 years. All valves meet California Standards for Earthquake Actuated Automatic Gas Shut off Systems, Standard No. 12-23-1, ANSI Z21.70, 1981 and ASCE 25-97 Standards.

**Pacific Seismic Products**  
  
 233 East Avenue H-8 • Lancaster, CA 93535 • USA

Tel (661) 942-4499  
 Fax (661) 942-0999  
 TF (800) 4-GAS-OFF

# 3/4" Model 310 California Seismic Valve Threaded Horizontal

## FLOW CAPACITY TABLE IWC/PSIG - Capacity S.C.F.H.

Merit Rating: Cv 21 (Equivalent Length of Pipe is 3 Feet)

For determining approximate values at selected natural gas pressures to

Pressure Drop		8" IWC Inlet	14" IWC Inlet	3 psi Inlet	5 psi Inlet	7 psi Inlet	10 psi Inlet	20 psi Inlet	60 psi Inlet
PSI	IWC								
.0036	0.1	362	365	393	415	435	465	551	808
.0072	0.2	512	516	556	587	616	657	779	1,143
.0108	0.3	627	631	681	718	754	804	954	1,399
.0144	0.4	724	729	786	829	871	929	1,101	1,616
.0180	0.5	809	815	879	927	973	1,038	1,231	1,806
.0216	0.6	886	893	963	1,016	1,066	1,137	1,348	1,979
.0252	0.7	957	964	1,040	1,097	1,151	1,229	1,456	2,137
.0288	0.8	1,023	1,031	1,111	1,173	1,231	1,313	1,557	2,285
.0324	0.9	1,085	1,093	1,179	1,244	1,305	1,393	1,651	2,423
.0360	1.0	1,144	1,152	1,242	1,311	1,376	1,468	1,740	2,554
.0720	2.0	1,616	1,627	1,755	1,852	1,944	2,075	2,460	3,612
.1080	3.0	1,976	1,990	2,147	2,286	2,379	2,539	3,011	4,422
.1440	4.0	2,279	2,296	2,477	2,614	2,745	2,930	3,475	5,105
.1800	5.0	2,545	2,564	2,767	2,920	3,066	3,273	3,884	5,706



## Horizontal Valves

Maximum Pressures of Available Sizes	0.5 psi 7 psi 60 psi	Sizes Available										Ambient Temperature UL -40° to 50° F CA DSA: -10° to 150°F Fluid Natural gas LP gas	
		NPT						Flanged					
		3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"	2"	3"	4"		6"
		✓	✓										
				✓	✓								
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	