

AIRTERM DIRT & AIRTERM MAG

COMBINED SELF-CLEANING DIRT SEPARATORS / DEAERATORS



MAXIMUM DISCHARGE PRESSURE **10 bar**

Airterm Dirt combines the functions of common dirt separators and deaerators in a single solution. They are used to remove air and impurities from hydraulic circuits.

In addition, **Airterm Mag** is equipped with a powerful magnet to capture particles such as rust and sand that are formed due to corrosion and scale during the normal operation of a system.

ADVANTAGES

Merging two different components into one solution has allowed us to significantly reduce overall dimensions with respect to the installation of two separate products: dirt separator + deaerator.

Passive part

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



Magnet

(Only available in the Airterm Mag device) Powerful magnet to capture particles magnetic that are formed due to corrosion during the normal operation of a system.

Accumulation area

Large and very far from the flow passage, resulting in less frequent maintenance work.

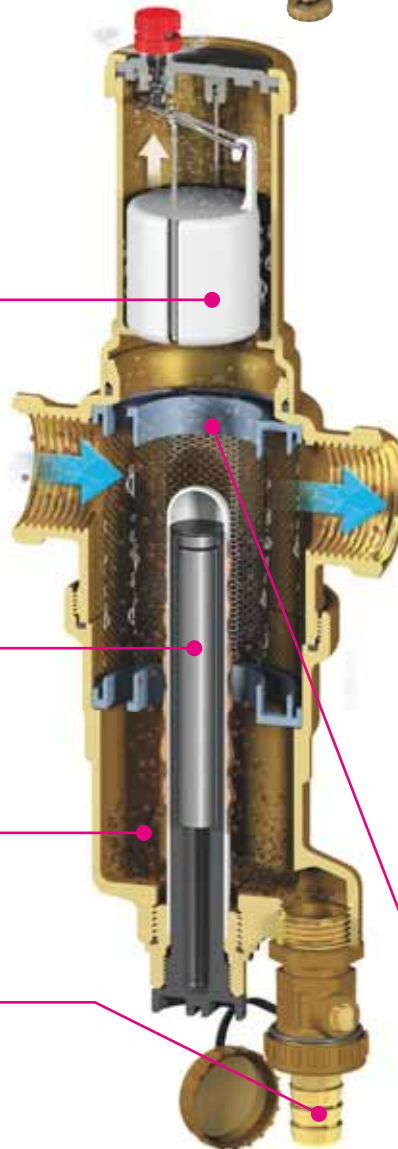
Purge valve

Adjustable, with hose connector and safety cap.

AIRTERM DIRT
Dirt separator / deaerator



AIRTERM MAG
Magnetic dirt separator / deaerator



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, greater 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.

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. At the same time, this contributes to minimising the possibility of impurities running through and offers little resistance to the flow passage, characterised by very low head loss. The special cartridge does not obstruct the descent of the dirt into the accumulation zone in any way, therefore there is no danger of the particles being recovered by the flow running towards the outlet of the dirt separator.



- Eliminates all impurities
- Self-cleaning
- Ensures system efficiency
- Large capacity discharge
- High performance (max. discharge pressure 10 bar)
- Multifunction: Built-in dirt separator and deaerator
- Magnetic (Only Airterm Mag)
- Bi-directional



3173

Self-cleaning dirt separator.
Provided with drain ball valve with hose end connector.

Brass body.
 Inox AISI 304 2 Layers steel filtering cartridge.
 Elastomer hydraulic seals.
 FF UNI-EN-ISO 228 threaded fittings.

- Max operating pressure 10 Bar
- Operating temperature 0 ÷ +110 °C
- Neodymium magnet B = 11000 gauss

■ Technical drawing, page 11.05



- Dirterm Mag Self-cleaning magnetic dirt separator
- Dirterm Mag Séparateur de boues magnétique autonettoyant
- Dirterm Mag Магнитный грязесборник
- Dirterm Mag Eliminator de nămoluri magnetic
- Dirterm Mag Desfangador magnético
- Dirterm Mag Magnetischer Schlammabscheider

Code Code Артикул Cod Código Code	Size Taille Размер Dimensiune Medida Abmessung	Kv (m ³ /h) Kv (m ³ /h) Kv (m ³ /h) Kv (m ³ /h) Kv (m ³ /h)	EURO EURO EURO EURO EURO	Pack Cond. Упак. Cutie Caja Pack.	Carton Emballage Кор. Ambalaj Embalaje Verpack.
3173.04.00	1/2"	7,40	-	1	8
3173.05.00	3/4"	12,66	-	1	8
3173.06.00	1"	20,44	-	1	8
3173.07.00	1"1/4	28,14	-	1	8
3173.08.00	1"1/2	44,45	-	1	8
3173.09.00	2"	65,58	-	1	8

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2863

Self-cleaning dirt separator / deaerator.
Float operated deaerator.
Provided with drain ball valve with hose end connector.

Brass body.
 Inox AISI 304 2 Layers steel filtering cartridge.
 Elastomer hydraulic seals.
 FF UNI-EN-ISO 228 threaded fittings.

- Max operating pressure 10 Bar
- Max operating discharge pressure 10 Bar
- Operating temperature 0 ÷ +110 °C
- Neodymium magnet B = 11000 gauss

■ Technical drawing, page 11.06



- Airterm Mag Self-cleaning magnetic dirt separator / deaerator
- Airterm Mag
- Filtere séparateur de boues autonettoyant / séparateur d'air
- Airterm Mag Магнитный грязесборник / Деаэратор
- Airterm Mag Eliminator de nămoluri magnetic / Dezaerator
- Airterm Mag Desfangador magnético / desaireador
- Airterm Mag Magnetischer Schlammabscheider / Entlüfter

Code Code Артикул Cod Código Code	Size Taille Размер Dimensiune Medida Abmessung	Kv (m ³ /h) Kv (m ³ /h) Kv (m ³ /h) Kv (m ³ /h) Kv (m ³ /h)	EURO EURO EURO EURO EURO	Pack Cond. Упак. Cutie Caja Pack.	Carton Emballage Кор. Ambalaj Embalaje Verpack.
2863.04.00	1/2"	7,40	-	1	6
2863.05.00	3/4"	12,66	-	1	6
2863.06.00	1"	20,44	-	1	6
2863.07.00	1"1/4	28,14	-	1	6

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Magnetic dirt separator + embedded deaerator.