

Flow Regulating Isolation Ball Valve

Size: 22mm
Cartridge: 4 Ltrs/minute (pink)
Operator: Screwdriver Slot

The CP961® Wondervalue is a revolutionary isolation valve that allows precise control of the amount of water delivered to the outlet. It's designed to accept a flow regulating cartridge that can be inserted in seconds. This gives it the edge over any other method of water control.

The wonderful advantage of the CP961® Wondervalue is that it accurately controls the flow of water to reduce water wastage resulting in lower water bills and energy costs, as well as being the solution to many other problems encountered in a plumbing system.

The CP961® is installed just like any ordinary isolation valve. Yet it delivers a simple and cost effective solution to any problems encountered on a daily basis whether technical or legislative. So whenever an isolation valve is needed it makes sense to fit a CP961®.



Materials:

Access Port Cap:	Nickel Plated Brass DZR CW602N
Ball:	Hard Chrome Plated Brass CW617N
Body:	Nickel Plated Brass DZR CW602N
End Cap:	Nickel Plated Brass CW602N
Stem:	Nickel Plated Brass CW617N
O Rings:	EPDM
Seal:	PTFE
Optimum Pressure Range:	0.2 – 10 bar (accuracy \pm 10% open outlet)
Optimum Pressure Range (low):	0.2 – 4 bar (accuracy \pm 15% open outlet)
Optional lever operator:	Black, Blue or Red
Patent:	European Patent No. 0840188

Pressure and temperature ratings are minimum and maximum values only and actual performance will be dependant upon application.

How the flow cartridge works



Constant flow - super precision.

If you chose a Wondervalue with a 6 litre cartridge you will get 6 litres a minute whether the pressure is 0.50 bar, 10 bar or fluctuating anywhere in between.

CARTRIDGE RANGE (Ltrs / Min) Standard Pressure					CARTRIDGE RATING	CONNECTIONS
2.5 (Green)	4 (Grey)	6 (Black)	8 (White)	10 (Blue)	PN10	John Guest Speedfit
12 (Red)	15 (Lime)	18 (Green)	26 (Pink)			
CARTRIDGE RANGE (Ltrs / Min) Low Pressure					FILTERS	
3.0 (Brown)	4 (Grey)	6 (Black)	8 (White)	10 (Blue)	14 (Red)	30 Mesh or 60 Mesh

Current and future regulations will make it necessary to calculate the amount of water delivered at each outlet. The CP961® will deliver the desired flow rate to any tap or fitting you choose and simply being able to insert a different cartridge at anytime makes it future proof.

Mixing valve problems

Mixer showers don't always handle the supply of hot and cold water effectively, particularly where there may be high cold mains pressure, resulting in unpredictable temperatures. The solution is to install a CP961® which will help regulate the flow and balance the system.

Notes:

The CP961® becomes a flow regulating valve or a filter/flow regulating valve once a cartridge is inserted into the ball via the side access port.

The CP961® requires directional flow as indicated by the arrow casting stamp located near to the valve stem.

Recommended flow rates:

Basins/Taps	2.5 – 6 Litres/minute
Sinks/Taps	4 – 8 Litres/minute
Shower	6 – 12 Litres/minute
Bath	8 – 10 Litres/minute
Bidet	4 – 6 Litres/minute

These are guidance only. For other appliances refer to manufacturers' recommendations.

Approvals: Waterwise, Wras