

waco Corp.

the infinite
waco

Refined & Confident
Water & Air



(주) 와코 코퍼레이션



BRAND K
KOREAN NATIONAL
BRAND



KOTRA GLOBAL BRAND
COMPANY



The Excellent Company
Brand of Seoul



waco Corporation

B-101, Hagye Technotown, 10,
Nowon-ro 15-gil, Nowon-gu, Seoul, Korea
Tel. 82-2-948-0657
Fax. 82-2-948-2342

www.waco-corp.com
www.waco-corp.co.kr

For Pure & Clean Water A Life of Well-Being Innovative Design

Life originates from water,
And our existence depends on this precious resource.
Water forms the foundation of our daily lives and sustains our world.



the infinite
waco

BOBSLEI

EOS

Naturife

IFev

WACO Corp.'s enduring commitment to clean water and air starts with researching subtle, unseen differences.

Through continuous innovation, WACO Corp. is committed to enhancing your quality of life with fresh and pure solutions.

Company	01
Business Recognition	02
CEO's Message	02

WATER PURIFIER

POU Water Cooler	05
Big & Tall Size POU Water Cooler	10
Undersink Water Purifier	15
Water Purifier	13
Bottled Water Cooler	25

WATER TREATMENT

Whole House Water Treatments	26
Commercial Water Treatments	27
Industrial R/O System	32

FILTERS & COMPONENTS

Water Filters	39
Water Treatments Components	46

WATER SOFTNERS

Shower Filters	44
Water Softners	45

BIDET

Bidet	52
-------	----

AIR PURIFIER

Air Purifier	54
--------------	----



COMPANY

Discover the World of WACO



All products featured in this catalogue are exclusively designed and manufactured by WACO Corp.

Our company is committed to sustainable growth, striving for the highest quality and building trust with our customers. We will continue to focus on technological advancements to meet customer needs and stay ahead in industry innovation. We kindly request your continued support and interest.

Our company policy is to continuously research and develop our products. Product details in this catalogue are subject to change without notice to improve quality and design.

• Copyright© All Rights Reserved by WACO Corp.
All rights reserved and unauthorized copy is prohibited.



Korean National Brand



The Excellent Company Brand of Seoul

The 'Hi Seoul' brand is awarded by the Korean Government to qualified Korean companies that produce top-quality products under a strict quality control system and provide exceptional customer service.

We were selected by the Seoul Metropolitan Government as a leading water treatment systems provider among many Korean manufacturers.



Water Quality Association Member



KOTRA Global Brand Company A Mark of Quality, Innovation, and Trust

The KOTRA Global Brand is awarded to an elite group of Korean companies that uphold the highest standards of excellence in business.

KOTRA proudly endorses these exceptional Korean companies and their products for their unmatched professionalism. Companies awarded the KOTRA Global Brand undergo a rigorous evaluation process to earn this prestigious seal. Whenever you see the KOTRA Global Brand, you can trust that you are engaging with one of Korea's world-class companies.



Certificate of ISO

ISO 14001:2015 (Environmental Management System)
ISO 9001:2015 (Quality Management System)

CEO'S Message

Dear valued customers,

At WACO Corporation, we prioritize our clients' health and well-being. As a global leader and specialist in water purifiers, dispensers, air purifiers, and other well-being products, we have built a strong reputation for offering diverse selections, superior quality, advanced technology, and unwavering commitment since our establishment.

Our superior products, exported globally under the "WACO" brand, showcase the excellence of Korean technology in water and air purification. Through our extensive network of exclusive master dealers, we are dedicated to meeting customer needs with swift and reliable service.

With exceptional design, durability, and affordability, our products are engineered to enhance your daily life and ensure lasting value.

Our motto—Accuracy, Technical Innovation, Superior Quality, and Perfect Service—reflects our commitment to delivering pure and fresh water and air while promoting our customers' health through well-being products.

We deeply appreciate your continued support and interest, and we remain dedicated to exceeding your expectations in every way.

Thank you for your trust and support.

