

LET THE
SAVINGS
POUR IN



wonder**valve**

THE WAY IT SAVES MONEY IS WONDERFUL

SIMPLE EFFECTIVE & VERSATLE

Looks and is fitted like any ordinary isolation valve, except once fitted the Wondervalue works harder to save you money. It has been designed to accept a clever flow regulating cartridge to control water and the effects of pressure to deliver a constant flow of water and create a better balanced system. Which means you'll use less water, and if it's hot water, you'll reduce your energy costs too. What's more it works with any design of kitchen or bathroom fittings so you can just fit it, forget it and reap the rewards.

wonder**value**

THE WAY IT SAVES MONEY IS WONDERFUL

BRUSHING YOUR TEETH



up to

£95
SAVING
PER YEAR*

DOING THE DISHES



up to

£119
SAVING
PER YEAR*

TAKING A SHOWER



up to

£350
SAVING
PER YEAR*

BRILLIANT LITTLE PROBLEM SOLVER



Whether you're a home owner, a plumber, an architect or responsible for the commercial or public sector the Wondervalue is your one answer to a multitude of situations. Firstly it allows you to meet current building regulations but more importantly overcome some common supply problems, like too much outlet pressure or water starvation, whilst returning some attractive savings on your utility bills.

wondervalue

THE WAY IT SAVES MONEY IS WONDERFUL

BETTER DELIVERY



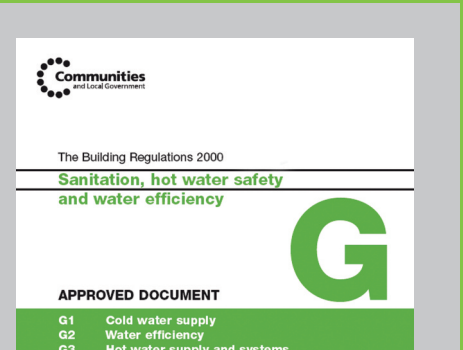
Too high water pressure can result in splash back, demand to multiple outlets can lead to water starvation, mixer showers don't always handle the supply of hot and cold water effectively. The Wondervalue eliminates all these problems by balancing the amount of water output to a controlled but efficient level.

MORE CHOICE



The Wondervalue will fit with any tap, any shower, any appliance allowing you the freedom to choose the bathroom, kitchen or utility design you like. The choice is endless, there are no limitations.

MEETS REGULATIONS



Where regulations are concerned the Wondervalue is timeless as it allows you to meet current regulations and because of its flexibility of being able to insert a different cartridge at any time it's virtually future-proof.

CLEVER DESIGN



The Wondervalue took the simple isolation valve - something that allowed or stopped the flow of water to an outlet - and evolved it in to an ingenious device that gave it the power to do so much more. It works like any ordinary ball valve but it has been engineered to carry a cartridge, that's inserted in the ball, so when it's open it controls the flow of water to the outlet. You'll use less water and less energy to heat water, both of which should mean you spend less on your utility bills. Now that is clever!

wonder**valve**

THE WAY IT SAVES MONEY IS WONDERFUL

SIMPLE



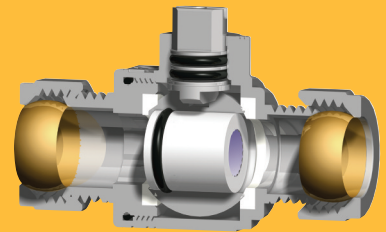
A simple isolation valve that works like any ordinary isolation valve when it's closed...

CLEVER



...but has a cartridge placed inside the ball...

WONDERFUL



...but when its open it becomes the **wonder**valve saving you money.

SUPER PRECISION

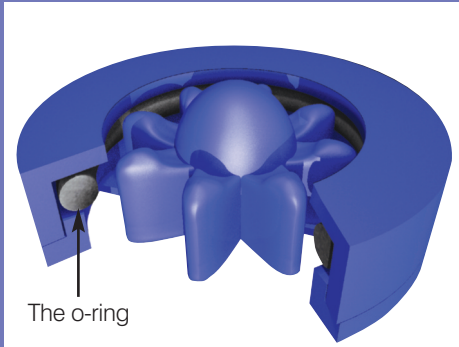


It might look simple from the outside but internally it has been engineered to perform to precise levels of accuracy. There are a range of cartridges available that you can choose from that have been designed to adjust to changes in water pressure to deliver a constant flow that can range from 2.5 litres per minute to 26 litres per minute. No other product on the market offers such control with such flexibility.

wonder**valve**

THE WAY IT SAVES MONEY IS WONDERFUL

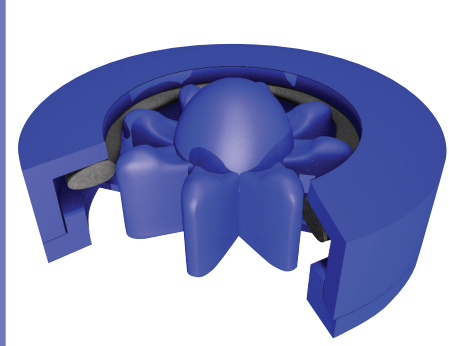
NO PRESSURE



STATIC CONDITIONS (NO FLOW)

The o-ring is relaxed.

