

## TRADITIONAL COPLANAR MANIFOLDS WITH AND WITHOUT SHUT-OFF VALVES



Art. 3751



Art. 3754

### 1. DESCRIPTION

FAR coplanar manifolds are modular unit, which, thanks to attention given to the connection arrangements combined with the inherent features of the materials of construction, permit maximum versatility in use. They are available in two

versions: the traditional type without shut-off valves and another provided with them. With the latter version it is possible to open or close off flow of water to the connected terminals by means of a regulating handle located on each outlet.

### 2. TRADITIONAL MANIFOLDS

Chrome-plated coplanar manifolds are available in 3/4" and 1" with FAR 24x19 interchangeable sizes for copper, plastic and multilayer pipe, preassembled up to 10+10 outlets (10 delivery outlets and 10 return). It is possible to add one or more modules - depending on system requirements - by ordering 2+2 modular manifolds.



**Art. 3750**  
Chrome-plated modular coplanar manifold. Each manifold is complete with M8 screw and O-ring for connection.



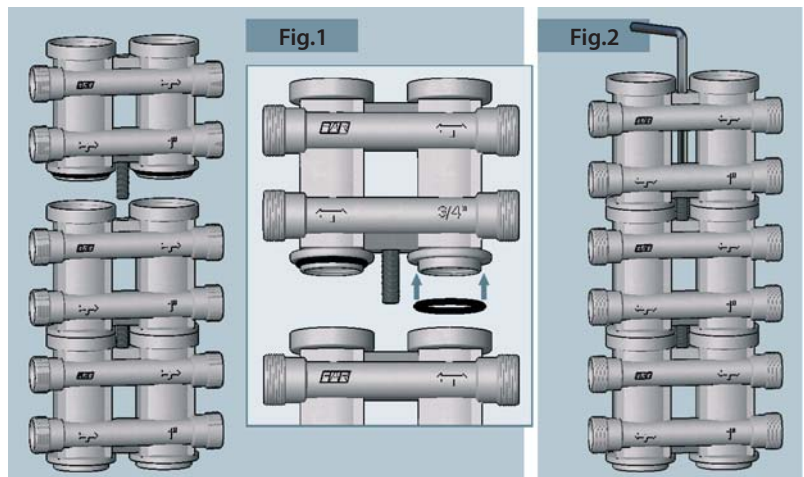
**Art. 3751**  
PRE-ASSEMBLED chrome-plated coplanar manifold.

### 2.1 INSTALLATION

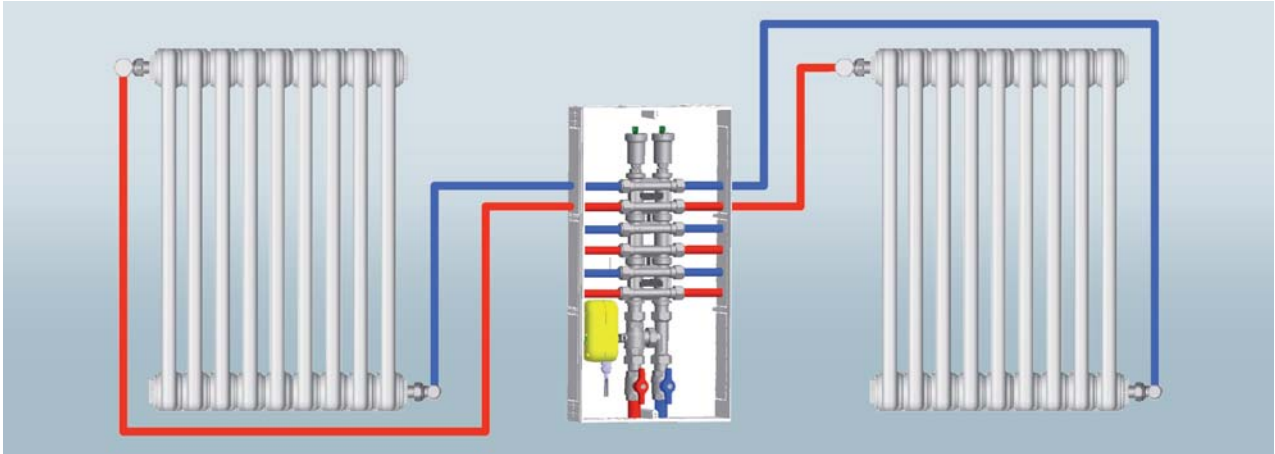
Coplanar manifolds are sold individually, or can be purchased pre-assembled with outlets starting from 4+4 up to 10+10 (No. delivery + No. return). To connect this type of manifold proceed as follows:

**Fig.1** Insert the screw in the hole located between the two outlets as shown in the illustration. Before assembling the manifold, be sure that sealing O-rings have been inserted.