President & CEO Y. S. Shin

OVERVIEW

Water Treatments

POU Water Cooler



Big Tall Size POU Water Cooler



UnderSink Water Purifier



Water Purifier



Bottle Water Cooler



Commercial Water Purification System



Commercial Water Purification System



Industrial Water Purification System



Potential Water Treatment



Whole House ICE Water Treatment System



Water Filter



Water Softener



Components



Bidet



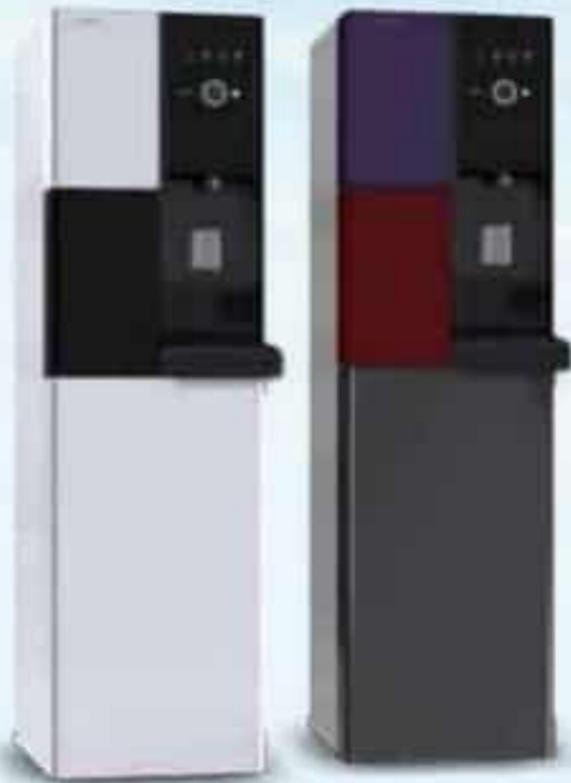
Air Purifier



POU Point of Use Water Cooler

Superior Water Purification, Designed for You

IFev-Series



IFev-L
 2100H x 270D x 1100W mm
 4.5L/Day/Day
 140 L / DAY

IFev-M
 2100H x 270D x 1100W mm
 140 L / DAY

IFev-N
 2100H x 270D x 1100W mm
 140 L / DAY

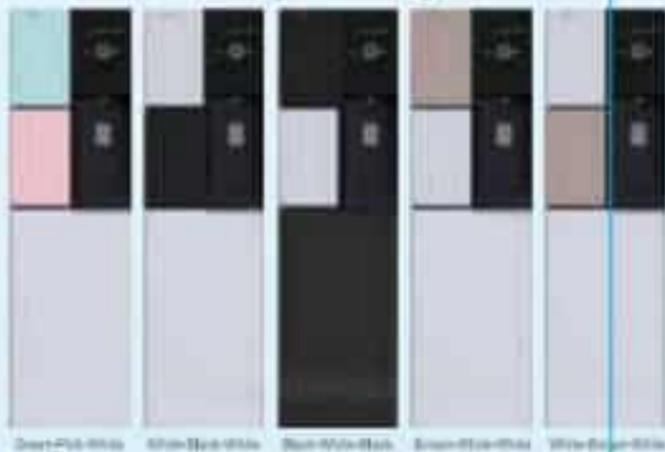


IFev-LS
 1100H x 270D
 4.5L/Day/Day
 140 L / DAY

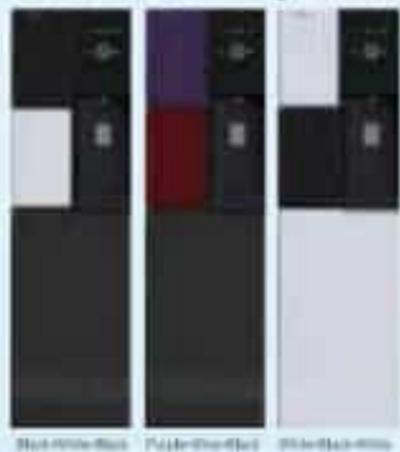


Various Color Options!

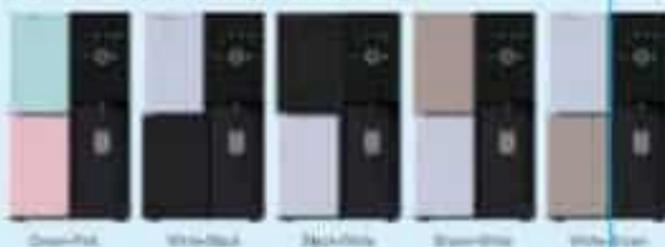
IFev-Series, Freestanding – Deco Design



IFev-Series, Freestanding – NonDeco Design



IFev-Series, Countertop – Deco Design



IFev-Series, Countertop – NonDeco Design



POU Point of Use Water Cooler

Elevating Design Standards, Infinite Water Purifier

APOLLO Series



APOLLO-TL
 2100H x 200D x 1000W
 4.5L/Day/Day
 140 L / DAY

APOLLO-TM
 2100H x 200D x 1000W
 140 L / DAY

APOLLO-T
 2100H x 200D x 1000W
 140 L / DAY

APOLLO-L
 1100H x 200D x 1000W
 140 L / DAY

APOLLO
 1100H x 200D x 1000W
 140 L / DAY



APOLLO-LS
 1100H x 200D x 1000W
 140 L / DAY



APOLLO-TL / APOLLO-TM / APOLLO-T



APOLLO-L / APOLLO



Various Color Options!

APOLLO-LS



POU Point of Use Water Cooler

• Infinite-2040 Series •

Various Options Tailored To The Customer

INFINITE-L40 **INFINITE-M40** **INFINITE-40**

W26" x D20" x H20" W26" x D20" x H20" W26" x D20" x H20"
 4.0L (Removable) 4.0L / 0.6L 4.0L / 0.6L

INFINITE-L20 **INFINITE-20**

W26" x D20" x H20" W26" x D20" x H20"
 4.0L / 0.6L 4.0L / 0.6L

INFINITE-L200 **INFINITE-200**

W26" x D20" x H20" W26" x D20" x H20"
 4.0L / 0.6L 4.0L / 0.6L



Various Color Options!

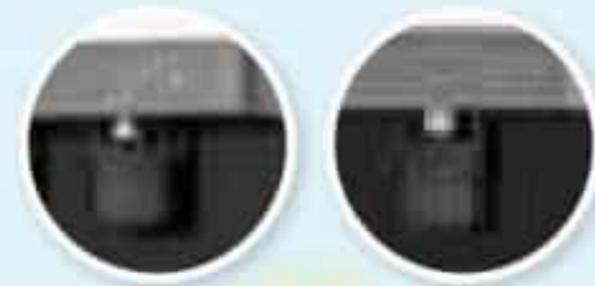


POU Point of Use Water Cooler

• HWJ Series •



The Filter System is Customizable.



Optional Swarovski Jewelry



POU Point of Use Water Cooler

Highlight Your Space with Elegant Design

W2-100 Series



W2-170LP
 W200 x 2400 x 4500
 Hot/Cold / 1000 L

W2-170P
 W200 x 2200 x 4500
 Hot/Cold / 1000 L

Excellent Purifying Efficiency
 It supplies clean and pure water that passes through WACO Corp.'s certified filtration system.

