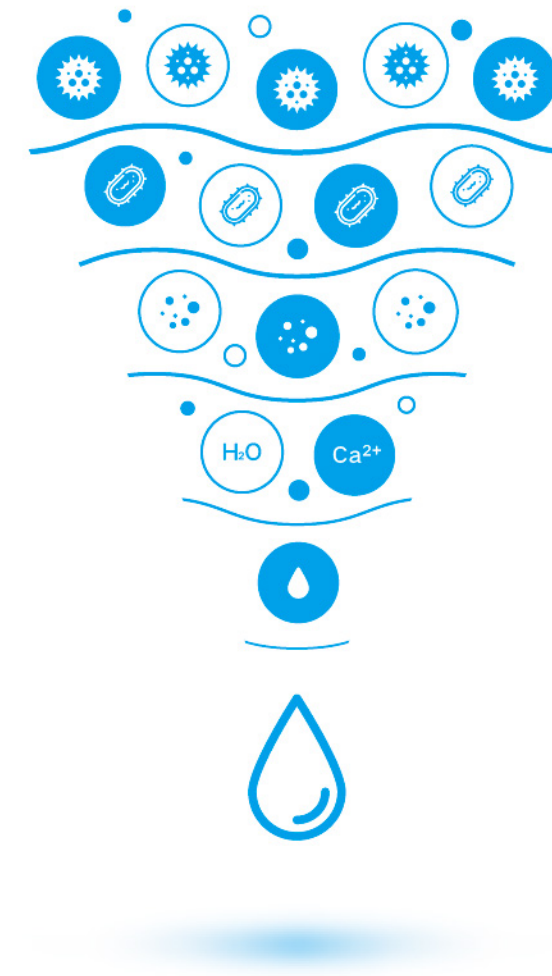


LESSO



LESSO

GUANGDONG LESSO HOME BUILDING MATERIAL CO., LTD.

Holding Subsidiary of China Lesso (Stock Code: 2128.HK)

Address: East Dengdong Road,
Longjiang Community Resident Committee, Longjiang Town,
Shunde District, Foshan, Guangdong
Service Hotline: 400-166-2128



*The company reserves the right to interpret this document without prior notice if any change is required.
*All patterns and colors of the products depicted in this document are subject to the appearance of the actual physical products themselves.
*Reposting or reprinting the product information in this document without the consent of Lesso is prohibited.

All rights reserved Date of publication: June 2018

LESSO | WATER PURIFIER

LESSO WATER PURIFIER
FOR THE PURE WATER



Explore the beauty of life
Start the purity life



CONTENTS

Water And Health	03
About LESSO Water Purifier	07
Seven Quality Advantages	11
Reverse Osmosis Water Purifier	17
Ultrafiltration Water Purifier	23
Direct Drinking Machine	27
Water Softener	29
Water Pre-Filter	31
More Water Purifiers	33

