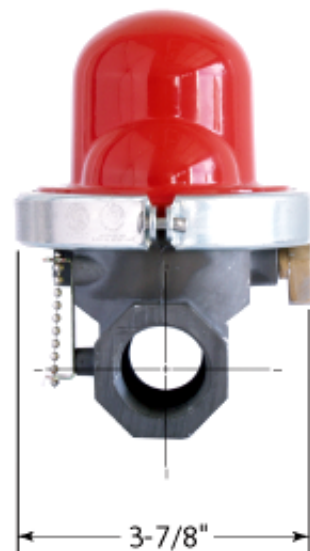
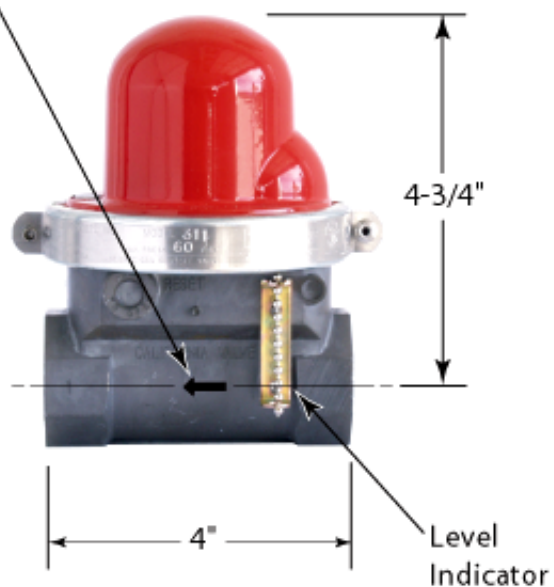


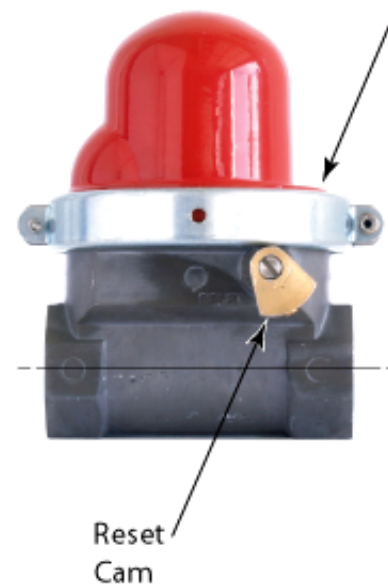
Specifications: Model 311 NPT Valve

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
311	45R-113R	4"	4-3/4"	3-7/8"	1"	11-1/2	60 psi	Dry Fuel Gas

1" Model 311 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



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