Harmonious Design
 Graceful design and color harmony create a harmonious indoor environment.



W2-170SP
 W200 x 2400 x 4500
 Hot/Cold / 1000 L

W2-150LP
 W150 x 2400 x 4500
 Hot/Cold / 1000 L

W2-150P
 W150 x 2200 x 4500
 Hot/Cold / 1000 L



Various Color Options!



White Gray L-Blue D-Red Black-All



White Black Gray L-Blue D-Red Black-All

Various Options Tailored To The Customer



Large Type
 W3-170LP / 150LP



Slim Type
 W3-170P / 150P

The Filter System is Customizable.

Big & Tall Size POU Water Cooler

POSEIDON

BIGGEST POU WATER COOLER

Product Description

The POSEIDON Hot and Cold Water Purification System is designed to meet high-volume point-of-use demands in urban, governmental, and commercial facilities, as well as industrial and business settings.



**High-Capacity
 Hot and Cold
 Water Supply**

POSEIDON
 W200 x 2400 x 4500
 4-Stage Reverse Osmosis / UFRO
 Mineral of Body - ABS and 210 100ml
 Filter system: Optimal
 Purification Filter: NSF Certified



Big & Tall Size POU Water Cooler

The Big & Tall Size POU Water Cooler delivers a High Volume of Clean and Pure water using advanced purification systems (UFRO). Its large tank capacity makes it ideal for Public and Commercial places such as schools, offices, restaurants, hotels, airports, and military camps.

Digital Hot Water Dispenser

ALPRIMO

The 'ALPRIMO' Digital Hot Water Dispenser is an essential addition to busy environments where waiting for a kettle is not an option. Its exceptional functionality and versatility make it the perfect choice for restaurants, cafes, convenience stores, and even homes, offering significant savings in time, space, and money.



Product Features

- High-Quality Tempered Glass with LED Lighting
- Continuous Hot Water Supply (90°C)
- Automatic Shut-off Sensor
- Simple Touchscreen Operation
- Optional Easy-to-Replace Filter



ALPRIMO
 W200 x 2400 x 4500
 Power Supply: 220V - 50/60Hz
 Power Consumption: 200W
 Tank Capacity: 5L
 Tank Temperature: 90°C - 95°C
 Certificate No.: W2011004-450004
 Size: 200 x 2400 x 4500
 Net Wt.: 1.5T



Big & Tall Size POU Water Cooler

Big & Tall Size POU Water Cooler

Romeo-Series

Innovative Design Worldwide



Product Description

Excellent Purifying Efficiency
It supplies clean and pure water that passes through the certified filtration system.

Convenience
An optional assistance faucet allows continuous water extraction, offering added convenience.

Harmonious Design
Its elegant design and color harmony enhance any indoor environment.

Super Capacity
ROMEO-4 / Reservoir: 20L / Cold Tank: 5L / Hot Tank: 4L
ROMEO-4B / Reservoir: 4L / Cold Tank: 5L / Hot Tank: 2L

Burn Prevention Function
A safety device prevents accidental hot water extraction by 0.5 liter.

ROMEO-4
W370 x D410 x H1300
20L Reservoir / 5L Cold Tank / 4L Hot Tank
Cable: 7.1 / 1600W-200C

ROMEO-4B
W370 x D410 x H670
4L Reservoir / 5L Cold Tank / 2L Hot Tank
Cable: 7.1 / 1600W-200C

Best Product

Juliet-Series

Product Description

Excellent Purifying Efficiency
It supplies clean and pure water that passes through the certified filtration system.

Convenience
An optional assistance faucet allows continuous water extraction, offering added convenience.

Harmonious Design
Its elegant design and color harmony enhance any indoor environment.

Super Capacity
JULIET-4 / Reservoir: 20L / Cold Tank: 5L / Hot Tank: 4L
JULIET-4B / Reservoir: 4L / Cold Tank: 5L / Hot Tank: 2L

Burn Prevention Function
A safety device prevents accidental hot water extraction by 0.5 liter.

Electricity Save Function
A brightness sensitive sensor reduces energy waste.



JULIET-4
W370 x D410 x H1300
20L Reservoir / 5L Cold Tank / 4L Hot Tank

JULIET-4B
W370 x D410 x H670
4L Reservoir / 5L Cold Tank / 2L Hot Tank

Big & Tall Size POU Water Cooler

POU Water Cooler for Restaurants, Offices, and Schools

W2-340 series



The Filter System is Customizable.

W2-340
W340 x D400 x H1240
10L Reservoir / Hot Tank: 7 Cold Tank: 5L

W2-340E
W340 x D400 x H1240
Hot Tank: 7 Cold Tank: 5L

W2-340S
W340 x D400 x H1240
Hot Tank: 7 Cold Tank: 5L

W2-340H
W340 x D400 x H1240
Hot Tank: 7 Cold Tank: 5L

W2-360 series



The Filter System is Customizable.

Excellent Purifying Efficiency

It supplies clean and pure water that passes through WACO Corp.'s certified filtration system.