Clean and Healthy Water For Family Happiness

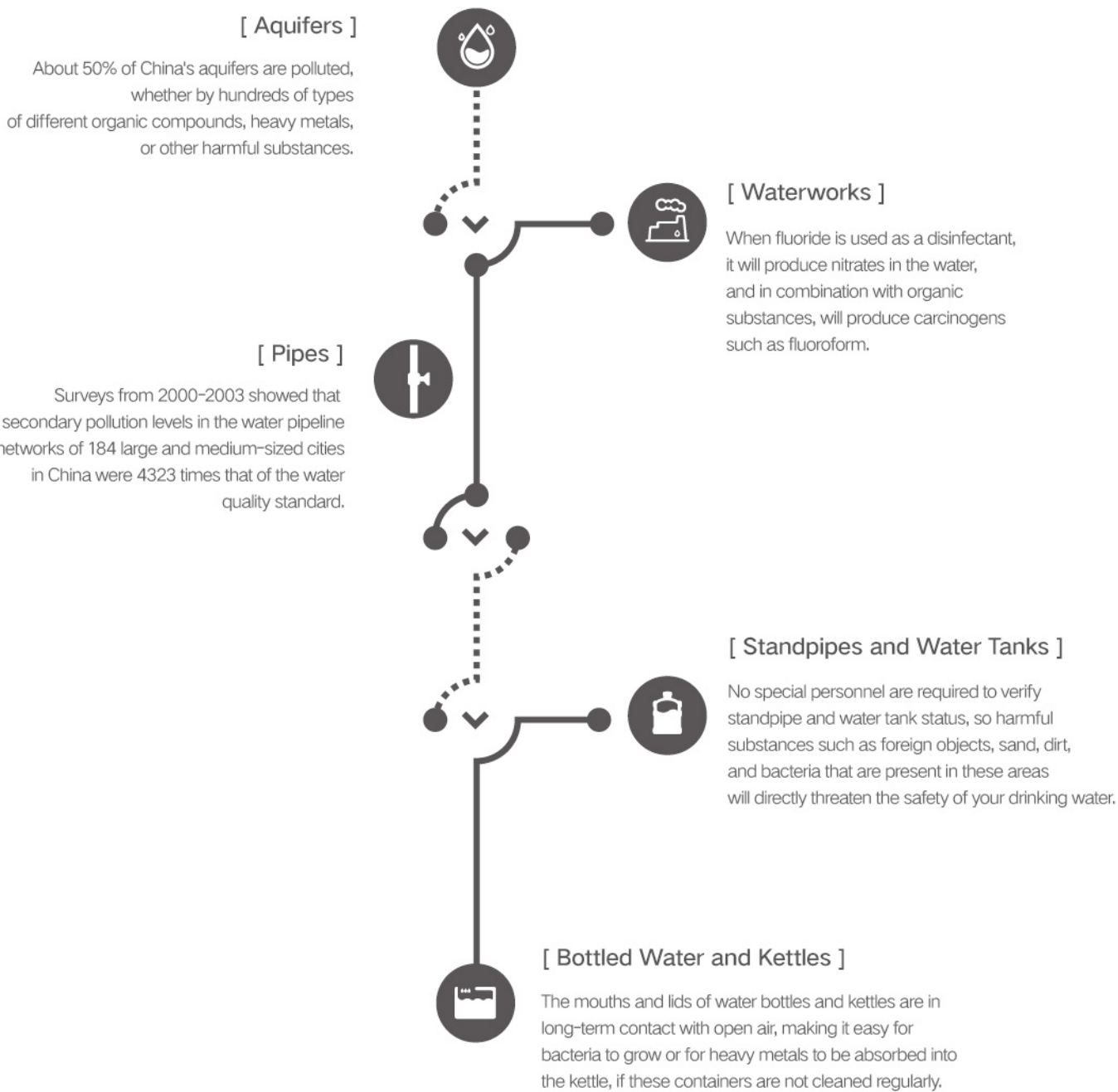


As the basic element for human health,
and main cleaning agent and transportation system of the body,
water endures that nutrients are delivered throughout the body,
and that waste is removed.
Healthy and impurity-free water is free of electrolytes and pollutants,
and dissolves nutrients and waste faster than saturated water,
ensuring that the process of nourishing and cleansing
the body's tissues occurs even faster,
accelerating cellular metabolism, promoting health,
and adding an extra layer of protection for your family.

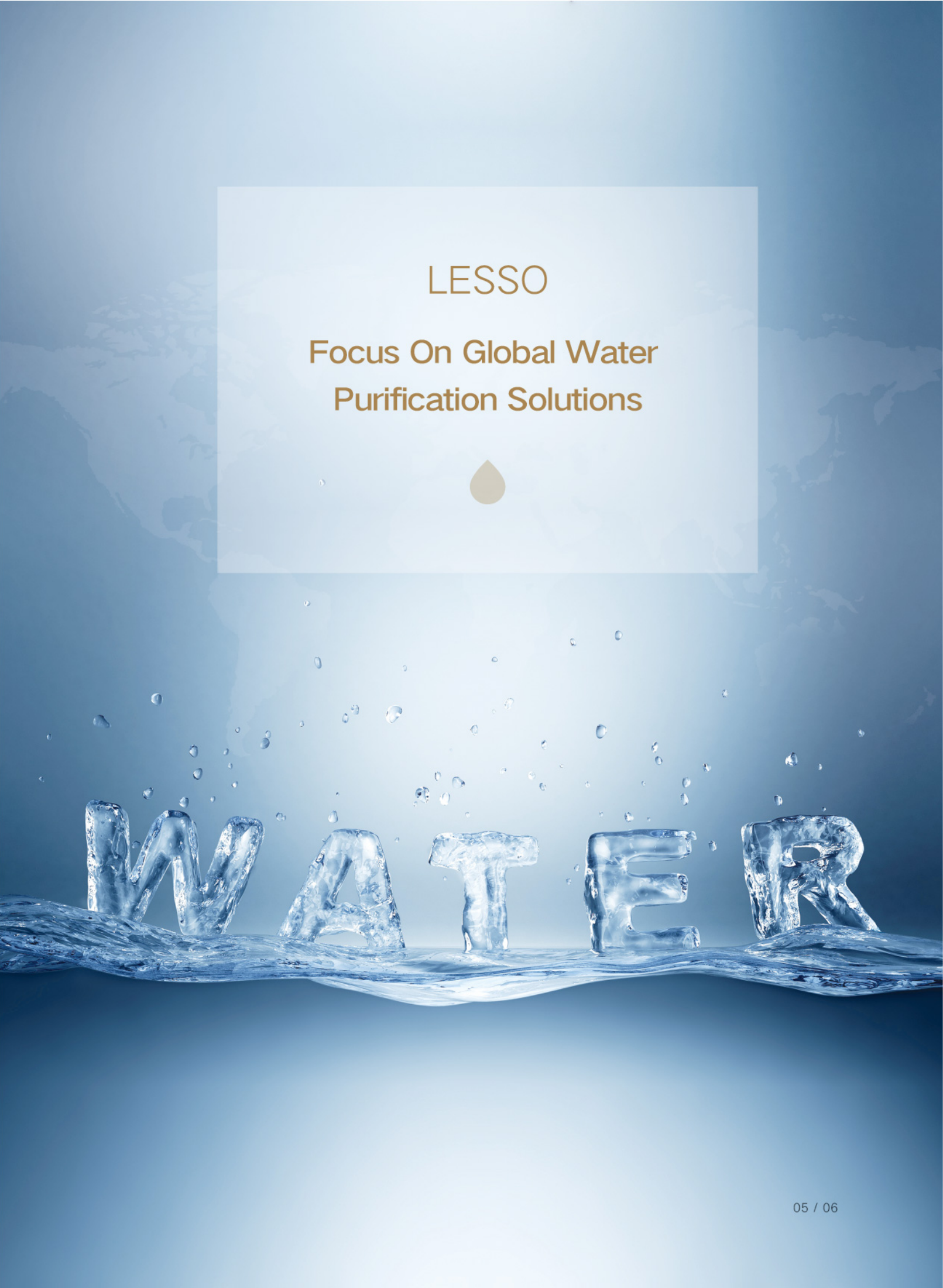


Family's Health Begins From The Drinking Water

△ Could you really drink water of this quality below?



