



Function

Simple modular manifolds stand out for the possibility to be practically and easily connected with each other. The peculiarity of these manifolds is that all inner surfaces are yellow (i.e. raw), so as to comply with Italian regulation D.M. 174/2004 on the transport of drinking water.

The available models feature 2 to 4 outlets with G 3/4 and G 1" main connections and W24x19" male, G3/4 Eurokonus, G1/2 male e G1/2 female secondary connections.

All the manifolds undergo a metal stress relieving treatment in order to eliminate any tension caused by working process.

Technical data

Max. working pressure:	10 bar
Max. differential pressure:	1 bar
Max. working temperature:	120 °C
Working fluids:	water in compliance with UNI 8065:2019

Materials

Body: CW 617 N – DW UNI-EN 12165:2016

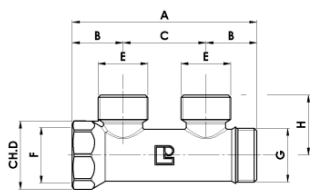
Surface treatment

Nickel-plating (only external)

Dimensional Drawings

CP 402

Manifolds with two W24x19 lateral male connections
Copper and plastic pipe W24x19

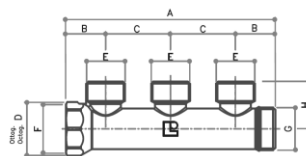


Code	Size	A	B	C	D
68522700	G 3/4 x (W24x19)	89	24.5	40	31
68523400	G 1" x (W24x19)	89	24.5	40	38

Code	Size	E	F	G	H
68522700	G 3/4 x (W24x19)	W24x19	G3/4	G3/4	29
68523400	G 1" x (W24x19)	W24x19	G1"	G1"	32.5

CP 403

Manifolds with three W24x19 lateral male connections
Copper and plastic pipe W24x19

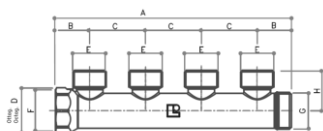


Code	Size	A	B	C	D
68532700	G 3/4 x (W24x19)	129	24.5	40	31
68533400	G 1" x (W24x19)	129	24.5	40	38

Code	Size	E	F	G	H
68532700	G 3/4 x (W24x19)	W24x19	G3/4	G3/4	29
68533400	G 1" x (W24x19)	W24x19	G1"	G1"	32.5

CP 404

Manifolds with four W24x19 lateral male connections
Copper and plastic pipe W24x19

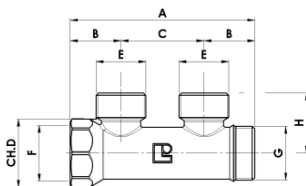


Code	Size	A	B	C	D
68542700	G 3/4 x (W24x19)	169	24.5	40	31
68543400	G 1" x (W24x19)	169	24.5	40	38

Code	Size	E	F	G	H
68542700	G 3/4 x (W24x19)	W24x19	G3/4	G3/4	29
68543400	G 1" x (W24x19)	W24x19	G1"	G1"	32.5

CP 412

Manifolds with two G3/4 Eurokonus lateral male connections
Copper and plastic pipe G3/4 Eurokonus

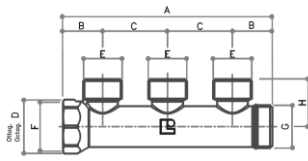


Code	Size	A	B	C	D
68522705	G 3/4 x G 3/4 Ek	89	24.5	40	31
68523405	G 1" x G 3/4 Ek	89	24.5	40	38

Code	Size	E	F	G	H
68522705	G 3/4 x G 3/4 Ek	G3/4Ek	G3/4	G3/4	29
68523405	G 1" x G 3/4 Ek	G3/4Ek	G1"	G1"	32.5

CP 413

Manifolds with three G3/4 Eurokonus lateral male connections
Copper and plastic pipe G3/4 Eurokonus

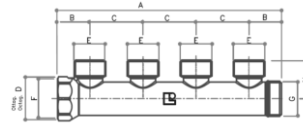


Code	Size	A	B	C	D
68532705	G 3/4 x G 3/4 Ek	129	24.5	40	31
68533405	G 1" x G 3/4 Ek	129	24.5	40	38