Big sized POU Water Cooler

W2-360
W360 x D400 x H1240
10L Reservoir / Hot Tank: 7 Cold Tank: 5L

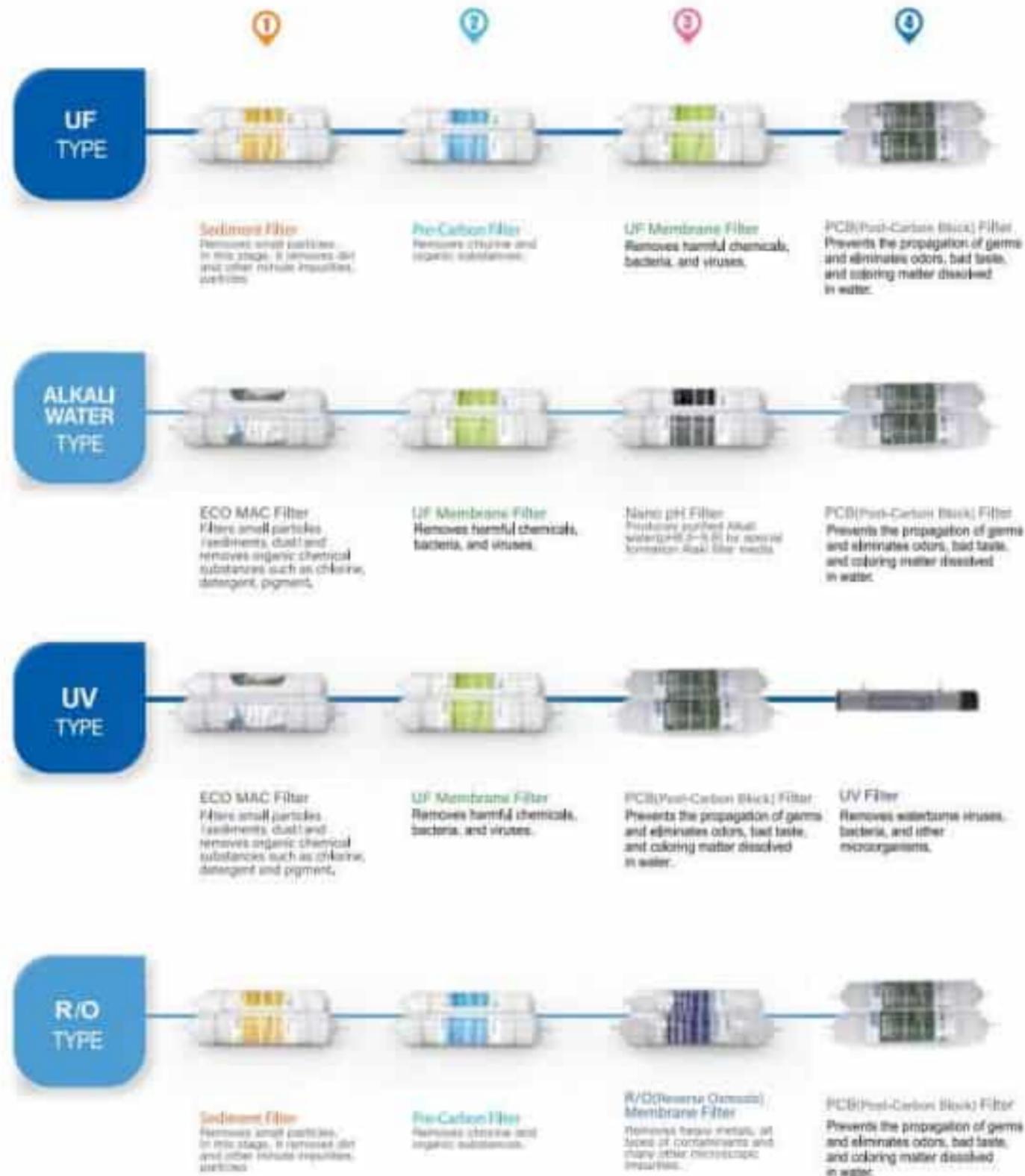
W2-360E
W360 x D400 x H1240
Hot Tank: 7 Cold Tank: 5L

W2-360H
W360 x D400 x H1240
Hot Tank: 7 Cold Tank: 5L

Optional Filter System for POU Water Cooler

[OPTIONAL 4-5 STAGE]

Filter Type



POU Customer Options

Standard Filter System

Various filter systems are available as customer options.

UF Type	1st Sediment Filter	2nd Pre-Carbon Filter	3rd UF Membrane Filter	4th PCB (Post-Carbon Block) Filter	5th (Optional) UV Filter
R/O Type	1st Sediment Filter	2nd Pre-Carbon Filter	3rd R/O Membrane Filter	4th PCB (Post-Carbon Block) Filter	5th (Optional) UV Filter
Nano pH Type	1st Sediment Filter	2nd Pre-Carbon Filter	3rd Nano pH Filter	4th PCB (Post-Carbon Block) Filter	5th (Optional) UV Filter
Alkali Type	1st ECO MAC Filter	2nd UF Membrane Filter	3rd Nano pH Filter	4th PCB (Post-Carbon Block) Filter	5th (Optional) UV Filter

Filter Customization

In-Line Type

Filter components can be customized with compressed in-line water filters based on customer requirements.



Quick Change Type

Quick change-over filter systems can be applied to in-line systems.



Patent System: SIS (Silver Ion Sterilizer)

SIS

The patented silver ion sterilizer system removes salt-soluble water.



Patent System: Leak Detector

HW-PR 101 & HW-PR 102

The optional leak detector has a sensor to detect water leakage.



UV Filter for Sterilization

UV (4W) & UV (6W) Filter

The optional built-in sterilization filter removes salt-soluble water.



Patent System: UV LED in the Tank

UV LED

Advanced UV LED technology prevents secondary contamination in the tank and on the reservoir head and ensures safe drinking water.



UNDERSINK UV SYSTEM (BOX TYPE)

Integrated Filter, Faucet, Sensor

UV



HW-LP-UV9



HW-LP-RO

Pure & Clean Water!

UV light eliminates bacteria by destroying their DNA core, effectively removing E. Coli, Salmonella, Hepatitis, and other harmful microorganisms.



