



Installation & Operating Manual



ART 384 Bronze Swing Check Valve

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Contents

1. Introduction
2. Technical Data
3. Valve Features
4. Valve Installation
5. Approvals Classification
6. Troubleshooting
7. Warranty

1. Introduction

- Albion Valves (UK) Ltd ART 384 Swing Check Valve is ideally suited to prevent the backflow of any liquids in a pipeline system.
- Albion Valves (UK) Ltd ART 384 Swing Check Valve 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 384	DN15 – DN50	ISO 7/1 Taper Screwed	-10°C – 232°C	20 bar
ART 384	DN15 – DN50	ANSI B1.20.1	-10°C – 232°C	20 bar

3. Valve Features

- Albion Valves (UK) Ltd ART 384 Swing Check Valve is suitable for use on various media, including water and air.
- Albion Valves (UK) Ltd ART 384 Swing Check Valve designed with minimal restriction across the valve orifice ensuring efficient fluid flow due to a low pressure drop.
- Albion Valves (UK) Ltd ART 384 Swing Check Valve provides rapid closure reducing the opportunity for backflow in the system.

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.
- Albion Valves (UK) Ltd ART 384 Swing Check Valve should be sited to ensure ease of access.
- It is the responsibility of the installer to ensure the valve is suitable for service conditions e.g., temperature, pressure, and service media.
- Consideration should always be given to galvanic corrosion during installation.
- It is the responsibility of the installer to ensure that the valve, and adjoining pipework is



suitably supported to avoid any undue stresses being applied to the valve.

- Suitable sealing materials should be used during installation.
- Albion Valves (UK) Ltd ART 384 Swing Check Valve can be installed in either horizontal or vertical pipework systems. If installed in a vertical orientation, the fluid must be flowing in an upwards direction.
- Albion Valves (UK) Ltd ART 384 Swing Check Valves are not suitable to be used as backflow prevention devices.
- Care should be taken when assembling fittings to bronze valves as overtightening may cause them to crack.

5. Approvals Classification

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

6. Troubleshooting

- Albion Valves (UK) Ltd ART 384 Swing Check Valve do not require any routine maintenance.
- A full risk assessment should be undertaken prior to any works taking place.

7. Warranty

- Albion Valves (UK) Ltd ART 384 Swing Check Valve are supported by a 12 month warranty. Further details can be found 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.