

A dynamic background image showing water splashing and bubbling in shades of light green and white. The water droplets are captured in mid-air, creating a sense of movement and freshness.

sflux[®]

WORLD UNIQUE HOUSEHOLD PURIFIER

Automatic Water Pitcher

Premium Shower Purifier

Portable RO Water Pitcher

Flexi Straw Filter

Water Bag Purifier



KOWPIC



CE FC

SGS



www.sflux.co.kr

Company Background.

- Kortech Establishment Jun **2008**
- Shanghai Aquatech Exhibition Jun **2009**
- Deliver Relief supplies to Thailand Aug **2011**
- Water Bag I UF Patent Nov **2012**
- RO patent Feb **2013**
- TDS creep Patent Mar **2015**
- New RO permeate Tricot Patent Jan **2016**
- KOWPC China Branch Aug **2016**
- ISO 9001 Certification Aug **2018**
- Auto Pitcher Patent Jan **2019**
- Pretreatment RO Patent Mar **2021**
- Auto RO Pitcher Patent Feb **2025**
- 2009 Invented Water Bag Purifier Series
- 2010 Sep Cooperation with **UNILEVER**
- 2012 Jun Sales of 3 Millions Filters
- 2012 Oct Cooperation with **Philips**
- 2014 Dec Post RO Patent
- 2015 Sep 2inch 300GPD RO Develop
- 2016 Feb Water Bag II UF Patent
- 2017 Sep No Electricity RO System Patent
- 2018 Nov 15 Millions Filter Sales
- 2020 Aug Mini Purifier Patent
- 2022 Jan Pre & Post Treatment RO Patent
- 2025 Feb Shower Purifier Patent



Global Exhibitions
(30+ IFA, Aquatech, WQA, IHA)



Industry Seminars
(20+ KOWPIC, GWPS)



Media Coverage
(10+ Korea & China Broadcasts)

Kortech Shanghai Facility (2000 m²)



Warehouse



In-house Laboratory



Production Line



Global Partners



Automatic Water Pitcher.

Verified by
NSF lab in 2026

Tested by NSF/ANSI 372 for low lead

Scan to see
how it works!



Specification

- Model No.: DP01
- MOQ: 1,500 units
- Product Size (mm): 250 × 140 × 330
- Product Weight (kg): 1.8 (per unit)
- Packing: 8 units/carton
- Carton Size (mm): 525 × 585 × 360 (L × W × H)
- Gross Weight / Net Weight (kg): 16.2 / 14.4

CAPACITY

11 CUPS

(Inner: 1.2L, Outer: 1.5L)

FILTRATION TIME

1.5 MINUTE

FILTER LIFESPAN

6 MONTHS

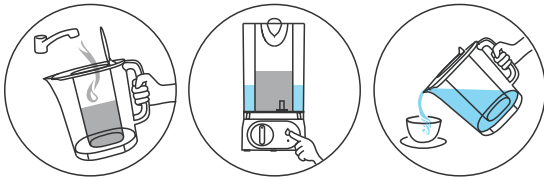
(Lifespan varies depending on water quality)

BATTERY LIFE

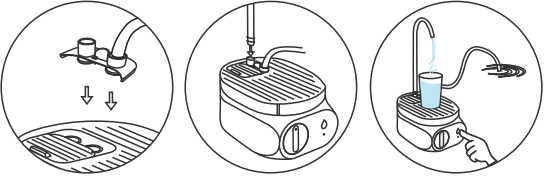
2 MONTHS

1 Dual-Use Base

PITCHER MODE:



FAUCET MODE:



