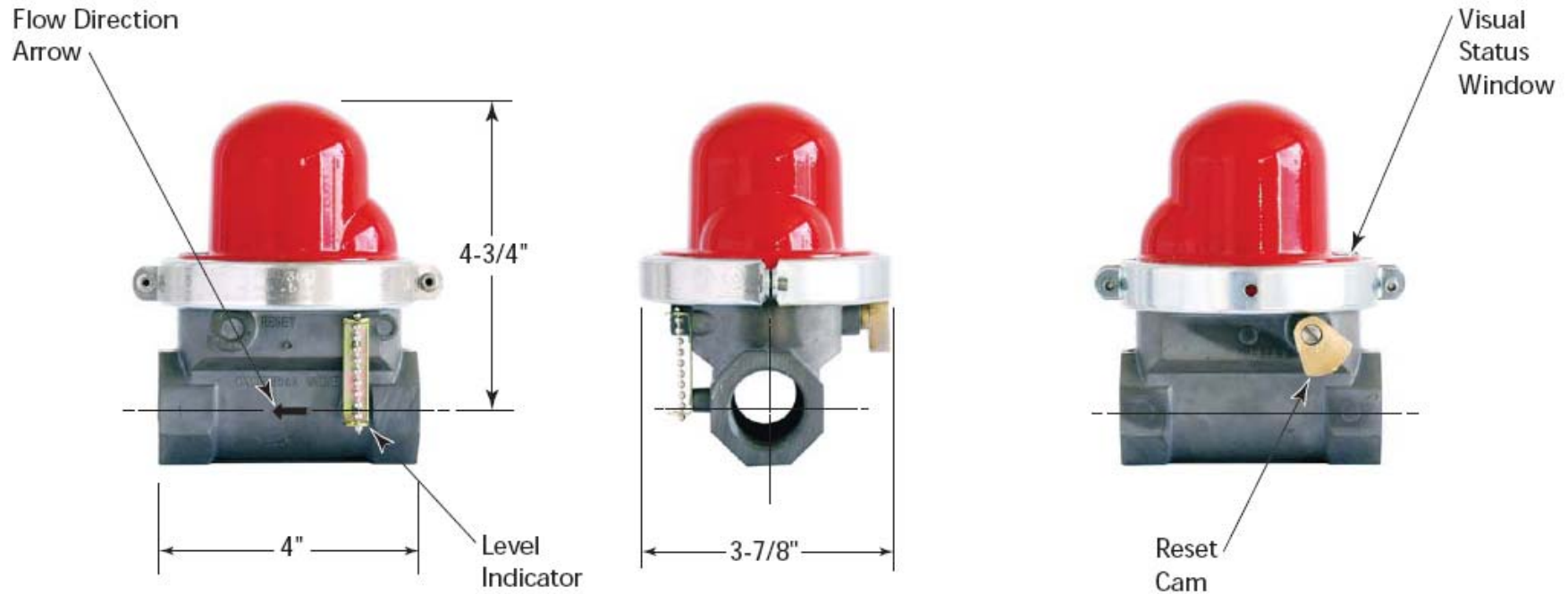


Specifications: Model 301 NPT Valve

Horizontal Flow



Valve Model#	CA-DSA No.	Length	Height	Width	Nominal Pipe Size	Threads Per Inch	APPLICATION	DATA
							Max. Pressure	Fuel
301	04R-31R	4"	4-3/4"	3-7/8"	1"	11-1/2	7.0 psi	Dry Fuel Gas

California Valves are UL-listed in the USA & Canada, certified by California's Division of the State Architect, Approved by Los Angeles, and warranted free of manufacturer's defects for 30 years (when used in the USA or Canada). California Valves meet California Standard 12-16-1 for Earthquake Actuated Automatic Gas Shutoff Systems & ASCE Standard 25-97 for Earthquake Actuated Automatic Gas Shutoff Devices.

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Manufactured by Pacific Seismic Products, Inc.

1" Model 301 California Seismic Valve Horizontal

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

Merit Rating: Cv 41 (Equivalent Length of Pipe is 3 Feet)

For determining approximate values at selected natural gas pressures to 60 PSIG

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	707	712	768	810	850	907	1,075	1,577
.0072	0.2	1,000	1,007	1,086	1,145	1,202	1,283	1,520	2,231
.0108	0.3	1,224	1,233	1,329	1,403	1,472	1,571	1,862	2,732
.0144	0.4	1,413	1,423	1,535	1,619	1,700	1,814	2,150	3,155
.0180	0.5	1,580	1,591	1,716	1,810	1,900	2,027	2,403	3,527
.0216	0.6	1,731	1,743	1,880	1,983	2,081	2,221	2,633	3,863
.0252	0.7	1,869	1,882	2,030	2,142	2,248	2,399	2,843	4,173
.0288	0.8	1,998	2,012	2,170	2,289	2,403	2,564	3,040	4,461
.0324	0.9	2,119	2,134	2,301	2,428	2,549	2,719	3,224	4,731
.0360	1.0	2,233	2,249	2,426	2,559	2,686	2,866	3,398	4,987
.0720	2.0	3,154	3,177	3,427	3,616	3,796	4,050	4,803	7,051
.1080	3.0	3,858	3,886	4,193	4,425	4,645	4,957	5,879	8,634
.1440	4.0	4,450	4,482	4,836	5,104	5,359	5,720	6,785	9,967
.1800	5.0	4,969	5,005	5,401	5,702	5,987	6,390	7,582	11,141



Horizontal Valves

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

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