**Fig.2** Place the manifold adjacent to another, or to those units already pre-assembled and insert the Allen key into the upper hole in such a way as to be able to operate the key easily. Now tighten.

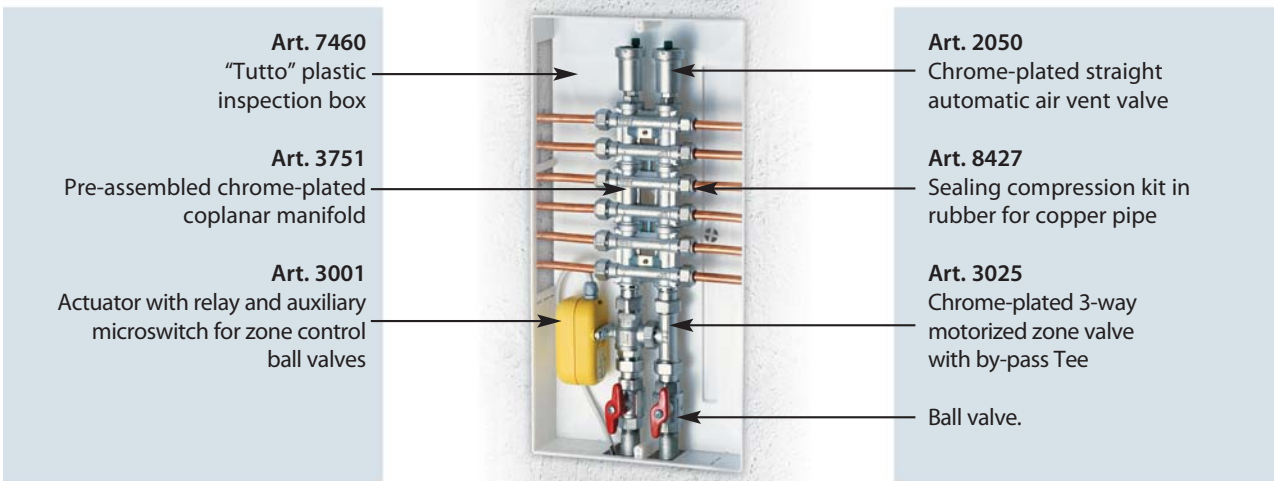


**2.2 INSTALLATION OVERVIEW**



FAR offers a wide range of boxes and supports for manifold installation, which make assembly easier. For more information see Data Sheet ST.06.02.00

