



Each mm of limescale increases energy consumption by 7% (Carbon Trust).

AquaVantage is a unique device specifically designed to reduce limescale. It is the **most powerful**, long term, hard water treatment of its type available.



The technology used has been continually developed over the last 23 years and has been proven to have a dramatic and lasting effect on the removal of hard scale deposits.

### Key Benefits

- Reduced limescale in water systems
- Improved water texture
- Low energy cost
- Maintenance free
- Payback from 6 months
- Easy to install, non-invasive and requires no plumbing
- Noiseless, odourless and requires no added chemicals
- Water treatment recommended by British Water



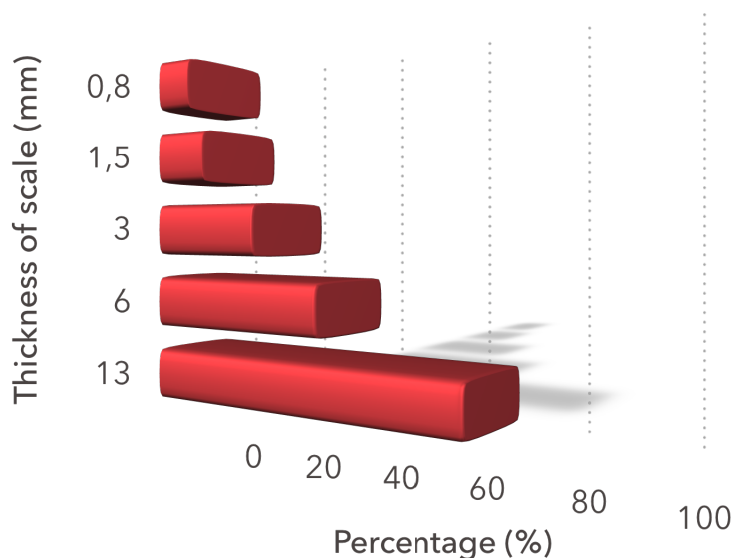
### How it works ?

The AquaVantage water treatment process retains all the natural minerals in mains water supplies while altering the physical structure of the calcium mineral from hard to soft. This allows scale deposits to flush out of the plumbing naturally.

### Product Information

- ◆ 3 years Manufacturer's Warrantee
- ◆ 6 months Performance Warrantee
- ◆ 20 year design life
- ◆ Solid stage circuitry
- ◆ LED bar graph indicating system status
- ◆ Industrial systems include integrated facilities for BMS systems

The graph to the right shows the extra energy required when hard scale is present in heating systems.





## Performance

The following three photographs were taken of a 24" (600mm) pipe from a water treatment works.

- **Photo A** was taken before treatment (*Note: Typical scale up to 5" (125mm) thick found every 13 weeks*)
- **Photo B** was taken one month after fitting (*Note: Scale reduced to just 1" (25mm) thick*)
- **Photo C** Close up taken 3 months after fitting (*Note: The pipe was completely clean of scale after 4 months*).



## Examples of savings

*"In a hotel in Slough with 90 bedrooms, an AquaVantage Hard Water Treatment system was installed on the 100mm Rising Main and the flow and return to the boilers. The boiler inspection every 6 months reveals a light dusting of powder and **all the heating tubes intact**.*

*The boiler inspection and cleaning **takes 2 to 3 hours** where it usually took **2 days**."*

*"Since fitting AquaVantage units at the Cricklade Leisure Centre swimming pool, the water is clear at all times and chemical usage has been reduced by 20%. In addition, the level of total dissolved solids (TDS) rose after installation indicating that descaling taking place. In view of this, I decided to order another unit which will protect the two boilers and the domestic hot water supply." - **Manager, Cricklade Leisure Centre, Wiltshire***

*"A newspaper print manufacturer in Kent uses stream water filtered through a membrane drum filter in its processes and the filter had to be dismantled and cleaned of hard scale every 2 - 3 weeks. Installation of the Aquavantage Digital Water Treatment system on the 20 inch diameter supply pipe reduced existing hard scale deposits to Aragonite powder in 10 days. Now the client occasionally hoses down the filters to maintain flow efficiency." - **Kent Print Manufacturer***

**The AquaVantage System achieves the most powerful  
HARD WATER TREATMENT effect available today.**

**NO SCALE = ENERGY COST SAVINGS**