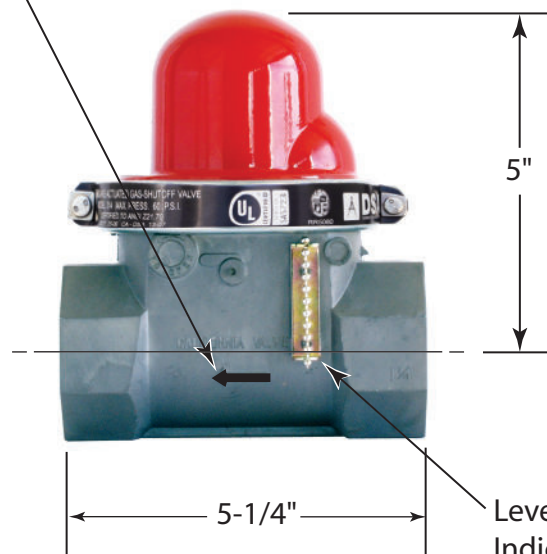


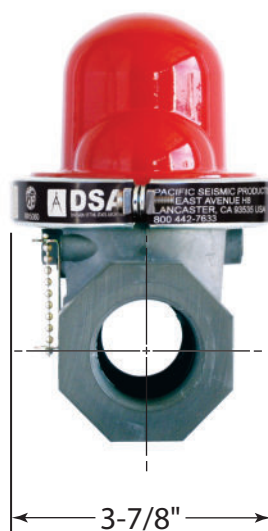
# Specifications: Model 302(7) NPT Valve

## Horizontal Flow

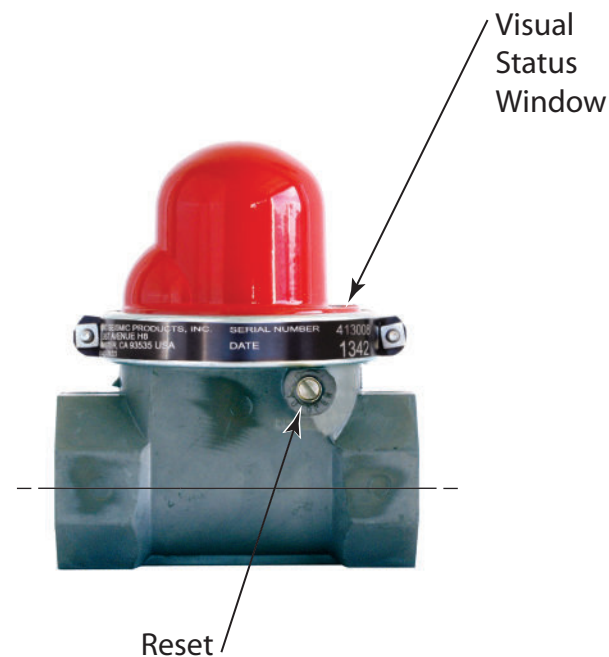
Flow Direction  
Arrow



Level  
Indicator



3-7/8"



| Valve Model# | CA-DSA No. | Length | Height | Width  | Nominal Pipe Size | Threads Per Inch | APPLICATION   |              |
|--------------|------------|--------|--------|--------|-------------------|------------------|---------------|--------------|
|              |            |        |        |        |                   |                  | Max. Pressure | Fuel         |
| 302(7)       | 13-04      | 5-1/4" | 5"     | 3-7/8" | 1-1/4"            | 11-1/2           | 7.0 psi       | Dry Fuel Gas |

California Seismic Valves are UL listed in the USA. 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. 12-12-1, ANSI Z21.21, 2012 and ASCE 25-06 Standards.

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# ***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

[illegible]