



Art.2105



Automatic filling unit

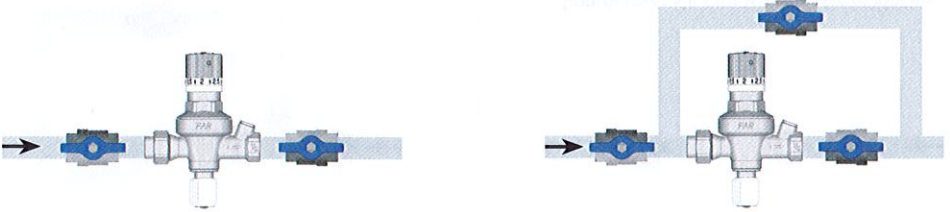


Art.2106

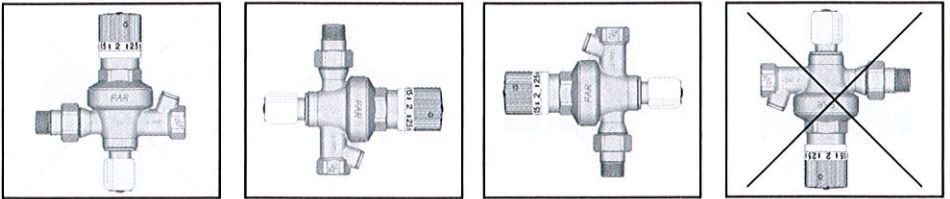
INSTALLATION INSTRUCTIONS

INSTALLATION

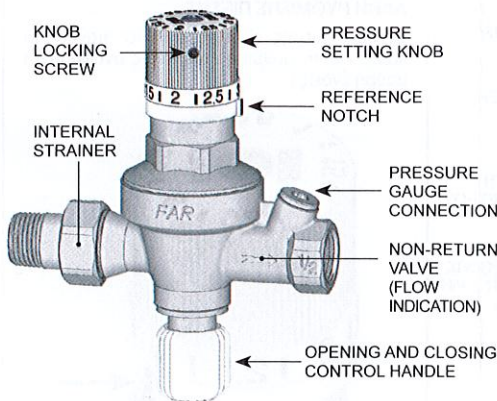
The automatic filling unit is able to automatically fill the system up to the pre-set pressure and is useful in compensating for any pressure decreases resulting from the discharge of air from the circuit via the air vent valves. The filling unit is normally installed on the feed line between two shut off valves, so that it can be removed without draining the whole system. It is advisable to install the filling unit with a bypass, in order to reduce filling time. It is possible to fill 2/3 of system with the bypass and the rest with the unit, so as to make easy the eventual bleeding of some air from the system.



⚠ The filling unit can be installed in a horizontal or vertical position, but not upside down.

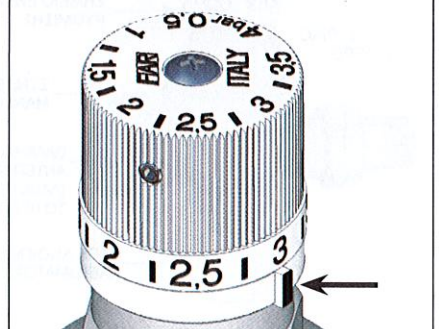


AUTOMATIC FILLING UNIT COMPONENTS



PRESSURE SETTING KNOB

The pressure values are indicated on the knob. Please use the reference notch indicated by the arrow in order to set the pressure.



OPENING AND CLOSING CONTROL KNOB

Screwing the knob the filling of the water in the system closes. Unscrewing the knob the entrance for the water in the circuit opens.

⚠ Once the system is filled and the pressure is set, close the control knob. In case of pressure drop, open the control knob so the system will return to the set temperature and pressure.

TECHNICAL FEATURES

Input connection (union fitting): 1/2" M
Output connection: 1/2" F
Manometer connection: 1/4" F
Max. working temperature: 95°C
Min. working temperature: 5C
Max. pressure (a monte): 10 bar
Setting pressure: 0,5 – 4 bar
Pressure gauge scale (art.2106): 0+6 bar

Body and inner specifications: Brass CW617N and CB753S
Spring: Steel AISI302
Membrane of pressure reducing valve: NBR
Non return valve: Differential pressure 0,02 bar
OR gasket: EPDM
Strainer: 450 µm
Stop cock handle: ABS