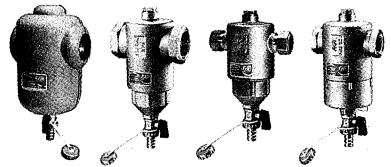




DIRT SEPARATOR

ART.2200-2201-2202-2203
2204-2205-2206

INSTALLATION INSTRUCTIONS



OPERATION

The dirt separator is a device installed in a central heating system, which filters out any impurities in the water supply which could cause malfunction of the components in the circuit.

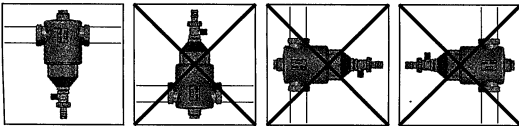


WARNING: Due to the presence of magnetic parts, it is recommended that persons with pacemaker take the necessary precautions, remaining at safe distance during functioning or maintenance.
Also the use of electronic devices next to magnets requires attention, in order to avoid malfunctioning.

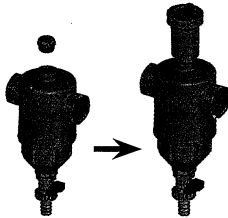
INSTALLATION

It is recommended that the dirt separator be installed at the boiler inlet, so as to stop impurities which could damage boiler and pumps. We also advise installation of appropriate shut-off valves for maintenance operations.

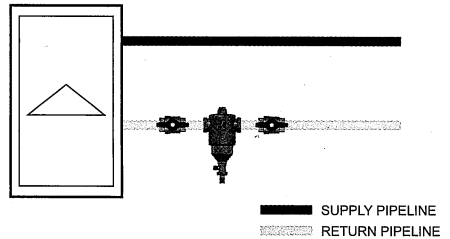
Warning! Always install the dirt separator in the vertical position in order to guarantee correct function.



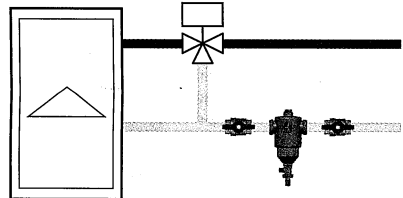
A threaded connection with a plug is located on top of the dirt separator, so that an automatic air vent valve can be installed to make the gas purge easier. A FAR automatic air vent valve can be installed just by removing the upper plug and screwing the valve on the dirt separator. All versions of the dirt separator are available with 1/2" upper connection.



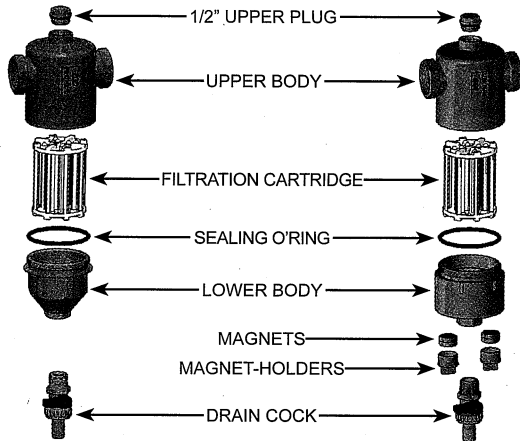
CORRECT INSTALLATION IN GENERIC SYSTEMS



CORRECT INSTALLATION IN SYSTEMS WITH MIXING VALVE

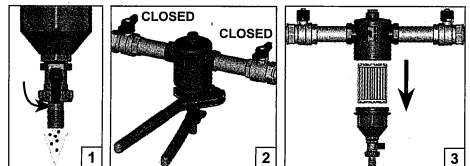


CONSTRUCTION FEATURES



MAINTENANCE

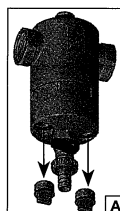
The dirt separator requires a periodic cleaning of the inner filter, in order to remove any impurities deposited. Besides the discharge procedures effected by means of the opposite drain cock located in the lower section of the dirt separator (Fig.1), it is also possible to unscrew the lower body (Fig.2) with the aid of a plumbing wrench and take off the cartridge for cleaning operations (Fig.3), so as to remove all impurities.



TECHNICAL FEATURES

Body: CB753S brass
Upper plug: CW617N brass
Lower cock: CW617N brass
Max working temperature: 110°C

Cartridge: PA6
O-Ring: EPDM
Nominal pressure: 10 bar
Max fluid speed: 1.4 m/s



Art.2205-2206

Before maintenance, unscrew and remove the magnet-holders, as shown in the picture A.
Dirt separator can then be cleaned, as indicated above.