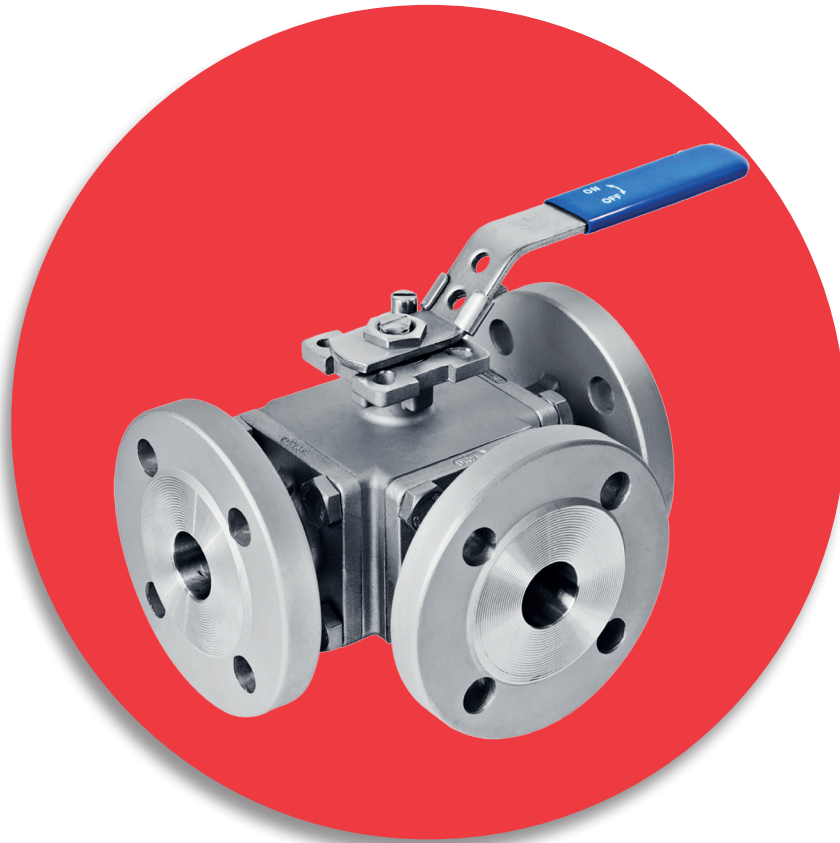




# **Installation & Operating Manual**



## **ART 997 / 998 'T' & 'L' Port Flanged Ball Valve**

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### **1. Introduction**

The purpose of this document is to provide installation and operational instructions for the below listed valves.

A complete risk assessment should take place prior to work commencing.

### **2. Technical Data**

<b>Valve Type</b>	<b>Size Range</b>	<b>Flange Connection Type</b>	<b>ISO Direct Mount</b>	<b>Temperature Rating</b>	<b>Pressure Rating (Max)</b>
ART 997T	DN15 – DN200	PN16 / PN40	ISO 5211	-25°C to 180°C	40 Bar (DN15 – DN50) 16 Bar (DN65 – DN200)
ART 998L	DN15 – DN200	PN16 / PN40	ISO 5211	-25°C to 180°C	40 Bar (DN15 – DN50) 16 Bar (DN65 – DN200)

*Please refer to the individual data sheets for full technical specifications.*

### **3. 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 range of flanged 3-port valves can be operated by either a manual lever or by way of actuation.
- It is the responsibility of the installer to ensure the valve is suitable for service conditions e.g., temperature, pressure, and service media.
- Where fitted, remove flange protectors / dust caps and all other packaging material.
- Care should be taken to ensure the surface finish of the valve is protected during installation. Any damage to the valve surface may cause metallic corrosion.
- The valves may be installed in horizontal pipework with the stem in the vertical position, or in vertical pipework with the stem horizontal.
- Suitable gaskets should be used during installation.
- It is the responsibility of the installer to ensure that the valve, and adjoining pipework is suitably supported.



- Bolt tightening must be even and diagonal around the valve face to prevent any alignment distortion. Further details regarding bolting sequences can be found on Albion Valves (UK) Ltd's website.

#### **4. Approvals Classification**

- The valves listed above are ATEX certified, please contact Albion Valves (UK) Ltd Quality Department for further details of any specific product approvals and accreditations.

#### **5. Troubleshooting**

- If any maintenance is to be undertaken on Albion Valves (UK) Ltd range of Flanged Ball Valves it is the responsibility of the installer to ensure the system is adequately drained, depressurised and the valve isolated before any work commences.
- A full risk assessment should be undertaken prior to any works taking place.

#### **6. 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) Limited**

Albion Valves (UK) Limited has been in the industrial heating and valve market for over 40 years, with this comes a wealth of knowledge and expertise that allows us to support our network of independent distributors and their customers.

Albion aims to supply a readily available, complete, quality valve solution alongside excellent cradle-to-grave support and service.

That is why we say, '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 and technical departments are always on hand too!

### **Service**

Our cradle-to-grave approach means you will never be on your own. Whether you need assistance with your system designs, an industry-leading turnaround time on your quote, or some help with commissioning after installation, we have a team to help!

### **Delivery**

We know that time is money, and when a priority project depends on a part, you can trust Albion to deliver. We deliver 95% of products the next day with 99.98% accuracy!

### **Choice**

We may have started with a single brass ball valve, but our range has grown substantially since and we can now offer a full building services valve solution, alongside a comprehensive range of valves for the industrial and process markets.

It is becoming more and more apparent to the industry, that it really is, all at Albion.