



IMI PNEUMATEX

# LIKE ME.

Dependable, flexible and highly efficient

**You are dependable, flexible and highly efficient – our Zeparo G-Force dirt separator is too! Dirt separation up to 9× more efficient than other devices on the market!**

Cyclonic separation in all directions cleans your system before dirt deposits in critical HVAC equipment! Now it's even better suited to the challenges you face today.

*Zeparo G-Force can be mounted either horizontally or vertically in any position*



# Zeparo G-Force

## Microbubble, dirt and magnetite separator with Cyclonic technology

Dirt and magnetite can cause your heating system to break down when you least expect it. Dirt generated during construction and corrosion due to oxygen ingress are ongoing problems in heating systems.

Their presence can result in higher energy consumption, malfunctions and expensive maintenance and repairs of equipment such as boilers, pumps and valves. Strainers or filters can only capture the largest particles and can lead to clogging of the system, rendering them ineffective.

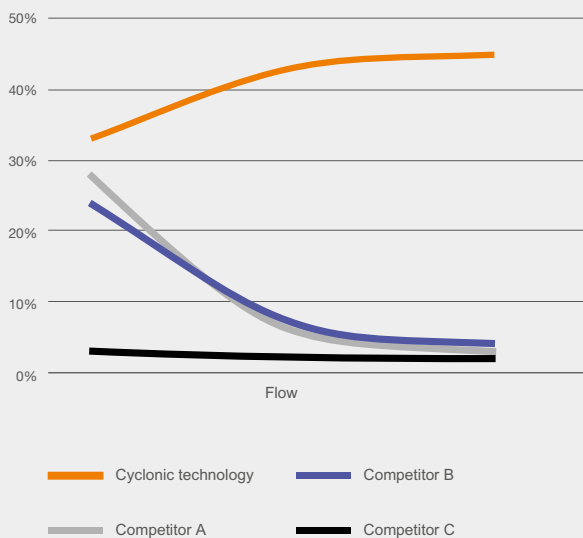


## Get rid of dirt before it destroys your HVAC equipment

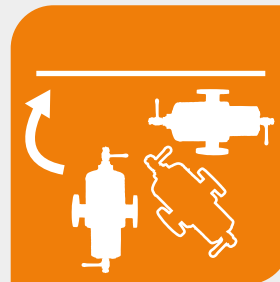
- ✓ Independently-tested\* cyclonic separation which is up to 9x better than other products on the market
- ✓ The only dirt separator of its size that can be installed horizontally or vertically
- ✓ Extends the life of your HVAC system. Powerful centrifugal forces get rid of 95% of dirt in the first few cycles before it can get trapped in HVAC equipment
- ✓ Substantially reduces maintenance costs and equipment failure
- ✓ Can be flushed whilst the system is still in operation
- ✓ Optional magnetite accessory
- ✓ Available with flanges, grooved ends and welding ends

\* Performance measured by Institut für Umwelt- und Verfahrenstechnik UMTEC, Rapperswil, Switzerland

## Measured Separation Efficiency against Competitors\*

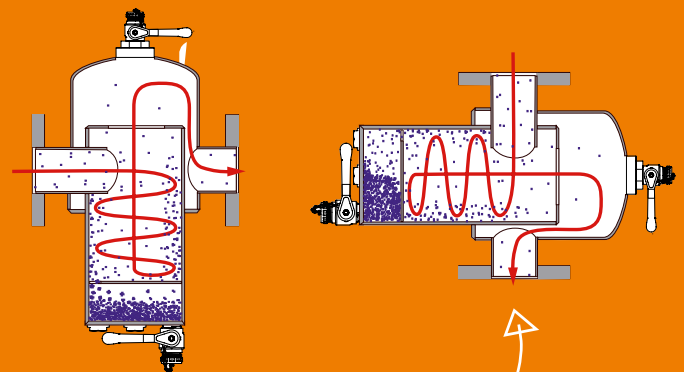


Technical data	Zeparo G-Force
<b>Application</b>	Heating and chilled water systems
<b>Differential pressure</b>	Max. admissible pressure, PS: PN 16 and PN 25 (see each product) Min. admissible pressure, PSmin: 0 bar
<b>Temperature</b>	Max. admissible temperature, TS: - PN16: 110 °C - PN25: 180 °C Min. admissible temperature, TSmin: -10 °C



## How does the Zeparo G-Force dirt separator work?

- ✓ The cyclone creates a rotation within the Zeparo, generating centrifugal forces that push higher density particles towards the outer walls.
- ✓ Dirt deposits at the bottom of the Zeparo G-Force when in vertical position and to the left when in horizontal position, so it can be easily flushed out.
- ✓ Unlike other products on the market, the Zeparo G-Force's efficiency increases as flow velocity increases, offering even more protection at higher flows.



Zeparo G-Force can be mounted either horizontally or vertically in any position