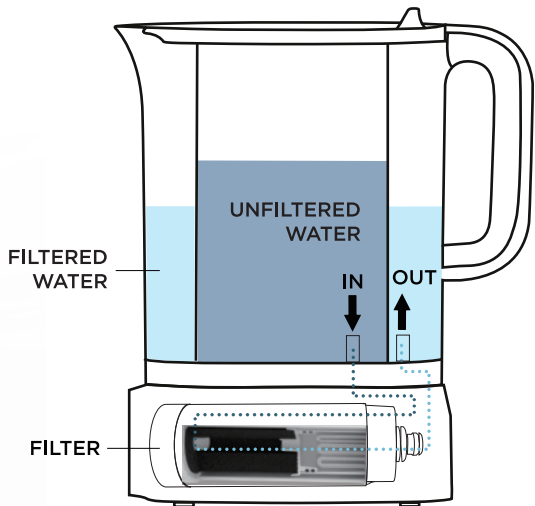
2 Dual-Chamber Pitcher

- Separate Structure
- No Mixing Risk
- Easy to Clean



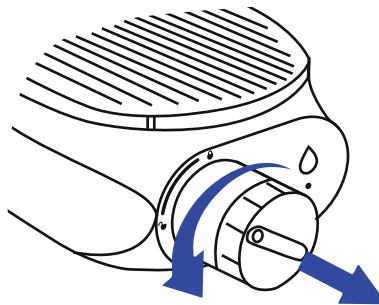
3 No Mixing of Raw & Filtered Water

Fully sealed inlet and outlet prevent any mixing between raw and filtered water.



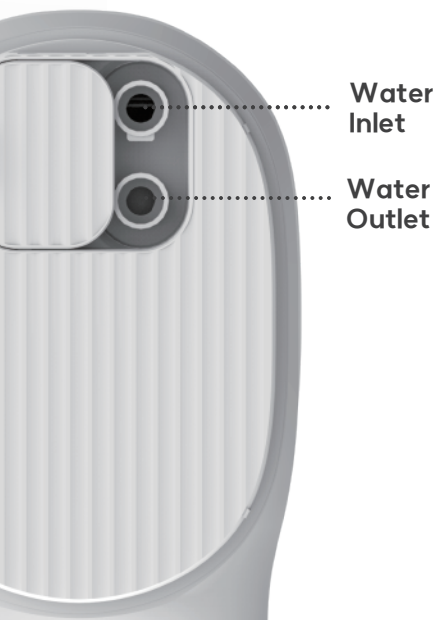
4 One-Step Filter Replacement

- Simple twist & pull design
- Hygienic and easy replacement



5 Outdoor Use

- Portable and easy to carry
- Ideal for travel, camping, and outdoor use



Water Inlet

Water Outlet

6 No Installation Needed

Simply place and enjoy clean water anytime, anywhere

Designed for bedside convenience



Ideal for kitchen environments



Perfect for outdoor use



7 USB-C Battery Charging

- Long-lasting battery (2200mAh)
- Up to 2 months of use on a full charge

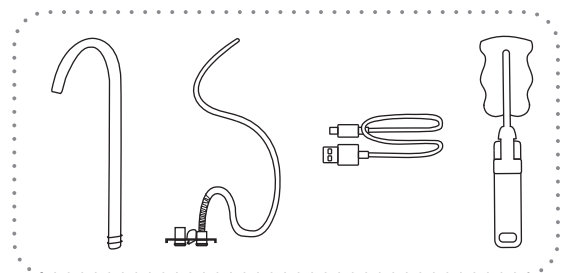
8 Smart LED Indicator

- Tracks total filtration time for filter replacement
- Low battery alert



9 Accessories





Faucet, hose, charging cable, and cleaning brush included



10 Quiet but Fast Filtration

- Approx. 1 minute per jug
- Automatically stops after filtration
- Noise level: ≤ 55 dB

11 High Quality Filtration

 <p>ALKALINE CARBON FILTER</p> <p>Chlorine reduction ~99 %</p> <p>PH level ≈ PH9.0</p>	 <p>CARBON BLOCK FILTER</p> <p>VOC reduction ~99.9 %</p> <p>Heavy metal, Chlorine reduction ~99 %</p>	 <p>UF & CARBON COMPOUND FILTER</p> <p>Bacteria reduction ~99.9999 %</p> <p>VOC reduction ~99.9 %</p> <p>Heavy metal & Chlorine reduction ~99 %</p>	 <p>NANO & CARBON FILTER</p> <p>Virus & VOC reduction ~99.9 %</p> <p>Bacteria removal ~99.99 %</p> <p>Heavy metal & Chlorine removal ~99 %</p>
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12 Third-Party Testing & Certification

- Certified Quality & Safety
- Independently Tested Performance (SGS / CTI / KEWI)



CE



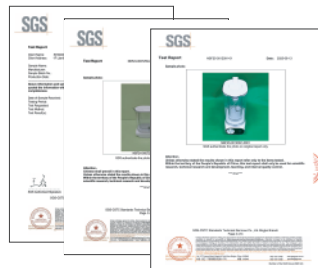
FCC



IECEE-CB



MSDS



SGS Tested (Turbidity, Lead, Mercury, Copper, Chlorine, PFAS, Chloroform, Bacteria, Virus)



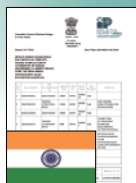
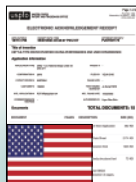
CTI Certified (BPA Free)



KEWI Certified (33 Items Water Purification Performance)

13 Intellectual Property & Patents

- Core Technology Patent Secured
- Design Patent Registered
- Patents protected in 8 countries



Premium Skincare Shower Filter.