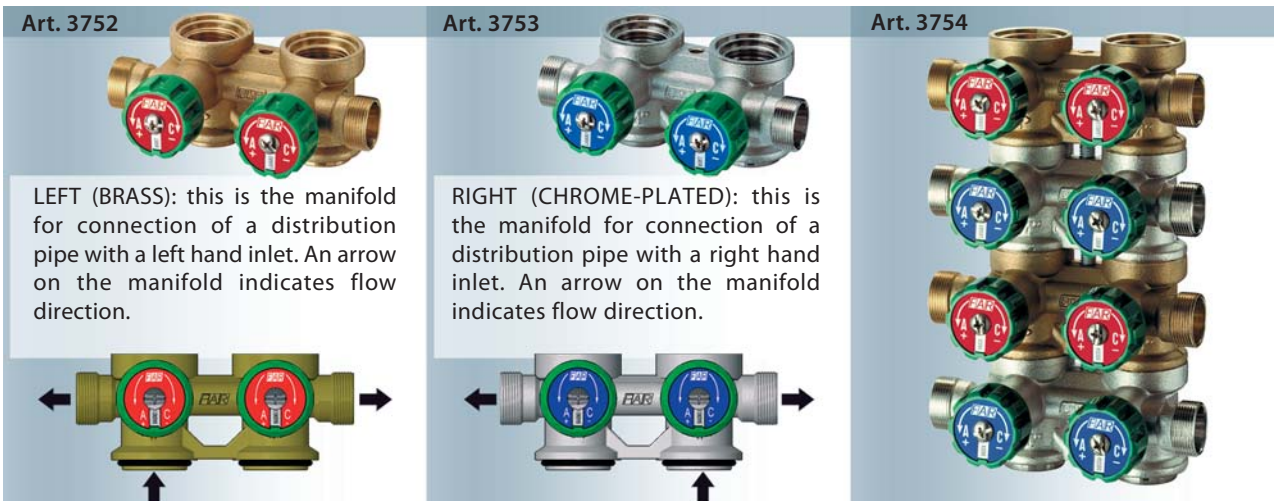
**Description of Components**



**3. COPLANAR MANIFOLDS WITH BUILT-IN SHUT-OFF VALVES**

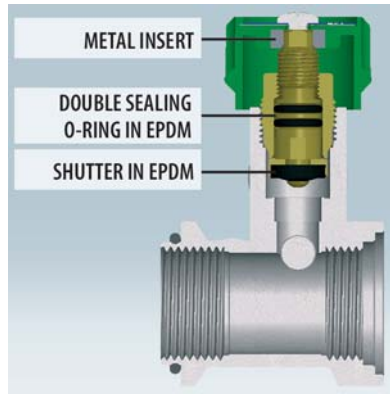
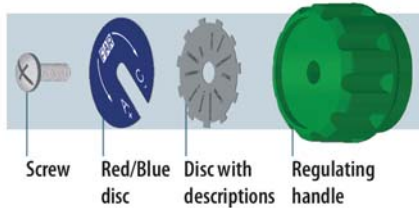
Coplanar manifolds with shut-off valves are suitable for installation in domestic services systems. Unlike traditional types, they have built-in valves on the outlets for the opening and closing of each connected terminal during installation, maintenance or replacement. They are available in two versions: Right (chrome-plated) and

Left (brass) available in single module or pre-assembled up to 12 outlets. Shut-off valves permit easy regulation of flow to each outlet, independent of the working of the remaining terminals.



## 3.1 CONSTRUCTION FEATURES

Using a printed disc it is possible to indicate the terminal to which each outlet is connected, so, in the event of replacement or repair, it is possible to know exactly to which domestic service it is connected.

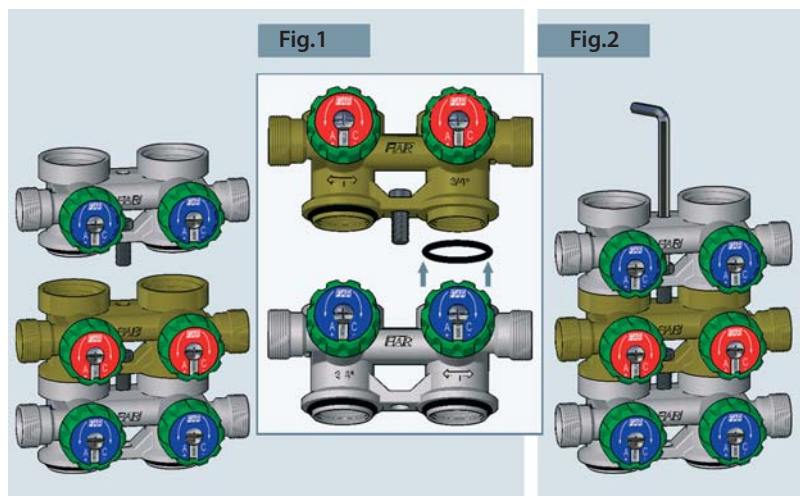


The type of construction employed permits the stem thread to work 'dry' thus avoiding the deposit of lime scale with resultant difficulties in opening and closing. Perfect sealing is ensured by two O-rings in EPDM resistant to high temperature. The shutter positioning against the direct action of the fluid medium can prevent improper operation, for example, where there are wide variations in pressure, or after long periods of disuse.

