



DESCRIPTION

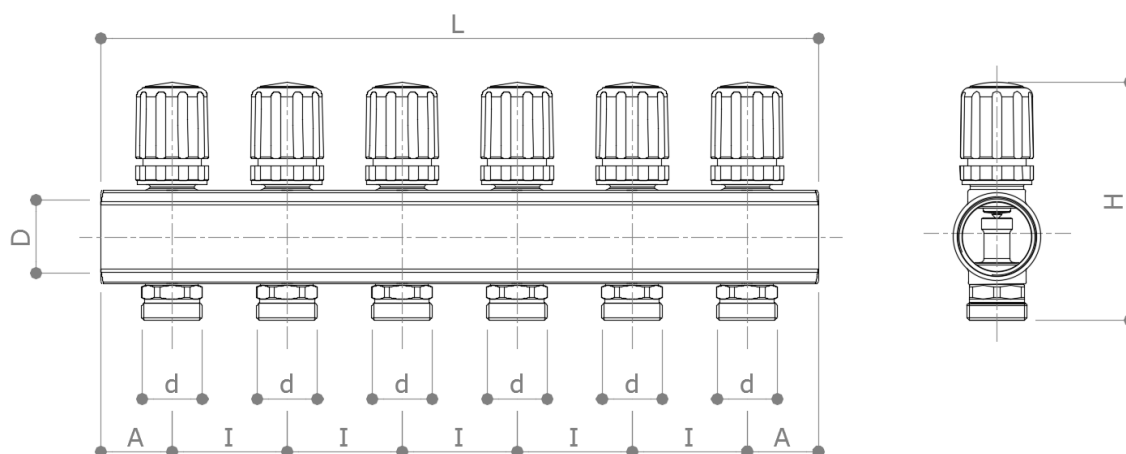
7035TEM

Pre-assembled brass manifold with control micrometric valves, with thermostatic option or electrical control.

Fittings are not included and they have to be purchased according to pipe types:

- Copper pipe: **3525** and **3625**;
- PEX pipe: **3015**;
- Multi-layer pipe: **3015SCR**.

DIMENSIONS



D x d	1" x (3/4" x 18)	
N° exit	L (mm)	Weight (kg)
2	112	1,65
3	162	2,59
4	212	3,26
5	262	3,90
6	312	4,56
7	362	5,22
8	412	5,88
9	462	6,59
10	512	7,25
11	562	7,91
12	612	8,54
H = 104 mm		
A = 31 mm		
I = 50 mm		
d = (3/4"x18mm)		

D x d	1 1/4" x (3/4" x 18)	
N° exit	L (mm)	Weight (kg)
2	117	1,65
3	167	2,59
4	217	3,26
5	267	3,90
6	317	4,56
7	367	5,22
8	417	5,88
9	467	6,59
10	517	7,25
11	567	7,91
12	617	8,54
H = 115 mm		
A = 33.5 mm		
I = 50 mm		
d = (3/4"x18mm)		

COMPONENTS

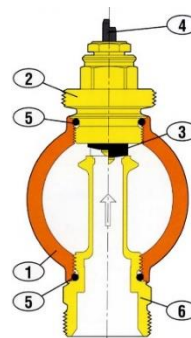
Manifold	CW614N (UNI EN 12164) CuZn39Pb3
Handwheels	ABS
O-ring	EPDM – NBR
Springs	Stainless steel
Stems	AISI 303
Stuffing-box	CW614N (UNI EN 12164) CuZn39Pb3
Headwork	CW614N (UNI EN 12164) CuZn39Pb3
Connections	CW614N (UNI EN 12164) CuZn39Pb3

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



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

APPLICATION FIELD

The distribution manifold Pettinaroli **7035TEM** is widely used for both underfloor heating and radiator systems installation.

The thermostatic headworks, placed on the manifold, can be equipped with 230 V thermo-electric actuators (for example **A542O2** or **A542O4**) or 24 V ones (for example **A544O2** or **A544O4**). Those devices can managed the room temperature if room thermostats control them.

PRESSURE DROP DIAGRAM

The pressure drop diagram beside has been got keeping the thermostatic valves completely open.

Opening	T.O.
Kv	1.8

T.O.: TOTAL OPEN

