

### Function

Luxor in-wall fittings are designed to meet the modern necessity to use removable plastic pipes for the distribution of sanitary and heating water. The main advantages of this product are the following:

- easy pipe laying;
- possibility of carrying out maintenance without damaging the walls by operating inside the plastic boxes which isolate the fittings from the plaster;
- low system noisiness thanks to the lack of junctions which make noise;
- aesthetic quality of the end result.

All the internal surfaces have not undergone galvanic treatments so as to comply with D.M.174 for the transport of drinking water.



### Technical data

Max. working pressure:	10 bar
Max. working temperature:	120 °C
Working fluids:	water in compliance with UNI 8065:2019

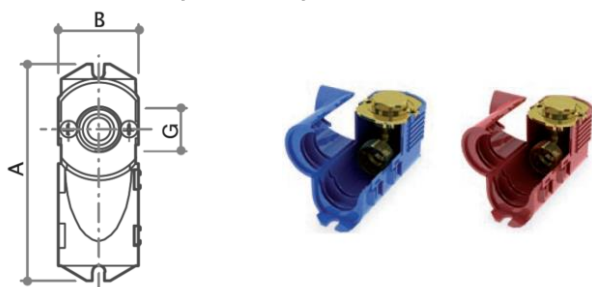
### Materials

Fitting :	CW 626 N – UNI-EN 12165:2016
Gaskets:	Peroxide cured EPDM
Boxes:	Talc-filled polypropylene
Pipe:	Chrome-plated copper
Bracket:	FeZ100 – EN 101420-92

## Dimensional Drawings

### GS 1995

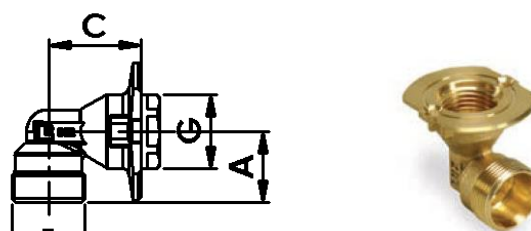
Single 90° in-wall elbow fitting, blue or red coloured, without bracket, with brass plug and O-ring.



Code	Size	A	B	C	F	G
66004100B	G1/2XW24x19	104	38	50	W24x19	G1/2
66004100R	G1/2XW24x19	104	38	50	W24x19	G1/2
66004102B	G1/2XG3/4Ek	104	38	50	G3/4Ek	G1/2
66004102R	G1/2XG3/4Ek	104	38	50	G3/4Ek	G1/2

### RC 914

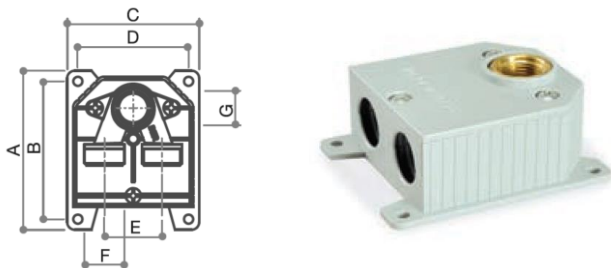
90° in-wall elbow fitting.



Code	Size	A	B	C	F	G
68549899	G1/2XW24x19	23	-	30	W24x19	G1/2
68549899N	G1/2XW24x19	23	-	30	W24x19	G1/2
68549901	G1/2XG3/4Ek	23	-	30	G3/4Ek	G1/2
68549901N	G1/2XG3/4Ek	23	-	30	G3/4Ek	G1/2

### GS 1993

Fitting with double connection, single-pipe system, in-wall housing.



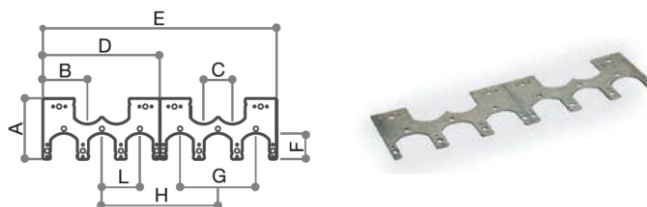
Code	Size	A	B	C	D	E
66002200	G1/2XW24x19	105	91	87	73	38
66002201	G1/2XG3/4Ek	105	91	87	73	38

Code	Size	F	G	H	L	M
66002200	G1/2XW24x19	W24x19	G1/2	-	-	-
66002201	G1/2XG3/4Ek	G3/4Ek	G1/2	-	-	-

### SS 1982

Double bracket which can divided into two single brackets for in-wall fittings.



