

# Fig.250W / Fig.250CW Double Check Valves

## FEATURES & BENEFITS

- Double check valves are used to prevent the risk of backflow and back siphonage contamination in domestic dwellings, public and commercial buildings
- WRAS Approved for use with wholesome (potable) water to 60°C
- Supplied with compression ends complying with BS EN 1252-2 for use with BS EN 1057 R250 (half hard) copper tube or female taper threads complying with BS EN 10226- 2
- Shell pressure rating for Fig. 250W and Fig. 250CW is PN16 with a maximum inlet/working pressure of 10 bar



Fig.250W

## MATERIAL SPECIFICATION

Component	Material	Specification BS EN
Body	DZR Copper Alloy	BS EN 12165 CW602N
Cartridge	Acetal	-
'O' Ring	NBR / EPDM	-
Compression Nut	Brass	BS EN 12164 CW617N
Olive	Brass	-
Plating (Compression)	Nickel Plated	-
Plating (Threaded)	Unplated	-

## PRESSURE/ TEMPERATURE RATING

Shell Pressure PN16  
85°C maximum - WRAS Approved to 60°C

## MAX INLET/WORKING PRESSURE

10 bar

## WRAS APPROVED

10 bar

## MIN OPENING PRESSURE

0.1 bar

## END CONNECTIONS

Compression to BS EN 1252-2 and taper female threaded to BS EN 10226-2

## APPLICATION

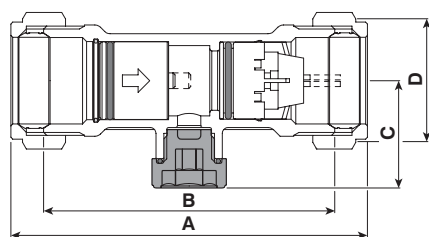
Water

## PED

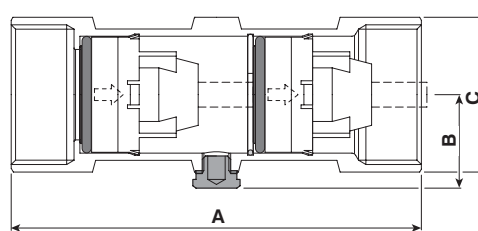
This valve is suitable for use on group 2 liquids only as defined by the Pressure Equipment Directive 2014/68/EU

## DIMENSIONAL DRAWING

Compression



Threaded



## DIMENSIONS & WEIGHTS

### Compression

Nom Size	mm	15	22	28
A	mm	79	92	107
B	mm	62	75	89
C	mm	24.5	27.5	30.5
D	mm	24	31.5	39
Weight (approx)	kg	0.15	0.19	0.29

### Threaded

Nom Size	inch	1/2	3/4	1	1 1/4	1 1/2	2
A	inch	64	78	94	118	131.5	181
B	inch	18	21	25	33.5	37.5	37.5
C	inch	24	32	38	46	53	64
Weight (approx)	kg	0.15	0.24	0.36	0.49	0.51	0.82