



Water System

—BY LÖSUNG

CALL US NOW

78-887987

WATER FILTER

REPLACEMENT FILTERS & ACCESSORIES

WATER FILTER SERVICE



AFFORDABLE & INNOVATIVE
water filtration system that provides pure, clean & healthy
water for you and your family

WELL & MUNICIPALITY

UV

TREAT CALCIUM

WELL & MUNICIPALITY



SPACE <180m²



TREAT CALCIUM



DRINKING SYSTEM





CHOOSE A
SYSTEM





SCHEDULE
INSTALLATION



ONE LOW
MONTHLY CHARGE

















PRINCIPLES OF HOME FILTRATION SYSTEM

- No one system will remove all water contaminants.
-  should have your water tested.
- No matter which water filtering system you choose, you need to maintain it.
- If you do not maintain your filter system, contaminants will build up in the filter and make the water quality worse.
- As a valued member of  you are covered by our VIP replacement program.
- Call **78-887987** for a free consultation or visit our show room.

HEY!

What's your ^{water} problem ?!

Symptom	Cause	Effect	Treatments
Tastes like pool water. My plants are growing poorly.	CHLORINE 	dry eyes eczema bad tasting food eye/nose irritation stomach discomfort skin irritation	GANULAR ACTIVATED CARBON 
I get sick regularly. Young, elderly, immune compromised get sick regularly. Smells like mold.	BACTERIA, CYSTS, & VIRUSES 	gastrointestinal illness flu-like symptoms (young, old, immune compromised)	ULTRAVIOLET LIGHT 
Causes scum & build up on fixtures. My pressure is lower than usual.	HARD WATER 	there appears to be no convincing evidence that water hardness causes adverse health effects in human	 LÖ-SOFT
My water is cloudy, milky, foggy	SEDIMENT 	there are few health concerns, but it is a nuisance that creates problems through out the home	 LÖ-Micro-Z
My water is cloudy, milky, foggy, and/or doesn't become clear.	TURBIDITY 	there are few health concerns, but it is a nuisance that creates problems through out the home	GANULAR ACTIVATED CARBON 
Tastes metallic. Causes rust-colored stains.	Iron & MANGANESE 	health risk to central nervous system	 LÖ-TALOX
My water has a bad taste, odor, and/or causes skin irritation.	CHLORAMINE 	eye/nose irritation stomach discomfort anemia	GANULAR ACTIVATED CARBON 

CUSTOMIZE YOUR OWN SYSTEM

TOTAL SOLUTION

1
CHLORINE & ODOR FREE
التلوث الكيماوي والكلور

Protect your family from exposure to unpleasant chlorine, chloramines, chemicals and odors at every outlet.

DRINKING WATER
مياه صحية وطعمية أكثر من طبيعية

4
Get unlimited healthy & delicious drinking water at home excellent for cooking, making soups, coffee & tea brewing, crystal-clear ice cubes and much more.

2
SALT-FREE SOFTNER
منع التكلس

3
SEDIMENT FREE
الوحول والرواسب

5
IRON FREE
استيعاب الحديد، منغنيز، والسلفيد
Protect your home from the effect of the iron, manganese, sulfide on your health



GENERAL WHOLE HOUSE FILTRATION SYSTEMS

NO ELECTRICITY

NO WATER WASTE

WHOLE HOUSE CARBON FILTER
Reduce chlorine, water soluble heavy metals, and scale and inhibits bacteria and algae growth. reduce herbicides, pesticides and other chemical compounds that may be present.

OPTIONAL
SALT-FREE SOFTENER
Prevents calcium & minerals from binding and forming scale build-up reducing scale by up to 99.6%

OPTIONAL
UV
Kill bacteria & virus



WHOLE HOUSE CARBON FILTER

Will protect you from . . .



