Product Description

The Reliable Model HV Hose valves are cULus Listed and FM Approved for fire protection systems. Reliable Hose Valves valves have AWWA C 606 grooved inlet connections or NPT threaded inlet connections. Hose valves with a threaded inlet are available in 1-1/2” (38mm) and 2-1/2” (65mm) nominal sizes. Hose valves with a grooved inlet are available in the 2-1/2” (65mm) nominal size. Outlet threads are 1-1/2” (38mm) or 2-1/2” (65mm) National Standard Thread (NST) hose thread. The valves are listed for 300 psi (20.7 bar) working pressure.

Maintenance

The owner is responsible for maintaining the fire protection system in proper operating condition. Any system maintenance or testing that involves placing a control valve out of service will eliminate the fire protection that is provided by the fire protection system.

The Reliable Hose valves and associated equipment shall periodically be given a thorough inspection and test. NFPA 25, “Inspection, Testing and Maintenance of Water Based Fire Protection Systems,” provides minimum maintenance requirements.

Ordering Information

Specify the following when ordering:

Model
- REL-HVT
- REL-HVG

Valve Size
- 1-1/2” (38mm) - threaded only
- 2-1/2” (65mm)

Accessories
- Cap with chain

Guarantee

For Reliable Automatic Sprinkler Co., Inc. guarantee, terms, and conditions, visit www.reliablesprinkler.com.

<table>
<thead>
<tr>
<th>Model</th>
<th>End Connections</th>
<th>Sizes in (mm)</th>
<th>Approvals</th>
</tr>
</thead>
<tbody>
<tr>
<td>REL-HVT</td>
<td>Female NPT Thread x Male NST Hose Thread</td>
<td>1-1/2” (38), 2-1/2” (65)</td>
<td>cULus Listed, FM Approved</td>
</tr>
<tr>
<td>REL-HVG</td>
<td>Groove x Male NST Hose Thread</td>
<td>2-1/2” (65)</td>
<td>cULus Listed, FM Approved</td>
</tr>
</tbody>
</table>
Reliable Model HV Hose Valves

Technical Specifications
Pressure Rating:
300 psi (20.7 bar)

Material Specifications
Body: Brass ASTM B584
Bonnet: Brass ASTM B584
Stem: Brass
Disc Holder: Forged Brass
Disc Nut: Brass
Packing Nut: Brass
Hand Wheel: Ductile Iron
Seat: NBR
Nut: Stainless Steel
Clamping Ring: Forged Brass
Name Plate: Aluminum
O-Ring: NBR
O-Ring: NBR

End Connections
Female Thread x Male Thread (REL-HVT)
Groove x Male Thread (REL-HVG)

Specifications
Groove Inlet: AWWA C 606
Thread Inlet: NPT

Listings and Approvals
cULus Listed
FM Approved

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Reliable Model HV Hose Valve Specification and Dimensions

**Figure 1**

### Table A

<table>
<thead>
<tr>
<th>Valve Size</th>
<th>Inlet</th>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1/2” (30)</td>
<td>Threaded</td>
<td>REL-HVT</td>
<td>7-7/16” (188)</td>
<td>2” (50)</td>
<td>2-5/16” (58)</td>
<td>3-9/16” (90)</td>
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<tr>
<td>2-1/2” (65)</td>
<td>Threaded</td>
<td>REL-HVT</td>
<td>10-2/3” (271)</td>
<td>2-3/4” (70)</td>
<td>3-1/8” (79)</td>
<td>5-1/16” (128)</td>
</tr>
<tr>
<td>2-1/2” (65)</td>
<td>Grooved</td>
<td>REL-HVG</td>
<td>11-7/16” (291)</td>
<td>3-9/16” (91)</td>
<td>3-1/8” (79)</td>
<td>5-1/16” (128)</td>
</tr>
</tbody>
</table>