

IMT AIR AND DIRT SEPARATOR

The solution to get rid of micro bubbles and dirt



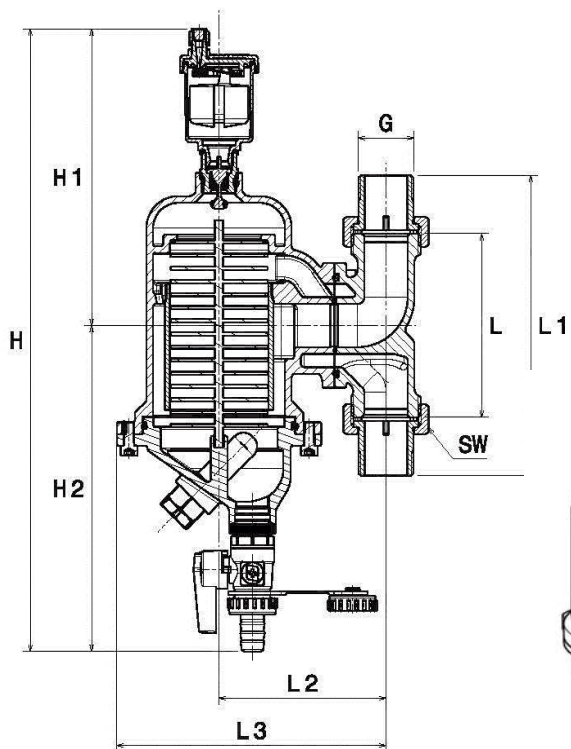
- High venting capacity of air and micro bubbles
- Magnet for the collection of ferrous impurities
- Discharge of the impurities without emptying the system
- Orientable connections

Fig. 127**Dimensions**

G	L	L1	L2	L3	H	H1	H2	SW
3/4"(*)	110	176	100	161	373	178	195	47
1"	110	180	100	161	373	178	195	47
1 1/4"(*)	110	191	100	161	373	178	195	52

Dimensions in mm

(*) 3/4" and 1 1/4" upon request



Structural pressure 10 bar

Working pressure 6 bar

Temperature rating max. 110°C (no steam)

Fluid: Water and water/glycol mixtures (30%)

The IMT Air and Dirt Separator is installed in closed heating systems and its purpose is to evacuate the air- and micro bubbles through the automatic air vent. At the same time it separates and collect the impurities.

Thanks to the magnet also the ferrous impurities are collected and caught. The magnet can be removed from the body without emptying the system; in this way the ferrous impurities fall down and can be discharged through the outlet by a drain valve.

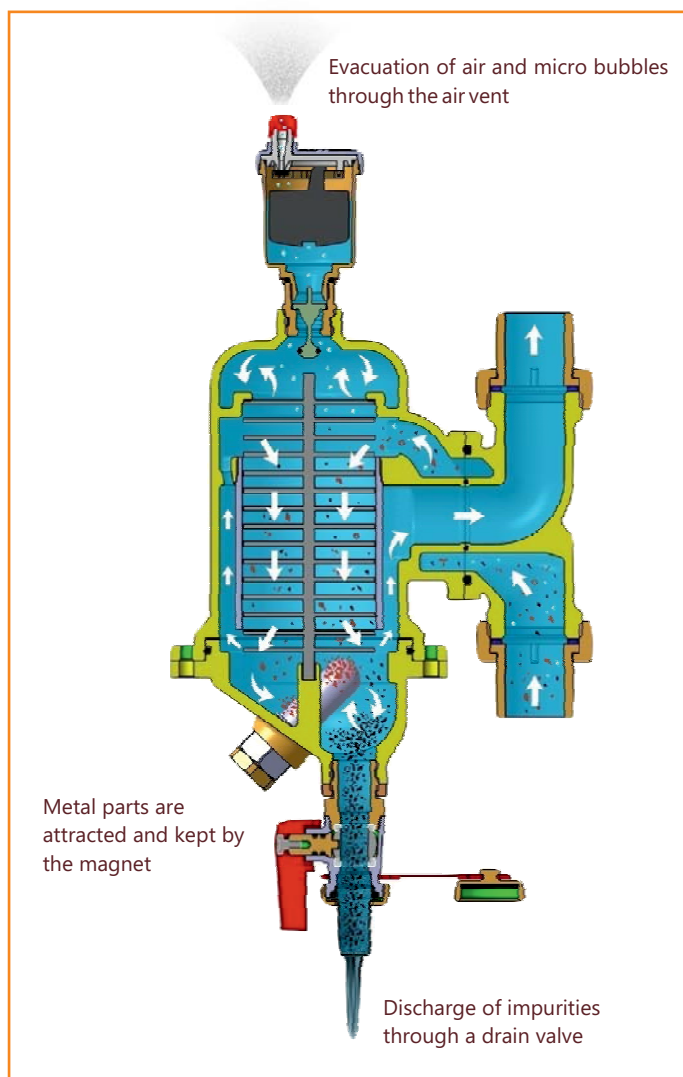
The IMT Air and Dirt Separator can be installed on both horizontal and vertical pipes. This is possible thanks to the orientable connections.

The IMT Air and Dirt Separator is preferably installed on the return circuit upstream of the boiler, so that the dirt particles can be caught before they reach the boiler.

The shape of the IMT Air and Dirt Separator has been especially developed in order to reduce sensibly the flow speed. As a consequence air and micro bubbles can raise and are evacuated through the IMT air vent Excellent.

In the same way the dirt particles are directed to the outlet located on the bottom of the device, which is equipped with a drain valve.

This is also supported by the magnet, whose position allows a perfect catching function.



IMT[®]
SWITZERLAND

www.imt-ch.com
e-mail: verkauf@imt-ch.com

SWITZERLAND

IMT ARMATUREN AG
Unterlettenstr. 10
CH 9443 Widnau / St.Gallen
Tel. +41/71/744.39.71

ITALY

IMT ARMATUREN S.R.L.
Via delle Fontane, 66
I 13011 Borgosesia
Tel. +39/0163/204.555
Fax +39/0163/204.556