CHLORINE



HARMFUL CONTAMINANTS



CHEMICAL SOLVENTS



ODORS & TASTES



METALS



TURBIDITY



NO ELECTRICITY
REQUIRED



PURE WATER



NO WASTE
WATER



ELIMINATE
BOTTLED WATER



MAINTENANCE
FREE



SAVE YOUR
MONEY



FULL SYSTEM CERTIFIED TO REMOVE

97% OF CHLORINE

for up to **1,500,000 L** or **5** years.



WHOLE HOUSE FILTER

WHOLE HEALTH

ULTRA DELICIOUS

Get clean, great-tasting water without:

- Heavy metals like lead and mercury
- Organic chemicals like herbicides, pesticides and VOCs
- Industrial solvents and more

Keep healthy minerals:



Potassium



Calcium



Magnesium



BETTER COOKING

Coffee, tea, ice smells & tastes better



WHOLE HEALTH

HEALTHIER SKIN AND HAIR

Reduce your body's exposure to harsh chlorine and synthetic chemicals that can cause damage and excessive drying.

Bathe yourself in filtered water for noticeable healthier, more moisturized skin and hair.



SMARTER DESIGN

Customize your system the way you want.





Stained Fixtures
(toilets, sinks, tubs, showers)



Reddish-brown stains appearing
on your towels and laundry



Disagreeable or
metallic taste

Sounds like you may have **Iron** in your water.



How does it
get in there?

DID YOU KNOW?

Iron is most
commonly found
when **well water**
is the source.



In the forms of ...

Dissolved Iron

a.k.a. Ferrous Iron

Most common type of iron
in private well supplies

Particulate Iron

a.k.a. Ferrous Iron

Filterable Iron

Rust particles are large enough
to be removed by a filter

Colloidal iron

Rust particles are very small and must be
removed using different methods.

Organic Bound Iron

Strongly attached to an organic
compound (i.e., tannin in water).

Iron Bacteria

A "ride-along" with iron

Not a specific type of iron, but
frequently thrives in iron-bearing water.



Water may be clear initially,
but when exposed to the air
it gradually turns cloudy or
colored.



Forms an orange-brown stain
or solid residue (scale).



Most often causes water to
turn a yellow or yellow
brownish color.



Forms reddish-brown growths
that may clog pipes and
reduce water flow.

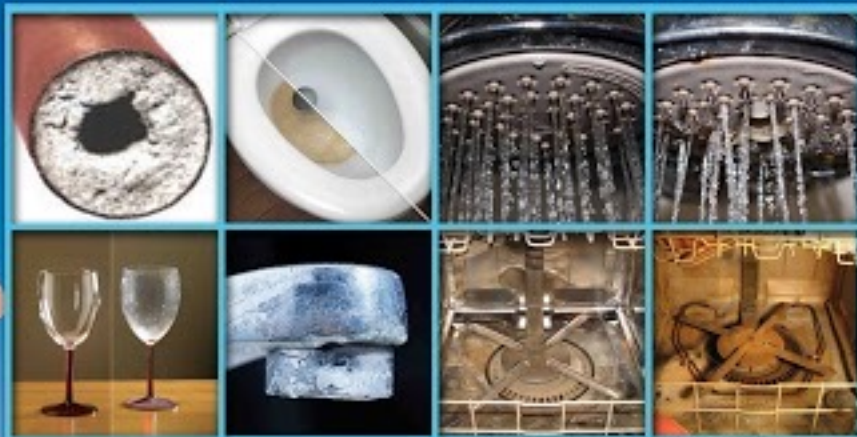


The Magic

Anti-scale system



NSF Certified media
NAC media certified
by NSF to Standard 61



مانع التكلس

Made in Germany

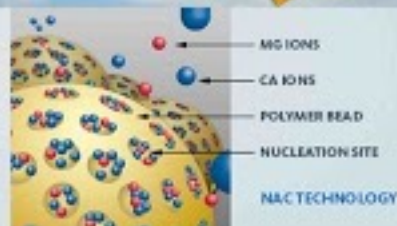


New technology in Lebanon

Minerals will never bind together anymore

Healthy minerals kept in the water

LÖ-SOFT reduces scales formation



PURE PERFORMANCE

LÖ-SOFT SALT-FREE WATER SOFTNER

TIRED OF HARD WATER AND SCALE?