Pollution Process of Household Water



△ Lesso Water Purifier

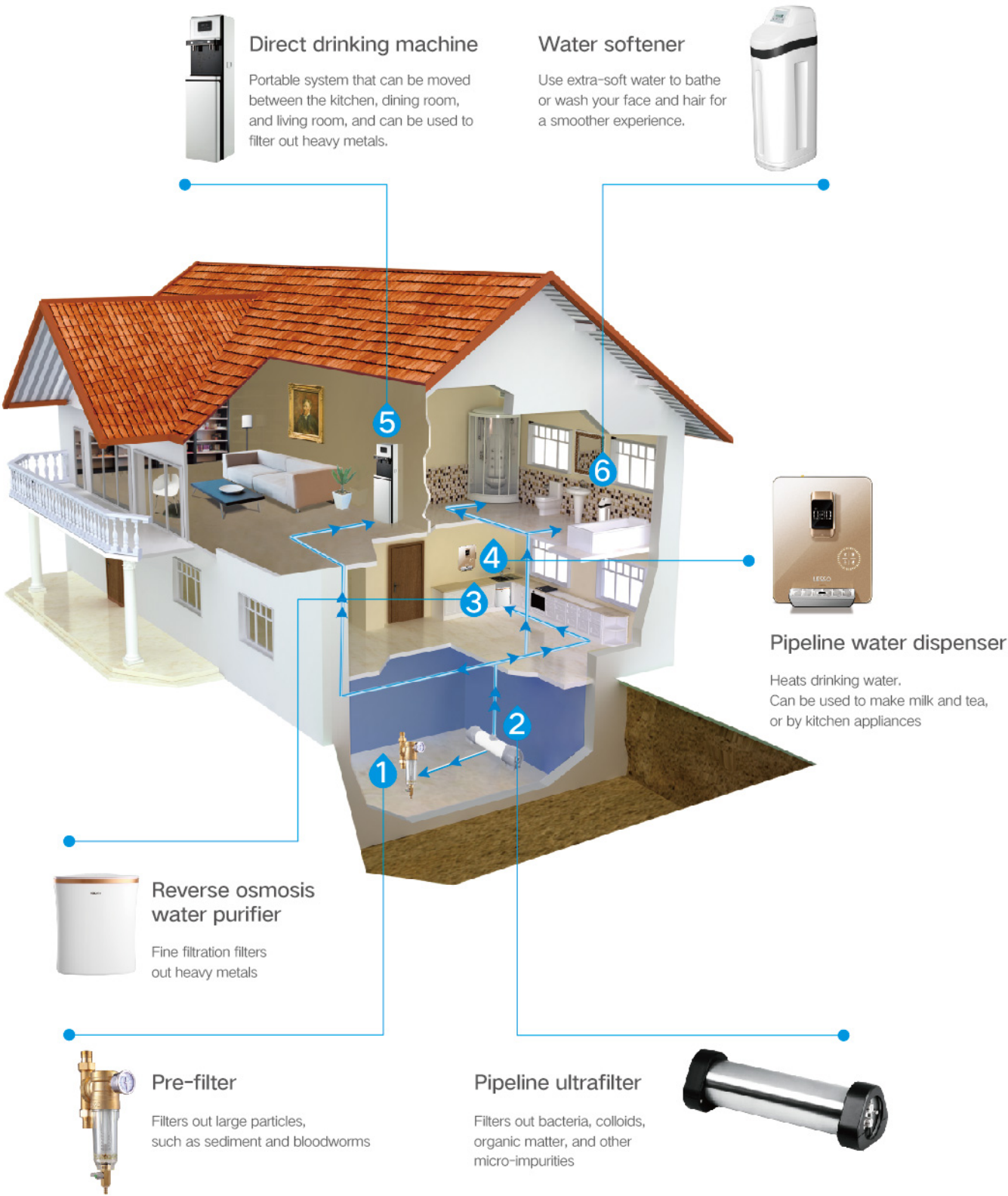
Provide High-quality Water Purification Solutions

Lesso water purifiers are one of the key product lines of China Lesso Group Holdings Limited. (Stock code: 2128.HK), and our Water Purification Project Department is responsible for both product operation and management. Lesso water purifiers come in a variety of styles and forms, such as pre-filters, faucet water purifiers, portable water purifiers, ultrafiltration water purifiers, reverse osmosis water purifiers, water softeners, commercial/office water purifiers. These can be used in homes and apartments as well as in workplaces and other settings.

Lesso water purifier, a professional provider of water purification solutions for all needs, is able to offer water purification solutions for both home and office, and to provide our customers with healthy, high-quality drinking that fits their needs and environmental standards.



