Circulating debris in central heating systems can cause wear and premature failure of pumps, valves and heat exchangers. Sentinel Eliminator Vortex500, fitted to the return pipe on the boiler, will protect the system against all types of debris.

• Large debris collection capacity and suitable for high flow rates, combined with in-line installation and 360° rotating T-piece
  Ideal where greater debris collection is required. Install quickly and simply onto pipework of any orientation

• Flexible cleaning methods
  Providing fast and effective flushing on service or simple proof of collection

• Manufactured to automotive standards with robust GRP body, dual seals and quality EU manufactured brass valves
  10 year guarantee for complete reassurance of long lasting quality

• Unique Vortex Core with powerful neodymium magnet assembly
  Exertional retention of circulating system debris. Ensures the filter cannot block and can aid capture of other types of debris
**Description**

Sentinel Eliminator Vortex® system filter removes all types of debris commonly associated with wet central heating systems, affording boiler protection and helping to maintain optimum system operation and efficiency.

**Operation**

Sentinel Eliminator Vortex utilises a unique Vortex Core to deliver maximum contact time between circulation debris and powerful neodymium-iron-boron magnets. The Vortex Core reduces water flow rate and turbulence within the unit to enhance debris retention. It also ensures the filter will never block. The collected debris can be simply flushed away by removing the magnet from its sleeve and opening the drain valve at the base of the unit.

**Additional features**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Large collection</td>
<td>Suitable for use on systems that are larger, dirtier or have considerable circulating debris</td>
</tr>
<tr>
<td>Cannot block</td>
<td>Full unit does not affect system operation</td>
</tr>
<tr>
<td>Tamper-proof</td>
<td>Drain/flush valve safety feature</td>
</tr>
<tr>
<td>High flow</td>
<td>Max. flow rate of 50 litres per minute</td>
</tr>
<tr>
<td>Dosing</td>
<td>Compatible with Sentinel Rapid-Dose® (300ml)</td>
</tr>
</tbody>
</table>

**Technical specifications**

- **Maximum temperature:** 100°C
- **Maximum operating pressure:** 3 bar
- **Maximum flow rate:** 50 litres/min
- **Mounting:** Main unit upright only
  - flow aligned with directional arrow
- **Connectors:** 22mm and 28mm
- **Weight (boxed):** 1.5kg (22mm); 1.6kg (28mm)

**Pressure loss chart - Eliminator Vortex500**

The use of Sentinel water treatment is endorsed by the industry’s major international manufacturing companies*

*Please refer to manufacturer manuals for individual product endorsements

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