



Installation & Operating Manual



ART 1450 Flanged Air Release Valve

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1. Introduction

- Albion Valves (UK) Ltd ART 1450 ensure that any entrained air in the water system is automatically released in order to maximize the system performance.
- Albion Valves (UK) Ltd ART 1450 have been classified in accordance with PED 2014/68/ EU.

2. Technical Data

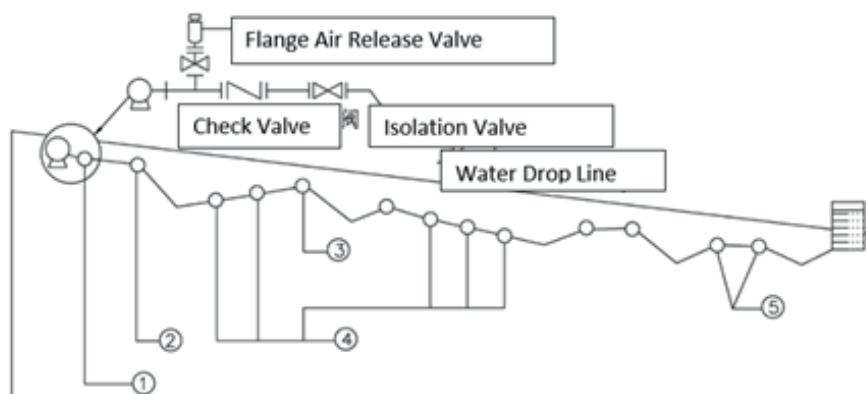
Valve Type	Size Range	Connection Type	Temperature Rating	Pressure Rating (Max)
ART 1450	DN15 – DN300	EN 1092 PN16	0°C – 80°C	PN 16

3. Valve Features

- Albion Valves (UK) Ltd ART 1450 air release valves are installed at the highest points in a pipeline where air naturally collects. This will then allow pockets of air to be released from all installation points.

4. Valve Installation

- Albion Valves (UK) Ltd recommend that the installer adheres to the installation requirements as specified by the Water Supply Water Fittings Regulations 1999.
- Installation of Albion Valves (UK) Ltd ART 1450 should on be installed by competent persons.
- Further guidance on torque tightening of flange bolts can be found on Albion Valves (UK) Ltd website.
- A typical schematic for the ART 1450 is shown below





5. Approvals Classification

- Please contact Albion Valves (UK) Ltd Quality Department for further details of any specific product approvals and accreditations.

6. Troubleshooting

- If the ART 1450 will not close: -

Failure Mode	Repair Method
Plug will not seal	Replace the plug
Joint leakage between the body and bonnet	Replace washer / gasket

- If the ART 1450 will not open: -

Failure Mode	Repair Method
Seat hole blocked	Remove the body / bonnet nuts to enable removal of any debris that has collected internally

7. Warranty

- For further details of Albion Valves (UK) Ltd warranty period, please refer to Albion Valves (UK) Ltd 'Conditions of Sale' available on our website.



About Albion Valves (UK) Ltd

Albion has been supplying valves and fittings to the building services and industrial markets for the past 40 years.

Albion was created with the sole purpose of providing quality products at an affordable price. With a growing reputation for quality and reliability, Albion is now an established brand providing the industry with a trusted alternative to premium-priced products.

Our commitment to setting the highest standards in all areas of our business means, if you're looking for quality, service, delivery and choice — you'll find it's all at Albion.

Quality

Whatever you need, you can rest assured that if it comes from Albion it has been designed and manufactured to deliver optimum performance and is accredited with the necessary approvals. Our in-house quality department are always on hand too!

Service

We pride ourselves on our customer service – we have even won awards for it! Our cradle to grave approach means you will never be on your own!

Delivery

We know that time is money, and when a priority project depends on a part you can trust Albion to deliver – next day for all orders placed before 4:00PM.

Choice

We may have started out with a single brass ball valve, but our range has grown substantially since and we now consider ourselves to be a 'One Stop Shop' with our comprehensive range. It is becoming more and more apparent to the industry, that it really is all at Albion.