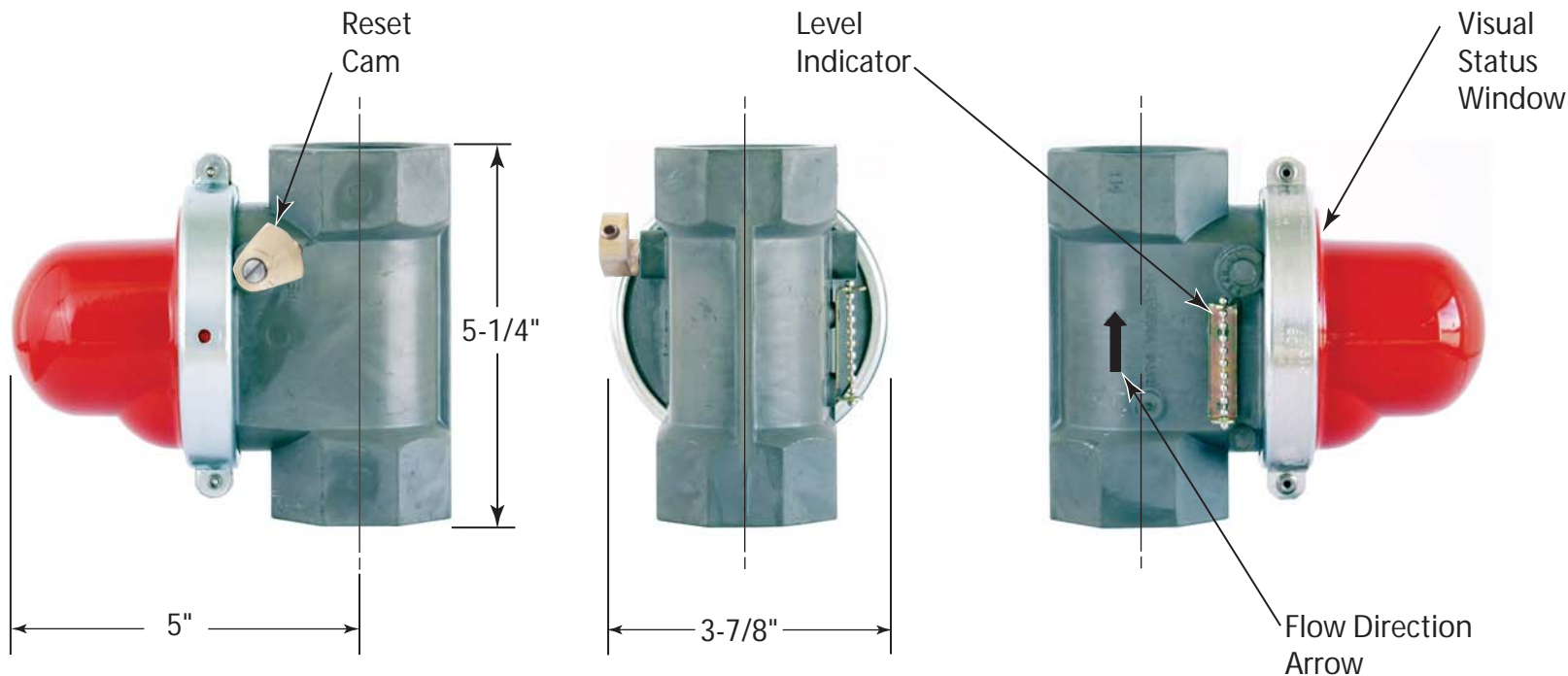


# Specifications: Model VB-313(60) NPT Valve

## Vertical - Bottom In Flow



Valve Model#	CA-DSA No.	Length	Height	Width	Nominal Pipe Size	Threads Per Inch	APPLICATION DATA	
							Max. Pressure	Fuel
VB-313	60-02	5"	5-1/4"	3-7/8"	1-1/2"	11-1/2	60 psi	Dry Fuel Gas

# 1-1/2" Model VB-313 California Seismic Valve

## Threaded Vertical - Upward Flow

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

Merit Rating: Cv 101 (Equivalent Length of Pipe is 5 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	1,741	1,754	1,891	1,995	2,094	2,234	2,648	3,886
.0072	0.2	2,462	2,480	2,674	2,821	2,961	3,159	3,745	5,495
.0108	0.3	3,015	3,037	3,275	3,455	3,627	3,869	4,586	6,730
.0144	0.4	3,454	3,478	3,781	3,989	4,187	4,468	5,296	7,771
.0180	0.5	3,892	3,920	4,227	4,460	4,681	4,994	5,921	8,688
.0216	0.6	4,263	4,293	4,630	4,885	5,127	5,471	6,485	9,517
.0252	0.7	4,604	4,637	5,001	5,276	5,538	5,909	7,005	10,280
.0288	0.8	4,921	4,956	5,345	5,640	5,920	6,316	7,488	10,989
.0324	0.9	5,219	5,256	5,669	5,981	6,278	6,699	7,942	11,655
.0360	1.0	5,501	5,540	5,975	6,304	6,617	7,061	8,371	12,285
.0720	2.0	7,770	7,826	8,441	8,908	9,350	9,978	11,832	17,370
.1080	3.0	9,505	9,573	10,328	10,899	11,442	12,212	14,483	21,269
.1440	4.0	10,962	11,041	11,914	12,574	13,201	14,090	16,715	24,553
.1800	5.0	12,241	12,330	13,306	14,045	14,747	15,742	18,679	27,445



### Vertical Valves

		Sizes Available														Ambient Temperature	
		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"		
Maximum Pressures of Available Sizes	7 psi	✓	✓	✓	✓											UL -40° to 150° F CA DSA: -10° to 150°F	
	60 psi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Fluid		
																Natural gas LP gas	