

How does UV work?

Strong sunlight purifies water by permanently inactivating bacteria, viruses, moulds, spores and algae. Hanovia water disinfection systems generate the same ultraviolet germicidal rays as sunshine, only hundreds of times stronger. No organisms can withstand this treatment.

Is it Safe?

Hanovia systems are designed for safety and quality:

No chemicals

- ▶ UV purification requires no chemicals
- ▶ UV purification does not produce any
- ▶ Contaminants or by-products
- ▶ Chlorine is not necessary so the water tastes better and no chlorine related carcinogens are formed

Durability

The disinfection unit is made of high quality stainless steel and quartz, with no plastic parts, so, even after many years of use:

- ▶ there is no leaching of chemicals into the water
- ▶ there will be no leaks caused by deterioration of plastics

Quality

All Hanovia UV systems:

- ▶ comply with EU standards
- ▶ are made to BS EN ISO 9001

Warning Light

In all units, a warning light will indicate the unlikely event of a UV lamp failure

Ultraviolet

The UV light is totally contained within the high quality stainless steel chamber



YOUR HANOVIA REPRESENTATIVE

Hanovia

WORLD CLASS UV

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At Home With Safe Water



*Purification of your Domestic
Water Supply with the Highest
Quality UV Systems*

Hanovia

WORLD CLASS UV

Why is it necessary to disinfect domestic water with UV?

Many homes use drinking water which is not from the mains supply. At best it may be only partially treated and it will certainly vary in quality through the year. Well and spring water is always contaminated with microorganisms which should be removed: contamination will be worse in highly populated areas or where water is scarce and recycled.

Many homes have been using untreated water sources for many years. Over this period, the occupants will have developed tolerance to the microorganisms in the water. However, visitors and guests (especially children and the elderly) can suffer illness and diseases from minor stomach upsets to more serious cases of gastroenteritis. Householders in many countries are liable for the quality of their water supply and can be prosecuted for not meeting standards.

Protection against disease from the water supply requires the decontamination of all the water used for drinking, cooking, washing up and personal hygiene. UV is proven effective against Cryptosporidium.

Why choose UV?

The simplest, cheapest and safest way to treat water is with Ultraviolet (UV) light. Hanovia top quality units are available for plumber or DIY installation from your local dealer or direct from Hanovia. The unit fits into a small space in a bathroom, loft or kitchen and gives years of trouble free operation with minimal maintenance

Who else chooses UV?

Hanovia UV systems are the choice for leading hospitals, large water companies, breweries, food production plants and many other factories. Thousands of domestic treatment units are in use in Britain and throughout the World.

Which Unit is appropriate?

Model	Connections Inlet/outlet	Max Capacity litres / min	Power Watts	Suitable For
UVD13	15mm stub	8	18	Household of 3 people
UVD35	1" BSP	20	40	Household of up to 6 people
UVD70	1" BSP	40	40	Household of up to 9 people

Why choose UV?

Hanovia is the world's largest and most experienced supplier of UV sterilisation units to industry and homes. Since the 1920s, Hanovia (a British company with distributors and technical backup worldwide) has made top quality equipment to purify water to the highest standards. Hanovia water treatment systems are made of stainless steel, which outlasts plastic by many years; they are the most reliable on the market and are very economical to run.

What is the Hanovia Package?

All Hanovia domestic units include:

- ▶ Stainless steel water treatment chamber
- ▶ Mains-on and lamp-fail indicator light
- ▶ UV lamp
- ▶ Moulded electric plug
- ▶ Splash-proof, compact, control box
- ▶ Comprehensive instructions

How will I install it?

The Hanovia unit is supplied with two water connections and one electrical connection, together with clear instructions for the DIY enthusiast or the plumber. It can be mounted horizontally or vertically on a wall or beam. Suitable locations include the airing cupboard, bathroom, kitchen or loft space. Ideally, the unit is sited downstream from the water storage tank.

What about Maintenance?

There are no moving parts in the Hanovia unit, so the only regular maintenance is the annual replacement of the special UV lamp. (This is similar to changing a fluorescent strip light.) UV lamps are available through your distributor or directly from Hanovia. A warning light on the wall mounted control box shows in the unlikely event of UV lamp failure. After three years use, the quartz sleeve in which the UV lamp is held will need replacing. Changing it is a simple process.



UV Lamp Monitor



Hanovia Domestic Range

How long will it last?

The Hanovia UV unit is one of the highest quality and is designed to give a lifetime of trouble-free operation, providing the UV lamp and quartz sleeve are regularly replaced. Being made of stainless steel, the Hanovia unit is far superior to products made of plastic which can deteriorate and leak after a short time.

How much will it cost?

The cost of installing a Hanovia high quality UV water purifier is less than the cost of purchasing 2 litres of mineral water per day for a year in the supermarket. The UV unit runs on 18 or 40 watts, so the running cost of the electricity is less than an ordinary light bulb.

What if the water supply looks cloudy?

Water which arrives in the home with an unpleasant taste, appearance or smell may need to be filtered prior to UV treatment. A water filter (also available from Hanovia) can remove small particles and odours, including chlorine. It is easily installed upstream from the UV unit. The filters are inexpensive and the frequency of replacements depends on water quality.