

INSTRUCTIONS FOR THE CORRECT INSTALLATION OF GLOBAL RADIATORS

- Radiators which have been produced by GLOBAL are approved by the European legislation EN 442 and are identifiable by the NF 73/047 mark issued by AFNOR.
- GLOBAL radiators can be used in all hot water or vapour heating installations up to 110° C.
- Working pressure up to 1600 K Pascal (16 bar) for all models except for the models *Gl 350/80/D*, *Gl 200/80/D*, *Ekos* and *Ekos Plus* with working pressure up to 600 K Pascal (6 bar).
- They can be installed in installations comprising iron, copper or thermoplastic pipes.
- The highest thermal output can be obtained by mounting the radiators observing the following minimum distances:
 - a) from the floor or the shelf: 10 cm
 - b) from the wall: 3 cm
- In order to avoid problems due to deposit and corrosion in the heating system UNI-CTI 8065 standard recommend that the water is checked and treated. It is advisable to use an inhibitive additive Cillit - HS 23 Combi or similar in a quantity equal to 1 litre to every 200 litres of circulating water or according to the manufacturer's instructions.
- To be sure that Cillit - HS Combi has a protective action, the circulating water velocity must not exceed 2 metres every second.
- It is recommended that the heating system water pH is checked (preferably between 6.5 and 8).
- The use of corrosive water (corrosive towards metals which form the heating installation) are forbidden and their use involves the loss of guarantee rights.
- To avoid the stagnation of corrosive gases the installation of floating automatic or manual air vent valves on each radiator is recommended.
- Must be avoided to completely close the flow and return valves of the radiators to allow the possible gases that are formed to vent through the automatic vent valve mandatory in every heating system, thus avoiding overpressures that could damage the radiators.
- If it is necessary to exclude one or more blocks of radiators from the system it is recommended to install an automatic air vent valve on each block.
- To avoid noise caused by thermal expansion the use of plastic sleeves on the brackets is recommended (art. 25, 27 or 29 in our catalogue).
- To avoid weeping from joints, between sections, nipples, gaskets and bushes, it is advisable not to use abrasive products or file the joining surfaces. The assembling of two or more radiators requires the use of original nipples and gaskets (art. 9 and 8 in our catalogue).
- The optimal torque value in assembling two radiators is 150/160 Nm and for bushes and reductions is 60/70 Nm.
- To avoid problems with the finished paint surface it is advisable not to store or install radiators in an environment of high humidity or excessive dampness or in contact with chemicals vapors such as chlorine or ammonia. The smallest imperfection when exposed to damp could cause the formation of aluminium oxide and destroy the paint finish and may invalidate the warranty.
- The use of abrasive materials when cleaning radiators is not recommended because they can make the paint peel off.

MORE DETAILS FOR THE CORRECT INSTALLATION OF OSCAR, EKOS PLUS AND JUNIOR RADIATORS

- In assembling two or more radiators, right and left thread must be pushed together and the use of original nipples 1" mm 30 and *O-Ring* gasket is required (art. 23 and 24 in our catalogue).
- Bushes and reductions (art. 5) must be mounted using original *O-Ring* gaskets (our art. 24). As an alternative, reduction kit art. 44, 47, 9 could be used, (silicon gasket is included).
- *Oscar* or *Ekos Plus* radiators are installed with bottom opposite end connections it is advisable to insert a diverter (art. 22) between the first and the second element.
The diverter enhances circulation, thereby guaranteeing maximum performance of the radiator.

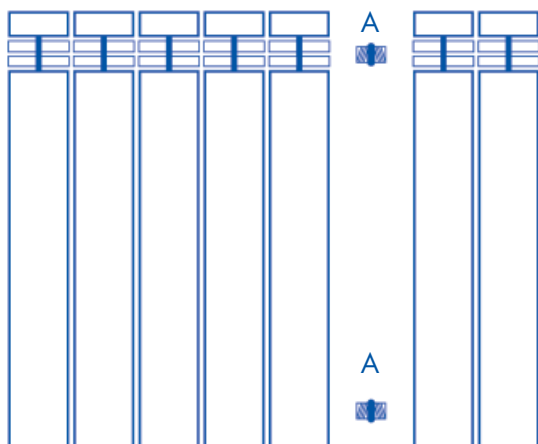
RADIATOR GUARANTEE

GLOBAL radiators have a ten years guarantee starting from the manufacturing date. The towel warming radiator *Vetta* have a two year guarantee starting from the manufacturing date.

