

New central heating boiler, malfunction or maintenance planned?

Then choose for extra returns!

Save up to  
**13%\***



**SPIROTRAP® MB3**

Particle and dirt separator



**SPIROVENT® RV2**

Microbubble deaerator

\* See reverse for savings in your own housing situation.

# Save energy costs with Spirotech products!

- Avoid the need for regular manual venting
- Ensure radiators are always completely warm
- 6% less gas consumption proved by TNO en Kiwa GASTEC\*\*
- Recover your costs within 2 to 4 years



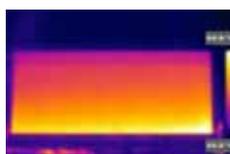
**SPIROVENT® RV2**

Vent your central heating system easily with our SpiroVent RV2, the microbubble deaerator

## Where does the air in my central heating system come from?

Water always contains air. The amount of air varies, depending on the pressure and temperature of the water. When the water is heated in a boiler, air is released in the form of micro-bubbles. Air in a central heating system leads to all sorts of annoying phenomena. For example, it causes swishing and banging noises in pipes and radiators. Air is also often the reason why a radiator does not heat up fully, or at all.

Unevenly heated radiators



## Why is it advisable to fit an air deaerator?

The SpiroVent RV2 removes the micro-bubbles from the hot water immediately after it leaves the boiler. Further along the system, the water can take up air again and will burst the air bubble. The radiators will then heat up evenly again and the boiler will run as efficiently as possible.

Evenly heated radiators





- Protection of costly parts
- Reduce faults and downtime
- 7,4% less gas consumption, proved by TNO and Kiwa GASTEC\*\*
- Recover your costs within 2 to 4 years



**SPIROTRAP® MB3**

Protect your central heating system with SpiroTrap MB3, our magnetic dirt separator!

### Where does the dirt in my central heating system come from?

The main cause of contamination is corrosion resulting from the reaction of (the air in) water with the parts of the system containing iron. Contamination in a central heating system consists mainly of harmful magnetite. A clear indication of the presence of magnetite is the installation water turning black. A build-up of magnetite deposits prevents optimal operation of the heating system and leads to excessive damage and breakdowns.

Water contaminated with magnetite



### Why is it advisable to fit a dirt separator?

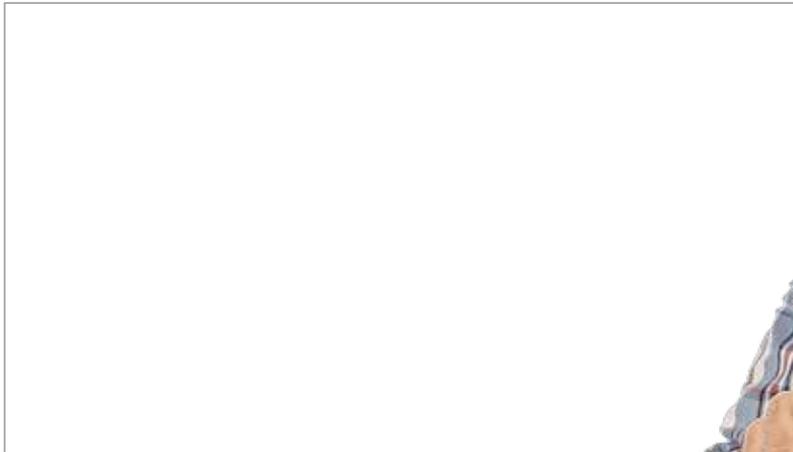
The annoying and sometimes costly consequences of contamination in the installation water can be avoided with a magnetic dirt separator. This dirt separator removes magnetite extra fast from the installation water. A system with clean water is far less sensitive to breakdowns and ensures that the boiler runs as economically as possible and that the pump uses as little electricity as possible. The magnetic dirt separator is supported by all well-known boiler makes.

Water with minimum presence of magnetite



# Do you want to know all about the savings you can make with Spirotech?

Your installation specialist can tell you more!



Save on your annual energy costs with Spirotech products!\*\*

0,64 gas price/m³			Saving after 1 year			Saving after 5 years			Saving after 10 years		
Type of residential property	Avg. gas consumption	Gas costs	With RV2	With MB3	MB3 + RV2	With RV2	With MB3	MB3 + RV2	With RV2	With MB3	MB3 + RV2
<b>Terraced house</b>	1.630 m³	€ 1.043,20	€ 62,59	€ 77,20	€ 135,62	€ 277,59	€ 332,93	€ 523,25	€ 481,32	€ 559,61	€ 784,04
<b>End-of-terrace house</b>	1.960 m³	€ 1.254,40	€ 75,26	€ 92,83	€ 163,07	€ 333,79	€ 400,33	€ 629,18	€ 578,76	€ 672,91	€ 942,78
<b>Semi-detached house</b>	2.040 m³	€ 1.305,60	€ 78,34	€ 96,61	€ 169,73	€ 347,41	€ 416,68	€ 654,86	€ 602,38	€ 700,37	€ 981,26
<b>Detached house</b>	2.440 m³	€ 1.561,60	€ 93,70	€ 115,56	€ 203,01	€ 415,54	€ 498,38	€ 783,27	€ 720,50	€ 837,70	€ 1.173,66
<b>Apartment</b>	1.060 m³	€ 678,40	€ 40,70	€ 50,20	€ 88,19	€ 180,52	€ 216,51	€ 340,27	€ 313,00	€ 363,92	€ 509,87

\*\* The annual energy costs are proved by the Netherlands Organisation for Applied Scientific Research (TNO) and Kiwa GASTEC based on Dutch residential properties. Source data: average gas consumption and price taken from milieucentraal.nl