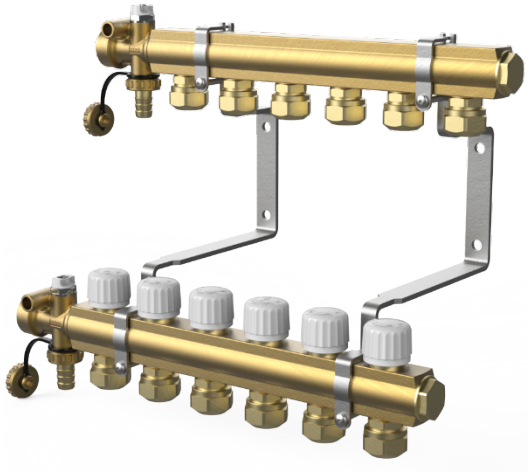


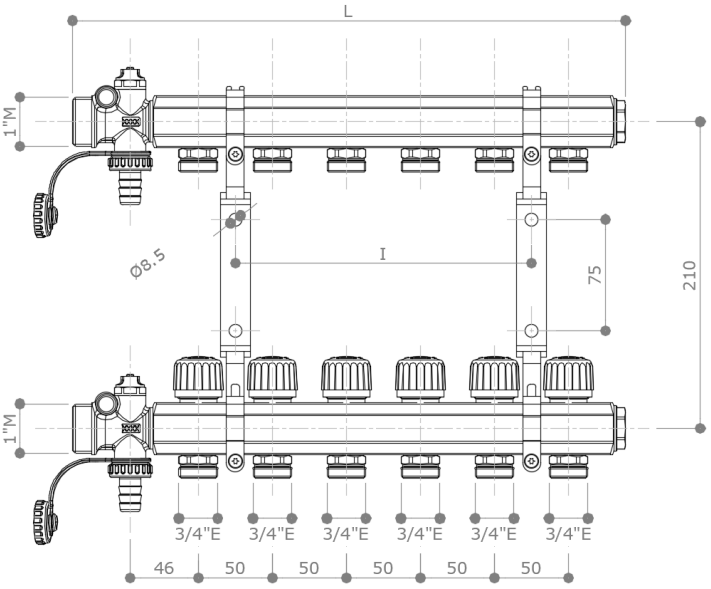
DESCRIPTION

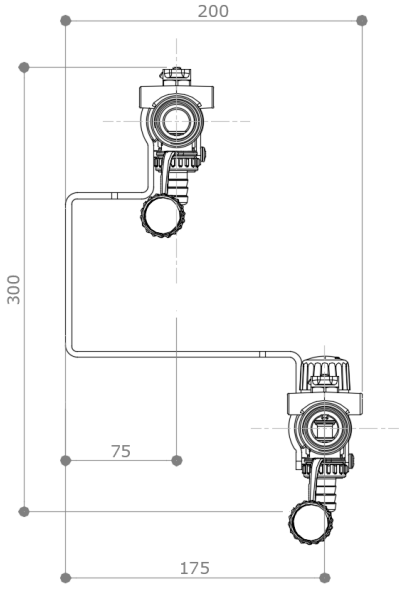
7025SYS

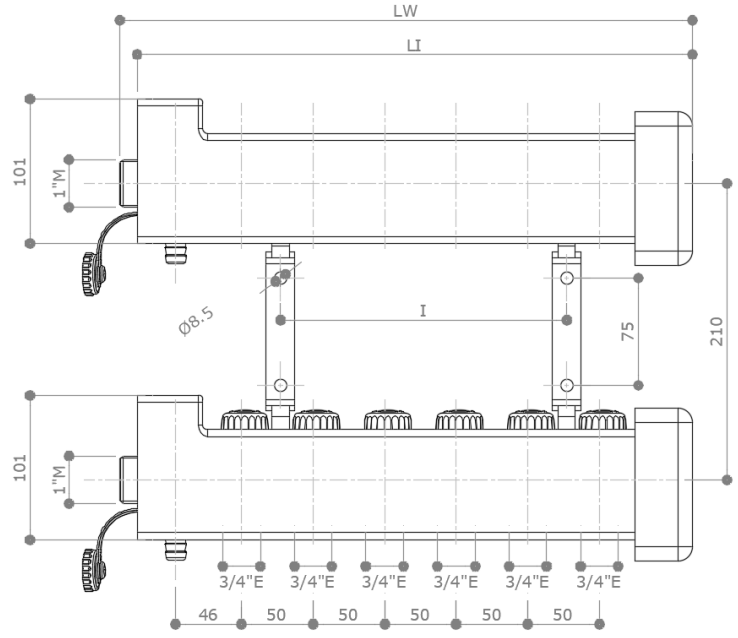
Brass manifold for underfloor heating systems and radiators systems. It is made by:

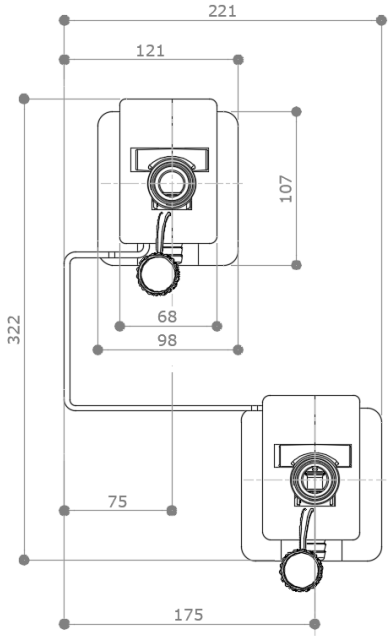
- Flow manifold
- Return manifold with thermostatic valves with presetting option
- Galvanized steel brackets
- Incl. PEX fittings 20/16.

DIMENSIONS









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D x d				1" x (¾" x 18)	
N° exit	L	LW	LI	I	Weight (kg)
2	174	200	188	0	2,26
3	224	250	238	50	3,08
4	274	300	288	100	3,90
5	324	350	338	150	4,58
6	374	400	388	200	5,25
7	424	450	438	250	5,99
8	484	500	488	250	6,78
9	534	560	548	250	6,92
10	584	610	598	250	8,23
11	634	660	648	250	8,75
12	684	710	698	250	9,83

PRESSURE DROP DIAGRAM

COMPONENTS

Manifolds	CW614N (UNI EN 12164) CuZn39Pb3
Brackets	Galvanized steel
Handwheels	ABS
O-ring	EPDM – NBR
Springs	Stainless steel
Stems	AISI 303
Stuffing-box	CW614N (UNI EN 12164) CuZn39Pb3
Headwork	CW614N (UNI EN 12164) CuZn39Pb3
Connections	CW614N (UNI EN 12164) CuZn39Pb3

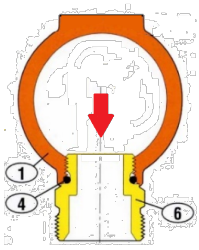
TECHNICAL SPECIFICATION

Max water temperature	90°C
Max pressure	10 bars
Max ambient temperature	50°C
Max differential pressure	0.8 bar

CONSTRUCTION DETAILS

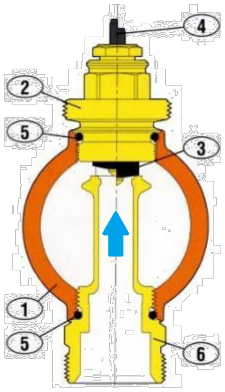
The return manifold is equipped with thermostatic headworks; by default, plastic handwheels control them. Also thermo-electric actuators can drive thermostatic valves.

Flow



1. Manifoldutter
4. O-Ring
6. Connection

Return



1. Manifold
2. Headwork
3. Shutter
4. Stem
5. O-Rings
6. Connection

APPLICATION FIELD

The distribution manifold Pettinaroli **7025SYS** is widely used for both underfloor heating and radiator systems installation.