Code	Size	E	F	G	H
68532705	G 3/4 x G 3/4 Ek	G3/4Ek	G3/4	G3/4	29
68533405	G 1" x G 3/4 Ek	G3/4Ek	G1"	G1"	32.5

CP 414

Manifolds with four G3/4 Eurokonus lateral male connections
Copper and plastic pipe G3/4 Eurokonus

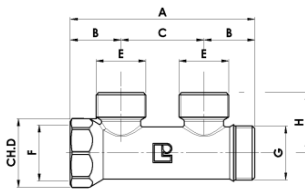


Code	Size	A	B	C	D
68542705	G 3/4 x G 3/4 Ek	169	24.5	40	31
68543405	G 1" x G 3/4 Ek	169	24.5	40	38

Code	Size	E	F	G	H
68542705	G 3/4 x G 3/4 Ek	G3/4Ek	G3/4	G3/4	29
68543405	G 1" x G 3/4 Ek	G3/4Ek	G1"	G1"	32.5

CP 422

Manifolds with two G1/2 lateral male connections
Copper and plastic pipe

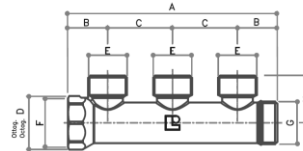


Code	Size	A	B	C	D
68522701	G 3/4 x G 1/2	89	24.5	40	31
68523401	G 1" x G 1/2	89	24.5	40	38

Code	Size	E	F	G	H
68522701	G 3/4 x G 1/2	G1/2	G3/4	G3/4	29
68523401	G 1" x G 1/2	G1/2	G1"	G1"	32.5

CP 423

Manifolds with three G1/2 lateral male connections
Copper and plastic pipe

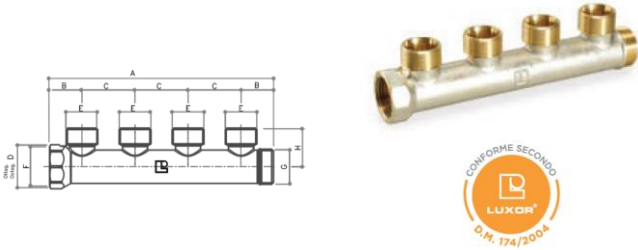


Code	Size	A	B	C	D
68532701	G 3/4 x G 1/2	129	24.5	40	31
68533401	G 1" x G 1/2	129	24.5	40	38

Code	Size	E	F	G	H
68532701	G 3/4 x G 1/2	G1/2	G3/4	G3/4	29
68533401	G 1" x G 1/2	G1/2	G1"	G1"	32.5

CP 424

Manifolds with four G1/2 lateral male connections
Copper and plastic pipe

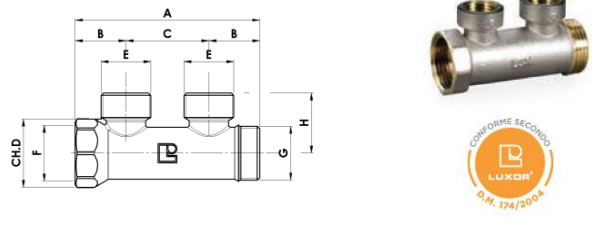


Code	Size	A	B	C	D
68542701	G 3/4 x G 1/2	169	24.5	40	31
68543401	G 1" x G 1/2	169	24.5	40	38

Code	Size	E	F	G	H
68542701	G 3/4 x G 1/2	G1/2	G3/4	G3/4	29
68543401	G 1" x G 1/2	G1/2	G1"	G1"	32.5

CP 442

Manifolds with two G1/2 lateral female connections
Copper and plastic pipe

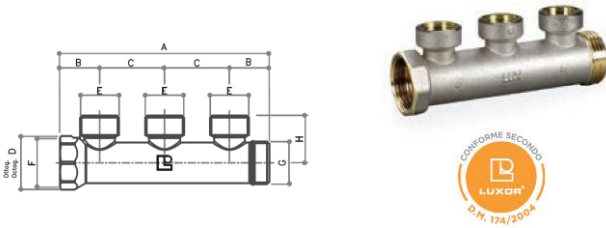


Code	Size	A	B	C	D
68522702	G 3/4 x G 1/2	89	24.5	40	31
68523402	G 1" x G 1/2	89	24.5	40	38