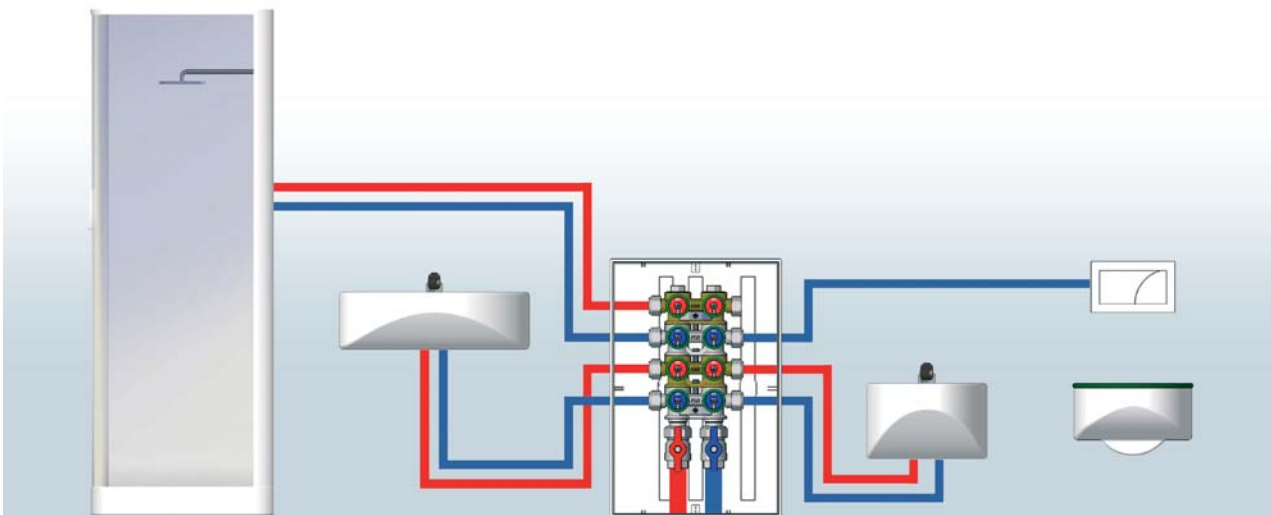
## 3.2 INSTALLATION

"TUTTO" inspection boxes are available in a range of sizes for manifold installation. Manifolds are sold separately, or pre-assembled in such a way as to make for easier installation and to increase the number of outlets, in the event of additional terminals being required. When connecting manifolds, proceed as follows:

**Fig. 1** Insert the screw in the hole located between the two outlets as shown in the illustration. Before assembling the manifold, be sure that sealing O-rings have been inserted.  
**Fig. 2** Place the manifold adjacent to another, or to those units already pre-assembled and insert the Allen key Art. 6250 into the upper hole in such a way as to be able to operate the key easily. Now tighten.



## 3.3 INSTALLATION OVERVIEW



## 4. TECHNICAL FEATURES

### Traditional manifolds

Material of manifold body:	CB753S brass
Max. working temperature:	95°C
Nominal pressure:	10 bar
Compatible media:	water

### Manifolds with shut-off valves

Material of manifold body:	CW617N brass
Max. working temperature:	95°C
Nominal pressure:	10 bar
Components material:	CW617N brass
Seal material:	O-ring in EPDM
Compatible media:	water



## 5. MANIFOLDS ACCESSORIES

**Art. 8850**  
Straight extension  
FROM: FAR interchangeable connection (24x19)  
TO: Ø18 copper pipe



**Art. 8850**  
Extension for FAR interchangeable connection (24x19) available in 30-35-40 mm



**Art. 8850**  
Straight extension  
FROM: FAR interchangeable connection (24x19)  
TO: Ø20-22 copper pipe



**Art. 8865**  
Reducer  
FROM: FAR interchangeable connection (24x19)  
TO: 1/2" or 3/4" male



**Art. 8870**  
Reducer  
FROM: FAR interchangeable connection (24x19)  
TO: 1/2" female thread

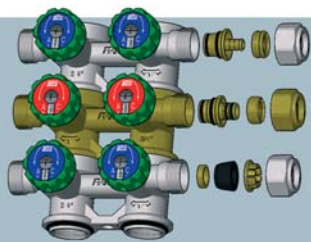


**Art. 4250**  
Plug for outlets with FAR interchangeable connection (24x19)



### Allacciamento alle tubazioni

Connection to pipeline allows connection to outlets with plastic and multilayer pipes up to Ø20 and copper pipes up to Ø 16.

