



# Modular manifold EASY•LOCK

## ► CI 350 N - CI 390 N

*Modular manifold EASY•LOCK series (centre-to-centre distance 40 mm) with manually operated shut-off valves and 30° angled branches.*

### ■ PRESENTATION



The EASY•LOCK series manifolds can be connected together in a practical and simple way. Thanks to the thread phasing, EASY•LOCK manifolds are always aligned and the action of an o-ring ensures a perfect seal.

The use of sealing systems such as hemp or PTFE and the use of additional sealants is therefore prohibited on the end threads. The collectors are only nickel-plated on the outside, then yellow on the inside, which makes them suitable for drinking water transport.

The manifolds of the CI 350 N and CI 390 N lines are equipped with a shut-off knob for the single circuit and have the branches angled at 30° to the manifold. They can be selected with a cylindrical (CI 350 N) or octagonal (CI 390 N) profile.

### ■ PLUS

EASY•LOCK manifolds are designed for easy installation. They are easy to use thanks to their design details.

- O-ring for soft seal: no additional sealant required
- Automatic alignment by hand thanks to thread alignment: no clamping tool required
- Shut-off knobs straight or inclined by 30°.
- Knobs with new ergonomic design and integrated indicator
- Single reversible plate (hot/cold) with new easy-label technology for easy positioning

## ■ TECHNICAL DETAILS

Maximum operating pressure	10 bar
Maximum operating temperature	100 °C
Working fluid	Drinking water; water/glycol mixture 30 % max
Centre-to-centre distance	40 mm

## ■ MATERIALS

- Manifold body: brass CW617N
- Knobs: ABS
- O-ring: perox EPDM
- Red/blue plate and screen-printed indicator insert: aluminium
- Indicator languages: Italian and English

## ■ VARIANTS

EASY•LOCK manifolds are available with G 3/4" and 1" main connections and the following outlets:

- EUROK;
- 1/2" M;
- 1/2" M flat seal;
- M24 x 1.5;
- 3/4" M flat seal.

CI 350 N manifolds have a cylindrical profile, while CI 390 N manifolds have an octagonal profile.

Both models are equipped with shut-off knobs for each outlet. each plate is reversible, useful to signal hot or cold water flow, depending on the colour.



## ■ INSTALLATION INSTRUCTIONS



### Assembly of several EASY•LOCK

All manifolds of the EASY•LOCK series are characterised by the ease with which they can be connected to each other: the special processing of the head threads ensures that the outlets of two manifolds are aligned with each other.

**WARNING!** The male and female threads of EASY•LOCK collectors are suitable for soft sealing, i.e. by means of an o-ring. The removal of the o-ring from the male thread, the use of other types of seals such as hemp or PTFE and the use of additional sealants are prohibited.

**WARNING!** When plugs or shut-off valves are to be mounted on EASY•LOCK manifolds, the best solution is always to use IVAR material with the same sealing technology, i.e. soft sealing by means of o-rings. If it is necessary to make the connection with a threaded component that is not soft-sealed, the use of hemp is forbidden, but the use of Teflon tape or thread sealant (e.g. Loctite® 55) is permitted, always in an adequate and never excessive quantity, using a tool with a maximum tightening torque of between 15 and 20 Nm.

#### Branches connections

EASY•LOCK manifolds are available with EUROK, 1/2" M, 1/2" M flat-seal, M24 x 1.5 and 3/4" M flat seal outlet threads and the coupling between manifolds and piping must be made with fittings suitable for the type of piping and its dimensions.



#### Installation of identification plate

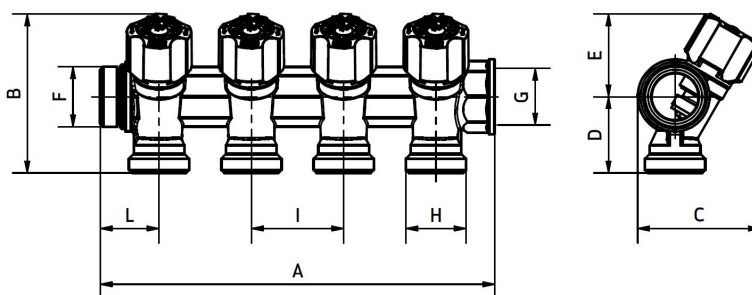
In models where this is possible, the indicator on the knob simultaneously identifies the water line distributed from the manifold and the connected supply terminal. To mount the indicators correctly, choose whether to leave the blue side or the red side of the plate visible. No screw removal is required for insertion, thanks to the interlocking positioning. The dispensing terminal icon is shown on the plate and the position indicator is integrated into the body of the knob.