Code	Size	A	B	C	D	E
66004000	-	80	58	38	154	308

Code	Size	F	G	H	L	M
66004000	-	34	100	153	50	-

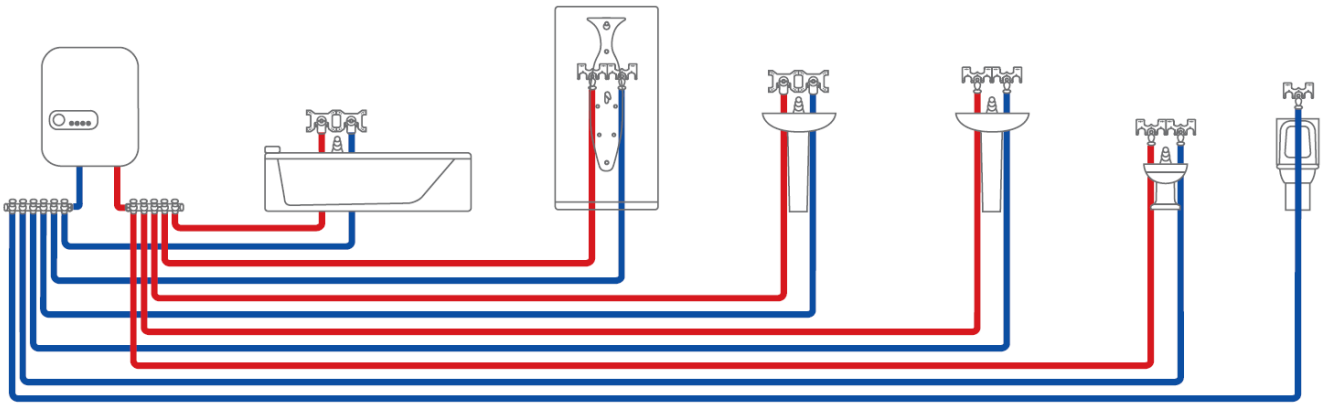
### M 528

Chrome-plated copper connection pipe with soft seal for in-wall distribution boxes.



Code	Size	A	B	C	F
67510015	G1/2 x (Ø15x140)	140	131	15	G1/2
11322100	G1/2 x (Ø15x175)	175	166	15	G1/2

## Operating instructions



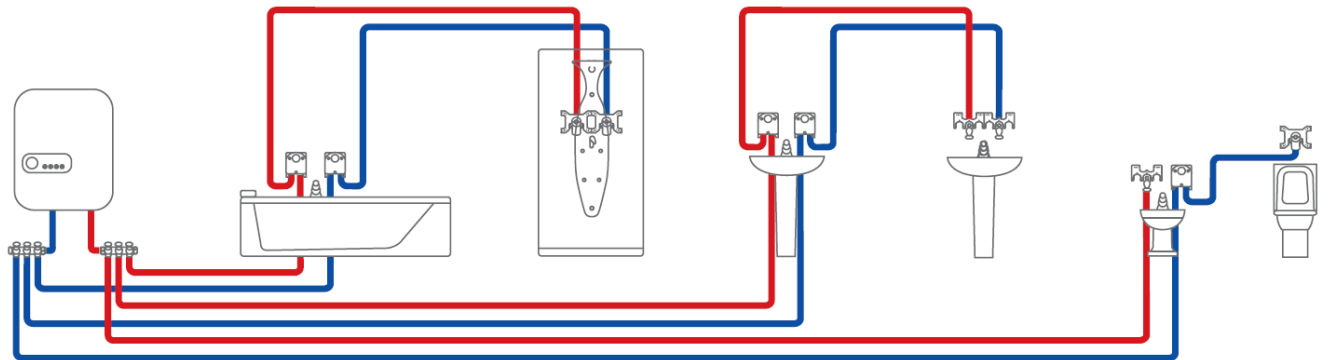
### Sanitary distribution system with one inlet for each user point

This is the most common type of system, each user point is directly connected to an outlet of the distribution manifold. The advantages of this kind of systems are:

- constant pressure for each user point;
- possibility to adjust the flow rate for each single user point;
- easy maintenance.

The disadvantages are:

- the high amount of pipe used;
- the big dimension of the distribution boxes.



