Product Facts

Sentinel Vortex®300

Compact filter for powerful magnetic filtration of system debris

Circulating debris in central heating systems can cause wear and premature failure of pumps, valves and heat exchangers. Sentinel Vortex300, fitted to the return pipe on the boiler, will protect the system against all types of debris and is ideal for installation in situations where space is restricted.

- **Compact design combined with in-line installation and 360° rotating T-piece**
  For ease and speed of install on all orientations of pipework.
- **Manufactured to high standards with robust GRP body, dual seals and quality brass valves**
  10 year guarantee for complete reassurance of long lasting quality.
- **Flexible cleaning methods**
  Providing fast and effective flushing on service or simple proof of collection.
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  Retains more magnetite than other leading small filters. Ensures the filter cannot block and can aid capture of other types of debris.



22mm
22mm isolation valves available

Dimensions
Height: 205 mm
Width: 76 mm

9,000 Gauss field

50 l/m
Max. flow rate 50 litres per minute

The Sentinel System
Lifetime protection for heating and hot water systems using the best practice process of...

CLEAN
WITH APPROPRIATE CLEANER

PROTECT
WITH X100 INHIBITOR

MAINTAIN
WITH X100 TEST KIT

Description

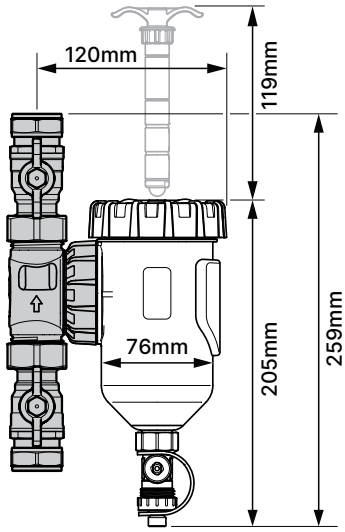
Sentinel Vortex®300 system filter removes all types of debris commonly associated with wet central heating systems, affording boiler protection and helping to maintain optimum system operation and efficiency.

Operation

Sentinel Vortex300 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

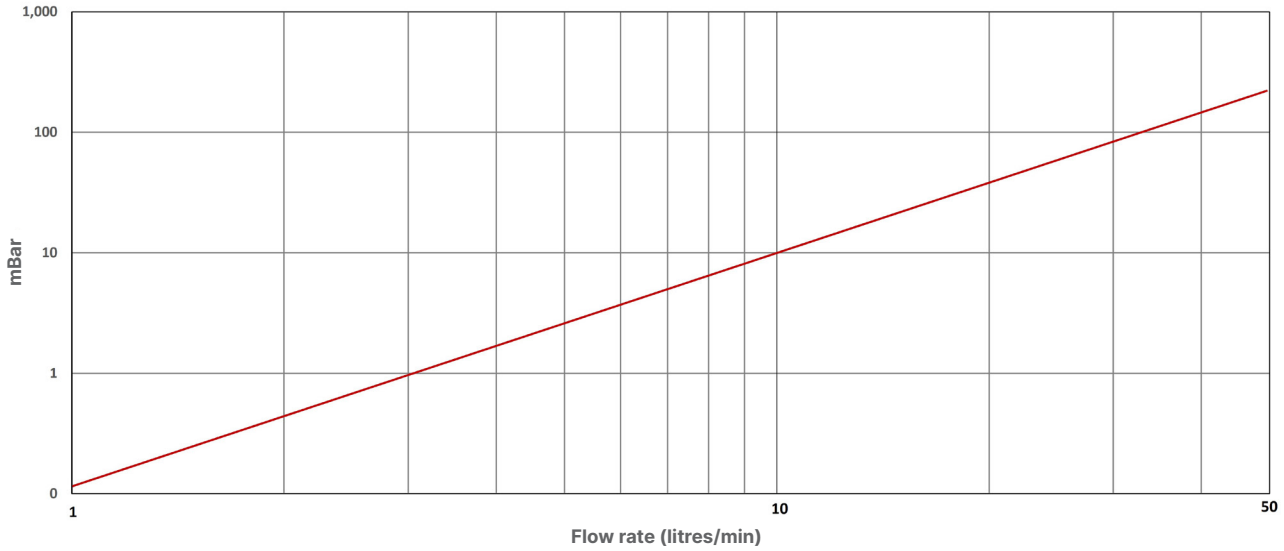
Filter chamber capacity	300 ml
Compact design	Reduced height for easy installation into restricted spaces
Cannot block	Full unit does not affect system
Tamper-proof	Drain/flush valve safety feature
Dosing	Compatible with Sentinel Rapid-Dose®



Technical Specifications

Operational temperature range	3°C - 95°C
Maximum operating pressure	4.5 bar
Maximum flow rate	50 litres/min
Mounting	Main unit upright only – flow aligned with directional arrow
Connectors	22 mm compression
Weight (boxed)	1.3 kg

Pressure Loss Chart - Vortex300



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

BOSCH GRUNDFOS GRANT wilo POTTERTON remeha Vaillant WORCESTER Bosch Group ideal BAXI Glow•worm

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*Please refer to manufacturer manuals for individual product endorsements