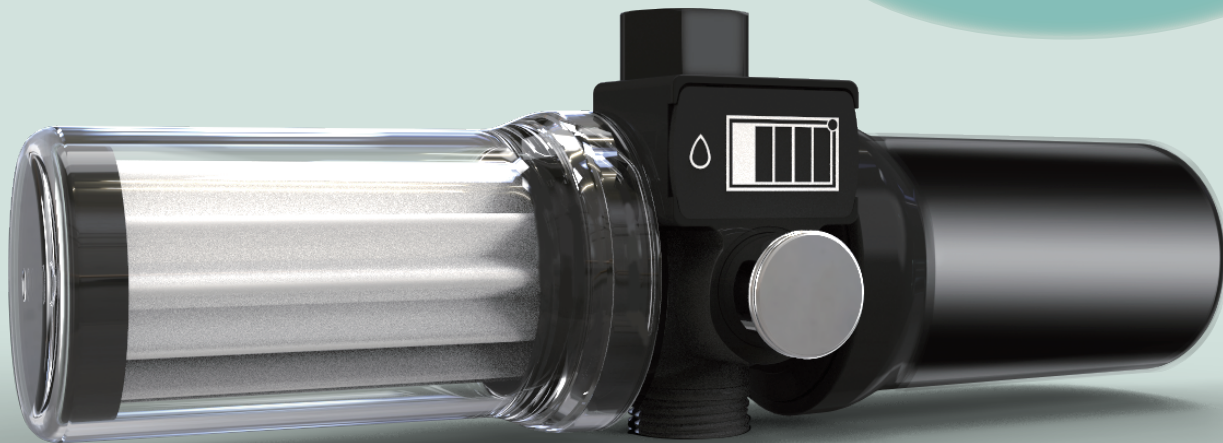


Specification

- Model No.: SF01
- MOQ: 2,000 pcs
- Product Size (mm): 79 × 246 × 96
- Product Weight (kg): 0.5 (per unit)
- Packing: 40 units/carton
- Carton Size (mm): 525 × 505 × 400 (L × W × H)
- Gross Weight: 22.2kg/carton

Verified by
NSF lab in 2026

Tested by NSF/ANSI 372 for low lead



CAPACITY
18,000L

WATER SAVING
20-30%

FILTER LIFE SPAN
~3 MONTHS

(Lifespan varies depending
on water quality)

WATER PRESSURE
4 BAR



Healthier-
looking skin



Supports
skin barrier
& hydration

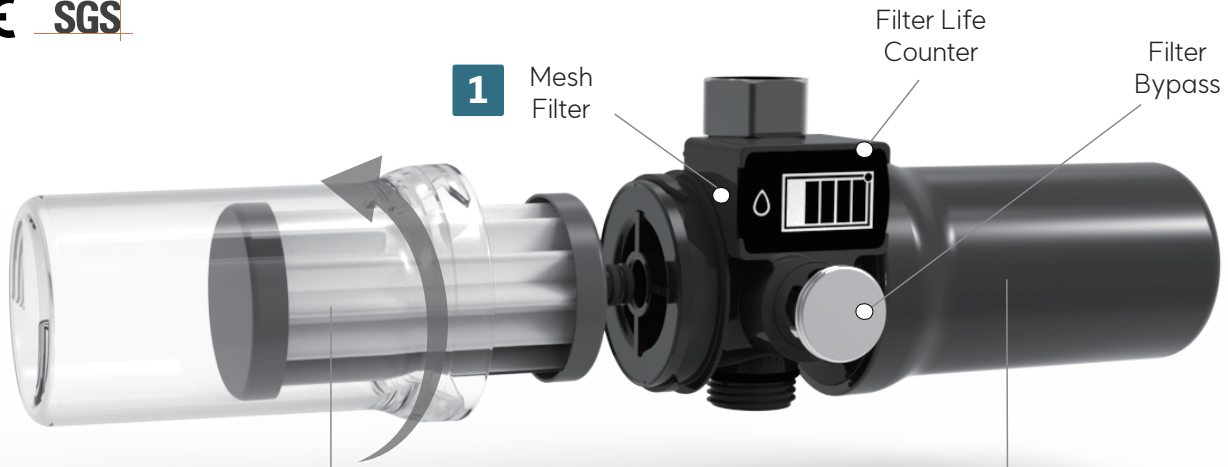


Reduces
irritation



Safe for
babies &
sensitive skin





2 *Pre-Filter



PP Filter

- Reduces suspended particles



PP + Activated Carbon Fiber Filter (PCF)

