



ENAGIC (MALAYSIA) SDN BHD
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WATER

A WATER FILTRATION/IONIZER
MAGAZINE



SAFE DRINKING WATER

Drinking Water

BY WIKIPEDIA

According to Wikipedia, **drinking water**, also known as **potable water**, is water that is safe to drink or to use for food preparation. The amount of drinking water required to maintain good health varies, and depends on physical activity level, age, health-related issues, and environmental conditions. Americans, on average, drink one litre of water per day and 95% drink less than three litres per day. For those who work in a hot climate, up to 16 litres a day may be required. Liquid water, along with air pressure, nutrients, and solar energy, is essential for life.

"Unsafe water kills more people than war!"

FORMER SECRETARY-GENERAL
BAN KI-MOON (UNITED NATION)

Globally, by 2015, 89% of people had access to water from a source that is suitable for drinking – called improved water source. In Sub-Saharan Africa, access to potable water ranged from 40% to 80% of the population. Nearly 4.2 billion people worldwide had access to tap water, while another 2.4 billion had access to wells or public taps. The World Health Organization considers access to safe drinking-water a basic human right.

About 1 to 2 billion people lack safe drinking water, problem that causes 30,000 deaths each week.





Safe Drinking Water

BY WIKIPEDIA

According to the World Health Organization's 2017 report, safe drinking-water is water that "does not represent any significant risk to health over a lifetime of consumption, including different sensitivities that may occur between life stages".

A 'safely managed drinking water service' is "one located on premises, available when needed and free from contamination". By 2015, 5.2 billion people representing 71% of the global population used safely managed drinking water service.

The terms 'improved water source' and 'unimproved water source' were coined in 2002 as a drinking water monitoring tool by the JMP of UNICEF and WHO. The term, improved water source refers to "piped water on premises (piped household water connection located inside the user's dwelling, plot or yard), and other improved drinking water sources (public taps or standpipes, tube wells or boreholes, protected dug wells, protected springs, and rainwater collection)". Improved sources are also monitored based on whether water is available when needed (5.8 billion people), located on premises (5.4 billion), free from contamination (5.4 billion), and "within 30 minutes' round trip to collect water." While improved water sources such as protected piped water are more likely to provide safe and adequate water as they may prevent contact with human excreta, for example, this is not always the case. According to a 2014 study, approximately 25% of improved sources contained fecal contamination.

The SDC basic drinking water service is one in which a "round trip to collect water takes 30 minutes or less". Only Australia, New Zealand, North America and Europe have almost achieved universal basic drinking water services.





Importance of access to safe drinking water

BY WIKIPEDIA

According to the World Health Organization, "access to safe drinking-water is essential to health, a basic human right and a component of effective policy for health protection."

The amount of drinking water required is variable. It depends on physical activity, age, health, and environmental conditions. In a temperate climate under normal conditions, adequate water intake is about 2.7 litres (95 imp fl oz; 91 US fl oz) for adult women and 3.7 litres (130 imp fl oz; 130 US fl oz) for adult men. Physical exercise and heat exposure cause loss of water and therefore may induce thirst and greater water intake.

Water makes up about 60% of the body weight in men and 55% of weight in women. A baby is composed of about 70% to 80% water while the elderly are composed of around 45%.

The drinking water contribution to mineral nutrients intake is also unclear. Inorganic minerals generally enter surface water and ground water via storm water runoff or through the Earth's crust. Treatment processes also lead to the presence of some minerals. Examples include calcium, zinc, manganese, phosphate, fluoride and sodium compounds.

Water generated from the biochemical metabolism of nutrients provides a significant proportion of the daily water requirements for some arthropods and desert animals, but provides only a small fraction of a human's necessary intake. There are a variety of trace elements present in virtually all potable water, some of which play a role in metabolism. For example, sodium, potassium and chloride are common chemicals found in small quantities in most waters, and these elements play a role in body metabolism. Other elements such as fluoride, while beneficial in low concentrations, can cause dental problems and other issues when present at high levels.

Fluid balance is key. Profuse sweating can increase the need for electrolyte (salt) replacement. Water intoxication (which results in hyponatremia), the process of consuming too much water too quickly, can be fatal.

