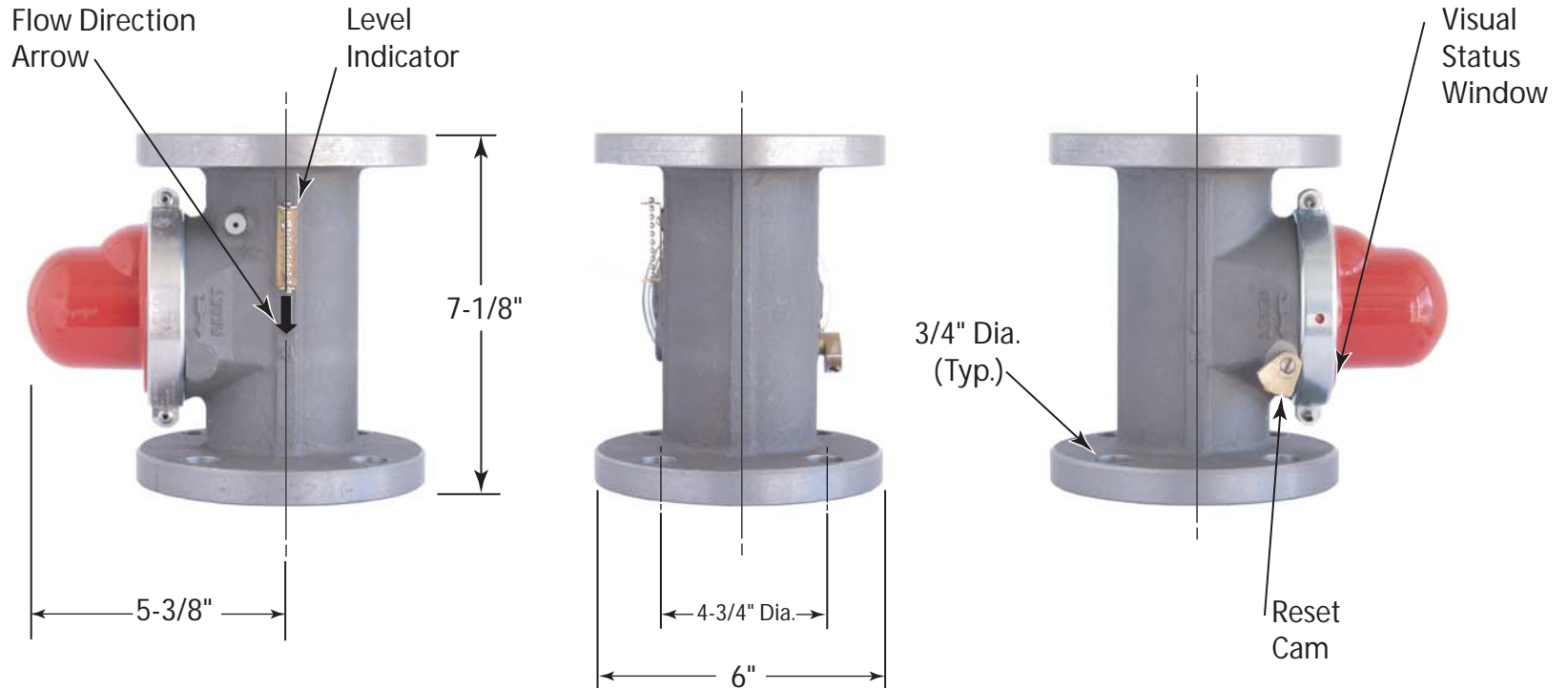


Specifications: Model VT-314F(60) Flanged Valve

Vertical - Top 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			
VT-314F	60-04	5-3/8"	7-1/8"	6"	2"	60 psi	Dry Fuel Gas	4-3/4" Dia.	3/4" Dia.	4

2" Model VT-314F California Seismic Valve

Flanged Vertical - Downward Flow

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

Merit Rating: Cv 164 (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	2,828	2,848	3,071	3,240	3,400	3,628	4,300	6,310
.0072	0.2	3,998	4,027	4,342	4,581	4,808	5,130	6,081	8,923
.0108	0.3	4,896	4,931	5,318	5,610	5,889	6,283	7,447	10,928
.0144	0.4	5,653	5,693	6,140	6,478	6,799	7,254	8,599	12,619
.0180	0.5	6,320	6,365	6,864	7,242	7,601	8,110	9,614	14,108
.0216	0.6	6,922	6,971	7,518	7,932	8,326	8,883	10,531	15,454
.0252	0.7	7,476	7,529	8,120	8,567	8,992	9,594	11,374	16,692
.0288	0.8	7,991	8,048	8,680	9,158	9,612	10,256	12,158	17,844
.0324	0.9	8,475	8,535	9,205	9,712	10,194	10,877	12,895	18,925
.0360	1.0	8,932	8,996	9,702	10,237	10,745	11,465	13,592	19,949
.0720	2.0	12,617	12,707	13,707	14,464	15,183	16,202	19,212	28,205
.1080	3.0	15,434	15,545	16,770	17,698	18,580	19,829	23,518	34,536
.1440	4.0	17,800	17,928	19,345	20,417	21,436	22,879	27,142	39,869
.1800	5.0	19,877	20,020	21,606	22,806	23,946	25,561	30,330	44,564



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	