LÖ-SOFT uses proven salt-free NAC technology to prevent scale formation and protect pipes and plumbing from corrosion.

BETTER THAN JUST A SOFTENER

LÖ-SOFT won't demineralize your water by chemically removing minerals nor will it put excess salt waste or chemicals into your water or our environment.

AFTER 21 DAYS
NOT PROTECTED



AFTER 21 DAYS
PROTECTED BY LÖ-SOFT



INDEPENDENTLY TESTED AND
PROVEN TO REDUCE SCALE BY

99.6%



NSF CERTIFIED MEDIA TO REDUCE

99.6% OF SCALING

FOR UP TO 5 YEARS



WHOLE HOUSE
SCALING FREE

HOW IT WORKS



NSF Certified media
NAC media certified
by NSF to Standard 61

UP TO 5 YEAR LIFE
3 YEAR WARRANTY



LÖ-SOFT Working Principle

The following equation describes the reaction that occurs inside the pressure vessel when flow over grains of nucleation.



In the pressure vessel, the equilibrium of carbonate species in water is changed, assisted by the driving force of stable crystal formation and therefore the reaction is pushed to the right \rightarrow .

With this technology, as long as CO_2 is being removed the soluble $\text{Ca}(\text{HCO}_3)_2$ converts into insoluble calcium carbonate (CaCO_3) crystals. The calcium carbonate crystals grow steadily. They are very stable and cannot dissolve (incapable of forming scale) in the water.

	LÖ-SOFT Technology	Old Technology
Keep beneficial minerals	✓ Yes	✗ No
Requires no electricity	✓ Yes	✗ Required
Zero wasted water	✓ Yes	✗ 6,200 gallons / year Wasted
Requires no drain	✓ Yes	✗ Drain Required
Eliminates monthly maintenance	✓ Yes	✗ Required (add salt)
Salt free	✓ Yes	✗ No
Eliminates slimy feeling	✓ Yes	✗ No
Yearly operating cost(\$)	✓ \$0 / Year	✗ \$250-\$400 / year
Requires no RO system	✓ Yes	✗ Required (\$250-\$400 cost)
RO operation cost(\$)	✓ None	✗ \$100-\$200 / year

PURE PERFORMANCE

OPTIONAL LÖ-SOFT SALT-FREE WATER SOFTENER

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AFTER 21 DAYS
PROTECTED BY LÖ-SOFT



INDEPENDENTLY TESTED AND
PROVEN TO REDUCE SCALE BY **99.6%**



PURE PERFORMANCE

POWERFUL UV FILTRATION KILLS

99.99%

OF VIRUSES, BACTERIA LIKE E. COLI,
AND CHLORINE RESISTANT CYSTS LIKE
CRYPTOSPORIDIUM AND GIARDIA

OPTIONAL UV LIGHT FILTRATION

Total home protection to safeguard against
bacteria and viruses that may be present
in your water.



NO ELECTRICITY

NO WATER WASTE

WHOLE HOUSE CARBON FILTER

Reduce **chlorine**, water soluble
heavy metals, and scale and
inhibits bacteria and algae growth.
reduce herbicides, pesticides and
other chemical compounds that
may be present.



