

R251WT



Water  
Management

Datasheet  
0912EN  03/2024

# Ball valve specific for domestic water, standard port



Ball valve, with female-female connections, for pipes with high insulation thickness, specific for domestic water. Standard port.

## Versions and product codes

PRODUCT CODE	CONNECTIONS	FINISHING	HANDLE TYPE	HANDLE COLOR	NOTES
R251WX102	Rp 3/8" x Rp 3/8"	Nickel plated brass	Extended T-handle	Green, red, blue plates	For pipes with high insulation thickness
R251WX103	Rp 1/2" x Rp 1/2"	Nickel plated brass	Extended T-handle	Green, red, blue plates	For pipes with high insulation thickness
R251WX104	Rp 3/4" x Rp 3/4"	Nickel plated brass	Extended T-handle	Green, red, blue plates	For pipes with high insulation thickness
R251WX105	Rp 1" x Rp 1"	Nickel plated brass	Extended T-handle	Green, red, blue plates	For pipes with high insulation thickness
R251WX106	Rp 1-1/4" x Rp 1-1/4"	Nickel plated brass	Extended T-handle	Green, red, blue plates	For pipes with high insulation thickness

### Optional

- R540FY002: red contact thermometer, for installation in extended T-handles, scale 0÷120 °C, Ø 40 mm
- R540FY022: blue contact thermometer, for installation in extended T-handles, scale 0÷120 °C, Ø 40 mm

## Technical data

### Main features and materials

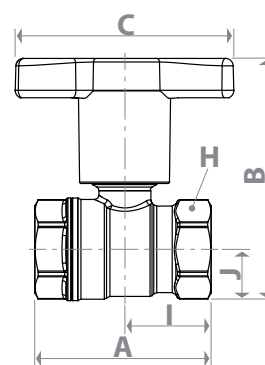
- Specific for domestic water
- Standard port
- Valve made of UNI EN 12165 CW617N Nickel plated brass
- Stem with double O-Ring
- Nut with anti-corrosion coating, with guarantee seal and hologram
- Extended plastic T-handle, with green, red and blue plates

### Field of applications

- Temperature range: 5÷110 °C, possibility of 120 °C for short periods of time
- Max. working pressure at 20 °C with water and not dangerous gas:  
4,2 MPa (42 bar) for 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4"

## Dimensions and Kv

PRODUCT CODE	DN	A [mm]	I [mm]	B [mm]	J [mm]	C [mm]	H [mm]	Kv
R251WX102	10	48	24	75	14	78	wr.21	6,7
R251WX103	14	57	28	77	15	78	wr.25	10,2
R251WX104	18	68	34	86	18	78	wr.32	18,5
R251WX105	22	79	39,5	95	23	78	wr.40	36,3
R251WX106	28	92	46	104	28	78	wr.49	73,5



## Product specifications

### R251WT

Ball valve, with female-female connections, for pipes with high insulation thickness. Specific for domestic water. Valve made of UNI EN 12165 CW617N Nickel plated brass. Standard port. Extended plastic T-handle, with green, red and blue plates. Stem with double O-Ring. Nut with anti-corrosion coating, with guarantee seal and hologram. Temperature range: 5÷110 °C, possibility of 120 °C for short periods of time. Max. working pressure at 20 °C with water and not dangerous gas: 4,2 MPa (42 bar) for 3/8", 1/2", 3/4"; 3,5 MPa (35 bar) for 1", 1-1/4".

**⚠ Safety Warning.** Installation, commissioning and periodical maintenance of the product must be carried out by qualified operators in compliance with national regulations and/or local standards. A qualified installer must take all required measures, including use of Individual Protection Devices, for his and others' safety. An improper installation may damage people, animals or objects towards which Giacomini S.p.A. may not be held liable.

**♻ Package Disposal.** Carton boxes: paper recycling. Plastic bags and bubble wrap: plastic recycling.

**ℹ Additional information.** For more information, go to [giacomini.com](http://giacomini.com) or contact our technical assistance service. This document provides only general indications. Giacomini S.p.A. may change at any time, without notice and for technical or commercial reasons, the items included herewith. The information included in this technical sheet do not exempt the user from strictly complying with the rules and good practice standards in force.

**🗑 Product Disposal.** Do not dispose of product as municipal waste at the end of its life cycle. Dispose of product at a special recycling platform managed by local authorities or at retailers providing this type of service.