△ The Lesso Whole-house Purification System



LESSO WATER PURIFIER

Reverse Osmosis
Makes Drinking
Healthy Water At Ease



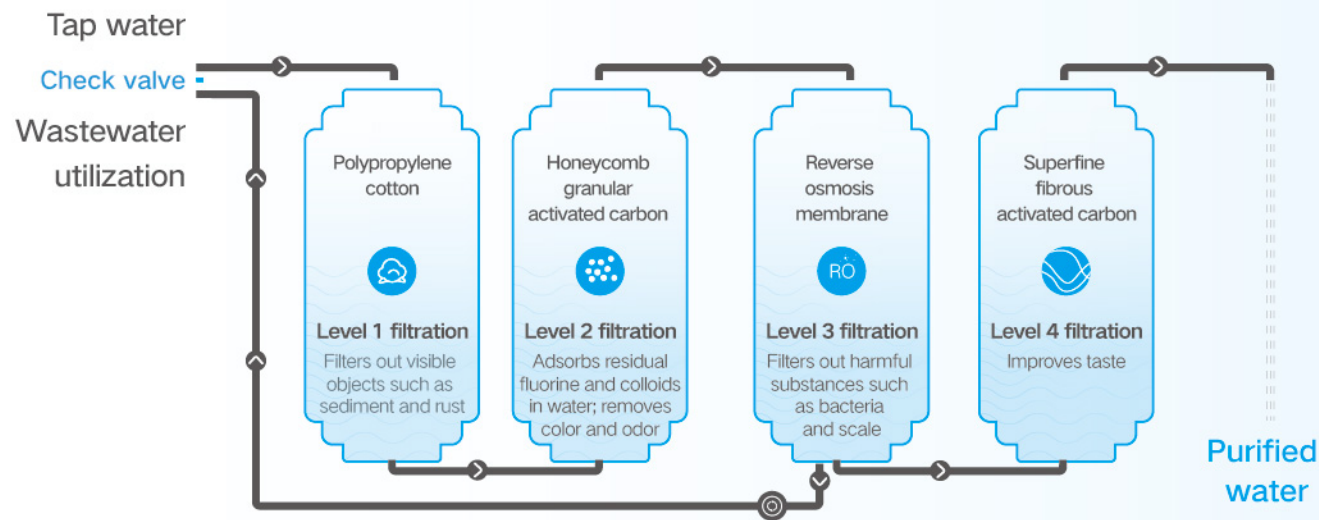
Enjoy Clean And Healthy Drinking Water By Virtue Of 7 Features

◊ Reverse Osmosis Water-saving System

Water-saving and eco-friendly processing system technique

First, the Lesso circulating reverse osmosis water-saving system filters concentrated water through a reserve osmosis membrane, rendering it cleaner than tap water, then returns the water to its storage container and mixes it with unprocessed water, thus increasing the pressure of concentrated water in the storage tank and intelligently controlling both the pressure of both the unprocessed and concentrated water. This mixed water is partly used as an input into the filtration system, and partly used directly for household purposes, thereby achieving multi-purpose utilization.

In general, the ratio between purified water and unprocessed water of RO water purifiers in market is 1:3, which wastes a great deal of water resources and increases the cost of water from utilities. However, the Lesso water purifier's circulatory water-saving system effectively uses concentrated water to reduce the consumption and waste of water resources.

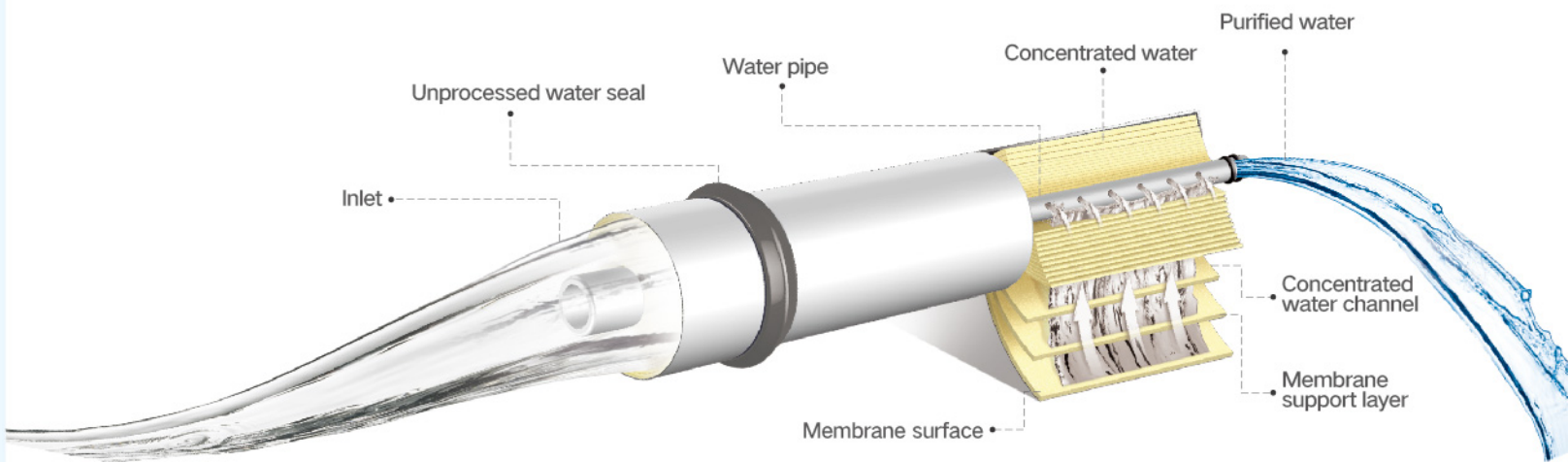




* Compared with traditional reverse osmosis water purifiers, the circulating water-saving technology can save over 75% of water.

◊ Imported American reverse osmosis membranes

The desalination rate and permeable salt rate are the two of the most important indicators for measuring the performance of reverse osmosis (RO) membranes. The RO membranes used in Lesso water purifiers have been imported from the United States and feature a desalination rate (ability to remove impurities containing of anions and cations) of 96%-99%, as well as an extremely fine degree of filtration, which can effectively intercept heavy metals, residual pesticides, chemical pollutants, and other contaminants. This makes a for significantly improved water quality compared with unfiltered drinking water.