Benefits of drinking water

BY WIKIPEDIA

- Increases brain power and provides energy
- Maintains healthy digestive system
- Flush out TOXINS
- Improve your COMPLEXION
- Boosts IMMUNE SYSTEM
- Helps regulate your body temperature
- Helps maximize physical performance
- Prevents headaches & backaches
- Prevents bad breath
- Improve your heart health
- Promotes healthy weight management and weight loss





Kangen Water®

BY ENAGIC

Kangen Water® is delicious water created from Enagic's innovative water technology. Not only do these devices filter your tap water, but they also produce ionized alkaline and acidic waters through electrolysis. These waters can be used for various purposes, including drinking, cooking, beauty, and cleaning.

Kangen Water® pH is ranging from 8.5 to 9.5.

This type of water is perfect for drinking and healthy cooking. This electrolytically-reduced, hydrogen-rich water works to restore your body to a more alkaline state, which is optimal for good health.

Usage: drinking, food preparation, coffee and tea, soups and stews, and watering plants

Our machines are capable of producing different pH value ranging from 2.5 to 11.5 as such:

- Strong Kangen Water (pH 11)
- Clean Water (pH 7)
- Beauty Water (pH 4.0 to 6.0)
- Strong Acidic Water (pH 2.7)

For more information, kindly refer to:

www.enagic.com

www.enagic-my.com



Who we are?

BY ENAGIC

For over four decades, Enagic International has been the leader in manufacturing water-ionization systems that transform regular tap water into pure, healthy, electrolytically-reduced and hydrogen-rich drinking water.

Enagic's Kangen Water® systems enhance nature's most vital life-source using the latest scientific research and technology, merged with superior Japanese craftsmanship.

Enagic International is the only water filtration and alkaline-ionizer distribution company in the world with its own OEM manufacturing facility in Japan and ISO certified quality control processes. All employees must master high-level technological knowledge and proficiency throughout the entire process, including development, production, supply, and service.

Our machines are individually assembled by artisans and then inspected, tested, and certified by highly-trained QC engineers.



Certifications

(International credentials for safe drinking water)

BY ENAGIC

ISO is the world's leading Management System Standard Globally adopted in virtually all industries.

Enagic International is certified to; **ISO 9001** and **ISO 14001** for quality control and environmental management, the **Water Quality Association Gold Seal** for product certification, and a member in good standing of the prestigious **Direct Selling Association**.

Our **ISO 9001** certification means that our quality management system has been audited and reviewed by an official registrar to ensure that our systems are focused on meeting customer's expectations through certified procedures and a continual improvement process. We never waiver in our commitment to provide products that contribute to improved health and to the global environment, coupled with best-in-class quality and customer service.

ISO 14001 is the world's most recognized environmental standard. Our certification to this standard ensures that we've mapped out a framework for environmental management with the best practices to help minimize our environmental footprint. Specifically, we work to secure materials with a low environmental load, to reduce, reuse and recycle waste, and to conserve natural resources and achieve energy-efficiency in order to prevent global warming. Our team observes all laws, regulations and standards with regard to the environment and safety. Our employees are thoroughly trained to raise their awareness of environmental and safety issues for the prevention of environmental and work-related accidents. All practices and procedures have been certified by an official registrar.

The **Water Quality Association (WQA)** is a not-for-profit international trade association representing the residential, commercial and industrial water treatment industry. WQA maintains a close dialogue with other organizations representing different aspects of the water industry in order to best serve consumers, government officials, and industry members.

WQA Official Gold Seal Listing program is dedicated to providing public health and safety services throughout the USA and globally, while maintaining expert service, superior reputation, and fair pricing. Product Certification ensures that our product is constructed from safe materials, the claims listed on the packaging are backed by test data, and our product will hold up under normal usage conditions.

Water Safety - Enagic USA is committed to the highest safety standards in all aspects of manufacturing, distribution and servicing. As such, we are sensitive to the worry over possible contamination as a result of the 2011 Japan earthquake. Please rest assured ALL Enagic products are completely free of radiation and are completely safe for use.





