

AIRTERM & AIRTERM UP

FLOAT OPERATED DEAERATOR



In-line **Airterm** and adjustable **Airterm UP** deaerators are devices designed to eliminate any micro air bubbles contained in the systems.

They are essentially made up of two parts:

- **ACTIVE:** The area where microbubbles are formed as a result of strong turbulence and swirling motion. Microbubbles blend together becoming bubbles.

- **PASSIVE:** Float-operated air vent valve to eliminate air bubbles.

With their capacity to absorb air bubbles nestled in the system's critical areas, deaerators help guarantee system efficiency and are therefore considered safety devices.



AIRTERM
In-line deaerator

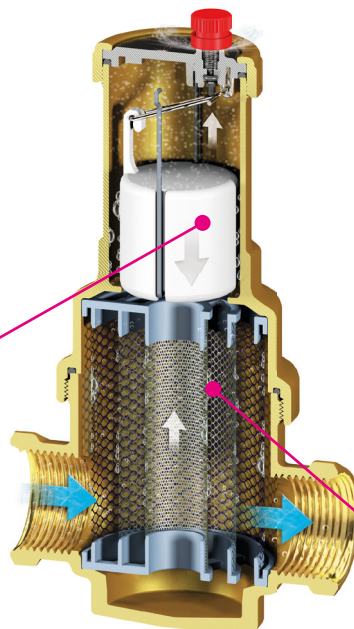


AIRTERM UP
Adjustable deaerator

MAXIMUM DISCHARGE PRESSURE **10 bar**

Passive part

High-performance air vent valve (discharge guaranteed up to 10 bar).

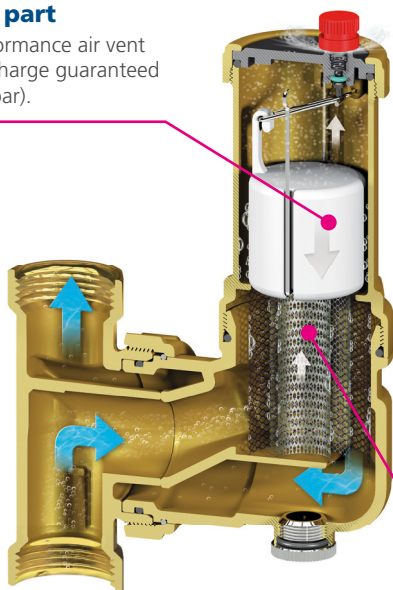


Innovative cartridge

made up of stainless steel sheets with different filtering grades. Stainless steel is an exceptional guarantee of long service life, maximum reliability in variable pressure, temperature and wear conditions, generated by impurities (as it is increasingly less possible to predict what they are comprised of). The flow goes directly through the cartridge, and the continuous changes in sections lead to the creation of swirling movements which promote the release of micro bubbles. Nonetheless, the cartridge offers little resistance to flow passage and is characterised by very low head losses. The micro bubbles settle on the internal metal cage and, after reaching an adequate size, they move upwards and are ejected by the passive part of the device.

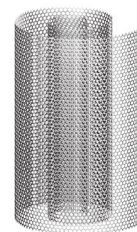
Passive part

High-performance air vent valve (discharge guaranteed up to 10 bar).



Innovative spiral cartridge

made of stainless steel. Stainless steel is an exceptional guarantee of long service life, maximum reliability in variable pressure, temperature, resistance to corrosion and wear conditions, generated by impurities (as it is increasingly less possible to predict



what they are comprised of). The flow goes directly through the cartridge, and the continuous changes in sections lead to the creation of swirling movements which promote the release of micro bubbles. Nonetheless, the cartridge offers little resistance to flow passage and is characterised by very low head losses. The micro bubbles settle on the internal metal cage and, after reaching an adequate size, they move upwards and are ejected by the passive part of the device.



- Ensures system efficiency
- High discharge capacity
- High performance (max. discharge pressure 10 bar)
- Bi-directional (model Airterm)
- Can be mounted on vertical, horizontal and diagonal piping (model Airterm UP)