



Covered by our exceptional, 20 years, SpiroLife guarantee \*.

### Air costs energy...

*“In fact just 5cm of air in a radiator can cause a 75% reduction in heat output.”*



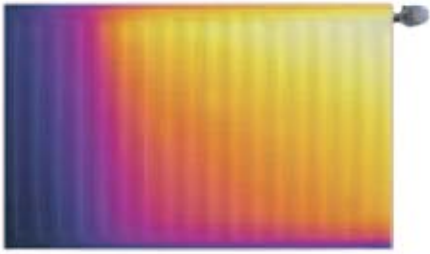
After initial venting, system water still contains a lot of micro bubbles and dissolved gases. It is impossible to remove micro bubbles with traditional automatic air vents. Venting devices on a boiler will only remove the free air from the boiler itself; not the air that is trapped elsewhere in the system, let alone micro bubbles.

Micro bubbles eventually unite into larger bubbles which can cause cold spots in radiators, or even leave radiators completely unheated.

If trapped air is not removed effectively it will lead to frequent manual venting, deteriorating pump performance and unnecessary energy consumption. Any oxygen present in air pockets or air bubbles may also lead to system corrosion. Eventually, this can cause damage to expensive system components and lead to system and process malfunctions or even total system failure. Although not guaranteed to stop all system corrosion, the removal of oxygen rich air will dramatically reduce and slow down the corrosion process.

### The solution to air problems

The new SpiroVent RV2 automatically deaerates the system water and vents air as it circulates the heating system, leaving the system water totally air free. On new installations, the automatic venting of air can effectively reduce the build up of troublesome dirt and magnetite. Resulting in a system with improved energy efficiency and less component malfunctions.



*The above infrared picture shows that only part of the radiator is heating up due to the presence of air.*

# SPIROVENT® RV2

## Key features & benefits:

*Helps protect the pump and other expensive system components.*

*Helps improve system efficiency, heat output & customer comfort.*

*Helps reduce call-outs and customer complaints due to system failure or poor performance.*

*Quickly & effortlessly installed vertically, horizontally or diagonally.*

*Puts an end to gurgling and other irritating noises.*

*Leak-free construction using robust brass & hand finished.*

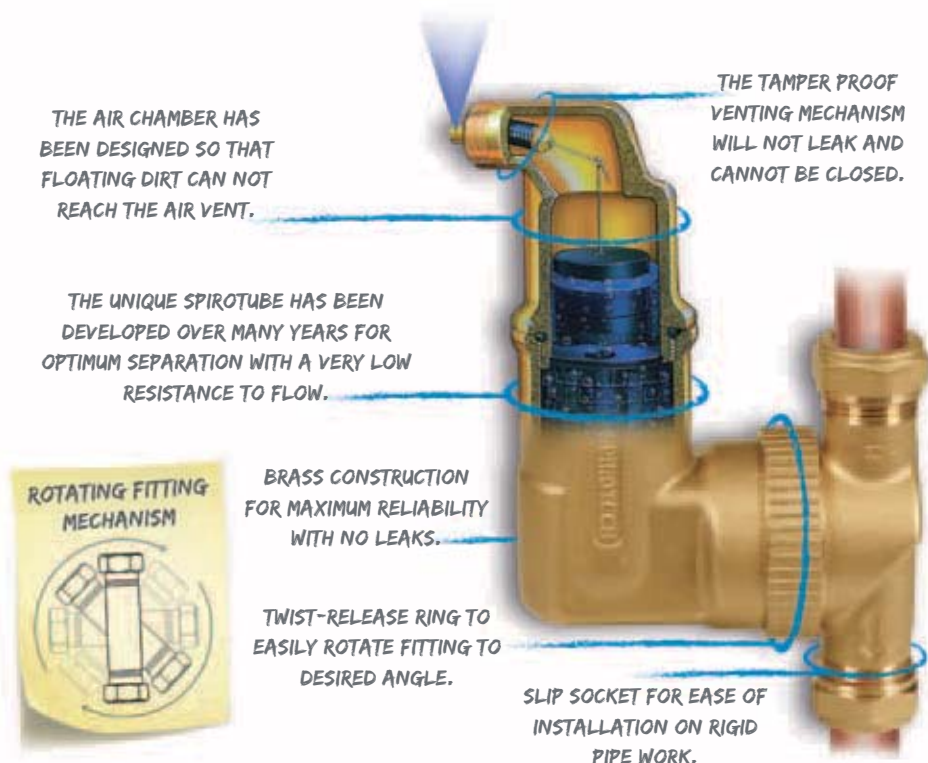
*Automatically vents trapped air in the system.*

*Effectively deaerates the system water and removes micro bubbles.*

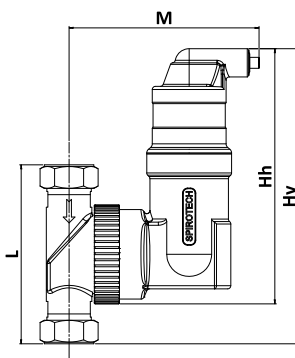
*Helps to slow down and reduce system corrosion.*

*Helps prevent radiator cold spots.*

*20 year SpiroLife guarantee\*.*



**“Effective removal of trapped air, even down to micro bubbles.”**



Technical data for the SpiroVent® RV2		
Connector (D)	22mm comp.	28mm comp.
Max. flow rate [l/s]	0.35	0.55
Volume [l]	0.18	0.18
Weight [kg]	1.8	1.8
Dimension Hv [mm]	205	205
Dimension Hh [mm]	177	177
Dimension L [mm]	120	120
Dimension M [mm]	120	125
Product number	UA022W	UA028W

Flow velocity ≤ 1m/s. Operating pressure 0 - 6 bar. Medium temperature 0 - 110°C.

## Total solutions

Spirotech offers a range of total solutions for HVAC and process systems: including fittings, additives and advice on how to use and assure the quality of the system fluid, as effectively as possible. These products and services will reduce faults, wear and maintenance, plus also improve the performance of the system while reducing energy consumption.



The SpiroVent RV2 works seamlessly with the SpiroPlus range of chemicals and also benefits from an optional flush connector, which takes advantage of the SpiroVent RV2's twist-release fitting.

[www.spirotech.co.uk](http://www.spirotech.co.uk)



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\*SpiroLife guarantee based on the service life of a system, with a maximum period of 20 years.