Code	Size	E	F	G	H
68522702	G 3/4 x G 1/2	G1/2	G3/4	G3/4	29
68523402	G 1" x G 1/2	G1/2	G1"	G1"	32.5

CP 443

Manifolds with three G1/2 lateral female connections
Copper and plastic pipe

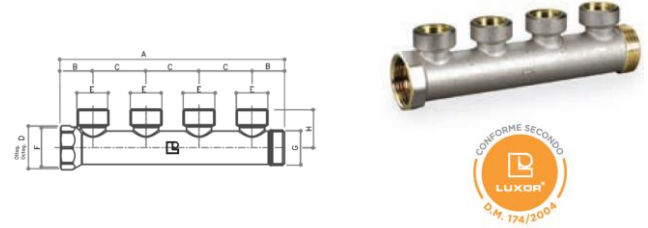


Code	Size	A	B	C	D
68532702	G 3/4 x G 1/2	129	24.5	40	31
68533402	G 1" x G 1/2	129	24.5	40	38

Code	Size	E	F	G	H
68532702	G 3/4 x G 1/2	G1/2	G3/4	G3/4	29
68533402	G 1" x G 1/2	G1/2	G1"	G1"	32.5

CP 444

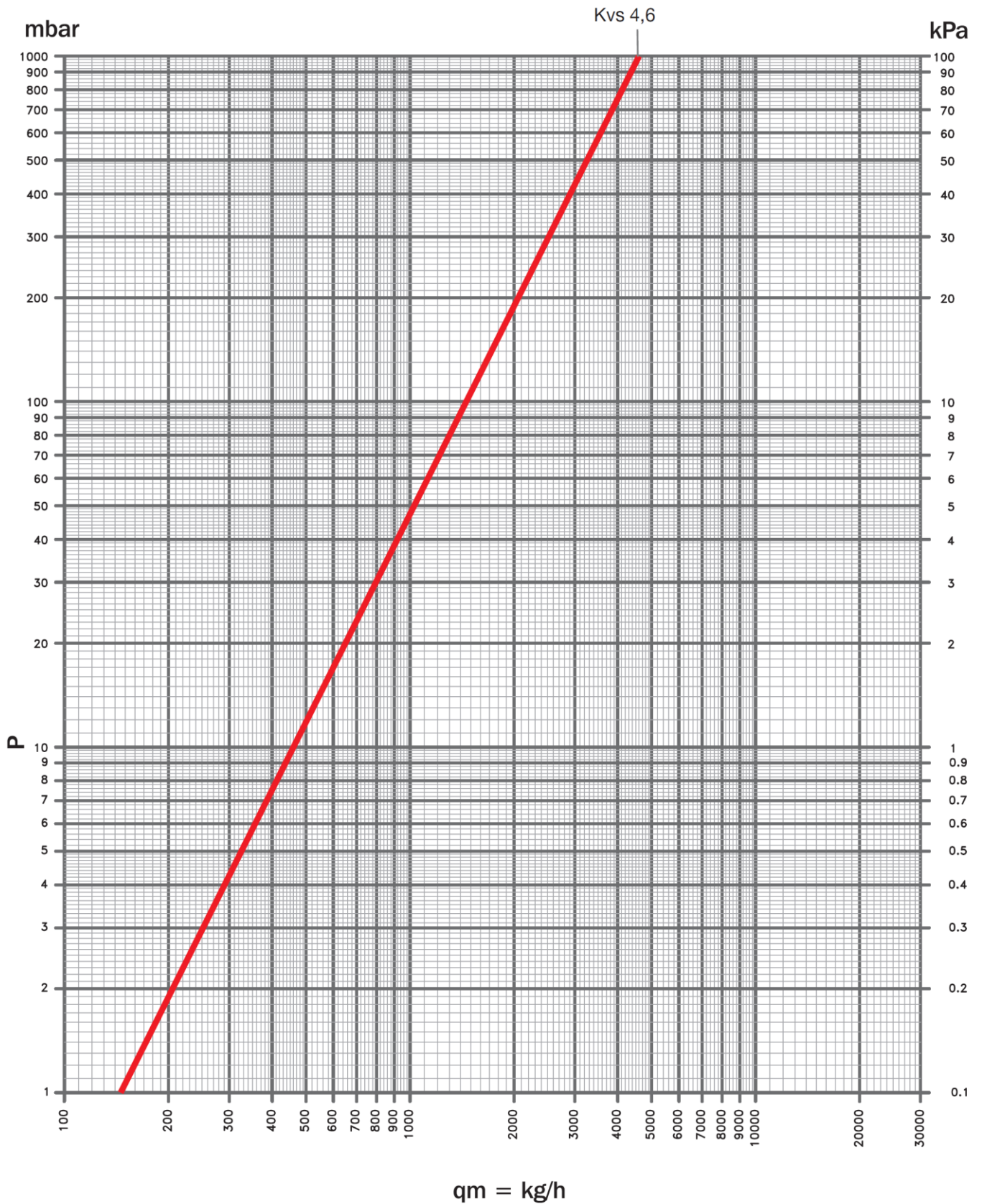
Manifolds with four G1/2 lateral female connections
Copper and plastic pipe



