



Modular manifold EASY•LOCK

► CI 490 N - CI 490 NW - CI 490 NB - CI 490 NR

Modular manifold series EASY•LOCK (centre distance 40 mm) straight with octagonal profile and manually operated shut-off valves

■ 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 sealing.

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 490 N, CI 490 NW, CI 490 NB and CI 490 NR lines are equipped with a shut-off knob for the single circuit and have an octagonal 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 EUROK outlets.

The EASY•LOCK manifolds of the CI 490 line are divided into four categories:

- CI 490 N;
- CI 490 NW;
- CI 490 NB;
- CI 490 NR.

All four are equipped with shut-off knobs for each branch. The CI 490 NW line has a smooth knob, without a plaque identifying the terminal to be served, while the CI 490 N line has a reversible plaque, which is also useful to indicate the flow of hot or cold water, depending on the colour.

The CI 490 NB and CI 490 NR manifolds, on the other hand, are designed specifically for the distribution of hot and cold water and therefore have blue or red knobs, respectively, without a plaque.



■ 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 series CI 490 N - CI 490 NW - CI 490 NB - CI 490 NR are available with EUROT outlet threads and the coupling between the manifolds and the pipes must be carried out with fittings suitable for the type of pipe and its dimensions.



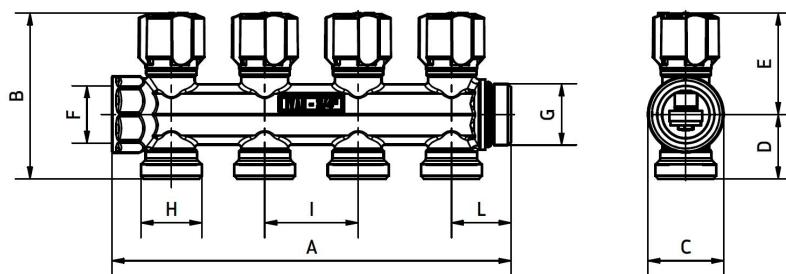
Installation of identification plate

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.

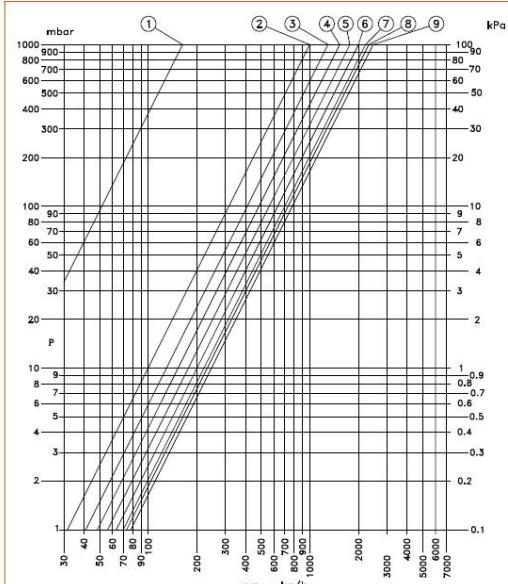
■ DIMENSIONS



Cod.	A	B	C	D	E	F	G	H	I	L
507300N	91	71	32.5	27.5	43.5	G3/4	G3/4	EK	40	25.5
507301N	131	71	32.5	27.5	43.5	G3/4	G3/4	EK	40	25.5
507302N	171	71	32.5	27.5	43.5	G3/4	G3/4	EK	40	25.5
507320N	92	76.5	39	30.5	46	G1	G1	EK	40	26.5
507321N	132	76.5	39	30.5	46	G1	G1	EK	40	26.5
507322N	172	76.5	39	30.5	46	G1	G1	EK	40	26.5
507300NB	91	71	32.5	27.5	43.5	G3/4	G3/4	EK	40	25.5
507301NB	131	71	32.5	27.5	43.5	G3/4	G3/4	EK	40	25.5
507302NB	171	71	32.5	27.5	43.5	G3/4	G3/4	EK	40	25.5
507320NB	92	76.5	39	30.5	46	G1	G1	EK	40	26.5
507321NB	132	76.5	39	30.5	46	G1	G1	EK	40	26.5
507322NB	172	76.5	39	30.5	46	G1	G1	EK	40	26.5
507300NR	91	71	32.5	27.5	43.5	G3/4	G3/4	EK	40	25.5
507301NR	131	71	32.5	27.5	43.5	G3/4	G3/4	EK	40	25.5
507302NR	171	71	32.5	27.5	43.5	G3/4	G3/4	EK	40	25.5
507320NR	92	76.5	39	30.5	46	G1	G1	EK	40	26.5
507321NR	132	76.5	39	30.5	46	G1	G1	EK	40	26.5
507322NR	172	76.5	39	30.5	46	G1	G1	EK	40	26.5
507300NW	91	71	32.5	27.5	43.5	G3/4	G3/4	EK	40	25.5
507301NW	131	71	32.5	27.5	43.5	G3/4	G3/4	EK	40	25.5
507302NW	171	71	32.5	27.5	43.5	G3/4	G3/4	EK	40	25.5
507320NW	92	76.5	39	30.5	46	G1	G1	EK	40	26.5
507321NW	132	76.5	39	30.5	46	G1	G1	EK	40	26.5
507322NW	172	76.5	39	30.5	46	G1	G1	EK	40	26.5