UV Auto-Controller

The Ultra-Violet Water Purifier: A Cutting-Edge Innovation

Model Name : HW-LP-UV9

Filter system: ECO MAC + UF Plus + UV Sterilization & control system

• Optional filter system is available

Soft LED Light



Optional Filter System



*Highlight your space
with its soft LED light*

Product Feature

- LED logo light and UV filter are automatically controlled for convenience.
- LED lights activate only during water flow.
- UV filter operates only when water passes through, ensuring efficiency.
- Quick and twist filters (HQ9 series) for easy replacement.
- Supplies clean and safe drinking water through certified filters and UV system.
- Enhanced filtering capacity for superior performance.
- Equipped with SUS faucet (3/8" - 12mm).
- Optional filter system available for customization.
- Durable tempered glass front panel for long-lasting use.
- Designed for easy installation and maintenance.

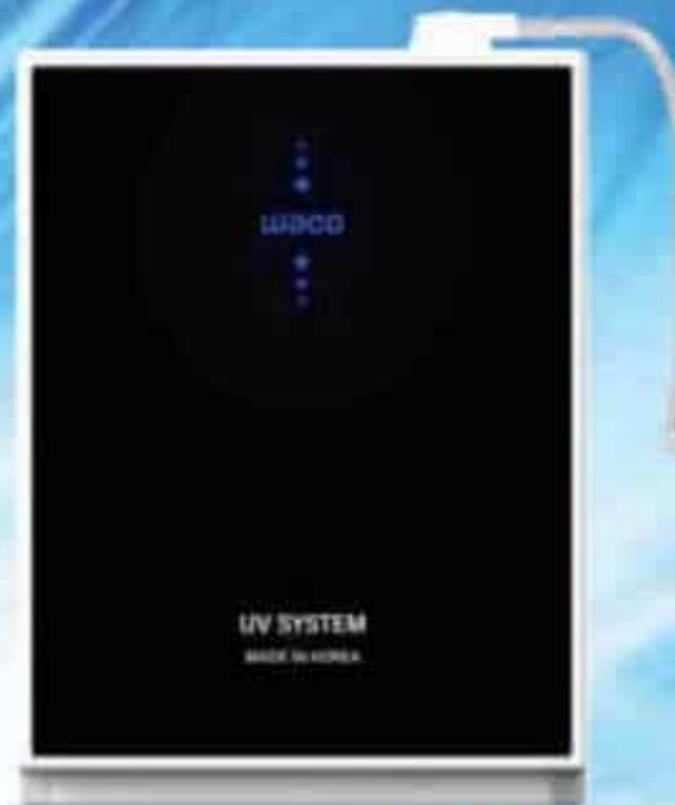
*Quick and Soft
Filter change*



ALKALI WATER IONIZER (BOX TYPE)

Product Features

- Leveraging WACO Corp.'s advanced technology, we have developed a high-quality water purifier featuring an easy-to-control soft faucet valve with a static touch sensor.
- Modern and Simple Design



Model Name : HW-AP500 Series

Advantage of Alkali Water

- Helps manage diabetes
- Reduces skin aging and alleviates atopic symptoms
- Relieves constipation
- Neutralizes free radicals
- Lowers cholesterol levels
- Reduces bad breath and alleviates tonsillitis symptoms
- Prevents skin diseases



High-End Water Purifier

UNDERSINK WATER PURIFIER (BOX TYPE)

Special Tempered Glass Panel



HW-UP Series

Optional Filter System



Model Name : HW-UP Series

- HW-UP100(M) : RO Purifier System (with Booster Pump)
- HW-UP200L : UF Purifier System
- HW-UP200A : Nano Purifier System
- HW-UP200N : Nano Purifier System
- HW-UP300M : Tankless RO Purifier System

On-Counter / Undersink Water Filter System (Optional)

The front panel of the HW-UP series features a durable tempered glass design. User-Friendly: Easy to install and operate. High-Quality Filter System: Developed using WACO Corp.'s advanced technology. Optional Filter System: Compatible with R/O filters ranging from 50 to 300 GPD (50, 75, 100, 150, 300 GPD).

HW-UP 300 : Tankless R/O System

Tankless R/O system equipped with a high-capacity 300GPD RO membrane filter. -Average Flow Rate(GPD) : 300GPD



Optional Filter System

R/O / UF / Nano

UNDERSINK WATER PURIFIER (BOX TYPE)



HW-RP

HW-RP

Optional Filter System



Model Name : HW-RP Series

- HW-RP100(M) : 4 Stage RO System with Booster Pump
- HW-RP200L : 4 Stage UF System
- HW-RP200N : 4 Stage Nano System

Model Name : HW-NP Series

- HW-NP100(M) : 4 Stage RO System with Booster Pump
- HW-NP200L : 4 Stage UF System
- HW-NP200N : 4 Stage Nano System

On-Counter / Undersink Water Filter System (Optional)

User-Friendly: Easy to install and operate. High-Quality Filter System: Developed using WACO Corp.'s advanced technology. Optional Filter System: Compatible with RO filters ranging from 50 to 300 GPD (50, 75, 100, 150, 300 GPD).