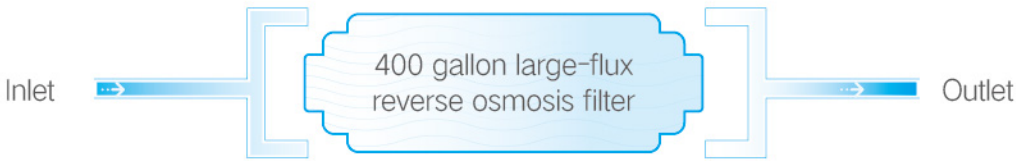
Parts of the RO filter element



Water Purifier	Lesso Reverse Osmosis Water Purifier	Other Reverse Osmosis Water Purifiers
Product picture		
RO filter membrane	RO osmosis membrane imported from the US	Ordinary film
Desalination rate of membrane	Over 96%	90%
RO membrane stability	Stable performance over long-term use	Impurity filtering becomes unreliable over long-term use
Aperture size of RO membrane	Even apertures of 0.0001μm	Uneven apertures of >0.0001μm
Polypropylene cotton	T-type gradual PP cotton, 5-10μ, filter layer by layer	Ordinary polypropylene cotton
Activated carbon	Imported activated coconut carbon; even distribution of 1.5 mm	Common activated coconut carbon; uneven distribution of 1-5 mm
Water conservation	Water utilization rate at 100%; saves-water, is eco-friendly	The waste ratio of water is between 1:3 or 1:2 (pure water: unfiltered water)

Instant filtration and drinking for health

Large-flux reverse osmosis filter, super large water-production without the need for bulky storage; instant filtration and drinking always keeps your water fresh.

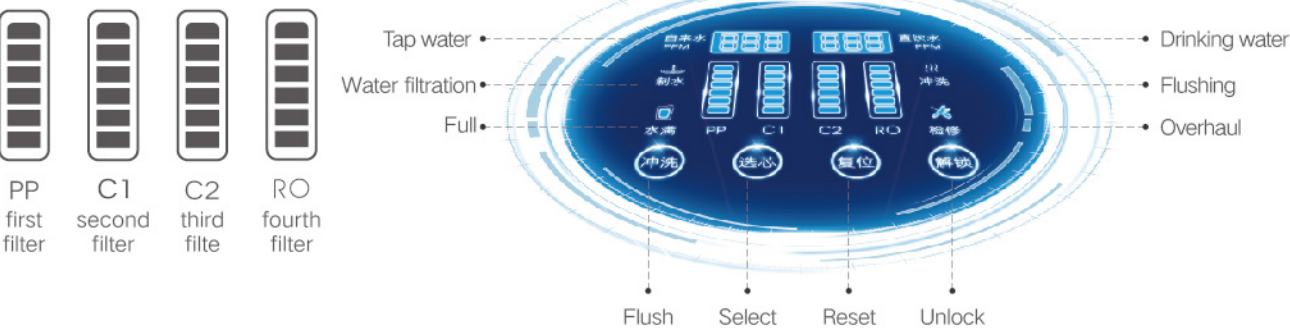


Compared with traditional water purifiers which rely on tank storage, the Lesso water purifier produces water over 10 times faster.

Intelligent alarm and touch system

Features filter replacement alarm, sensitive quality monitoring, easy operations, and smart touch making it easy for you to enjoy clean and healthy water.

Replace the filter when light is on



Easy Open snap-fit filter

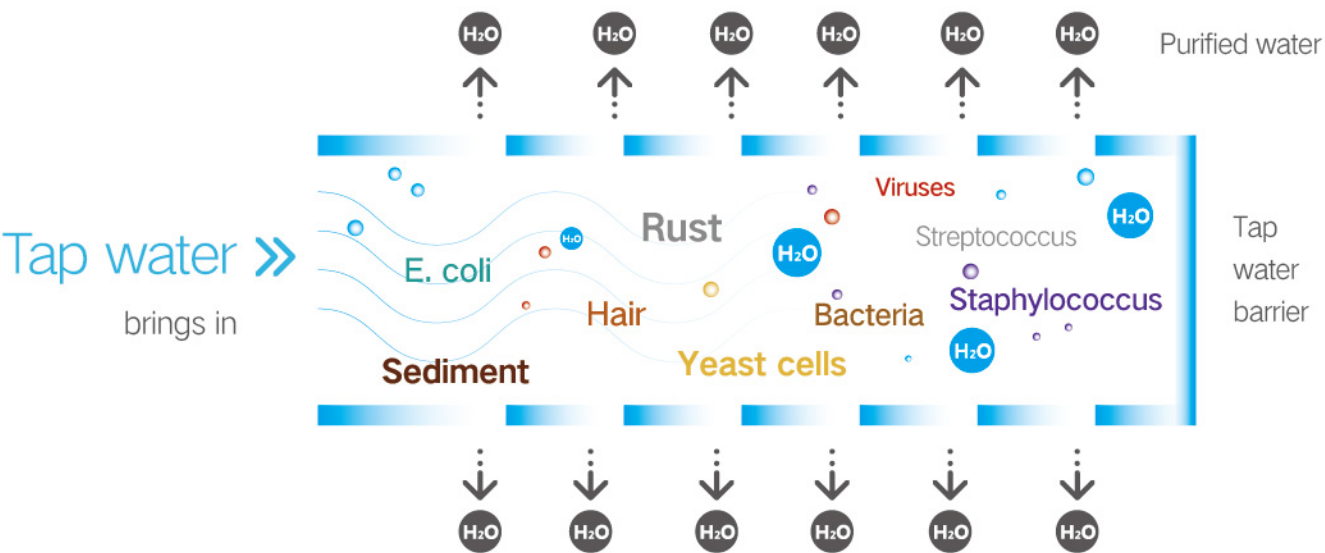
With the new Easy Open snap-fit filter, replacing the filter or filtration system becomes even easier and more convenient. It is clean, hygienic, environmentally-friendly, and all components are easily changed.



NSF-certified Ultrafiltration Membrane Filter

Membrane wire is the core component of ultrafiltration membranes. The ultrafiltration membrane filters used in Lesso Water Purifiers have been certified by the National Science Foundation of the United States. Our certified ultrafiltration membrane core boasts a filtration precision of 0.01 μ m, so it can effectively filter out harmful substances such as bacteria and viruses, and its purification quality has been recognized globally.