This guarantee covers the replacement of those products that due to manufacturing or material defects are not usable.

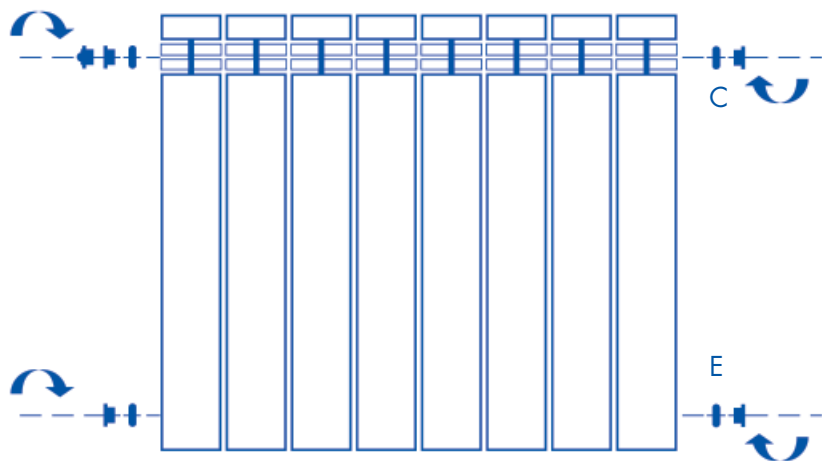
It is essential that the installation has been carried out in compliance with suitable regulations and instructions in addition to compliance with instruction for correct installation indicated above and on our technical catalogue.

ISTRUZIONI PER IL MONTAGGIO E L'INSTALLAZIONE
ASSEMBLY AND INSTALLATION INSTRUCTIONS
INSTRUCTIONS POUR LE MONTAGE ET L'INSTALLATION



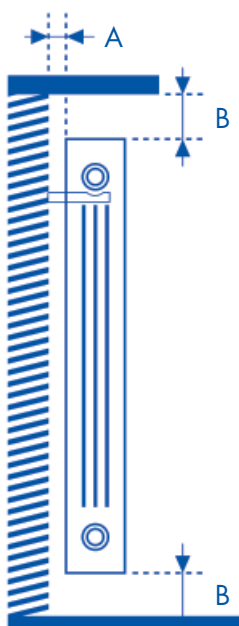
Assemblaggio di elementi (quando necessario)
Assembly of elements (if necessary)
Assemblage des éléments (si nécessaire)

A: nipples + guarnizione
nipples + gasket
nipples + joint



Montaggio tappi e riduzioni
Fitting caps and reductions
Installation des bouchons et des réductions

B: tappo sx + guarnizione + valvola sfiato aria
left plug + gasket + air vent valve
bouchon gauche + joint + purgeur d'air
C: tappo dx + guarnizione
right plug + gasket
bouchon droite + joint
D: riduzione sx + guarnizione
left reduction + gasket
réduction gauche + joint
E: riduzione dx + guarnizione
right reduction + gasket
réduction droite + joint



Fissaggio al muro
Wall mounting
Fixation au mur

- Fissare al muro una coppia di mensole plastificate ogni 14 elementi max.
Mantenere le distanze dal muro come riportate sul disegno
- Fixed to the wall a couple of plastic shelves every 14 cells max.
Observing the distance as shown on drawing
- Installer les éléments sur des consoles plastifiées fixer au mur
max. 14 éléments.
Veuillez respecter les distances comme indiquées sur le croquis

A: 3 cm
B: 10 cm