

# Complete Valve Solution for Chiller Rooms

Issue 01

It's all at Albion

Albion Valves (UK) Limited  
[www.albionvalvesuk.com](http://www.albionvalvesuk.com)

## Complete Valve Solutions for chiller rooms

Issue 1

Our story started 40 years ago with a single gas-approved brass ball valve. Since then, we have come a long way; we now offer a comprehensive range of valves which boasts over 5,000 product lines and includes everything from a simple ball valve to more intelligent valves, such as our hydronic balancing range.

Our product range isn't the only expansion here at Albion, our team has grown exponentially too. Allowing us to provide exceptional customer service to the whole supply chain; so whether you deal with our sales or projects team, or our quality and technical departments, you can rest assured that you're in safe hands!

And that leaves us where we are today, as one of the UK's leading valve brands, supplying exclusively to our network of independent distributors.



# Albion's Complete Valve Solution

## Ball Valves



## Butterfly Valves



## Gate Valves



## Globe Valves



## Check Valves



## Strainers & Drain Cocks



## Hydronic Balancing & Controls



## Pressure Control Valves



## Solenoid Valves



## Actuation



## Misc. Valves



## Flexible Connectors



## Fittings & Flanges







## Energy is now a data centre's largest controllable cost and a growing business risk.

Prices are volatile and grid capacity is tight, and as data centre's are such a big energy user, the sector is under increasing pressure to prove real efficiency gains.

Most of the energy used in a data centre is directly linked to cooling and moving water. Reducing the energy used in this process will not only cut energy costs and reduce emissions, but it can also release electrical capacity for new racks without expensive upgrades.

Efficient sites also run cooler, quieter, and more reliably; the positive news is the wins are practical and immediate with better flow control, and this can be achieved with valves!

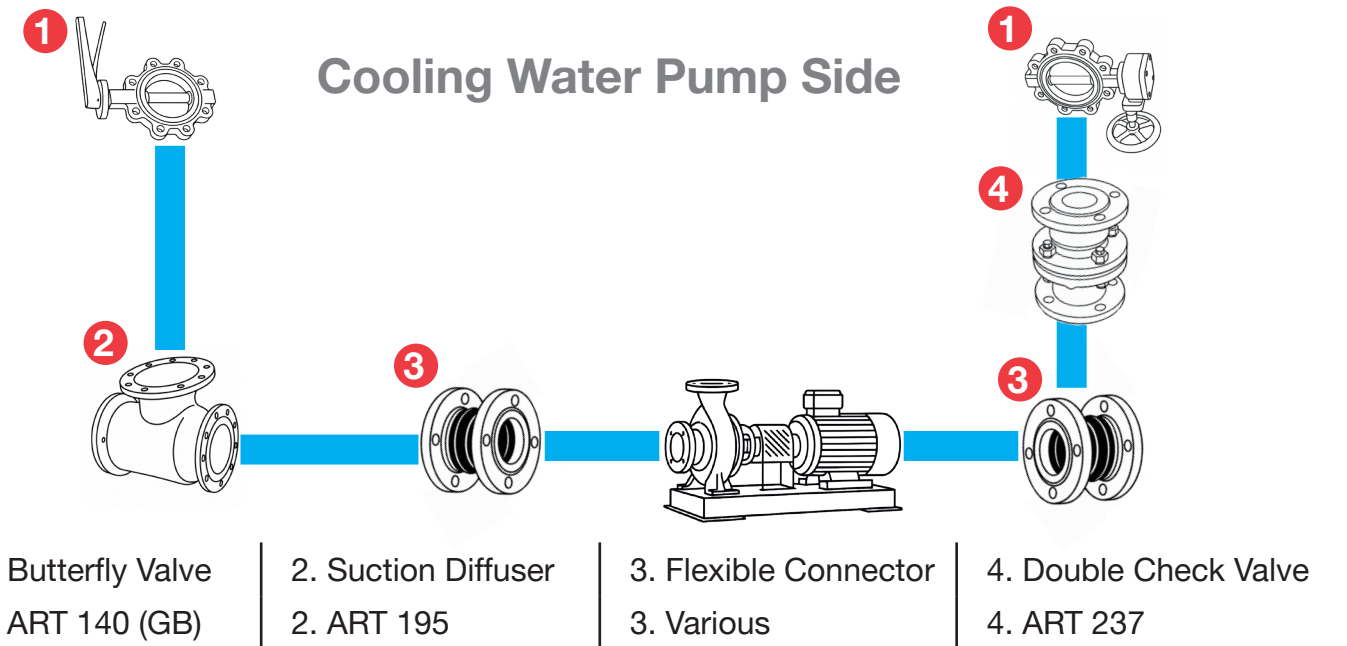
Albion Valves (UK) Limited supply engineered valve solutions that make this process simple, robust, and repeatable!

