



UNDERSTANDING THE ROOTS  
OF `ELECTRICAL POLLUTION`



**PROTECT YOUR FAMILY**

Because you can... Because you care

## UNDERSTANDING THE ROOTS OF 'ELECTRICAL POLLUTION'

**Until recently, people who suffer from electrical hypersensitivity could find little evidence for the cause of their symptoms, nor any means to relieve their discomfort. Symptoms ranged from chronic fatigue, depression and body aches to memory loss, insomnia and a host of other health concerns. However, recent research now shows that electrical pollution ('dirty electricity') is the cause of this problem for many people.**

Electrical pollution ('dirty electricity') is, in simple terms, 'noise' generated in and conducted by the electrical supply wiring system by common electrical devices, household appliances and power lines. This is a type of power characterised by higher frequencies (4kHz to 100kHz) that can have a negative impact upon our bodies.

Why our concerns over electrical pollution have not been addressed as readily as other forms of pollution – such as air, water or noise pollution – is understandable. Until now we haven't been able to measure the amount of harmful electrical pollution that exists in our homes, schools and workplaces. It is difficult to measure the harmful effects of something that is invisible and odourless, especially when it is something we assume to be perfectly safe.



### A new approach to an old problem

The notion of electrical pollution isn't new at all. What is new is the realisation that it may be affecting far more people than was previously recognised. Now with the STETZERIZER™ Filter (Graham-Stetzer Filter) and STETZERIZER™ Microsurge Meter you have the opportunity to protect yourself and your family against the ill effects of dirty electricity.

If you would like to learn more about STETZERIZER™ Filters and STETZERIZER™ Microsurge Meters please visit the Resources below. There is comprehensive information including a number of engineering and health-related research papers and success stories about the use of the Filters.

### Resources

[www.stetzerizer.eu](http://www.stetzerizer.eu)  
[www.ElectroMagneticHealth.org](http://www.ElectroMagneticHealth.org)  
[www.electricalpollution.com](http://www.electricalpollution.com)  
[www.neilcherry.com](http://www.neilcherry.com)  
[www.who.int/topics](http://www.who.int/topics)  
[www.icems.eu](http://www.icems.eu)  
[www.emrpolicy.org](http://www.emrpolicy.org)

*"I have no doubt in my mind that at the present time the greatest polluting element in the Earth's environment is the proliferation of the electromagnetic fields. I consider that to be far greater on a global scale than warming..."*

*(Robert O. Becker MD, Author of Cross Currents and the Body Electric)*



### Introducing the STETZERIZER™ Filter

GS Filters BV is pleased to introduce the European STETZERIZER™ Filter (Graham-Stetzer Filter) and the STETZERIZER™ Microsurge Meter. According to research, these two devices are highly likely to produce significant and positive changes to your health. Designed simply to plug into electrical outlets or power strips throughout your home, school or office, the STETZERIZER™ Filter effectively reduces high frequency pollutants from electrical wiring. When plugged into an available outlet the handheld STETZERIZER™ Microsurge Meter allows you to measure the effectiveness of your Filter set-up.

### How it works – an overview

The STETZERIZER™ Filter is actually based on 100 year-old electromagnetic theories applied and engineered for a modern application. Just as we protect our electronic equipment with surge suppressors, the STETZERIZER™ Filters are designed to reduce the amplitude of micro-surges on indoor wiring. They prove most effective within the 4kHz to 100kHz frequency range. By

reducing the intensity of these high frequency micro-surges the Filter effectively diminishes the amount of electrical pollution in your environment.

The STETZERIZER™ Filter fits into a normal home, school or office electrical outlet and has been CE approved as safe for home, school and office use. This unique product can be safely installed by anyone and, thanks to its straightforward functionality, has an extensive life-span.

“Electromagnetic fields and radiation damage DNA and enhance cell death rates and therefore they are a Ubiquitous Universal Genotoxic Carcinogen that enhances the rates of Cancer, Cardiac, Reproductive and Neurological disease and mortality in human populations. Therefore there is no safe threshold level. The only safe exposure level is zero, a position confirmed by dose-response trends in epidemiological studies.”

*(Dr. Neil Cherry (1946-2003), Lincoln University, New Zealand)*







## Health benefits

It must be made clear that STETZERIZER™ Filters do not profess to be a panacea for people who are affected or suffer from any of the health issues mentioned below. However, the research noted below does indicate that there has been substantial improvement in the quality of life of those people who are sensitive to excessive levels of electromagnetic radiation energy.

Symptoms of exposure to radio-frequency radiation (radio wave sickness) include:

- Neurological – headaches, nausea, lack of

concentration, irritability, fatigue, insomnia, muscle and joint pain, muscle spasms

- Cardiac – palpitations, arrhythmia, low or high blood pressure, shortness of breath
- Respiratory – sinusitis, bronchitis, pneumonia, asthma
- Dermatological – skin rash, itching, burning, facial flushing
- Ophthalmologic – pain or burning in eyes, pressure in or behind eyes, deteriorating vision, cataracts
- Others – digestive problems, dehydration, immune abnormalities, pain in teeth, impaired sense of smell

(from: “No Place to Hide”, by Arthur Firstenberg, April 2001)

Recent research has demonstrated the effectiveness of the STETZERIZER™ Filters specifically to:

- Reduce symptoms associated with electrical hypersensitivity resulting from dirty electricity<sup>1</sup> such as headaches, general weakness, dry eyes/mouth, facial flushing, asthma, skin irritations, overall mood including depression and anxiety
- Assist diabetics regulate blood sugar levels<sup>2</sup> and
- Reduce symptoms of Multiple Sclerosis<sup>3</sup>

According to a World Health Organisation Report up to 1 in 20 childhood leukaemia cases may be attributable to electromagnetic fields.

(World Health Organisation, June 2007)

“...as much as 50% of the population may be [electrically] hypersensitive”

(Dr. M. Havas, Trent University, Canada).

## Recommended usage

To help protect against the negative effects of dirty electricity it is recommended that the average European home install 15 STETZERIZER™ Filters.

To ensure optimum performance of the Filters the STETZERIZER™ Microsurge Meter is highly recommended to help monitor the effectiveness of the Filter arrangement. The Meter measures the amount of high frequency energy present. Please note that the sensitivity to the effects of dirty electricity varies from person to person. Experience has shown that additional Filters should definitely be added for Meter readings above 30. For readings above 20 more benefits are probable when additional Filters are added.

1 Havas, M. & Olstad, A. Power Quality Affects Teacher Wellbeing and Student Behavior in Three Minnesota Schools. *Sci Total Environ* (2008), doi: 10.1016/j.scitotenv.2008.04.046

2 Havas, M. (2008) Dirty Electricity Elevates Blood Sugar Among Electrically Sensitive Diabetes and May Explain Brittle Diabetes. *Electromagnetic Biology and Medicine*, 27:2, 135-146.

3 Havas, M. & Stetzer, D. (2004). Graham/Stetzer Filters Improve Power Quality in Homes and Schools, Reduce Blood Sugar Levels in Diabetes, Multiple Sclerosis Symptoms and Headaches. *Int. Scientific Conference on Childhood Leukaemia*, London, 6th – 10th September, 2004.



Depending on your locale, consultations may be available to measure the amount of electrical pollution in your home, school or office. Please contact your dealer for more information.

"The fact is, electrical pollution is as real as are its associated health effects. Similarly, the beneficial effects of the Graham-Stetzer Electric Filter... are genuine, just as the readings of the Graham-Stetzer meter... are appropriate for measuring electrical pollution."

*(Dr. B. Art Hughes (PhD Power Engineering))*



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