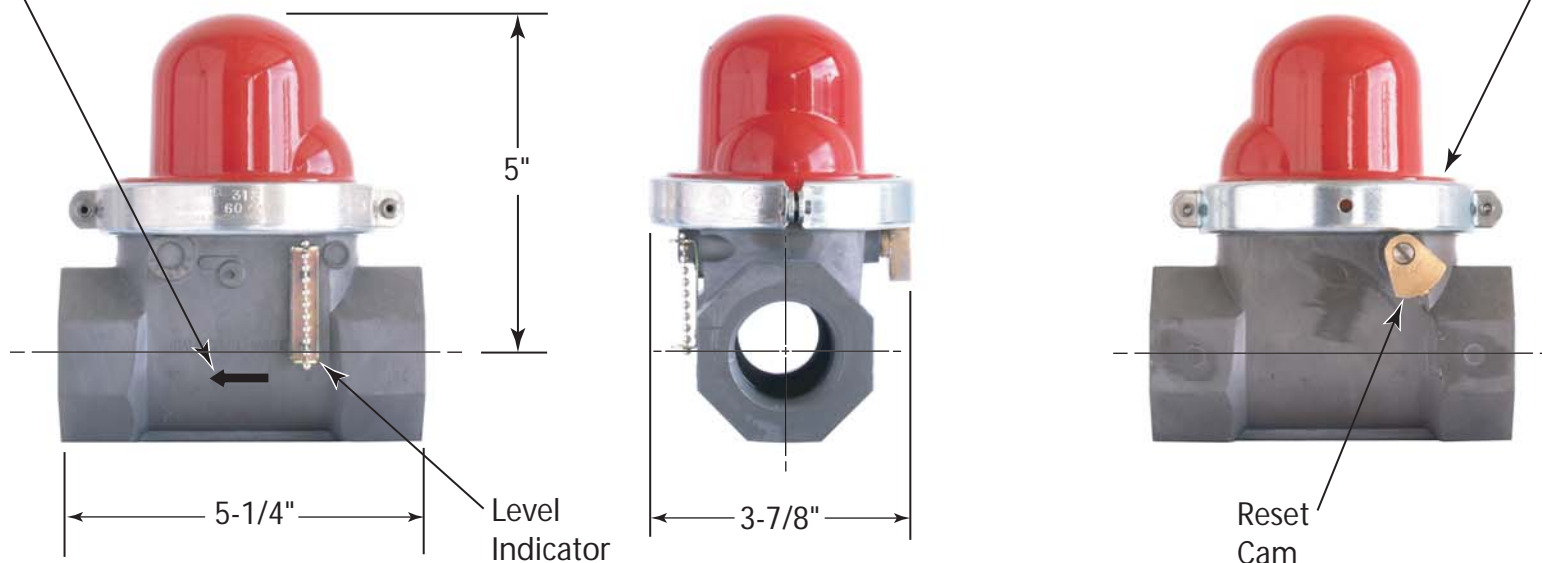


Specifications: Model 312 NPT Valve

Horizontal Flow

Flow Direction
Arrow

Visual
Status
Window



Valve Model#	CA-DSA No.	Length	Height	Width	Nominal Pipe Size	Threads Per Inch	APPLICATION	DATA
							Max. Pressure	Fuel
312	45R-113R	5-1/4"	5"	3-7/8"	1-1/4"	11-1/2	60 psi	Dry Fuel Gas

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.



**Alliance
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1-1/4" Model 312 California Seismic Valve Threaded Horizontal

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

Merit Rating: Cv 64 (Equivalent Length of Pipe is 4 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	1,103	1,111	1,198	1,264	1,327	1,416	1,678	2,462
.0072	0.2	1,560	1,571	1,695	1,788	1,876	2,002	2,373	3,482
.0108	0.3	1,911	1,924	2,075	2,189	2,298	2,452	2,906	4,265
.0144	0.4	2,187	2,204	2,396	2,528	2,653	2,831	3,356	4,924
.0180	0.5	2,466	2,484	2,679	2,826	2,966	3,165	3,752	5,505
.0216	0.6	2,701	2,721	2,934	3,096	3,249	3,467	4,109	6,031
.0252	0.7	2,917	2,938	3,169	3,343	3,509	3,744	4,439	6,514
.0288	0.8	3,118	3,141	3,387	3,574	3,751	4,002	4,745	6,963
.0324	0.9	3,307	3,331	3,592	3,790	3,978	4,245	5,032	7,386
.0360	1.0	3,486	3,511	3,786	3,995	4,193	4,474	5,304	7,785
.0720	2.0	4,924	4,959	5,349	5,644	5,925	6,323	7,497	11,007
.1080	3.0	6,023	6,066	6,544	6,907	7,251	7,738	9,178	13,477
.1440	4.0	6,946	6,996	7,549	7,968	8,365	8,929	10,592	15,558
.1800	5.0	7,757	7,813	8,432	8,900	9,345	9,975	11,836	17,391

Horizontal Valves



		Sizes Available														Ambient Temperature	
		NPT								Flanged						UL -40° to 150° F CA DSA: -10° to 150°F	
		3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	2"	2 1/2"	3"	4"	6"	8"		
Maximum Pressures of Available Sizes	7 psi	✓	✓	✓	✓												Fluid
	60 psi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Natural gas LP gas	