- Butterfly Valves - isolate plant for maintenance without taking whole systems offline or wasting energy.
- Balancing Valves - ensure every room, row, and coil get the flow it needs, preventing hot/cold spots and stopping pumps from overworking.
- Suction Diffusers – streamline flow and remove debris, protecting pumps and ensuring they operate at peak efficiency.
- Triple Duty Valves – combine throttling, check, and shut-off functions in one, balancing the system and reducing energy loss.
- Flexible Connectors - absorb vibration and unnecessary movement, reducing leaks, protecting equipment from unnecessary stress and wasted pump effort.

**Lower your PUE with smarter control.  
Ask for Albion.**

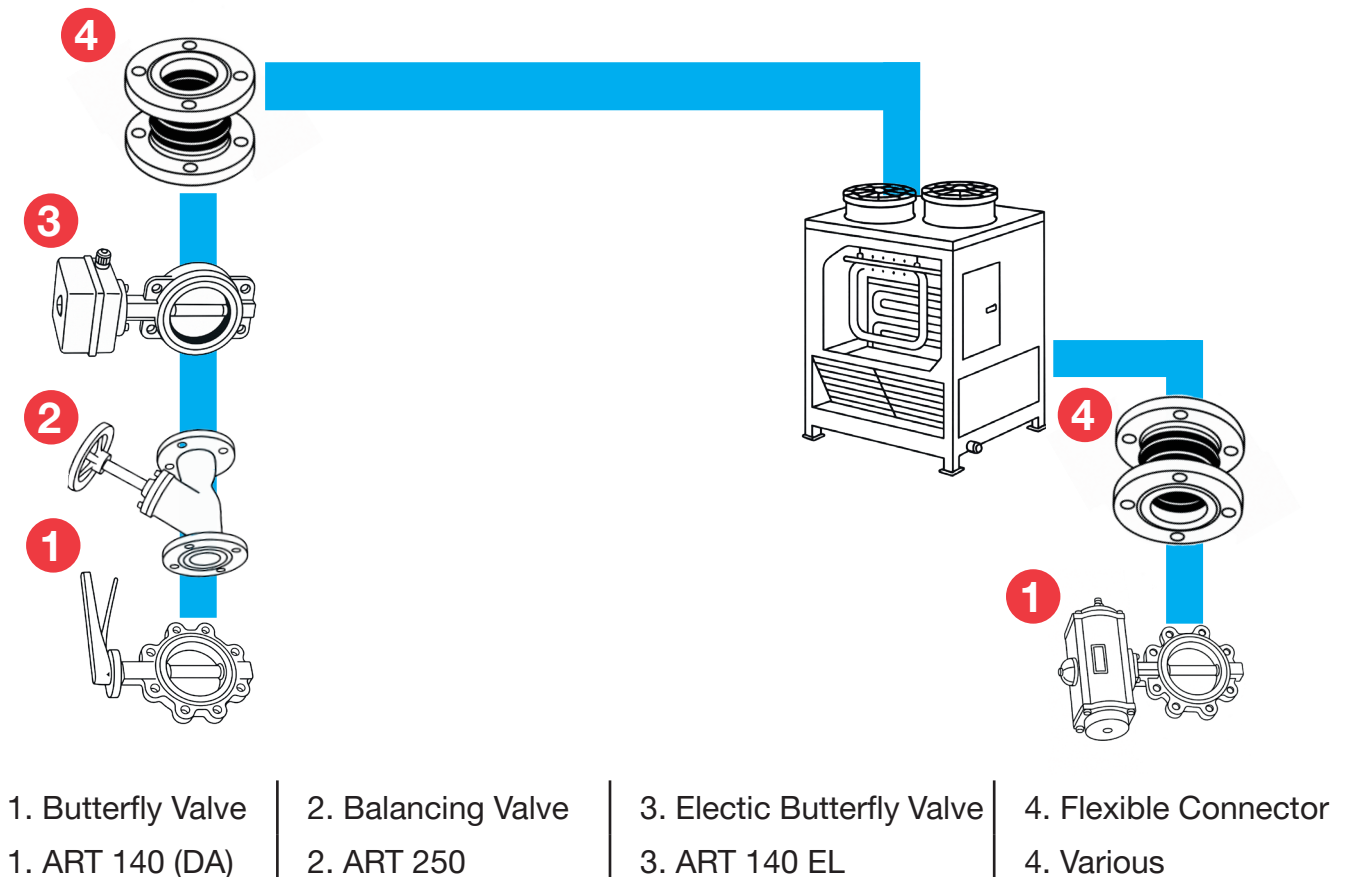
## Engineering Solutions

Albion has a dedicated Projects Team based in the UK, their mission is to help consultants and contractors get the best out of their system through engineering solutions and optimised valve selection.



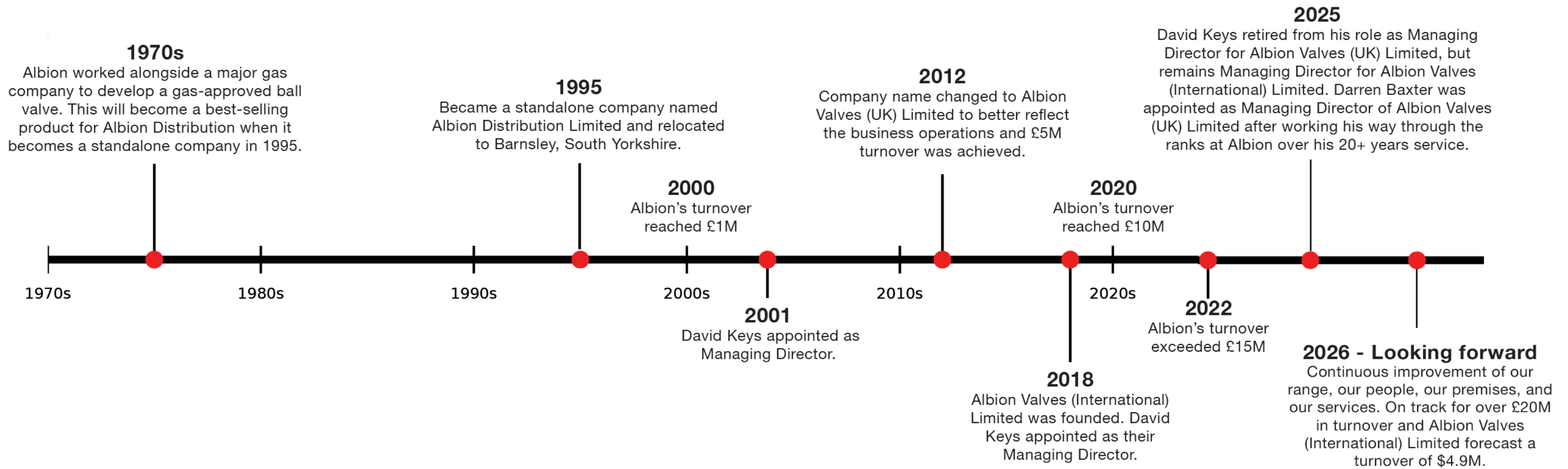
**Cooling Tower Side**

On the cooling tower side, valves regulate and control the flow of water to ensure proper distribution, balancing, and system protection. They help maintain efficient operation by isolating equipment, preventing backflow, and optimizing flow rates.





# The history of Albion





## **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.