

HIGHER HVAC SYSTEM RELIABILITY FOR YOUR CUSTOMER  
FULL INSTALLATION FLEXIBILITY FOR YOU

**THANKS TO ZEPARO CYCLONE.**



**The Zeparo Cyclone removes dirt and magnetite in heating and cooling systems much more quickly, easily and efficiently than ever before.**

The new standard for dirt and magnetite separation is based on Cyclonic technology, which is set to revolutionise HVAC system maintenance due to its highly superior capacity for dirt removal, which is up to 9 times that of competitors' devices. With the new magnetite accessory, separation of magnetite (finer black iron oxide particles) is improved by 50%.

This unique Cyclonic technology works in every position, allowing Zeparo Cyclone to be mounted both horizontally and vertically.



*with Magnet  
& Insulation  
accessory*

# Zeparo Cyclone

protects critical equipment (boilers, pumps, valves) from the harmful effects of dirt

Up to 9x higher efficiency dirt separation

Insulation with magnet, efficiently removes magnetite dirt particles



Capable of being fitted both horizontally and vertically

Can be flushed whilst in operation (unlike filters)

Reduces maintenance costs and equipment failure

The Cyclonic effect has been used successfully in industrial applications like power plants to clean fumes and remove dust particles from the air.

This removal of dirt in systems is vital to ensure high performance of components installed, such as energy efficient boilers, pumps and valves. Dirt can also affect circulation and heat transfer, for example in radiators, leading to poor indoor climate. The removal of dirt, sludge and magnetite ensures a longer life of the installation, as well as lower energy costs.

The Zeparo is an ideal product to remove dirt such as sludge and magnetite (black iron oxide) deposits and performs well at high temperatures.

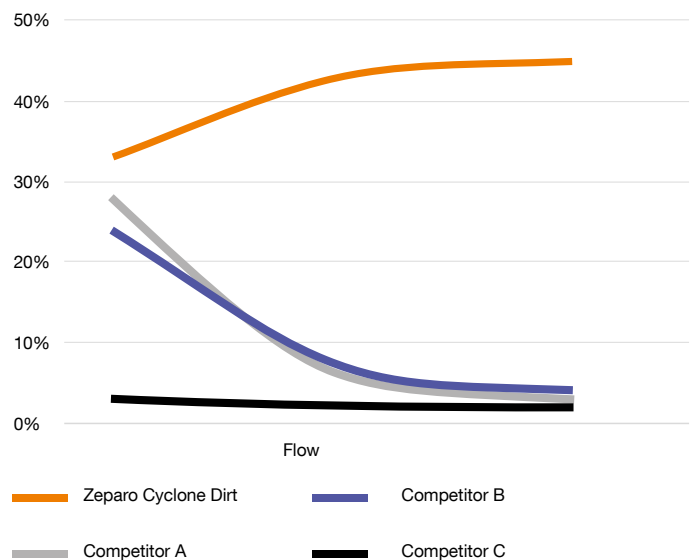


Magnetite sludge in pipes and valves



Radiators clogged by deposits

## Measured Separation Efficiency against Competitors



Institut für Umwelt- und Verfahrenstechnik UMTEC, Rapperswil, Switzerland

## Technical data

High efficiency due to Cyclonic technology

Performs well at high temperatures up to 110°C due to special inner part compound (PPS)

High efficiency independent of dimension

Inline construction for easy installation and maintenance

PN10 Pressure rating

3/4" version can be directly connected to copper pipes (15, 18 and 22mm) with a compression coupling

Unique magnet and insulation combination accessory can be easily mounted on existing cyclone installations

## Available in dimensions DN20 to DN50