HW-RP / NP : Tankless R/O System

Tankless RO system equipped with a high-capacity 300GPD R/O membrane filter. -Average Flow Rate(GPD) : 300GPD



Optional Filter System

R/O / UF / Nano

Undersink Water Purifier R/O System 5-8 Stages

R/O / UF Filter System HR-800 Series



Operational Parameters

Operating Temperature
Maximum: 112°F (40°C) Minimum: 40°F (4°C)
Operating Pressure
Maximum: 100psi Minimum: 30psi
pH Range
Maximum: 10.0 Minimum: 4.0

Specifications

Production
15GPD (at 77°F Water Temp)
Filter System
Max - GAC - CTO - R/O Membrane - TCR

HR-800D1
3 Stage R/O Filtration System with Pump



Operational Parameters

Operating Temperature
Maximum: 112°F (40°C) Minimum: 40°F (4°C)
Operating Pressure
Maximum: 100psi Minimum: 30psi
pH Range
Maximum: 10.0 Minimum: 4.0

Specifications

Production
15GPD / 10GPD (at 77°F Water Temp)
Filter System
Max - GAC - CTO - R/O Membrane - TCR

HR-800D2
3 Stage R/O Filtration System with Pump



Operational Parameters

Operating Temperature
Maximum: 104°F (40°C) Minimum: 40°F (4°C)
Operating Pressure
Maximum: 50psi Minimum: 30psi
pH Range
Maximum: 10.0 Minimum: 4.0

Specifications

Production
Purification Capacity varies by water quality
Filter System
Max - GAC - CTO - UF Membrane - TCR

HR-800D3
4 Stage UF Filtration System



Operational Parameters

Operating Temperature
Maximum: 104°F (40°C) Minimum: 40°F (4°C)
Operating Pressure
Maximum: 50psi Minimum: 30psi
pH Range
Maximum: 10.0 Minimum: 4.0

Specifications

Production
15GPD / 10GPD (at 77°F Water Temp)
Filter System
Max - GAC - CTO - R/O Membrane - TCR - UV Filter

HR-800D4
5 Stage R/O Filtration System with UV & Pump



Operational Parameters

Operating Temperature
Maximum: 112°F (40°C) Minimum: 40°F (4°C)
Operating Pressure
Maximum: 100psi Minimum: 30psi
pH Range
Maximum: 10.0 Minimum: 4.0

Specifications

Production
15GPD / 10GPD (at 77°F Water Temp)
Filter System
Max - GAC - CTO - R/O Membrane - TCR

HR-800M D1
3 Stage R/O Filtration System with Pump Stand Type



An ideal kit for sales person for demonstration to customers about the difference between tap water (or source water) and pure water.

Portable R/O Kit For Demonstration
1400 x 1200 x 200mm / 7kg

Filtration System
Stage 1: Sediment Filter
Stage 2: Pre-Carbon Filter
Stage 3: R/O Membrane Filter
Stage 4: Post-Carbon Filter

QUICK CHANGE Ultimate Water Filter System

HQ7 4 Stage

Easy Installation, Easy Filter Replacement.

Maximize your space with a compact design.



HQ7 11 inch



HQ7 9 inch

Home Use Water Filter

- Unique Filter Design
- Easy and Quick Filter Replacement
- Automatic Shut-Off Valve Head
- Equipped with 1/4" Water Tubing

*Compatible filter system available based on customer demand.



HQ7-4F (UF System) 4 Stage
*Substrate + PCB +
UF Membrane + Post Carbon Filter



HQ7-4FR (R/O System) 4 Stage
*Substrate + PCB +
R/O Membrane + Post Carbon Filter



HQ7-4FRS (UV System)
R/O 4 Stage With Pump

Catch the Pure Water!

Optional
New Generation Filter System
* UV Sterilizer Filter Option

- No Electricity Required
- Clean and Fresh Water
- Space-Saving Compact Design
- Quick and Easy Filter Replacement

Effectively removes dirt, rust, taste, odor, chlorine, viruses, bacteria, and E. Coli.

- No Tools, No Water Spillage
- Easy Filter Replacement
- Made Of FDA CFR21 Compliant Material

HQ7 R/O Package System



QUICK CHANGE Ultimate Water Filter System

HQ7 1/2/3 Stage

HQ7 1/2/3 Stage

*Customizable filter system available based on customer demand.

1/4" Connector

HQ7 3 Stage 9 inch / 11 inch



No Electricity Required
Clean and Fresh Water
Space-Saving Compact Design
Quick and Easy Filter Replacement

Customizable Filter System

Superior Purification Performance

HQ7 COMPOUND FILTER SYSTEM



Combo UF Plus

3 in 1 Filter
Sediment filter
+ UF membrane filter
+ Carbon filter



HQ7 1 Stage 9 inch / 11 inch



HQ7 2 Stage 9 inch / 11 inch

Mult UF Plus

2 in 1 Filter
UF membrane filter
+ Carbon block filter



QUICK CHANGE Ultimate Water Filter System

HQ9 1/2/3 Stage

HQ9 1/2/3 Stage

3/8" Connector

HQ9 1 Stage

Quick and Soft
Filter change

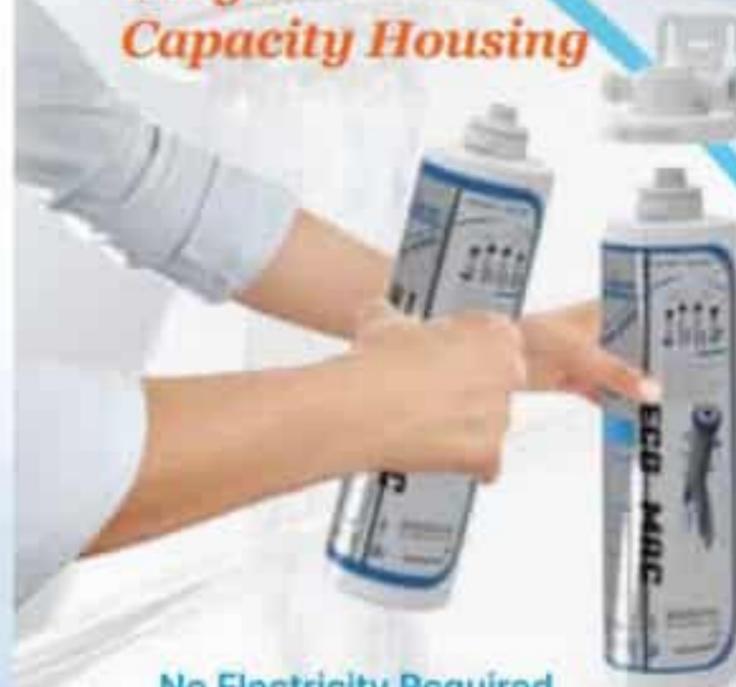


Commercial Use Water Filter

- Easy, quick and convenient to replace filters
- Fully customizable filter system
- Various filter system
- Dramatic improvement of the water quality



