



## Reliable Model HV Hose Valves

cULus Listed, FM Approved

### 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.

### Guarantee

For Reliable Automatic Sprinkler Co., Inc. guarantee, terms, and conditions, visit [www.reliablesprinkler.com](http://www.reliablesprinkler.com).

### 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



Female Thread x Male Thread

Groove x Male Thread



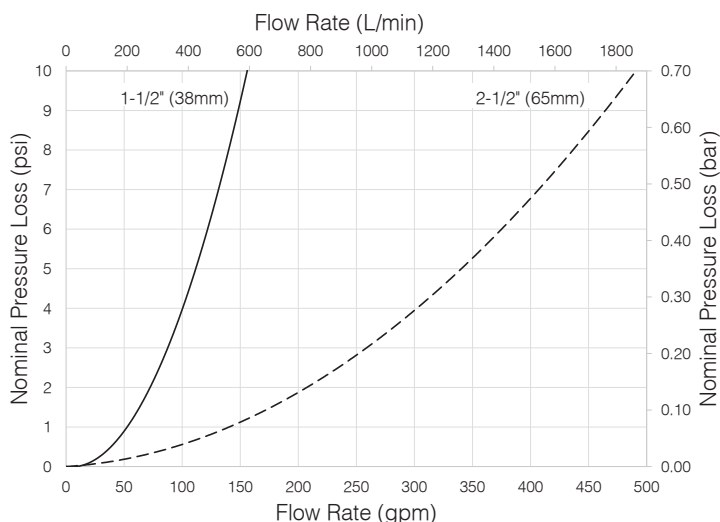
2-1/2" cap

1-1/2" cap

Cap with chain

### Pressure Loss Graph

Figure 1



### End Configuration Options

Table A

Model	End Connections	Sizes in (mm)	Approvals
REL-HVT	Female NPT Thread x Male NST Hose Thread	1-1/2" (38), 2-1/2" (65)	cULus Listed, FM Approved
REL-HVG	Groove x Male NST Hose Thread	2-1/2" (65)	cULus Listed, FM Approved

## 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

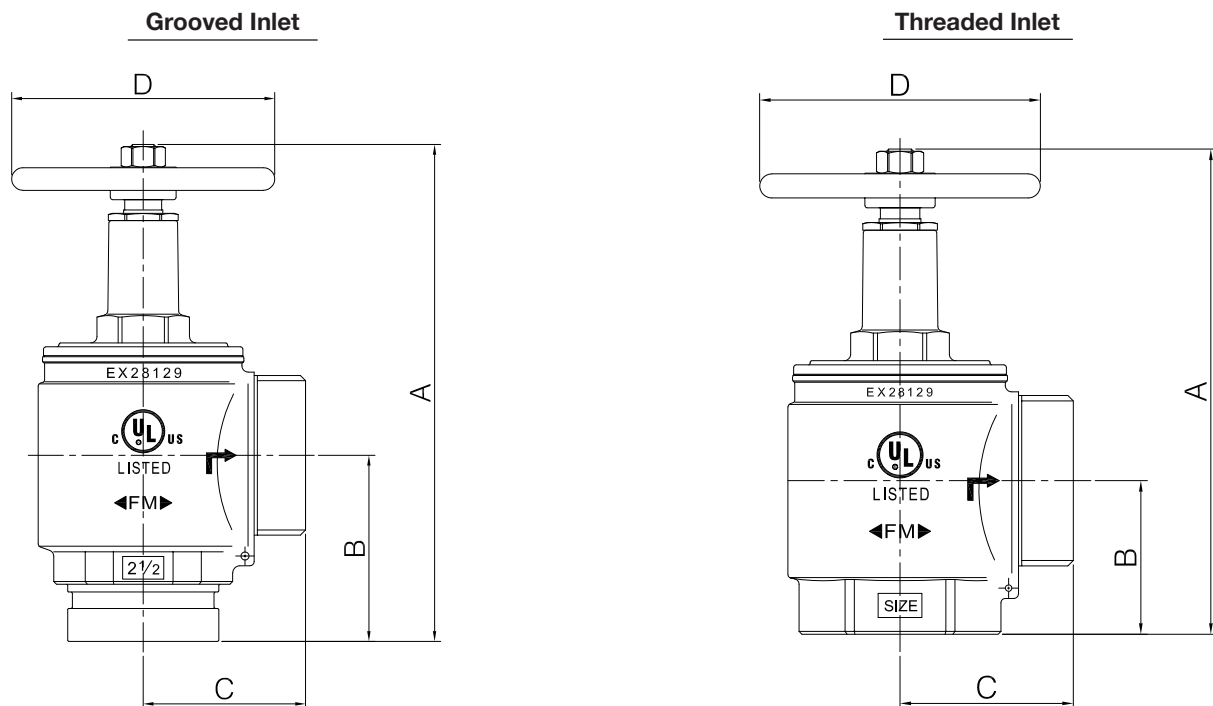
cULus Listed

FM Approved



## Reliable Model HV Hose Valve Specification and Dimensions

Figure 2



## Reliable Model HV Hose Valve Dimensions - in. (mm)

Table B

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