- Reduces suspended particles
- Chlorine reduction ~99%
- PFAS & VOC reduction ~90%



Nano Positive Composite Filter (NP)

- Reduces suspended particles
- Heavy metal reduction ~90%
- Bacteria reduction ~99%
- Virus reduction ~99%

3 *Post-Filter



Activated Carbon Fiber Filter (ACF)

- Suspended particle
- Improve Odor
- Chlorine reduction ~99%
- PFAS, VOC reduction ~90



Ultra Filtration Filter (UF)

- Turbidity ~99%
- Microplastic reduction ~99.99%
- Bacteria reduction ~99.9999%

Recommended Filter Combi

PP

ACF



+



Basic type

PCF

ACF



+



High Chlorine type

NP

ACF

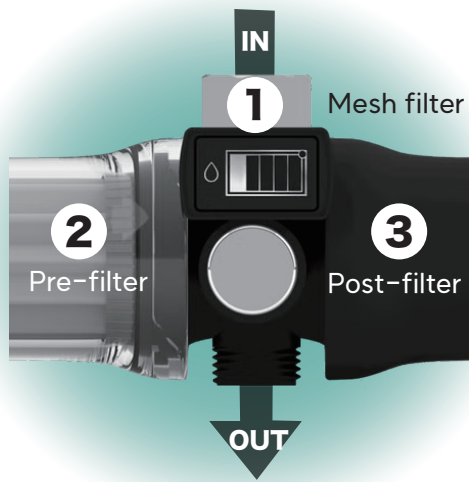


+



Bacteria / Virus type

*This performance is based on initial test conditions.



1 Three Stage Filtration

- 1 Mesh Filter** Removes large particles and impurities
- 2 Pre-Filter** Used as color-changing indicator for replacement
- 3 Post-Filter** Improves water quality and clarity

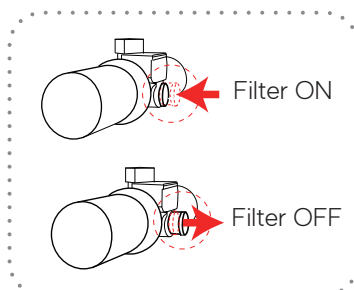
Optimized design allows maximum water contact with the filter for enhanced performance

2 Protect your skin & hair from chlorine

- Warm water opens pores and increases skin absorption. Removing chlorine from tap water helps protect natural skin oils.
- Helps reduce dryness, irritation, and tightness for a more comfortable shower experience.

4 Extend Filter Life with Bypass

- Easily switch between filtered and unfiltered water
- Helps extend filter lifespan when filtration is not needed

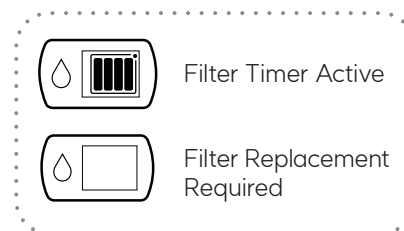


3 Design for Baby



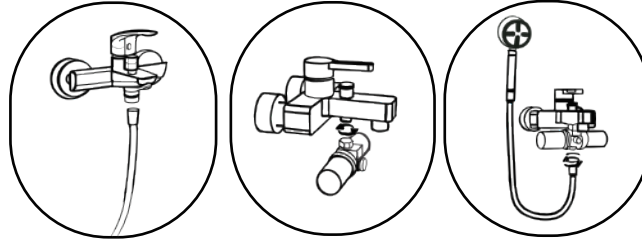
- Children's delicate skin can be more sensitive to chlorine and impurities in tap water.
- Helps reduce daily exposure to harsh substances for a gentler shower experience.
- Designed for delicate and sensitive skin.