Ultrafiltration Membrane Schematic



Ultrafiltration Membrane Filter

Effectively removes such harmful substances as bacteria byproducts caused by agricultural pollution(pesticides, fertilizers, etc.), and retains minerals and trace elements.

Category	Lesso ultrafiltration membrane			General ultrafiltration membranes		
Material	Food grade PAN material			Inexpensive PAN material		
Performance	Strong dirt retention capacity, large water flux, long service life			Weak dirt retention capacity, small water flux, short service life		
Picture						
Aperture	0.01 μ m			>0.01 μ m		
Microscopic picture						
Name	Rust and silt	Bacteria	Viruses	Staphylococcus	Streptococcus	E. coli
Diameter(μ m)	100以上	0.45-40	0.02-0.1	0.5-2.5	1.0-2.0	Length2.0-6.0 diameter0.6-1.5

LESSO REVERSE OSMOSIS WATER PURIFIER
All For The Pure
All For Good Drinking Water



0.0001 μ m Reverse Osmosis System

[Water-saving, eco-friendly circulatory system]

Use circulatory water-saving system to reuse wastewater,
save money and improve eco-friendliness.

[Fine filtration for pure and fresh water]

The imported fine-filtration reverse osmosis membrane is able to
remove heavy metals and keeps the water fresh at all times.

Its impressively large flux make for instant filtration and
provision of healthy water whenever you need.



NEW

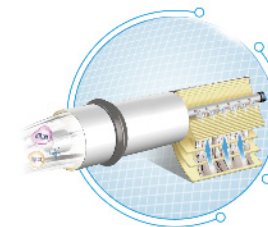


Reverse Osmosis Water Purifier LS314DR (White)

Dimensions: 418×214×481(mm)

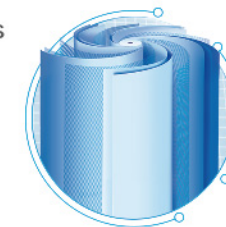
Applicable water sources: Municipal tap water

Filtration process: PP cotton filter + activated carbon pre-filter + reverse osmosis membrane filter + post activated carbon filter



US imported reverse osmosis membrane achieves effective fine filtration

Filtration accuracy of 0.0001μm
Effectively intercepts harmful substances such as heavy metal ions, bacteria, viruses, and pesticide residues.



High-speed 400-gallon flux for instant filtration and drinking

This 400-gallon large-flux RO membrane, imported in the original packaging, produces more than 1200ml of pure drinking water per minute, allowing for extra-healthy and convenient drinking water.



Smart LED touch control with filter replacement alarm

Real-time monitoring of filter elements is provided by the smart LED touch control system and its smart filter replacement alarm.



The Easy Open snap-fit makes filter replacement easy and convenient

With the third-generation Easy Open snap-fit filter, the replacement of the filter element or whole entire filtration system can be performed easily as needed. The process is clean, hygienic, eco-friendly, and simple.



Stylish appearance

The new appearance of the vertical filter apparatus feature vivid and sensual curves, bringing style and class to the water filter industry.








Kitchen Water Purifier LS315AR

Dimensions: 480×193×433(mm)

Filtration process: PP cotton filter + activated
carbon filter + RO membrane filter +
post activated carbon filter

Applicable water sources: Municipal tap water






-  Circulating water-saving system reduces waste
-  US-imported RO membrane provides effective fine filtration
-  Smart LED touchscreen control
-  Stylish appearance; can be wall-mounted or lay flat
-  Easy Open snap-fit makes replacement easy and convenient

Kitchen Water Purifier LS315DR (white)

Dimensions: 475×145×386(mm)

Filtration process: PP cotton filter + activated
carbon filter + RO membrane
filter + post activated carbon filter

Applicable water sources: Municipal tap water






-  Circulating water-saving system reduces waste
-  US-imported RO membrane provides effective fine filtration
-  Smart LED touchscreen control
-  Stylish appearance; can be wall-mounted or lay flat
-  Easy Open snap-fit makes replacement easy and convenient

Reverse-osmosis Double-outlet Water Purifier LS315RS (blue)

Dimensions: 475×145×386(mm)

Filtration process: PP cotton filter + activated carbon
filter + RO membrane filter +
post activated carbon filter

Applicable water sources: Municipal tap water




-  Double-outlet system provides flexibility of use
-  US-imported RO membrane provides effective fine filtration
-  Smart LED touchscreen control
-  Stylish appearance; can be wall-mounted or lay flat
-  Easy Open snap-fit makes replacement easy and convenient

Kitchen Water Purifier LS311BR

Dimensions: 474×163×374(mm)

Filtration process: PP cotton filter + dense PP cotton
filter + RO membrane filter +
post activated carbon filter

Applicable water sources: Municipal tap water

-  US-imported RO membrane provides effective fine filtration
-  Smart LED touchscreen control
-  Trendy international-style design; elegant appearance



Kitchen Water Purifier LS313AR

Dimensions: 329×223×435(mm)
Filtration process: PP cotton filter + activated carbon
filter + RO membrane filter + post
activated carbon filter
Applicable water sources: Municipal tap water

- RO US-imported RO membrane provides effective fine filtration
- LED Innovative three-dimensional appearance; striking and original
- LED Smart LED touchscreen control
- Easy Open snap-fit makes replacement easy and convenient



Purification & Heating Machine LS315BR

Dimensions: 650×303×480(mm)
Filtration process: PP cotton filter + activated carbon
filter + RO membrane filter + post
activated carbon filter
Applicable water sources: Municipal tap water

