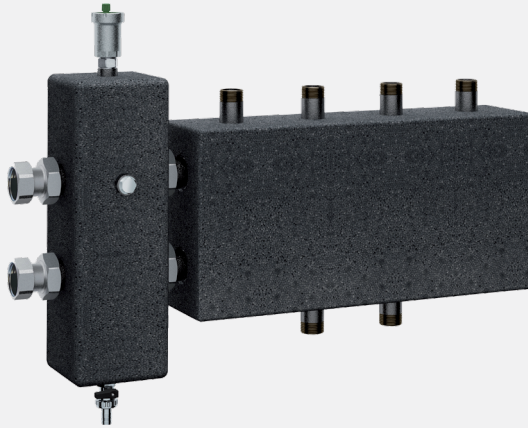


ART.2192



- Painted exterior surface
- Wheelbase: 125mm
- Side connections: 1 1/4" female
- Outlets: 1" male
- Pmax: 8bar
- Tmax: 95°C
- Supplied with PPE insulation

## 1 DESCRIPTION

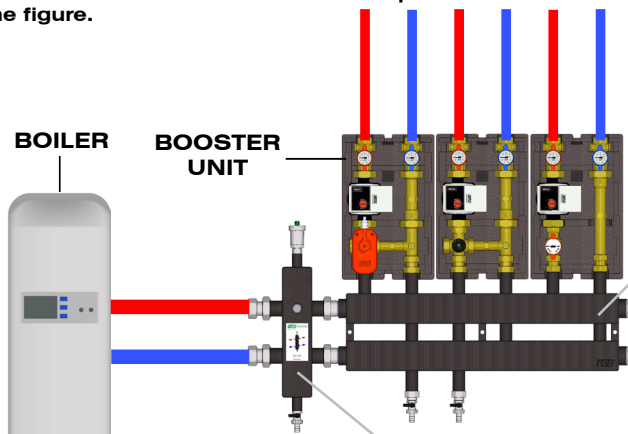
FAR Distribution group for thermal-electric power station, installed on heating and cooling implants, is provided with:

- **Hydraulic separator:** its function is to separate the primary circuit from the boiler or from the chiller from the secondary circuit of distribution of the fluid, avoiding interference between the pumps of primary and secondary circuits.

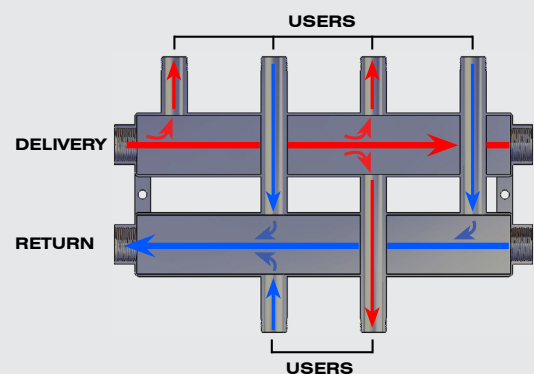
- **Distribution collector:** this device allows to provide on the same axis, delivery pipes and return pipes, in order to simplify the installation of the booster unit in the central heating, reducing dimensions. It is manufactured with two chambers, one for the delivery fluid and one for the return fluid, with right-angled section. The central line between ports is 125mm. It is possible to join manifolds by using the male-male connection **Art.5163 114**

## 2 INSTALLATION

The unit must be installed in vertical position as shown in the figure.