5 Replacement Indicator



- Built-in indicator reminds you when to replace the filter
- Recommended replacement cycle: every 3 months
- Press the droplet button to turn on/off
- Press and hold to reset the filter

7 Easy Installation & replacement



8 Sflux vs Conventional Shower Filters

Feature	Sflux	Others
Filter Stages	3-Stage	1-Stage
Filter Replacement	Interlocking Fast & Easy	Screw Type, less convenient
Filter Type	6 options including UF and Nano	Basic, mostly PP
Filter On/Off Switch	Yes	No
Filter Life Alarm	Yes	No
Eco-friendly	Replace cartridge, reuse the housing	Discard the whole filter



CE certified



NSF tested



SGS tested
(Chlorine, Bacteria, Virus)



CTI-FDA test

9 Third-Party Testing & Certification

- Certified Quality & Safety
- Independently Tested Performance (NSF/SGS / CTI)

10 Intellectual Property & Patents

- Core Technology Patent Secured
- Design Patent Registered



Portable Mini RO Water Pitcher.



Ideal for single households
& camping



World's unique
Mini RO pitcher



Free installation
Rechargeable &
cordless operation



Bacteria, Virus
>99.9999%
Heavy metal, Chlorine, VOC
>99.9%
Removes radioactive contaminants

Unique System

One Base
for Pitcher and
Faucet Use

DUAL
FUNCTION



Approx.
2 mins per liter

FILTRATION
SPEED

RECOVERY
RATE
>75%

*Conventional systems
typically range approx. 30%.

BATTERY



- One Charge,
- Two Full Hour of Filtration
- Doubles as a power bank

Bacteria, Virus
removal

>99.9999%

Heavy Metal, VOC,
Chlorine removal

>99.9%

Removes
radioactive
contaminants

- Designed for the highest level of home water purification
- Unique industrial-style membrane flushing system inside RO countertop

Why Auto-Flushing Matters?

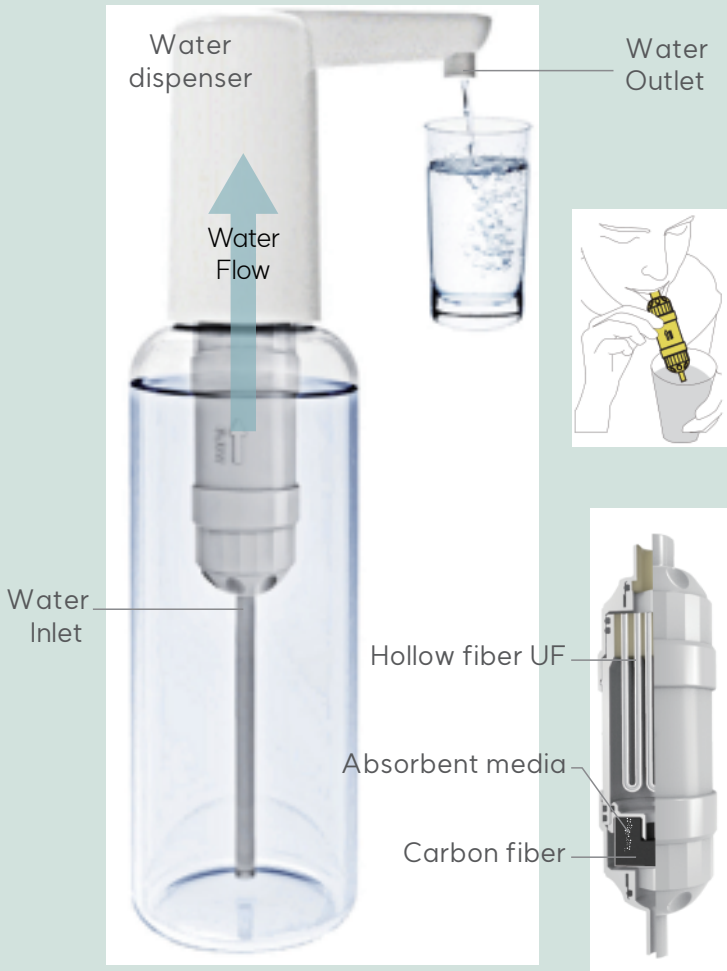
- Minimizes membrane fouling
- Reduces scale buildup
- Extends filter life
- Flushes out concentrated impurities at startup

Core Technology
Patent Secured



Flexi Straw Filter.