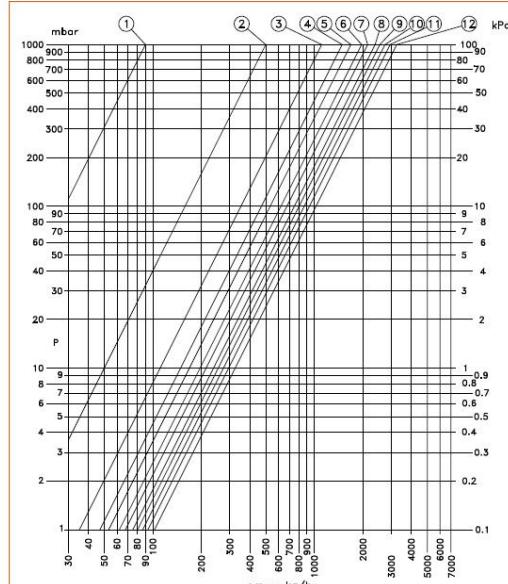
■ HYDRAULIC FEATURES

CI 490 (G 3/4")



#	1	2	3	4	5	6	7	8	9	Max
C _v	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.50	2.75

CI 490 (G 1")



#	1	2	3	4	5	6	7	8	9	10	11	12
C _v	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.50	2.75	3	Max

■ SPECIFICATION SUMMARY

IVAR CI 490 NW : EASY-LOCK sanitary manifold with octagonal profile with shut-off valves and knobs parallel to the branches. Main connections with soft-seal phased thread, G 3/4" male-female or G 1". Outlets G 3/4" EK. Centre distance 40 mm. Brass body CW 617 N nickel-plated on the outside. O-ring in peroxide EPDM. Maximum working temperature: 100 °C. Maximum working pressure: 10 bar. Knobs in white ABS. Available with 2, 3 or 4 derivations.

IVAR CI 490 N : EASY-LOCK sanitary manifold with octagonal profile with shut-off valves and knobs parallel to the branches. Main connections with soft-seal phased thread, G 3/4" male-female or G 1". Outlets G 3/4" EK. Centre distance 40 mm. Brass body CW 617 N nickel-plated on the outside. O-ring in peroxide EPDM. Maximum working temperature: 100 °C. Maximum working pressure: 10 bar. Knobs in white ABS with hot/cold indicator and indicator of the element served by the single branch. Available with 2, 3 or 4 derivations.

IVAR CI 490 NB : EASY-LOCK sanitary manifold with octagonal profile with shut-off valves and knobs parallel to the branches. Main connections with soft-seal phased thread, G 3/4" male-female or G 1". Outlets G 3/4" EK. Centre distance 40 mm. Brass body CW 617 N nickel-plated on the outside. O-ring in peroxide EPDM. Maximum working temperature: 100 °C. Maximum working pressure: 10 bar. Blue ABS knobs. Available with 2, 3 or 4 derivations.

IVAR CI 490 NR : EASY-LOCK sanitary manifold with octagonal profile with shut-off valves and knobs parallel to the branches. Main connections with soft-seal phased thread, G 3/4" male-female or G 1". Outlets G 3/4" EK. Centre distance 40 mm. Brass body CW 617 N nickel-plated on the outside. O-ring in peroxide EPDM. Maximum working temperature: 100 °C. Maximum working pressure: 10 bar. Red ABS knobs. Available with 2, 3 or 4 derivations.