OPTIONAL SALT-FREE SOFTENER

Prevents **calcium** & minerals
from binding and forming
scale build-up reducing
scale by up to 99.6%



INSTALL KIT GUIDE

City Water Systems



Well Water Systems





NSF

TALOX LIGHT

استيعاب الحديد،
منغائز، والسلفيد

Filters :

- Down to 3 micron
- Suspended solids
- Sediments
- Turbidity
- Organics
- Color
- Odor

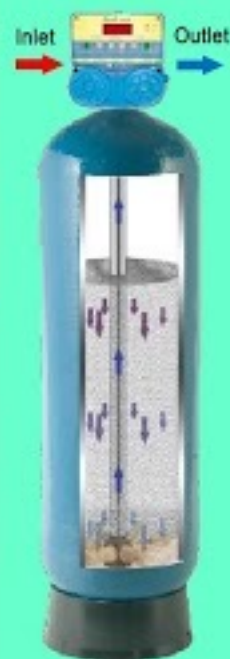
TWO

•Filtration
•Removal

in ONE

Removal of :

- Iron
- Manganese
- Hydrogen sulfide
- Arsenic
- Radium
- Heavy Metals
- Radionuclide



SMALL SPACE <180m²



NO WASTE
WATER



NO ELECTRICITY
REQUIRED



SMALL APARTMENT SERIES

BASIC FILTRATION SYSTEMS

- Multi-housing systems include wall-mounting bracket and hardware
- Available with small or large capacity big blue housing
- All system are ready completely pre-assembled, saving valuable installation time.

Small apartment Filtration Systems consist of either one or two or three filter housings, which are mounted in series with or without a UV system.

All filter housings are manufactured of a durable polypropylene, have excellent chemical resistance and are ideal for many residential, commercial and industrial applications.



Combination with UV light

20" flexible combo

- Sediment
- Carbon
- Treat calcium



20" sediment carbon combo

10" sediment carbon combo



Water System
— BY LÖSUNG

CALL US NOW

78-887987

AVOID BOIL WATER ALERTS



- NSF 55 Class B Certified
- Destroys 99.9% of Harmful Microorganisms
- E. Coli, Cryptosporidium and Giardias
- Does Not Affect Taste, Color & Odor of Water
- Best Warranty on the Market

UV SYSTEMS

KILL 99.9% OF **VIRUSES** AND **BACTERIA**



Different source, different risk

Well Water

If your water is from a private well, it's easy to understand how fertilizer run-off, failing septic systems and animal waste can create well contamination that is both unpredictable and intermittent. Your water could test "absent" for bacteria one day and then the next day, fail a bacteria test! Sometimes illness is blamed on a bug or contaminated food, when in reality, the sickness was from contaminated water that was ingested or even water used to wash the food.

Ultraviolet technology is the simple and safe solution for well water bacterial problems.

Surface Water

Water that is from lakes, ponds and streams is often contaminated with animal waste, a byproduct of which is *Cryptosporidium* and *Giardia* parasites. This is not an isolated occurrence, but is a serious threat to public health, wherever you live. These parasites are not easily killed by chlorination, but are quickly eradicated by ultraviolet energy.

Ultraviolet technology is the simple and safe solution for surface water bacterial problems.

City Water

Most communities get their water from aging water distribution infrastructures that are as much as 200 years old. *Cryptosporidium* and *Giardia*, which can be present in water supplies from all sources, and are extremely difficult to eradicate using chlorine disinfection, which requires a concentration of approximately 25 times that found in a public swimming pool.

