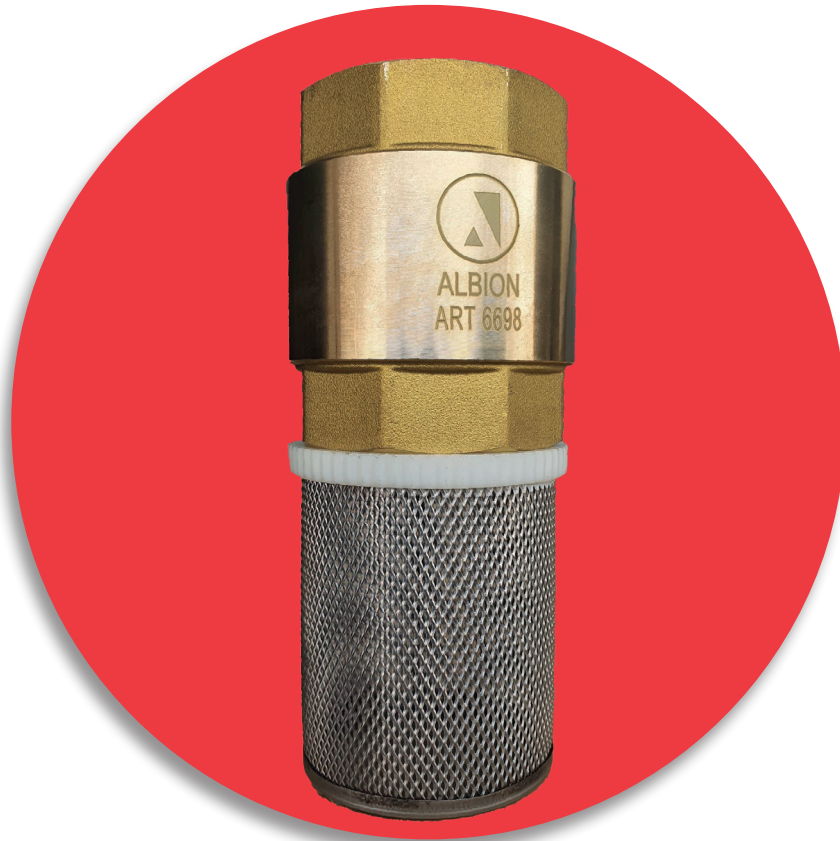




Installation & Operating Manual



ART 6698 Foot Valve

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1. Introduction

- Albion Valves (UK) Ltd ART 6698 Foot Valve is a non-return valve installed at the end of a pump suction in water or at the bottom of pipelines to prevent water from flowing backward when the pump is switched off.

2. Technical Data

- Maximum Working Pressure
 - o DN 15 – DN 25 - 16 bar
 - o DN 32 – DN 50 - 10 bar
 - o DN 40 – DN 50 – 8 bar
- Working Temperature Range
 - o 0°C - +90°C

3. Valve Features

- An ART 6698 Foot Valve is installed to keep a pump primed. This is done by controlling the direction of water flow to avoid water or fluid loss in a suction line. As soon as the pump stops the valve closes.

4. Valve Installation

- An ART 6698 Foot Valve is a type of check valve that is typically installed at a pump or at the bottom of a pipeline (hence the name).
- Typically, ART 6698 Foot Valves will work best when flow velocities are less than 1.5 m/s. If flow velocities are more than 1.5m/s, the risk of cavitation will increase,

5. Approvals Classification

- Albion Valves (UK) Ltd ART 6698 has a WRAS Approval.



6. Troubleshooting

- Albion Valves (UK) Ltd. ART 6698 should be kept as clean as possible. Any debris or foreign objects that is contained within the Foot Valve may prevent free disc movement and seating.
- Albion Valves (UK) Ltd ART 6698, along with all other Foot Valves are susceptible to wire drawing across the seat and disc flutter.

7. Warranty

- Albion Valves (UK) Ltd ART 6698 is 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.