Large-Capacity Housing



No Electricity Required
Clean and Fresh Water
Space-Saving Compact Design
Quick and Easy Filter Replacement

Effectively removes dirt, rust, taste, odor, chlorine, viruses, bacteria, and E. Coli.

- No tools, No Water Spillage
- Easy Filter Replacement
- Made of FDA CFR21 Compliant Material

HQ9 2 Stage



HQ9 3 Stage

WATER PITCHER

Water Pitcher

- * Simplify Tap Water Purification
- * Easily Fill 3.5L of Fresh Water in a Single Go
- * Easily Monitor Filter Life with the Indicator
- * Enjoy Cleaner Water with the Selective Filter
- * Improve the Taste of Food with Purified Cooking Water

Enhanced Water Purification With Customizable Filter Options!

Possible to improve the drinking water quality effectively by selectively choosing the exclusive filters for Water Pitcher depending on the water conditions.



Filter Replacement Indicator



ALKA-UF Exclusive Filter for Water Pitcher (UF + Alkali Ball Combined Filter)

Designed to remove minute impurities, bacteria, heavy metals, and chemicals while producing oxygen-rich alkaline water.



ECO-Combo Exclusive Filter for Water Pitcher (Carbon + Resin Combined Filter)

Effectively removes chlorine and organic impurities, reduces water hardness and heavy metals, and improves water taste.

BIO-ALKA Exclusive Filter for Water Pitcher (Carbon + Alkali Ball Combined Filter)

Removes chlorine and organic impurities, improves water taste, and produces oxygen-rich alkaline water.

Enjoy safe and clean drinking water with a cost-effective water pitcher.

HWP-105
Capacity | 3.5L
W25.3 x D19 x H27.8

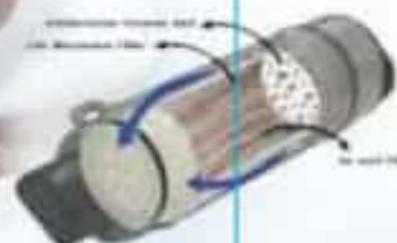
PORTABLE WATER PURIFICATION SYSTEM

Life water filter

Clean water supply for Outdoor!

Highly portable & Lightweight

* Life antibacterial filter applied



Life Water Filter - I



Large Type & Compact Type

- * Compact, lightweight, and easy to carry.
- * Capable of purifying water from rivers, lakes, or underground sources.
- * Equipped with a Life membrane filter to effectively remove bacteria.
- * Features antimicrobial materials for added safety.
- * The Life water filter includes a special air vent filter for water water reuse.



Treated Water with Life Water Filter Powered by Gravity

Portable Water Filter System with Foldable Water Bottle & Water Bag (optional)



Life Water Filter - II

BOTTLED WATER COOLER

W2-100 series



W2-170
 1800 x 500 x 1100
 Hot/Cold/Chilled



W2-150
 1800 x 500 x 1100
 Hot/Cold/Chilled



W2-170S
 1800 x 500 x 1100
 Hot/Cold/Chilled

Advanced Design

Various Color Options!



Whole House POE (Point-of-Entry) Water Treatment Systems



Whole House Nano System
 1800 x 700 x 1200

- Max. 5-Stage Nano Filtration System
- Easy installation with a compact structure for confined areas
- Customizable water treatment capacity per day (8, 30 tons, etc.)
- Automatic Control System
- Automatic Backwash
- Automatic Operation with Inverter Pump (Optional)
- UV Sterilization System (Optional)



HRO-Series
 1200 x 700 x 1400

- Max. 7-Stage RO System
- Easy to install and move with a compact structure
- Customizable water treatment capacity per day (5, 8, 15, 22 tons, etc.)
- Automatic system control powered by PLC
- Automatic filter cleaning
- Smart remote control and monitoring system (Optional)



COMMERCIAL R/O SYSTEM



HRO-8/15/22

Features of HRO

The HRO system, utilizing advanced Reverse Osmosis technology, is designed to provide clean and safe water for entire households, schools, public offices, and various other applications.

Low-Pressure, High-Flow RO Membrane

Minimizes pump pressure and noise while maintaining a high salt rejection rate.

Easy Operation

Simple one-step operation and control system.

Compact Design

Wall-designed for easy connection to inlet, outlet, and drain lines.

Inflow Control & TDS Indicator

Allows monitoring of water flow with a flow meter and checking TDS levels of treated water on the display.

UV Sterilizer

The UV filter system prevents secondary contamination of treated water after the RO process.



Compact RO System
300W x 200D x 1750H

- Max 7-Stage R/O Water Treatment System
- Easy installation with a compact structure for confined areas
- Produces up to 8 tons of water per day
- Automatic system control powered by PLC
- Automatic backwash function
- Smart remote control and monitoring system (Optional)



CSRO-H
220W x 400D x 1700H

- The Most Compact R/O System
- Easy installation and operation in small spaces
- Automatic system control powered by PLC
- Equipped with US-made Procon Pump and Marathon Motor
- Upgradeable with pre-filtration systems, including water softeners



HCR0-600G

- Max 8-Stage R/O Water Treatment System
- Produces up to 3 tons of water per day
- Easy installation, mobility, and operation
- Cabinet frame with 11G water tank

COMMERCIAL R/O SYSTEM

Compact design enables installation in small spaces.