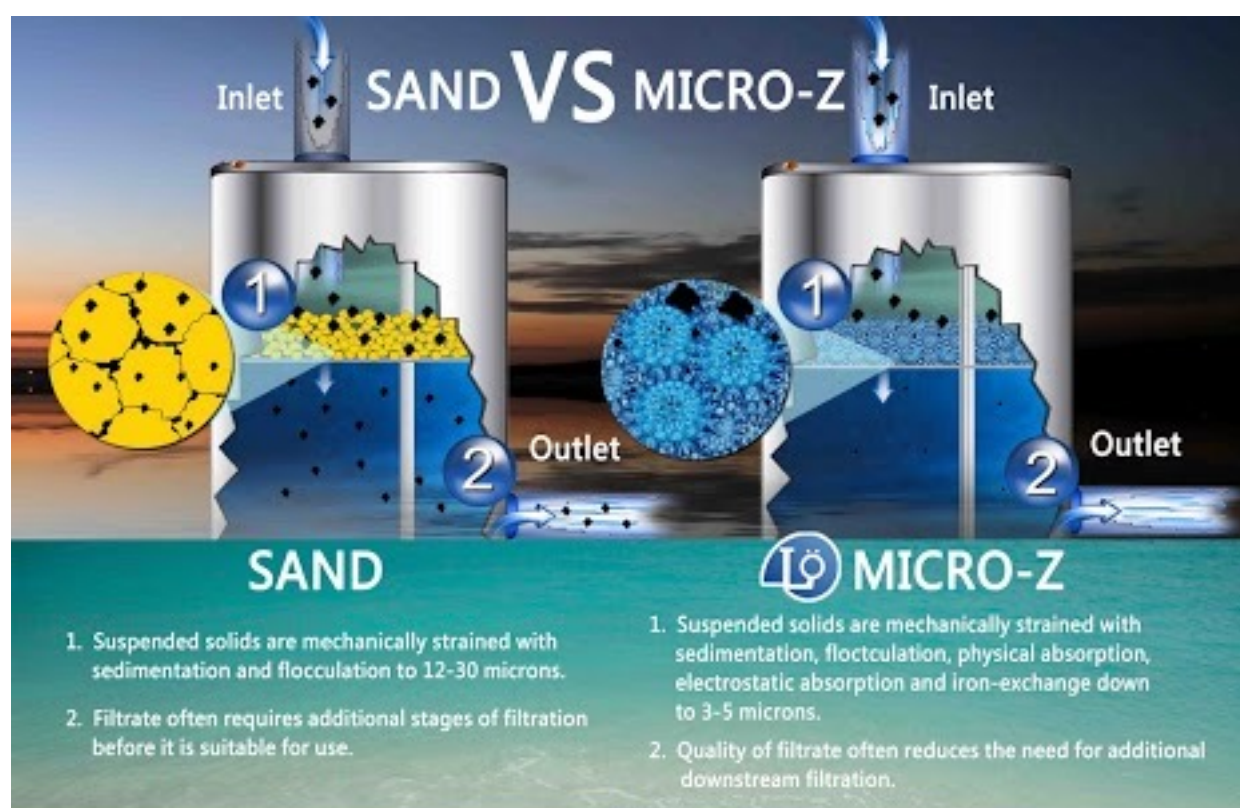
Ultraviolet technology is the simple and safe solution for city water bacterial problems.

تكرير الوحول والرواسب

 **MICRO-Z**
SEDIMENT FILTRATION SYSTEM



**When
you need
Excellent
Water**



The Science MICRO-Z Vs. The Competition



PROCESS	MICRO-Z	COMPETITION
A. Mechanical Straining	✓	✓
B. Sedimentation	✓	✓
C. Flocculation	✓	✓
D. Physical Absorption	✓	
E. Electrostatic Absorption	✓	
F. Ion-Exchange	✓	

The Benefit

Hyper Filtration Efficiency

With filtration efficiency in the 3-5 micron range, MICRO-Z's enhanced performance results in down stream cost savings for chemicals, filter cartridges, membrane cleaning, membrane life, etc.

Higher Flow Rates

With normal service flow rate up to 15gpm/ft² in pressure filters, MICRO-Z allows significant savings in initial equipment costs when compared to traditional Medias, MICRO-Z allows for peak flow rates up to 20gpm/ft² MICRO-Z

Superior Water Clarity

Traditional sediment filtration media rely on mechanical straining to remove suspended solids for turbidity reduction. MICRO-Z filtration media incorporates straining as well as iron exchange, sedimentation and flocculation to produce crystal clear water down to < 0.1 NTU of turbidity.

Water Saving

The loading capacity of MICRO-Z media is up to 1.5 times greater than multi-media and up to 2.8 times greater than sand filters. This results in longer run times with less frequent backwashing, resulting in significant water saving.

Lightweight Media

Weighting 50-70% less than traditional medias, using MICRO-Z will result in substantial freight saving.