#### Manifolds installation in wall box

The manifolds can be placed in the wall box article AC 852, available in different sizes, also with protection for plastering. The collectors can be fastened to the boxes by means of the kit article AC 853 consisting of support spacers and clamps.

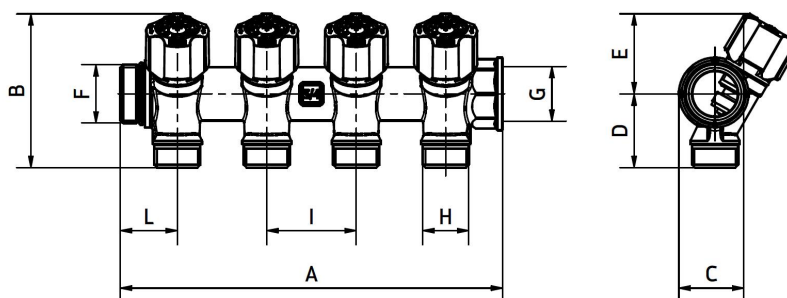
## DIMENSIONS

### CI 390 N



Art.	Cod.	A	B	C	D	E	F	G	H	I	L
CI 390N	507800N	91	69	53.5	33	36	G3/4	G3/4	EK	40	25.5
CI 390N	507801N	131	69	53.5	33	36	G3/4	G3/4	EK	40	25.5
CI 390N	507802N	171	69	53.5	33	36	G3/4	G3/4	EK	40	25.5
CI 390N	507830N	211	69	53.5	33	36	G3/4	G3/4	EK	40	25.5
CI 390N	507815N	92	73.5	58	35	38.5	G1	G1	EK	40	26.5
CI 390N	507816N	132	73.5	58	35	38.5	G1	G1	EK	40	26.5
CI 390N	507817N	172	73.5	58	35	38.5	G1	G1	EK	40	26.5
CI 390N	507362N	91	69	53.5	33	36	G3/4	G3/4	G3/4 TP	40	25.5
CI 390N	507363N	131	69	53.5	33	36	G3/4	G3/4	G3/4 TP	40	25.5
CI 390N	507364N	171	69	53.5	33	36	G3/4	G3/4	G3/4 TP	40	25.5
CI 390N	507365N	211	69	53.5	33	36	G3/4	G3/4	G3/4 TP	40	25.5