Code	Size	A	B	C	D
68542402	G 3/4 x G 1/2	169	24.5	40	31
68543402	G 1" x G 1/2	169	24.5	40	38

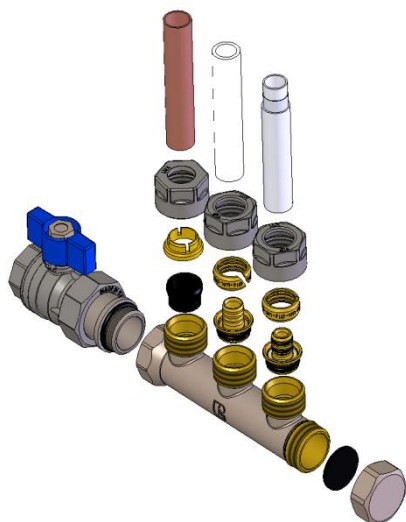
Code	Size	E	F	G	H
68542402	G 3/4 x G 1/2	G1/2	G3/4	G3/4	29
68543402	G 1" x G 1/2	G1/2	G1"	G1"	32.5

Hydraulic Characteristics



Curve	Kv	Items
1	4.60	CP 402 G3/4; CP 402 G1"; CP 403 G3/4; CP 403 G1"; CP 404 G3/4; CP 404 G1"; CP 412 G3/4; CP 412 G1"; CP 413 G3/4; CP 413 G1"; CP 414 G3/4; CP 414 G1"; CP 422 G3/4; CP 422 G1"; CP 423 G3/4; CP 423 G1"; CP 424 G3/4; CP 424 G1"; CP 442 G3/4; CP 442 G1"; CP 443 G3/4; CP 443 G1"; CP 444 G3/4; CP 444 G1".

Working Instructions



Plastic, copper and multilayer pipes can be connected to all the abovementioned manifolds by using the appropriate TP and TR compression fittings.

Item Specifications

CP 402 – CP 403 – CP 404

Simple modular manifold. Male/female ISO 228/1 G3/4" or G1" main connections. W24x19 secondary connections for copper, plastic and multilayer pipe. Secondary connections' interaxis 40 mm. Body in CW617N only externally nickel-plated in compliance with D.M. 174. Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.

CP 412 – CP 413 – CP 414

Simple modular manifold. Male/female ISO 228/1 G3/4" or G1" main connections. 3/4"M Eurokonus secondary connections for copper, plastic and multilayer pipe. Secondary connections' interaxis 40 mm. Body in CW617N only externally nickel-plated in compliance with D.M. 174. Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.

CP 422 – CP 423 – CP 424

Simple modular manifold. Male/female ISO 228/1 G3/4" or G1" main connections. 1/2"M secondary connections for copper, plastic and multilayer pipe. Secondary connections' interaxis 40 mm. Body in CW617N only externally nickel-plated in compliance with D.M. 174. Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.

CP 442 – CP 443 – CP 444

Simple modular manifold. Male/female ISO 228/1 G3/4" or G1" main connections. 1/2"F secondary connections for copper, plastic and multilayer pipe. Secondary connections' interaxis 40 mm. Body in CW617N only externally nickel-plated in compliance with D.M. 174. Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.



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