- RO US-imported RO membrane provides effective fine filtration
- LED Purification and heating machine for multiple uses
- LED Double-outlet system provides flexibility of use
- LED Super-large water yield for free and secure use
- LED Tempered-glass appearance, cosmopolitan design



Reverse-osmosis Water Purifier LS311R (white)

Dimensions: 422×180×477(mm)
Filtration process: PP cotton filter + activated carbon filter
+ dense PP cotton filter + RO membrane
filter + post activated carbon filter
Applicable water sources: Municipal tap water

- RO US-imported RO membrane provides effective fine filtration
- LED Smart LED touchscreen control
- LED Unique model, simple minimalist style



Water Saving Pro LSJ01

Dimensions: 188×456(mm)
Applicable water sources: Municipal tap water

- LED Zero-water-waste technique effectively saves water resources
- LED Equipped with anti-scale filter to effectively trap dirt
- LED Compatible with a variety of environmental protection and energy saving devices

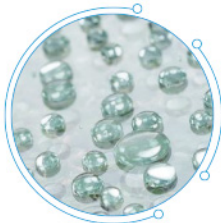
Ultrafiltration Water Purifier
LS319U (White)

Dimensions: 400×125×360(mm)
Filtration process: PP cotton filter + nanocrystalline ceramic filter + softened resin
filter + ultrafiltration membrane filter + post activated carbon filter
Applicable water sources: Municipal tap water

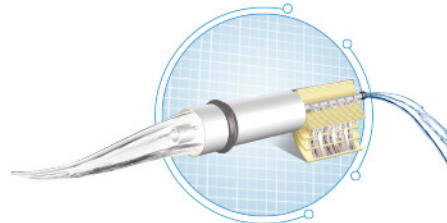


LESSO ULTRAFILTRATION
WATER PURIFIER

Pure Water Gives Family
A Care-free Life



US-imported Patented
Nanocrystalline Ceramic
Filter Element
Effectively remove heavy metals



High-quality
Ultrafiltration Membrane
Effectively remove
a huge number of impurities



One-touch
snap-fit
For easy and convenient
filter replacement



Natural, Zero-energy-
consumption Filtration
Eco-friendly and cost-effective



Manual Cycling
For extra-long service life



Under-mounted/
Above-mounted/ Wall-mounted
For maximum
installation convenience



Ultrafiltration Water Purifier LS318U (white)

Dimensions: 350×110×315(mm)
Filtration process: PP cotton filter + nanocrystalline
ceramic filter + ultrafiltration membrane
filter + post activated carbon filter
Applicable water sources: Municipal tap water

- US-imported patented nanocrystalline ceramic filter element provides efficient removal of heavy metals
- High-quality ultrafiltration membrane for effective removal of numerous impurities
- ONE-TOUCH snap-fit for easy and convenient filter replacement
- Manual cycling for extra-long service life
- Zero-energy-consumption natural filtration for eco-friendly and cost-effective production
- Can be under-mounted / above-mounted / wall-mounted for maximum installation convenience

Pipeline Ultrafiltration Water Purifier LS341U-1.5T (stainless steel)

Dimensions: 450×146×127(mm)
Filtration process: Hollow fiber ultrafiltration filter
Applicable water sources: Municipal tap water

- SUS304 food-grade stainless steel shell material for care-free use
- External pressure-type PVDF hollow-fiber dry membrane ensures very long service life
- Unique design for more convenient filter cleaning and replacement
- 1.06 MPA 100,000-time water hammer test for quality assurance

Counter Top Water Purifier LS307T (white)

Dimensions: 325×121×320(mm)
Filtration process: Ceramic activated carbon composite filter
+ nanocrystalline ceramic + activated carbon
Applicable water sources: Municipal tap water

- US nanocrystalline ceramic patented filter element for efficient removal of heavy metals
- American diatomite ceramics composite filter for efficient removal of many impurities
- Ceramic filter can be scrubbed for multiple times. Economical and affordable
- Stylish and simple appearance, fresh and elegant

Faucet Water Filter LS-BEC-8111

Filtration process: Ceramic filter
Applicable water sources: Municipal tap water

- High quality ceramic filter for efficient filtration of harmful substances
- Preferred coconut activated carbon for removal of residual chlorine, heterochromatic odor
- 30L/H water purification flow meets a variety of water needs
- ABS security material for care-free use
- Washable filter element for extended service life

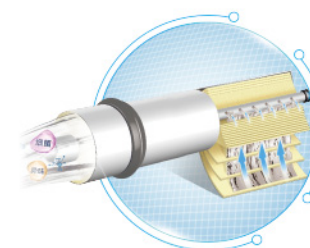
LESSO DIRECT DRINKING MACHINE

Water Of Good Quality,
New Life Of Purity

Drinking Machine LS320RZ

Dimensions: 350×380×1380(mm)

Filtration process: PP cotton filter + activated carbon filter + RO
membrane filter + post activated carbon filter



**US-imported High-performance
RO Membrane**
Efficient fine filtration



**Smart LED
Display**
Shows full device status



Easy Open Snap-fit Design
Enables easy and
convenient filter
replacement



**Heating And
Cooling Systems**
Drink at any time



Extensive Use
Meet drinking needs
of multiple users

Water Softener LS335-2T (gray)

Optimal flow: 2.0T/H Working water pressure: 0.1-0.4MPa

Working water temperature: 5-48°C Filtration process: Softening resin Water purification function: Non-direct drinking use

Note: The water softener mainly uses ion exchange resin to remove calcium and magnesium ions from water to reduce water hardness.