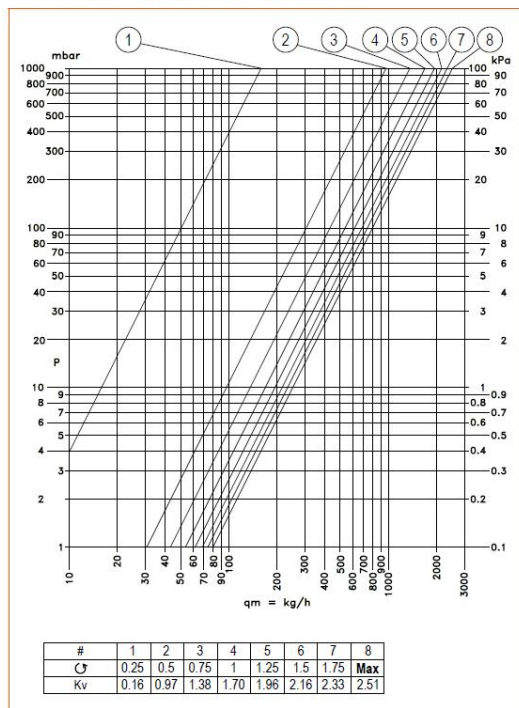
## CI 350 N



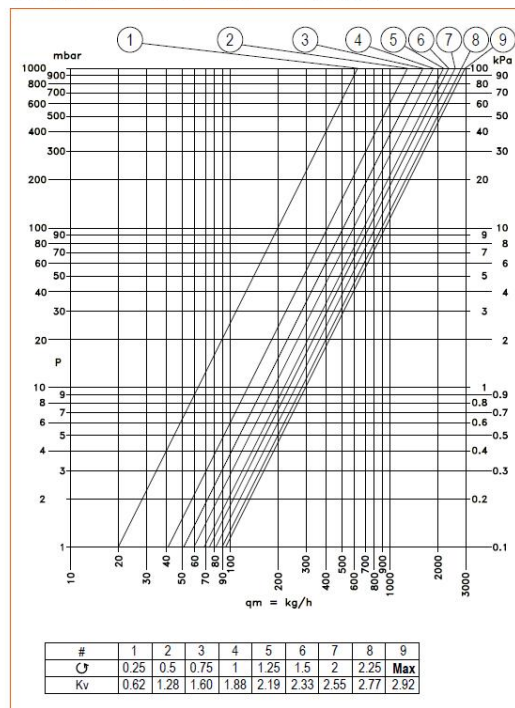
Cod.	A	B	C	D	E	F	G	H	I	L
506806N	91	69	53.5	33	36	G3/4	G3/4	1/2" M	40	25.5
506807N	131	69	53.5	33	36	G3/4	G3/4	1/2" M	40	25.5
506808N	171	69	53.5	33	36	G3/4	G3/4	1/2" M	40	25.5
506833N	211	69	53.5	33	36	G3/4	G3/4	1/2" M	40	25.5
506809N	91	69	53.5	33	36	G3/4	G3/4	1/2" M TP	40	25.5
506810N	131	69	53.5	33	36	G3/4	G3/4	1/2" M TP	40	25.5
506811N	171	69	53.5	33	36	G3/4	G3/4	1/2" M TP	40	25.5
506834N	211	69	53.5	33	36	G3/4	G3/4	1/2" M TP	40	25.5
506812N	91	69	53.5	33	36	G3/4	G3/4	M24x1.5	40	25.5
506813N	131	69	53.5	33	36	G3/4	G3/4	M24x1.5	40	25.5
506814N	171	69	53.5	33	36	G3/4	G3/4	M24x1.5	40	25.5
506832N	211	69	53.5	33	36	G3/4	G3/4	M24x1.5	40	25.5
506827N	92	73.5	58	35	38.5	1"	1"	M24x1.5	40	26.5
506828N	132	73.5	58	35	38.5	1"	1"	M24x1.5	40	26.5
506829N	172	73.5	58	35	38.5	1"	1"	M24x1.5	40	26.5

## ■ HYDRAULIC FEATURES

CI 390 N CI 350 N (G 3/4")



CI 390 N CI 350 N (G 1")



## ■ SPECIFICATION SUMMARY

**IVAR CI 390 N** : modular manifold with manual shut-off and fittings angled at 30°. Main fittings with offset soft-seal thread. White knobs including reversible plate (hot/cold) with indication of the supply terminal. Octagonal profile. Compatible fluids: water or glycol solution (maximum glycol percentage 30%). Maximum operating temperature: 100 °C. Maximum operating pressure: 10 bar. Body: CW617N brass (nickel-plated exterior). Thermostatic cartridge: CW617N brass. Seals and O-rings: Peroxide-cured EPDM. Knobs: ABS. Reversible plate: aluminium. Screen-printed indicator insert: aluminium. Centre distance: 40 mm. Main connections: 3/4" M x 3/4" F and 1". Branches: EUROK and 3/4" M flat seal. Number of ways: 2-3-4-5. Compatible for use in domestic water distribution systems pursuant to Italian Ministerial Decree 174 of 6 April 2004.

