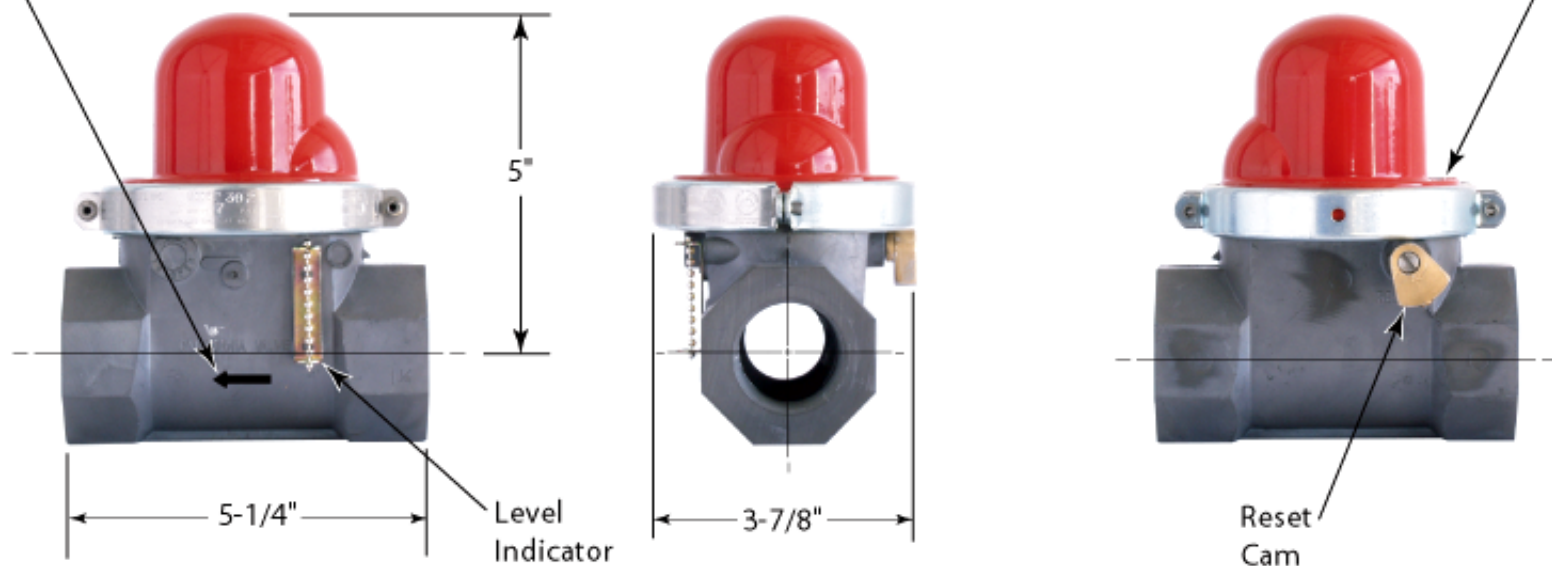


# Specifications: Model 302(7) NPT Valve

## 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
302(7)	45R-113R	5-1/4"	5"	3-7/8"	1-1/4"	11-1/2	7.0 psi	Dry Fuel Gas

# 1-1/4" Model 302 California Seismic Valve Threaded Horizontal

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

Merit Rating: Cv 64 (Equivalent Length of Pipe is 4 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	1,103	1,111	1,198	1,264	1,327	1,416	1,678	2,462
.0072	0.2	1,560	1,571	1,695	1,788	1,876	2,002	2,373	3,482
.0108	0.3	1,911	1,924	2,075	2,189	2,298	2,452	2,906	4,265
.0144	0.4	2,187	2,204	2,396	2,528	2,653	2,831	3,356	4,924
.0180	0.5	2,466	2,484	2,679	2,826	2,966	3,165	3,752	5,505
.0216	0.6	2,701	2,721	2,934	3,096	3,249	3,467	4,109	6,031
.0252	0.7	2,917	2,938	3,169	3,343	3,509	3,744	4,439	6,514
.0288	0.8	3,118	3,141	3,387	3,574	3,751	4,002	4,745	6,963
.0324	0.9	3,307	3,331	3,592	3,790	3,978	4,245	5,032	7,386
.0360	1.0	3,486	3,511	3,786	3,995	4,193	4,474	5,304	7,785
.0720	2.0	4,924	4,959	5,349	5,644	5,925	6,323	7,497	11,007
.1080	3.0	6,023	6,066	6,544	6,907	7,251	7,738	9,178	13,477
.1440	4.0	6,946	6,996	7,549	7,968	8,365	8,929	10,592	15,558
.1800	5.0	7,757	7,813	8,432	8,900	9,345	9,975	11,836	17,391

## 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	