

AR MODEL

Air Release Valve



Benefits

- Pressure relief function (exceeding atmospheric pressure)
- Liquid overflow protection
- Release small air pocket from pipeline
- Increasing of pump efficiency
- Less system energy
- Maintenance free

Introduction

While the system is flowing and under pressure, air release valves continually and automatically exhaust the small quantities of air that would otherwise collect at system high points.

This ensures the system will remain free of trapped air (and sewage gases) thereby increasing system efficiency and reducing pumping cost.

Installation

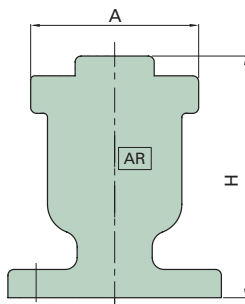
Air Release valve should be installed at high points or at grade changes within the pipeline.

Dimension Table

Unit = mm

| SIZE | 1/2" | 3/4" | 1 | 1 1/2" | 2" |
|------|------|------|-----|--------|-----|
| N.D | 15 | 20 | 25 | 40 | 50 |
| ØA | 85 | 85 | 85 | 120 | 150 |
| H | 122 | 122 | 122 | 150 | 200 |

Note: Standard flange connection is ANSI 150 lb and others are available on request.
As per requirement, NPT CONNECTION is available for connection type



Materials of Construction

| No. | Description | Material | | |
|-----|--------------|----------|-------------|-----------|
| | | Spec. 1 | Spec. 2 | Spec. 3 |
| 1 | Body | A216-WCB | B148-C95800 | A351-CF3M |
| 2 | Float & Disc | HDPE | HDPE | HDPE |
| 3 | Seat | NBR | NBR | NBR |