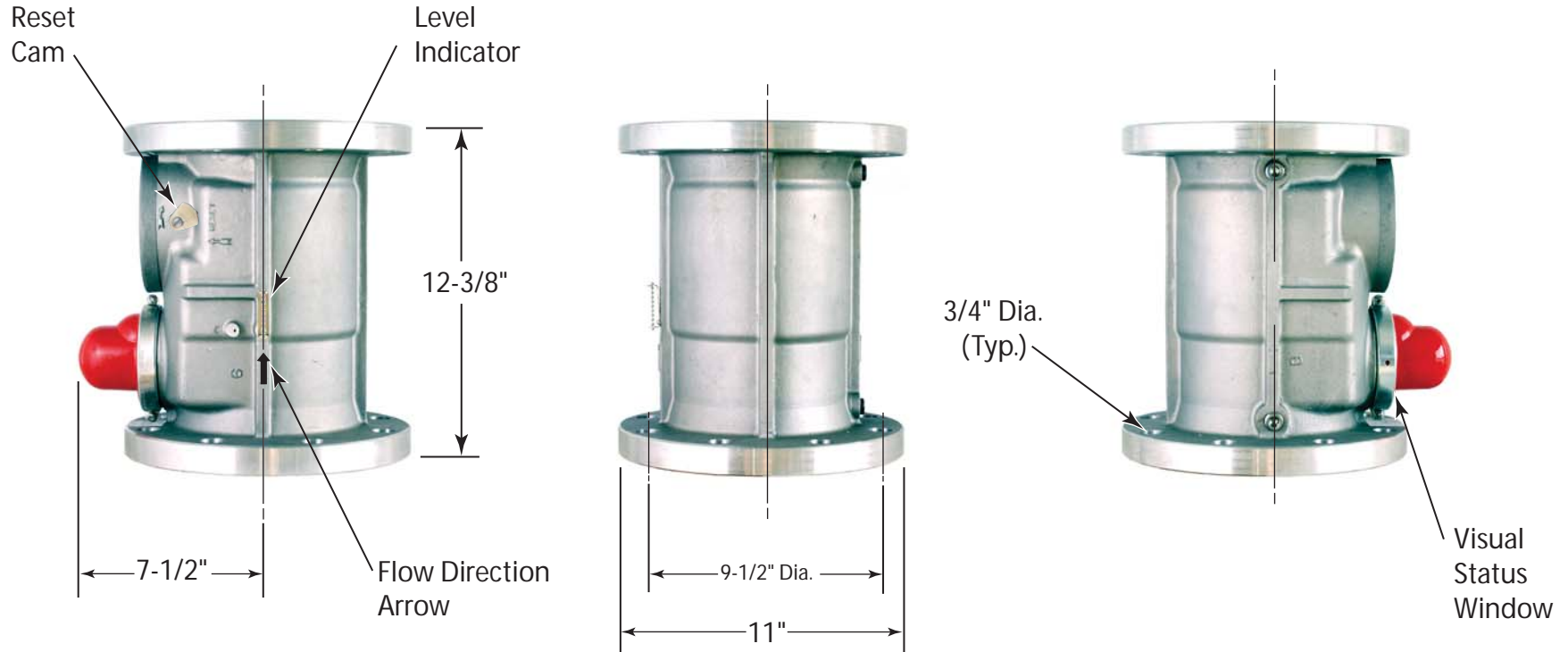


# Specifications: Model VB-317F(60) Flanged Valve

## Vertical - Bottom In Flow



Valve Model#	CA-DSA No.	Length	Height	Diameter	Nominal Pipe Size	APPLICATION	DATA	Diameter On Center	Diameter Hole (Typ.)	Number of Holes
						Max. Pressure	Fuel			
VB-317F	60-05	7-1/2"	12-3/8"	11"	6"	60 psi	Dry Fuel Gas	9-1/2" Dia.	3/4" Dia.	8

# 6" Model VB-317F California Seismic Valve

## Flanged Vertical - Upward Flow

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

Merit Rating: Cv 1769

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

Pressure Drop									
PD iwc	8" iwc Inlet	14" iwc Inlet	PD psi	3 psi Inlet	5 psi Inlet	PD psi	20 psi Inlet	40 psi Inlet	60 psi Inlet
0.01	9,312	9,379	0.1	174,102	183,730	1	761,878	961,762	1,126,727
0.02	13,169	13,264	0.2	245,516	259,169	2	1,061,350	1,347,412	1,582,585
0.03	16,128	16,245	0.3	299,834	316,601	3	1,279,851	1,634,503	1,624,885
0.04	18,623	18,757	0.4	345,222	364,636	4	1,454,344	1,869,018	2,207,111
0.05	20,821	20,971	0.5	384,853	406,618	5	1,599,302	2,068,914	2,450,111
0.06	22,808	22,973	0.6	420,357	444,266	6	1,722,196	2,243,463	2,664,638
0.07	24,636	24,813	0.7	452,708	478,604	7	1,827,485	2,398,207	2,857,112
0.08	26,336	26,526	0.8	482,539	510,300	8	1,918,070	2,536,772	3,031,738
0.09	27,934	28,135	0.9	510,293	539,821	9	1,995,953	2,661,687	3,191,446
0.1	29,444	29,656	1.0	536,293	567,506	10	2,062,574	2,774,795	3,338,378
0.2	41,636	41,936	1.1	560,782	593,611	11	2,118,996	2,877,490	3,474,155
0.3	50,987	51,354	1.2	583,950	618,337	12	2,166,015	2,970,851	3,600,040
0.4	58,868	59,292	1.3	605,949	641,844	13		3,055,733	3,717,037
0.5	65,808	66,283	1.4	626,903	664,260	14		3,132,827	3,825,563
0.6		72,600	1.5	646,912	685,693	15		3,202,695	3,927,489
0.7		78,206	1.6	666,062	706,232	16		3,265,800	4,022,175
0.8		83,812	1.7	684,452	725,953	17		3,322,528	4,110,494
0.9		88,885	1.8	702,063	744,921	18		3,373,200	4,192,849
1.0		93,682	1.9	719,028	763,192	19		3,418,087	4,269,584
2.0		132,329	2.0	735,369	780,816	20		3,457,412	4,340,997
3.0		161,876	2.1		797,834	21		3,491,365	4,407,348
4.0		186,695	2.2		814,285	22		3,520,101	4,468,861
			2.3		830,203	23		3,543,746	4,525,734
			2.4		845,618	24		3,562,402	4,578,141
			2.5		860,557	25		3,576,147	4,626,232
			2.6		875,044				
			2.7		889,101				



### Vertical 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	✓	✓	✓	✓												
	60 psi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
																Fluid	
																Natural gas LP gas	