



## Model REL 9712 Air Release Valve

FM Approved  
200 psi

### Product Description

The Reliable Model REL 9712 is designed to automatically vent or release air which has accumulated in wet pipe fire sprinkler systems without losing water pressure. Air release valves can also be installed on the top of a centrifugal fire pump casing to release air and prevent pump cavitation.

### Installation

Reliable Air Release valves installed on wet pipe fire protection systems shall be installed in accordance with the requirements of NFPA 13 and any applicable local codes or standards. The recommended location is near a high point of the wet pipe system. The Model 9712 must be installed in the upright, vertical position on top of the pipe, in a location that does not obstruct the distribution pattern of any fire sprinkler. Air release valves installed on centrifugal fire pumps should be installed on the top of the fire pump casing.

### 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 Air Release 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.



Air Release Valve

### 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:

#### Valve Size

- 1/2" (15mm)
- 3/4" (20mm)
- 1" (25mm)

#### End Connection

- NPT
- BSPT
- BSPP

## Model REL 9712 Air Release Valve

### Technical Specifications

**Pressure Rating:**  
200 psi (20.7 bar)

### Material Specifications

**Body:** Ductile Iron A536 65-45-12  
**Cover:** Ductile Iron A536 65-45-12  
**Level:** Stainless Steel AISI 304  
**Seat Ring:** Stainless Steel AISI 304  
**Float:** Stainless Steel AISI 304  
**Float Arm:** Stainless Steel AISI 304  
**Orifice Button:** FKM fluoroelastomer

### Listings and Approvals

FM Approved

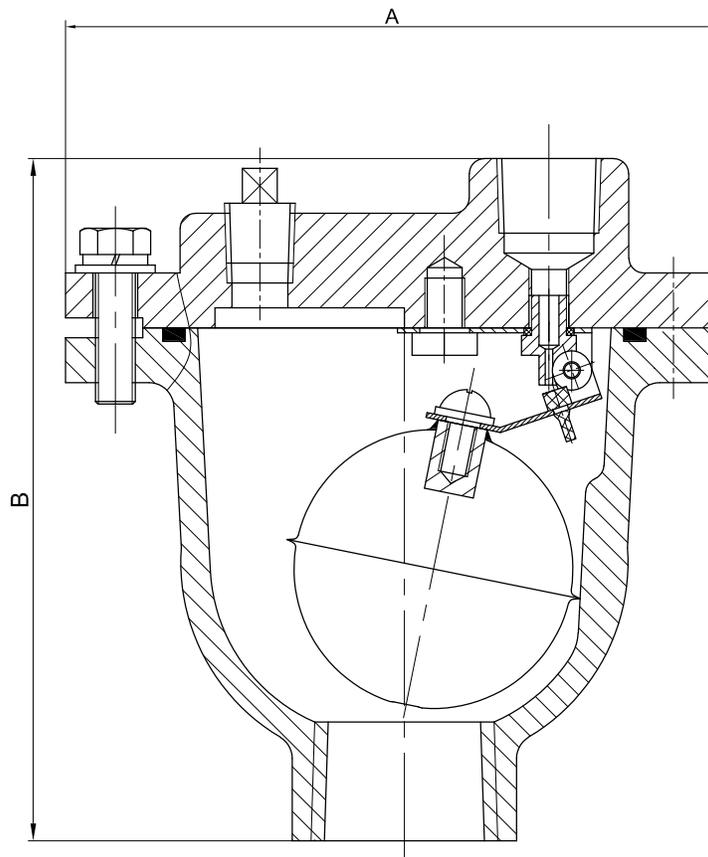
### End Connections - Female Threaded

NPT  
 BSPT  
 BSPP



## Dimensions

Figure 1



### Dimensions - in. (mm)

Table B

Valve Size	Inlet	Outlet	Orifice	A	B
1/2" (15)	1/2" (15)	1/2" (15)	1/16" (1.6)	4-15/16" (125)	5-3/8" (137)
3/4" (20)	3/4" (20)	1/2" (15)	1/16" (1.6)	4-15/16" (125)	5-3/8" (137)
1" (25)	1" (25)	1/2" (15)	1/16" (1.6)	4-15/16" (125)	5-3/8" (137)

P/N 9999970597