



## **ISOVALVE™ and ACCESSORIES //** **Technical Specifications**

### **Use:**

The Isovalve™ (male and female models) and its accessories are designed to be used as a service and flow control valve which are installed prior to a plumbing fixture or appliance.

### **Build of Materials:**

- Brass: DZR Brass 352 precision machined bar
- O-rings: Twin Nitrile O-rings Durometer Hardness Duro70
- Washer: Acetyl
- Surface Finish: Chrome Plating
- Filter: Nylon PA-66 & 304 Stainless Steel 40x40 Mesh Aperture 0.42mm

### **Flow and Pressure Options:**

- Operating Pressure: Min 20kPa to Max 1600 kPa
- Maximum Pressure Test: For pipework pressure testing up to 2000kPa
- Minimum Pressure: At the minimum operating pressure of 20kPa  
A single Isovalve™ will deliver a maximum 6.5L/min. When installed prior to a typical ceramic disc faucet (which will deliver approximately 4.25L/min @ 20kPa) the Isovalve™ will have no significant effect on the flow of water from the faucet.
- Typical Operating Pressure: At a typical operating pressure of 750kPa – a single Isovalve™ can deliver a maximum of approximately 33L/min.

### **Operating Temperature Range:**

- Short term: Min 0°C to Max 90°C. Extended term 60°C

### **Certification and Standards:**

- Isovalve™s and accessories are manufactured and certified to comply with: AT5200.012; AS3688:2005; and ISO5208
- DZR Brass complies with AS2345
- Australian WaterMark Certification Licence N° WM-022069 AT5200.012

### **Guarantees:**

Every Isovalve™ is factory tested before packaging. Isovalve™s are guaranteed against defective parts for a period of 5 (five) years.