**IVAR CI 350 N** : modular manifold with manual shut-off and fittings angled at 30°. Main fittings with offset soft-seal thread. White knobs including reversible plate (hot/cold) with indication of the supply terminal. Cylindric profile. Compatible fluids: water or glycol solution (maximum glycol percentage 30%). Maximum operating temperature: 100 °C. Maximum operating pressure: 10 bar. Body: CW617N brass (nickel-plated exterior). Thermostatic cartridge: CW617N brass. Seals and O-rings: Peroxide-cured EPDM. Knobs: ABS. Reversible plate: aluminium. Screen-printed indicator insert: aluminium. Centre distance: 40 mm. Main connections: 3/4" M x 3/4" F and 1". Branches: 1/2" M, ISO 228-1 compliant, 1/2" M with soft seal, M24 x 1.5. Number of ways: 2-3-4-5. Compatible for use in domestic water distribution systems pursuant to Italian Ministerial Decree 174 of 6 April 2004.

## ■ PRODUCT CODES

### CI 350 N

506806N	IVAR modular manifold EASY•LOCK, connections G 3/4" x 1/2" M. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	2 ways
506807N	IVAR modular manifold EASY•LOCK, connections G 3/4" x 1/2" M. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	3 ways
506808N	IVAR modular manifold EASY•LOCK, connections G 3/4" x 1/2" M. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	4 ways
506833N	IVAR modular manifold EASY•LOCK, connections G 3/4" x 1/2" M. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	5 ways
506809N	IVAR modular manifold EASY•LOCK, connections G 3/4" x 1/2" M with soft seal. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	2 ways
506810N	IVAR modular manifold EASY•LOCK, connections G 3/4" x 1/2" M with soft seal. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	3 ways
506811N	IVAR modular manifold EASY•LOCK, connections G 3/4" x 1/2" M with soft seal. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	4 ways
506834N	IVAR modular manifold EASY•LOCK, connections G 3/4" x 1/2" M with soft seal. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	5 ways
506812N	IVAR modular manifold EASY•LOCK, connections 3/4" x M24 x 1.5. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	2 ways
506813N	IVAR modular manifold EASY•LOCK, connections G 3/4" x M24 x 1.5. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	3 ways
506814N	IVAR modular manifold EASY•LOCK, connections G 3/4" x M24 x 1.5. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	4 ways
506832N	IVAR modular manifold EASY•LOCK, connections G 3/4" x M24 x 1.5. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	5 ways
506827N	IVAR modular manifold EASY•LOCK, connections G 1" x M24 x 1.5. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	2 ways
506828N	IVAR manifold EASY•LOCK, connections G 1" x M24 x 1.5. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	3 ways
506829N	IVAR manifold EASY•LOCK, connections G 1" x M24 x 1.5. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	4 ways

### CI 390 N

507800N	IVAR manifold EASY•LOCK, connections G 3/4" x EUROK. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	2 ways
507801N	IVAR manifold EASY•LOCK, connections G 3/4" x EUROK. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	3 ways
507802N	IVAR manifold EASY•LOCK, connections G 3/4" x EUROK. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	4 ways

<b>507830N</b>	IVAR manifold EASY•LOCK, connections G 3/4" x EUROK. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	5 ways
<b>507815N</b>	IVAR manifold EASY•LOCK, connections G 1" x EUROK. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	2 ways
<b>507816N</b>	IVAR manifold EASY•LOCK, connections G 1" x EUROK. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	3 ways
<b>507817N</b>	IVAR manifold EASY•LOCK, connections G 1" x M24 x 1.5. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	4 ways
<b>507362N</b>	IVAR manifold EASY•LOCK, connections G 3/4" x 3/4" M flat seal. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	2 ways
<b>507363N</b>	IVAR manifold EASY•LOCK, connections G 3/4" x 3/4" M flat seal. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	3 ways
<b>507364N</b>	IVAR manifold EASY•LOCK, connections G 3/4" x 3/4" M flat seal. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	4 ways
<b>507365N</b>	IVAR manifold EASY•LOCK, connections G 3/4" x 3/4" M flat seal. OC distance 40 mm. Derivations angled by 30°. White knob with indicator.	5 ways

#### IVAR S.p.A.

Via IV Novembre, 181  
25080 Prevalle (BS), Italy  
T. +39 030 68028 – F. +39 030 68 01 329  
info@ivar-group.com – www.ivar-group.com

*IVAR S.p.A. reserves the right to make improvements and changes to the products and related documentation at any time and without notice. All rights reserved. Reproduction in whole or in part is prohibited without the prior consent of the copyright owner.*