



# Installation & Operating Manual



## ART 675 Pressure Reducing Valve

**Albion Valves (UK) Ltd**  
[www.albionvalvesuk.com](http://www.albionvalvesuk.com)  
Email: [sales@albionvalvesuk.com](mailto:sales@albionvalvesuk.com)  
Tel: 01226 729900



Albion Valves (UK) Ltd – ART 675 Pressure Reducing Valve - 22mm with 15mm reducing inserts – WRAS Approved.

A water pressure-reducing valve, (or PRV) is a specialized plumbing valve that reduces the water pressure coming into a property through the main water line. This valve brings down the pressure to a safe level before the water reaches any plumbing fixtures inside the home.

<b>ART 675 Technical Specification</b>	
Material	DZR brass
Finish	Chrome plating
Maximum inlet pressure	16 bar
Outlet pressure range	1 bar – 6 bar
Operating temperature range	-10°C – 80°C

### **Setting Instructions**

All PRV are pre-set at 3 bar by the manufacturer.

The outlet pressure of a PRV can be adjusted by: -

1. Close off the mains stopcock.
  2. Leave one tap in the property open.
  3. Adjust the PRV (by turning the screw on the head) in the same direction as the +/- arrows).
  4. Turn on the mains stopcock.
  5. Read the pressure on the gauge (ensure the tap is still open).
  6. Adjust as necessary by following steps 1-5 inclusive.
- Do not adjust the PRV with water flowing through it.
  - A tap must always be left open whilst adjustments are being made.
  - The pressure gauge may read incorrectly with the stopcock open and all taps closed.



## **Valve Maintenance**

The ART 675 PRV may require occasional cleaning of the internal filter. To do this by the following steps: -

- Isolate the valve.
- Unscrew the plastic head.
- Remove the filter.
- Rinse with warm water – do not use detergents.
- Reassemble.

## **Installation of 15mm Reducing Inserts**

To reduce the valve inlet to 15mm, remove the olive and exchange for the reducing insert. Once the reducing insert is in place tighten the compression nut with the 15mm pipe installed until there is a secure pressure tight fit around the pipe.



## **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.