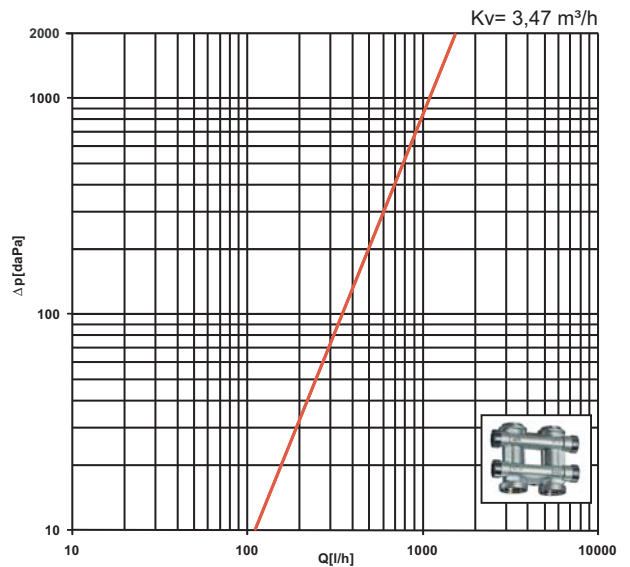
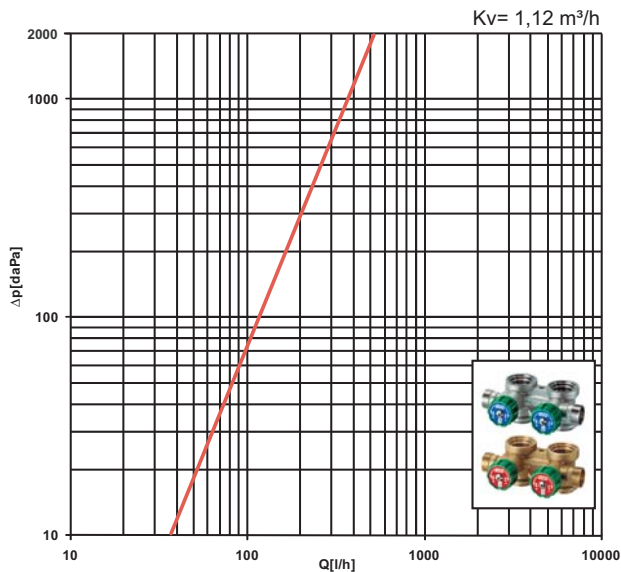


ADAPTER FOR PLASTIC PIPE, ART. 6051-6052

ADAPTER FOR MULTILAYER PIPE, ART. 6054-6055

SEALING KIT IN RUBBER FOR COPPER PIPE, ART. 8426-8427-8428-8429

## 6. FLUID DYNAMIC FEATURES



## 7. DIMENSIONAL FEATURES

CODE	OUT.	Ø1	A	B	C	D	E	F	G	H	I	Ø2
3752-3753 34	2	G3/4	36	55	36	21	-	49	19	30	37	24x19
3754 3404	4	G3/4	36	55	36	21	49	97	19	30	37	24x19
3754 3406	6	G3/4	36	55	36	21	49	146	19	30	37	24x19
3754 3408	8	G3/4	36	55	36	21	49	194	19	30	37	24x19
3754 3410	10	G3/4	36	55	36	21	49	243	19	30	37	24x19
3754 3412	12	G3/4	36	55	36	21	49	291	19	30	37	24x19

CODE	OUT.	Ø1	A	B	C	D	E	F	G	H	I	Ø2
3750 34	2+2	G3/4	32	55	32	84	49	15	20	40	24	24x19
3751 3404	4+4	G3/4	32	55	32	168	49	15	20	40	24	24x19
3751 3406	6+6	G3/4	32	55	32	252	49	15	20	40	24	24x19
3751 3408	8+8	G3/4	32	55	32	336	49	15	20	40	24	24x19
3751 3410	10+10	G3/4	32	55	32	420	49	15	20	40	24	24x19
3750 1	2+2	G1	35	55	35	84	53	15	20	40	24	24x19
3751 104	4+4	G1	35	55	35	168	53	15	20	40	24	24x19
3751 106	6+6	G1	35	55	35	252	53	15	20	40	24	24x19
3751 108	8+8	G1	35	55	35	336	53	15	20	40	24	24x19
3751 110	10+10	G1	35	55	35	420	53	15	20	40	24	24x19