LESSO WATER SOFTENER

Healthy Soft Water Takes Good Care Of Family



Reduce Hardness
and Prevent Disease
Good for health



Improve Hair and Skin
Care for Beauty Effects
Revitalizing and moisturizing



Make Clothes
Fluffy and Soft
Avoid fading in
the laundry



Prolong Appliances'
Service Lives



Avoid Discoloration of
Ceramics and Bowls



Water Softener LS335-1T (gray)

Optimal flow: 1.0T/h Working water pressure: 0.1-0.4MPa

Working water temperature: 5-48°C Filtration process: Softening resin
Water purification function: Non-direct drinking use



Pre-filter
LS705Q (in all directions)

Dimensions: 105×156×232(mm)
Filtration accuracy: 30-50µm
Outlet water flow: 2.8-4T/h
Water inlet and outlet diameter: G 3/4"
Applicable water sources: Municipal tap water

LESSO WATER PRE-FILTER

Filter Harmful Substances At The Source,
Care The Health Of The Family



Special Brass Connector
Reliable, high-quality



Zero Power
Consumption, No Filter
Replacement
Needed Regular drainage



High-precision
Stainless Steel Filter
Screen
Never rusts



Extra-long
Service Life
Up to 70 years



Pre-filter
LS706Q

Dimensions: 90×60×212(mm)
Filtration accuracy: 30-50µm
Outlet water flow: 2.5-3.5T/h
Water inlet and outlet diameter: G 3/4"
Applicable water sources:
Municipal tap water



Pre-filter
LS708Q

Dimensions: 147×60×196(mm)
Filtration accuracy: 40-80µm
Outlet water flow: 2.1T/h
Water inlet and outlet diameter: G 3/4"
Applicable water sources:
Municipal tap water



More Water Purifiers

All In Lesso

Pipeline Filter LS550AG-N

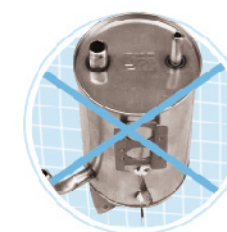
Rated heating power: 2200W

Water heating capacity: 20L/h (>90°C)

Applicable water sources: Purified water



Instant Boiling
Drink at your leisure



**Healthy Water with
No Water Tank**
Say goodbye to
repeated boiling water



Countdown Marker
LED display



Child-proof Design
Triple Anti-dry





Pipeline Water Dispenser



LS450G-D (instant heater)

Rated heating power: 2000W
Water heating capacity: 20L/h (>90°C)
Applicable water sources: Purified water

LS450G-N (with heater tank)

Rated heating power: 420W
Heating water capacity: 4L/h (>90°C)
Applicable water sources: Purified water





-  Glass quartz heating system; eco-friendly and energy-saving
-  Stylish appearance; ultrathin body LED display

-  Child-proof design, triple anti-dry, extra-secure
-  Food-grade water purification; safe and healthy drinking water; worry-free use

Pipeline Water Dispenser




LS550G-R

Dimensions: 295×310×920(mm)
Rated heating power: 425W
Water heating capacity: 5L/h
Applicable water sources: Purified water, distilled water, mineral water

-  Fully automatic control system for convenient operations
-  Easy cleaning and maintenance to help you keep your home clean and tidy
-  Oversized locker design provides extra storage space
-  Produces large quantities of warm water to meet different needs

LS550G-D (cooling unit)

Dimensions: 295×310×920(mm)
Rated heating power: 505W
Water heating capacity: 5L/h
Applicable water sources: Purified water, distilled water, mineral water

-  Integrated model and LED indicators, user-friendly design
-  Enclosed water-receiving area design to prevent secondary pollution
-  Multiple anti-dry system to ensure safety



Central Water Purifier

LS430U-4T (white)

LS430U-6T (white)

Dimensions: 350×305×1165(mm)

Filtration process: Ultrafiltration

Applicable water sources: Municipal tap water

- Effectively removes all impurities larger than 10nm
- Membrane made of polyacrylonitrile PAN, avoids corrosion
- #304 medical stainless steel material ensures worry-free use and reliability
- Automatic timed cycling; service life of 5-8 years
- Fully integrated machine, with highly striking appearance
- Super-large flow meets all drinking needs

Commercial Reverse-Osmosis Water Purifier

LS443R (stainless steel)

Dimensions: 1000×500×1080(mm)

Filtration process: PP cotton filter + activated carbon filter + dense PP cotton filter + 400G RO membrane filter + post activated carbon filter

Applicable water sources: Municipal tap water

- High-efficiency heat exchanger enables 80% power savings
- Smart water control system ensures that only processed water is emitted
- Stainless steel sink mold produces beautiful and reliable effect
- Patented atmospheric-pressure design ensures safe use
- Performs high-temperature sterilization for clean and healthy water
- Rotary faucet for easy operations

Commercial Reverse-Osmosis Water Purifier

LS445R (stainless steel)

Dimensions: 800×400×1260(mm)

Filtration process: PP cotton filter + activated carbon filter + dense PP cotton filter + 400G RO membrane filter + post activated carbon filter

Applicable water sources: Municipal tap water

- High-efficiency heat exchanger enables 80% power savings
- Smart water control system ensures that only processed water is emitted
- Stainless steel sink mold produces beautiful and reliable effect
- Patented atmospheric-pressure design ensures safe use
- Performs high-temperature sterilization for clean and healthy water
- Touchscreen system makes for easy operation

Commercial Reverse-Osmosis Water Purifier

LS431R-400 (white)

LS431R-800 (white)

Water production capacity: 60L/h 120L/h

Filtration process: Reverse-osmosis filtration

Applicable water sources: Municipal tap water

- Multi-stage filtration and UV sterilization provides two-layer security
- Reverse-osmosis filtration lets you drink directly from the tap
- Imported eco-friendly materials ensures quality
- Wide range of applications, suitable for several scenarios