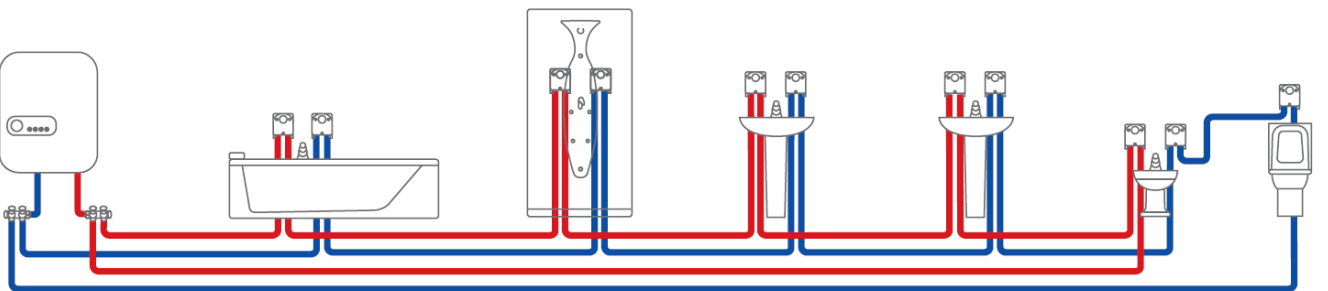
### Block sanitary distribution system

In this type of system, the user points are divided into groups. The advantages of this kind of systems are:

- low implementation costs,
- less space occupied by the pipes and the distribution box.

The disadvantages are:

- in case of simultaneous use, the flow is subdivided among the user points.



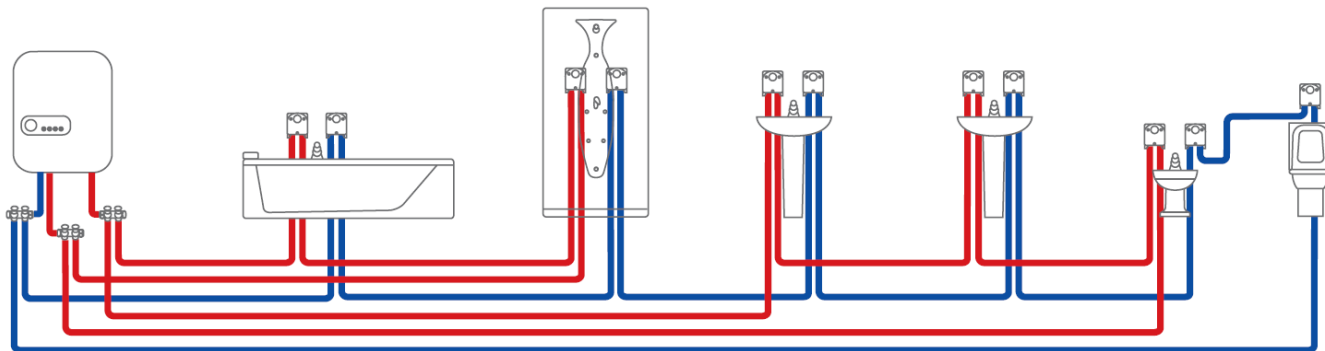
### Single-pipe sanitary distribution system

This is the simplest type of system. The advantages of this kind of systems are:

- ease of construction;
- minimum space occupied by the pipes and the distribution box;
- low implementation costs.

The disadvantages are:

- in case of simultaneous use, the flow is subdivided among the user points.



### Sanitary distribution system with comfort recirculation

This type of system creates an hot water recirculation. The advantages of this kind of systems are:

- maximum comfort, since the hot water is immediately available, no matter the distance from the boiler.

The disadvantages are:

- high implementation costs;
- use of insulated pipes to reduce the heat loss;
- creation of a specific recirculation circuit.

## Item Specifications

### GS 1995

90° in-wall elbow fitting made of yellow CW602N brass. Connection for plastic and multilayer pipe with W24x19 fil" thread or 3/4"M Eurokonus thread. G1/2 female connection with brass plug and soft O-ring sealing. Talc-filled polypropylene box, red or blue coloured. Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.

### RC 914

90° in-wall elbow fitting made of yellow CW602N brass. Connection for plastic and multilayer pipe with W24x19 fil" thread or 3/4"M Eurokonus thread. G1/2 female connection. Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.

### GS 1993

90° in-wall elbow fitting with double connection made of yellow CW602N brass. Connection for plastic and multilayer pipe with W24x19 fil" thread or 3/4"M Eurokonus thread. G1/2 female connection with brass plug and soft O-ring sealing. Talc-filled polypropylene box. Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.

### SS 1982

Double bracket which can divided into two single brackets for in-wall fittings: art.GS1995 interaxis 38-50-100-153 made of FeZ100 – EN101420-92 galvanised steel.

### M 528

Chrome-plated copper connection pipe with peroxide cured EPDM soft seal for in-wall distribution boxes. Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.



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