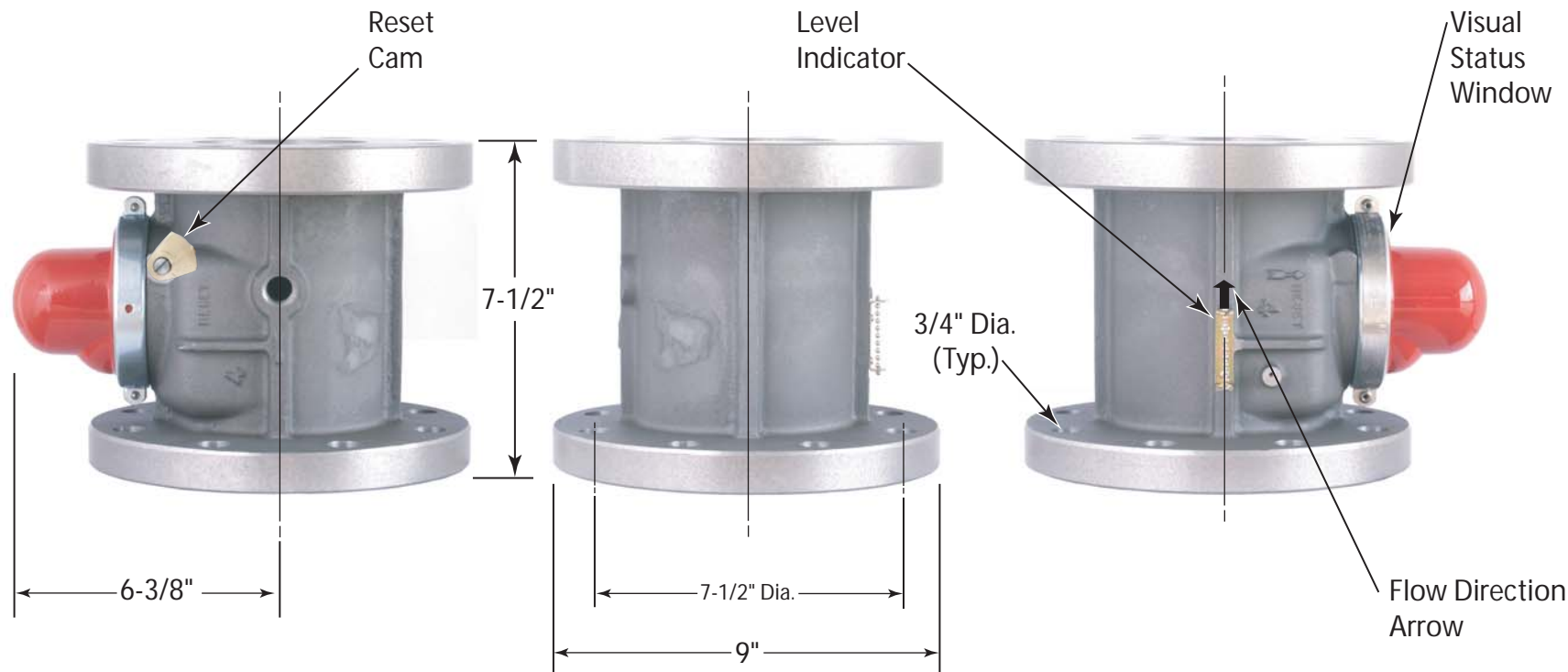


# Specifications: Model VB-316F(60) Flanged Valve

## Vertical - Bottom In Flow



Valve Model#	CA-DSA No.	Length	Height	Diameter	Nominal Pipe Size	APPLICATION		Diameter On Center	Diameter Hole (Typ.)	Number of Holes
						Max. Pressure	DATA Fuel			
VB-316F	60-05	6-3/8"	7-1/2"	9"	4"	60 psi	Dry Fuel Gas	7-1/2" Dia.	3/4" Dia.	8

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.



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# 4" Model VB-316F California Seismic Valve

## Flanged Vertical - Upward Flow

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

Merit Rating: Cv 480 (Equivalent Length of Pipe is 13 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	8,276	8,335	8,988	9,482	9,952	10,618	12,586	18,467
.0072	0.2	11,702	11,786	12,710	13,409	14,073	15,015	17,798	26,116
.0108	0.3	14,331	14,433	15,564	16,421	17,235	18,389	21,797	31,985
.0144	0.4	16,546	16,664	17,970	18,960	19,900	21,232	25,168	36,932
.0180	0.5	18,497	18,629	20,090	21,195	22,247	23,736	28,137	41,290
.0216	0.6	20,260	20,404	22,005	23,216	24,368	26,000	30,821	45,230
.0252	0.7	21,880	22,036	23,765	25,074	26,318	28,081	33,289	48,853
.0288	0.8	23,388	23,555	25,404	26,803	28,133	30,017	35,585	52,225
.0324	0.9	24,804	24,981	26,942	28,426	29,837	31,836	37,742	55,392
.0360	1.0	26,143	26,329	28,396	29,961	31,448	33,556	39,782	58,387
.0720	2.0	36,927	37,191	40,118	42,333	44,438	47,420	56,230	82,551
.1080	3.0	45,172	45,496	49,084	51,799	54,379	58,035	68,832	101,080
.1440	4.0	52,098	52,472	56,619	59,758	62,740	66,964	79,439	116,689
.1800	5.0	58,177	58,596	63,237	66,750	70,086	74,813	88,769	130,430

### 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	