- Convenient to carry, simple use
- For travel, outdoor adventure or emergency use



Filtration stage

1st Carbon fiber

- : remove chlorine, chemical pollution
- improve taste of water

2nd Absorbent media (option)

- : remove heavy metal

3rd Hollow fiber UF

- : pore size 0.1um, reject Ecoli bacteria 99.9999%

* Nano positive membrane (option)

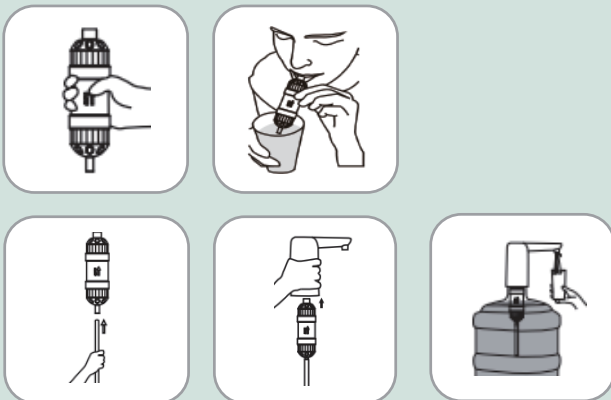
- : reject noro virus 99.9%

Application

Use in office, household kitchen, living room and also portable water purifier for travel, exploration, outdoor

1 Filter 2 Uses

Filter Straw / Bottle top dispenser



Specification

- Model No.: FS01
- MOQ: 2,000 pcs
- Size (mm): 130 × 40 (L×W)
- Material: ABS, PS, Carbon fiber
- Flux: >0.8LPM
- Filter life time: 500L

Water Bag Purifier.

- No electricity, natural pressure
- Easy to use and maintenance
- Foldable compact design, save space

Adopted Kortech Compound Filter Technology

1st Micro filtration filter

: reject Suspended solid

2nd Absorbent media filter

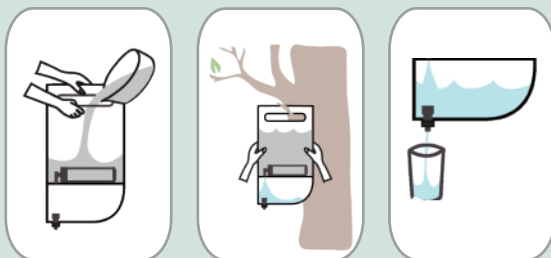
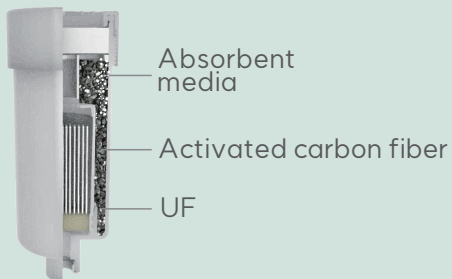
: reject 99% heavy metal

3rd Activated carbon filter

: absorb 90% chemical pollution

4th Hollow fiber UF filter

: reject 99.9999% bacteria

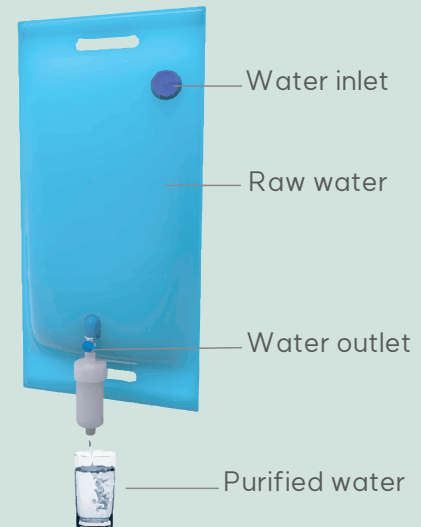


Specification

- Model No.: WB01
- MOQ: 2,000 pcs
- Bag Size (mm): 620 × 280 (L×W)
- Raw Water 5L, Purified Water 2L
- Material: PVC or TPU
- Flux: >0.7LPM
- Packing: 50 pcs/carton
- Carton Size (mm): 670 × 395 × 280 (L×W×H)
- Gross Weight: 27kg/carton

Water bag purifier I

* PATENT NO.ZL2012 2 0609147.7



Water bag purifier II

* PATENT NO.ZL2012 2 0609147.7



Scan to see how it works!





The human body is 70% water.

How are you filling yours?

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Kortech Environment Equipment Co., Ltd.
Shanghai Kortech Technology Co., Ltd.



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