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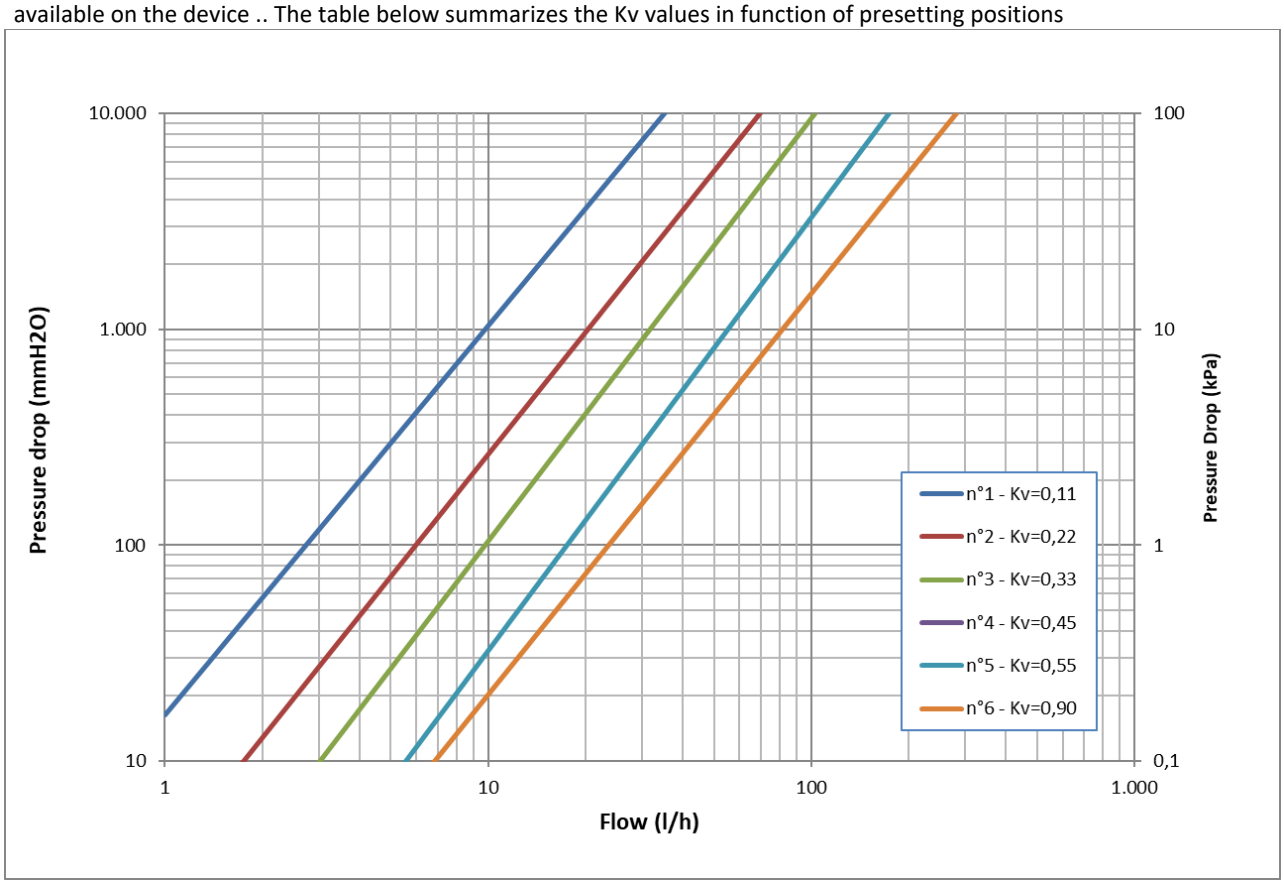
The thermostatic headworks placed on the return manifold can fit 230V actuator (for example **A204**) or 24V ones (for example **A404**). Those devices can manage the room temperature if room thermostats control them.

PRESSURE DROP DIAGRAM

The pressure drop diagram has been got keeping the thermostatic valves open but presetted in according with the presetting position available on the device .. The table below summarizes the Kv values in function of presetting positions



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