

# Data Centre Backflow Prevention

Optimising water supply to data centres



**SCOPE**

RPZ backflow prevention  
for a data centre

- **WHO**  
Large technology company
- **WHAT**  
Backflow prevention
- **HOW**  
BA 4760 Drinking water  
backflow preventor
- **WHERE**  
Sweden
- **WHEN**  
January 2021

Across the globe, large data centres house the servers that power our internet lives. These vital systems maintain the servers that host our favourite websites and social media. Large data centres rely on complex cooling systems to maintain the optimum temperatures for this essential equipment. Keeping the world connected is an important job and even minor service interruptions can cause significant problems for organisations who rely on them.



## Backflow prevention to secure water supply

Data centre buildings are carefully constructed to ensure they can support the long-term operation requirements of the essential equipment they house. The water supply requires absolute reliability to ensure that the chilling systems are operating at their optimum levels.

Backflow prevention is an important part of any chilled water system as it ensures that any contaminated water from the system does not mix with the main water supply. This helps to ensure that the system can work uninterrupted and safely.

For this project, our BA 4760 drinking water backflow preventor and lead-free water service vacuum relief valves are installed to deliver safe backflow prevention to ensure the drinking water is kept contaminant free.

James Turner, National Key Account Manager for Watts explains: “Effective backflow prevention is a key component of these vital data centres that keep the digital world running. Whether it’s delivering only the backflow prevention or support to provide chilling using other products in our SOCLA range, our products are in use in data centres across the globe.”



## SOCLA Benefits

SOCLA are specialists in backflow prevention to protect drinking water in a range of applications and ensure that waste is always evacuated away from the main pipeline.

Backflow prevention and flow control technology is essential to clean water supplies to help prevent the spread of disease and illness from a contaminated water supply. Our commitment is to ensure that people around the world have access to safe, uninterrupted water supply. SOCLA's market-leading products are designed and manufactured to the highest standards and are the leading brand in anti-pollution protection for water distribution system

All SOCLA's manufacturing locations are ISO9001, ISO14001 and ISO18001 certified and manufactured to the highest quality.

*All images are for illustration purposes only*

## Products Used

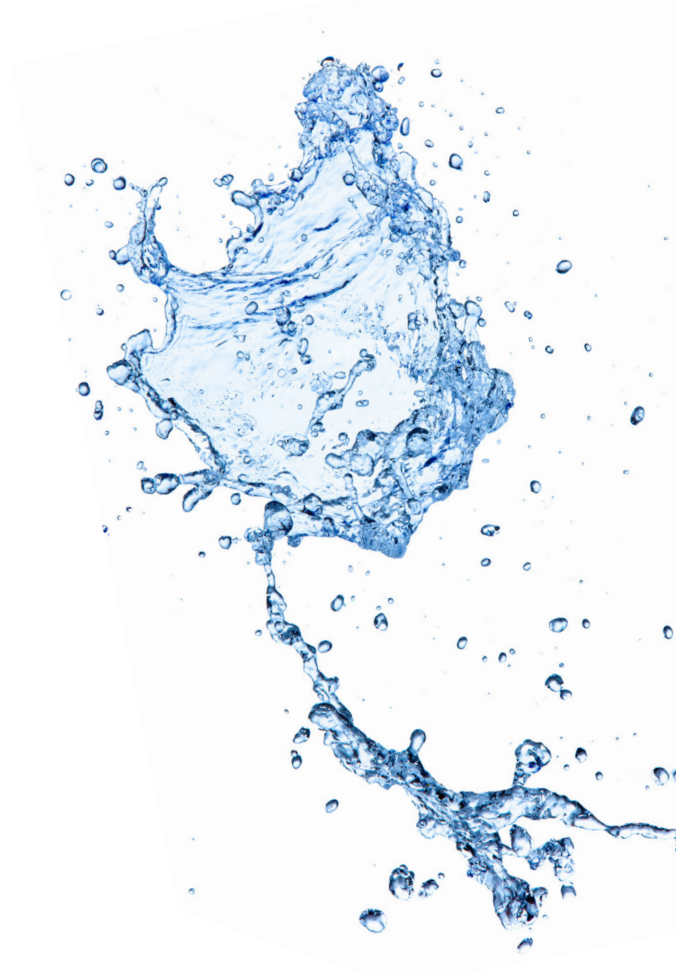


BA 4760 Drinking water backflow preventor



Lead Free Water Service Vacuum Relief Valves





## Watts

At Watts we have one of the widest product ranges in the industry and our products improve comfort, safety and the quality of life for people around the world.

Our range encompasses several well-known brands that form a key part of our product offer. Our experienced team can supply everything you need for your project whether it's plumbing or flow control solutions, water quality and conditioning or HVAC you'll find a Watts product that meets your needs with full support available across the entire product range.

For more information about Powerseat® or any of our gas safety products, please call 01480 407074 or email us on [wattsuk@wattswater.com](mailto:wattsuk@wattswater.com)

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