■ PRODUCT CODES

CI 490 NW

507300NW	IVAR manifold EASY-LOCK, connections G 3/4" x EUROK. OC distance 40 mm. Straight connections. White knobs without indicator.	2 ways
507301NW	IVAR manifold EASY-LOCK, connections G 3/4" x EUROK. OC distance 40 mm. Straight connections. White knobs without indicator.	3 ways
507302NW	IVAR manifold EASY-LOCK, connections G 3/4" x EUROK. OC distance 40 mm. Straight connections. White knobs without indicator.	4 ways
507320NW	IVAR manifold EASY-LOCK, connections G 1" x EUROK. OC distance 40 mm. Straight connections. White knobs without indicator.	2 ways
507321NW	IVAR manifold EASY-LOCK, connections G 1" x EUROK. OC distance 40 mm. Straight connections. White knobs without indicator.	3 ways
507322NW	IVAR manifold EASY-LOCK, connections G 1" x EUROK. OC distance 40 mm. Straight connections. White knobs without indicator.	4 ways

CI 490 N

507300N	IVAR manifold EASY-LOCK, connections G 3/4" x EUROK. OC distance 40 mm. Straight connections. White knobs with indicator.	2 ways
507301N	IVAR manifold EASY-LOCK, connections G 3/4" x EUROK. OC distance 40 mm. Straight connections. White knobs with indicator.	3 ways
507302N	IVAR manifold EASY-LOCK, connections G 3/4" x EUROK. OC distance 40 mm. Straight connections. White knobs with indicator.	4 ways
507320N	IVAR manifold EASY-LOCK, connections G 1" x EUROK. OC distance 40 mm. Straight connections. White knobs with indicator.	2 ways
507321N	IVAR manifold EASY-LOCK, connections G 1" x EUROK. OC distance 40 mm. Straight connections. White knobs with indicator.	3 ways
507322N	IVAR manifold EASY-LOCK, connections G 1" x EUROK. OC distance 40 mm. Straight connections. White knobs with indicator.	4 ways

CI 490 NB

507300NB	IVAR manifold EASY-LOCK, connections G 3/4" x EUROK. OC distance 40 mm. Straight connections. Blue knobs without indicator.	2 ways
507301NB	IVAR manifold EASY-LOCK, connections G 3/4" x EUROK. OC distance 40 mm. Straight connections. Blue knobs without indicator.	3 ways
507302NB	IVAR manifold EASY-LOCK, connections G 3/4" x EUROK. OC distance 40 mm. Straight connections. Blue knobs without indicator.	4 ways
507320NB	IVAR manifold EASY-LOCK, connections G 1" x EUROK. OC distance 40 mm. Straight connections. Blue knobs without indicator.	2 ways

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507321NB	IVAR manifold EASY-LOCK, connections G 1" x EUROK. OC distance 40 mm. Straight connections. Blue knobs without indicator.	3 ways
507322NB	IVAR manifold EASY-LOCK, connections G 1" x EUROK. OC distance 40 mm. Straight connections. Blue knobs without indicator.	4 ways

CI 490 NR

507300NR	IVAR manifold EASY-LOCK, connections G 3/4" x EUROK. OC distance 40 mm. Straight connections. Red knobs without indicator.	2 ways
507301NR	IVAR manifold EASY-LOCK, connections G 3/4" x EUROK. OC distance 40 mm. Straight connections. Red knobs without indicator.	3 ways
507302NR	IVAR manifold EASY-LOCK, connections G 3/4" x EUROK. OC distance 40 mm. Straight connections. Red knobs without indicator.	4 ways
507320NR	IVAR manifold EASY-LOCK, connections G 1" x EUROK. OC distance 40 mm. Straight connections. Red knobs without indicator.	2 ways
507321NR	IVAR manifold EASY-LOCK, connections G 1" x EUROK. OC distance 40 mm. Straight connections. Red knobs without indicator.	3 ways
507322NR	IVAR manifold EASY-LOCK, connections G 1" x EUROK. OC distance 40 mm. Straight connections. Red knobs without indicator.	4 ways

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