Certifications

(Local credentials for safe drinking water)

BY ENAGIC

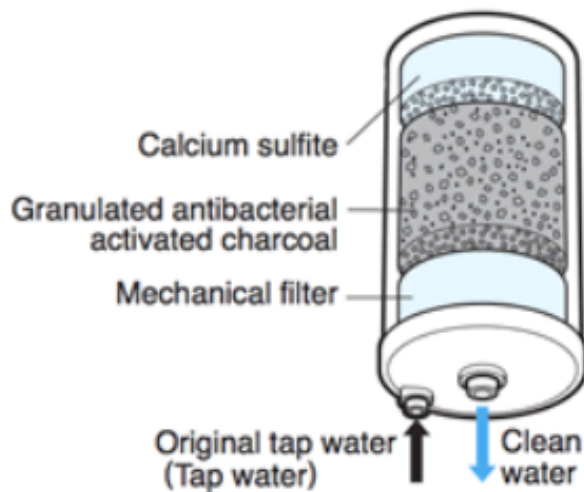
Enagic (Malaysia) Sdn Bhd is committed to ensure all of our machines are safe to be used and water produced safe to be consumed by adhering to all requirements and regulations set by the government of Malaysia.

Enagic (Malaysia) Sdn Bhd is certified to; **import, display, sell** and **advertise** our machines for complying to standards set by the **Energy Commission of Malaysia**, the **SIRIM QAS International** for product certification license, **Kangen Water** produced by our machine comply the **National Standard for Drinking Water Quality**, Ministry of Health Malaysia, and a member in good standing of the prestigious **Direct Selling Association of Malaysia**.

Certificate of Approval (Energy Commission) is one of the certification that need to be obtained from the local government. Energy Commission has set certain standards as to protect the industry, consumers and public from dangers arising from the generation, transmission, distribution, supply and use of electricity and the distribution, supply. By obtaining such certification, Enagic products are certified as safe to be used by consumers and public.

SIRIM QAS International signifies that our products are not just certified by standard sets by the local government but as well as international standards. With **SIRIM QAS International**, customers enjoy all the benefits of a recognized world class certification, inspection and testing body, including: A one-stop solutions provider for all their testing, inspection and certification needs. Greater market acceptance of products in Malaysia and abroad.

The **National Standard for Drinking Water Quality**, Ministry of Health Malaysia is a national standard which determine whether water is safe to be consumed and/or to be used domestically. The drinking water produced by our machines comply to such standard thus, the public is now have the confidence to use our machines with ease.



Filters

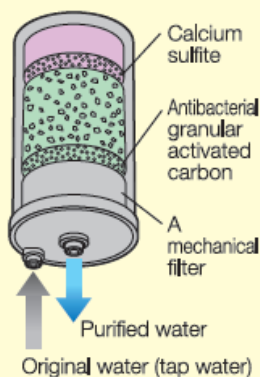
BY ENAGIC

The three-layered, high-powered water-cleaning filter creating delicious water

The three-layered, high-powered water-cleaning filter creating delicious water

You will be able to use your water-cleaning filter until the total amount of water the filter has treated reaches around 1,600 gallons. That is to say, you can use it for six months supposing you use around 8 gallons of water per day. (This period differs depending on the quality and amount of water). It will be announced by the LCD, voice prompts, and alarm when it is time to exchange the filter.

The three-layered, high-powered water-cleaning filter removes matters such as lead, remaining chlorine (bleaching powder), effluvium, rust, and impurity, and still keeps minerals.



Type of Filters



FILTER FC1 Deluxe

designed especially for LeveLuk series manufactured after 2011.

Enagic (Malaysia) Sdn Bhd has recently conducted a test for the chemical analysis for **(1) residual chlorine, (2) chemicals, (3) pesticides and (4) other substances** after filtering with our new FC1 Deluxe Filter. According to the SGS Test Report, **more than 98% of the tests** for the aforementioned chemical analysis were **negative (Non-Detected)**.

You may download **SGS Test Report HNSA230804827-AG29095 (Filtration with FC1 Deluxe Filter)** from our website; www.enagic-my.com.



FILTER HIGH GRADE (OLD)

designed especially for LeveLuk series manufactured before 2011 and LeveLuk SUPER501.

Importance of changing filters regularly!

Enagic (Malaysia) Sdn Bhd encourages you to change your filter regularly, **after 6,000 liters** of water produced. It will take roughly every 6 months, *depending on water usage*. Changing your filters regularly, as recommended by Enagic will ensure your LeveLuk machine produces good quality water with high ORP value and desired pH value.

The filter quality will drop significantly after it has passed its lifespan. The filter may get clogged and it will have drastic impacts on your machine.

In addition, the water produced may contain chlorine & substances that make it less suitable for drinking. It can become a huge source of bacteria, mold and other dangerous pollutants. These pollutants can cause adverse health issues when consumed.

It is your crucial to ensure your Leveluk machine is performing at its optimal capacity and to maintain a healthy and good water quality.



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