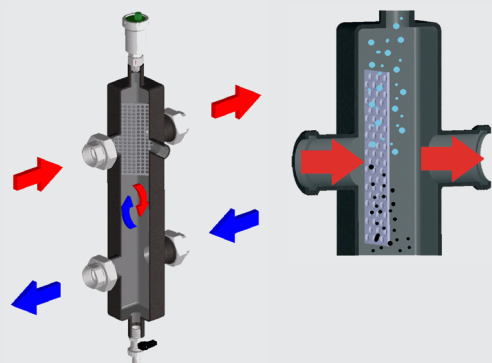


In the section directions of the fluids are reported



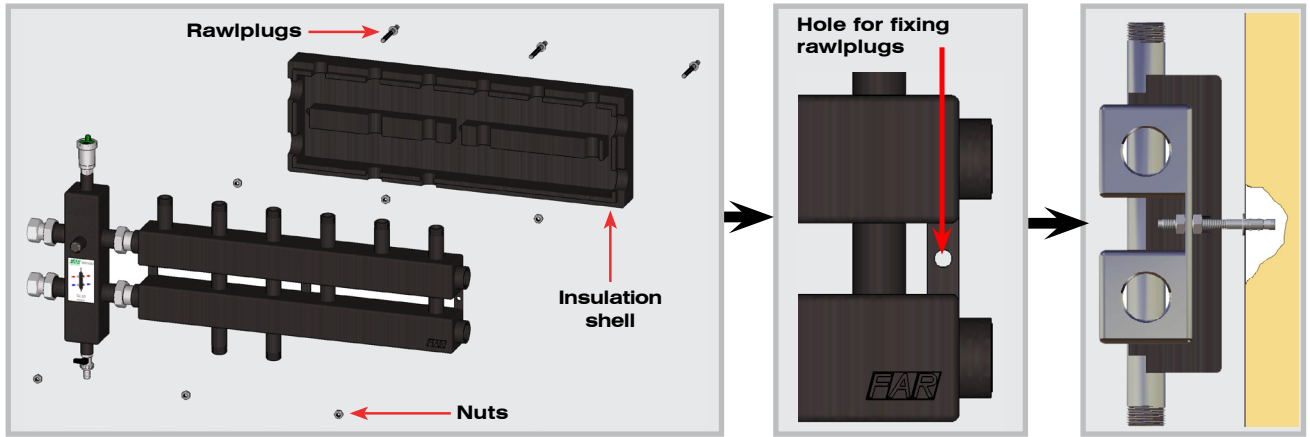
In the figure, a section of the hydraulic separator is reported where the inner grid is visible. Direction of the fluids are reported as normal connection conditions, with delivery at the top of the device and return downwards. The grid, crossed by the water flow, causes a deceleration of air bubbles that go up in order to be ejected through an air vent valve. At the same time, impurities move downwards in order to be ejected by a discharge cock.

A non-return valve is installed on the hydraulic separator to permit the uninstal of the air vent valve for ordinary maintenance. Downwards there is a 1/2" connection where a discharge cock shall be installed for the elimination of the mud. The 1/2" frontal connection allows the installation of manometer and thermometer.

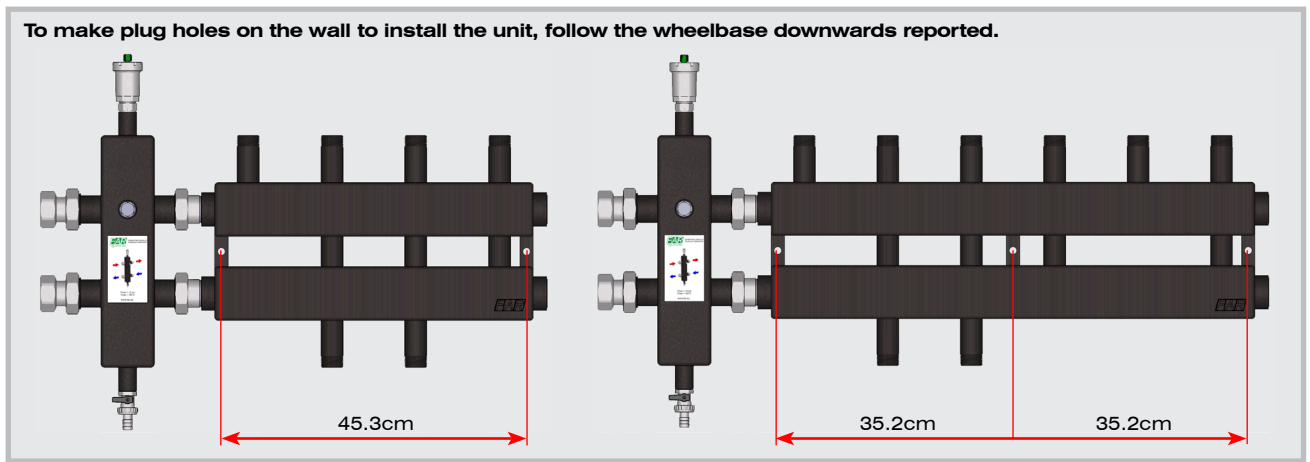


### 3 WALL INSTALLATION

Manifolds must be installed on the wall by means of Rawplugs (NOT SUPPLIED) located directly on the manifold brackets. Before this is done, the insulation shell should be positioned on the manifold, so as to sit between manifold and the wall.



To make plug holes on the wall to install the unit, follow the wheelbase downwards reported.



### 4 TECHNICAL FEATURES

- Separator body: painted steel
- Insulation: PPE
- Main folders : female unions
- Drain cock connection: 1/2"
- Air vent valve connection: 1/2"
- Front connection : 1/2"
- PN: 8 bar
- Max. recommended flow: Q= 3,5 m³/h
- Compatible media: water and water with glycol
- Max. Pressure : 8bar
- T. Max: 95°C
- Side connection : 1" 1/4
- Main folder : 1"

### 5 DIMENSIONAL FEATURES