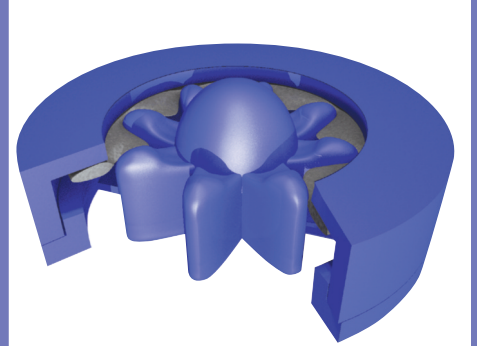
NORMAL PRESSURE



DYNAMIC CONDITIONS (FLOW)

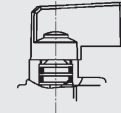
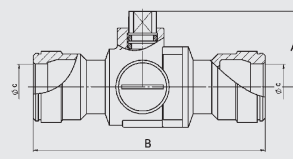
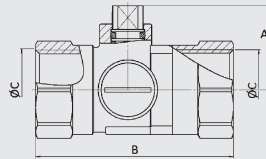
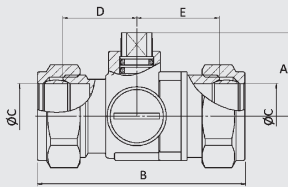
The o-ring subjected to the line pressure is compressed into the seating area reducing the water passage.

HIGH PRESSURE



DYNAMIC CONDITIONS (FLOW)

As the pressure increases the o-ring is compressed further into the seating area and reduces the water passage further. As the pressure decreases the o-ring returns to its original relaxed position.



Valve specification

Body	Nickel Plated DZR Brass (CW602N)
End Cap	Nickel Plated DZR Brass (CW602N)
Ball	Hard Chrome Plated DZR Brass (CW602N)
Stem	Nickel Plated DZR Brass (CW602N)
Access Port Cap	Nickel Plated DZR Brass (CW602N)
Compression Nuts	Nickel Plated DZR Brass (CW602N)
Olives	Brass
Seats	PTFE
Seals	EPDM

Pressure rating	PN16	Temperature range	0°C to 85°C
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Cartridge range

Filter, 30 Mesh			570 _µ - Open Area 45%							
Filter, 60 Mesh			260 _µ - Open Area 39%							
Flow regulator, Standard pressure (0.5 to 10 bar) Accuracy +/- 10% Open outlet										
Ltr/Min*	2.5	3.0	04	06	08	10	12	15	18	26
Ltr/Sec	0.04	0.05	0.07	0.10	0.13	0.17	0.20	0.25	0.30	0.44
Colour	Green	Brown	Grey	Black	White	Blue	Red	Lime	Green	Pink

Flow regulator, Low pressure (0.2 to 4 bar) Accuracy +/- 15% Open outlet

Litres/Minute	3	4	6	8	10	14
Litres/Second	0.05	0.07	0.10	0.13	0.17	0.23
Colour	Brown	Grey	Black	White	Blue	Red

Combined Filter/Regulator Either filter mesh with any flow regulator, in a single cartridge

Cartridge materials

Housing	Acetal
Seal	Nitrile 2455
Pin	Stainless Steel

Filter & Flow Regulator Materials

Filter Basket	Stainless Steel
Regulator Core	HOSTAFORM C9021
Regulator Diaphragm	EPDM

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 for guidance only. For other appliances refer to manufacturers' recommendations.

	Compression		Screwed		P. Fit
Size	15mm	22mm	1/2"	3/4"	15mm
A	27.3	27.3	27.3	27.3	27.3
B	67.0	71.0	67.0	67.0	91.5
ØC	15.0	22.0	1/2"	3/4"	15.0
D	23.60	23.5	-	-	-
E	27.40	27.4	-	-	-



WRAS
APPROVED
PRODUCT



Patent No.0840188

Prefixes all CP961 products

Flow rate required*

No regulator - No digit

Operating mechanism

Lever** L
Screwdriver Slot No digit

CP961	R	06	X	L	C	15
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Cartridge option required

Regulating R
Filter Regulating FR
Filter (30 Mesh) F3
Filter Regulating (30 Mesh) F3R
Isolation only No digit

Material and finish

Nickel plated DZR X

Connections

Compression C
Female F
Push Fit P

Size

15mm CxC 15
22mm CxC 22
15mm PxP 15
1/2" FxF 15
3/4" FxF 20

**Specify Red or Blue coloured lever