HCR0-600G

- Max 7-Stage R/O Water Treatment System
- Produces up to 2.2 tons of water per day
- Easy installation, mobility, and operation
- Equipped with a standing bracket and 11G tank



HCR0-300G

- Max 7-Stage R/O Water Treatment System
- Produces up to 1.1 tons of water per day
- Easy installation, mobility, and operation
- Equipped with a standing bracket and 11G tank



COMMERCIAL UF SYSTEM

Compact design enables installation in small spaces.



HCUF-5T

- Max 5-Stage UF Water Treatment System
- Produces up to 5 tons of water per day
- Easy installation, mobility, and operation
- Equipped with a standing bracket



HCUF-10T

- Max 5-Stage UF Water Treatment System
- Produces up to 10 tons of water per day
- Easy installation, mobility, and operation
- Equipped with a standing bracket



HCUF-UV-5T

- Max 6-Stage System with 16W UV
- Produces up to 5 tons of water per day
- Easy installation, mobility, and operation
- Equipped with a standing bracket



LCUFL-UV-10T

- Max 6-Stage System with 10W UV
- Produces up to 10 tons of water per day
- Easy installation, mobility, and operation
- Equipped with a standing bracket

WATER BOTTLE VENDING MACHINE & PUBLIC WATER STATION

PATENT APPLICATION

No. 10-1863712

No. 10-18115636

Product Features

- Water Bottle Vending Machine and Public Water Station that help reduce plastic waste and contribute to environmental preservation.
- The digital signage screen can display advertisements to generate revenue.
- These machines supply safe drinking water through optional big housing filters.
- These Water Bottle Vending Machine & Public Water Station supply a precise amount of chilled bottled water through an automatic detection and direct cooling system. Moreover, these systems can be customized to include an easy-payment system via a touch panel.



Water Bottle Vending Machine



UV Sterilization Unit

Public Water Station



Automatic Sensor



QR Code Reader



Bottle Cleaning Unit



Convenient Touch Panel



Digital Signage Screen

Safety Water Supply System



PORTABLE BOTTLED WATER FACTORY

Fully automated system suitable for one-man factories, small-scale water factories, military operations, large hotels, resorts, and corporate facilities.



This equipment performs the entire mineral water bottling process in a single unit. The Portable Mineral Water Factory is designed for automatic filling of 3-gallon or 5-gallon bottles. This all-in-one system is ideal for small-scale factories or one-man operations. An optional Reverse Osmosis water purification system can be added to ensure clean and safe drinking water, especially in areas with poor raw water quality.



Portable Bottled Water Factory

- Equipped with a HEPA filter air purification system to maintain a clean and hygienic production environment.
- Includes UV filter and UV lamp for sterilizing mineral water and bottle caps, preventing secondary contamination.
- Optional ozone water system available for bottle sterilization.

- Full Automatic Operation
- Easy Start-up
- Compact Design
- Various Application
- Optional filter system



Group Water Supply System

- Instant cooling system ensures unlimited cooling capacity. No reservoir tank required, preventing secondary contamination.
- No reservoir tank required, preventing secondary contamination.
- Air-cooled tubing operates silently, minimizes malfunctions, and reduces power consumption (no fan motor required).
- Push-type safety bubbles designed for user convenience.

Portable Mineral Water Vending Machine



- Enables drinking water sales anytime via a payment system.
- Supports various optional payment methods (coin, bill, IC card, etc.).
- Fully automated operation managed by a PLC (Programmable Logic Controller).
- Dual UV sterilization system ensures clean and hygienic usage.
- Produces and sells drinking water in real time without storage.
- Equipped with a submersible pump for low-noise operation, ideal for indoor installations.

SS WATER COOLER

Stainless Steel Water Cooler



Safety Bubbler

Auto-Return Faucet

Direct Chilling Water Cooler & Purifier

Safe & Pure Water Supply

IP33 Rating



IP33 Rating Water-Proof & Dust-Proof

WACO's SS Water Cooler is perfectly suited for public spaces such as offices, schools, hospitals, hotels, exhibit halls, and other locations, offering superior capacity and energy efficiency.

- **Auto-Return Faucet**
Zero waste water ensured by the auto-return faucet.
- **Safety Bubbler**
No safety concerns with the teeth-protecting safety bubbler.
- **Direct Chilling Water Cooler & Purifier**
Provides chilled water through an advanced instant chilling system.
- **Safe & Pure Water Supply**
Delivers safe and pure water with advanced purification technology. Features easy maintenance with quick-change water filters (Optional).
- **IP33 Rating**
Water-proof and dust-proof design suitable for outdoor use.

Safe & Pure Water Supply



Optional Filter System!

Direct Chiller

- Provides unlimited cooling capacity.
- Features a digital temperature controller for precise adjustments.
- Constructed with a durable, corrosion-resistant outer casing.
- Equipped with a low-noise motor, ideal for indoor installations.
- Designed for convenient and easy maintenance.



INDUSTRIAL RO SYSTEM



Features of HIRRO

The HIRRO system operates automatically through PLC control, allowing real-time monitoring of system operations and any issues via the graphical interface below. Additionally, the permeate water condition is continuously monitored online using a TDS meter.



- **High Water Production Rate (Water Flux):** Features a high salt removal rate, chemical stability across a wide pH range, and the application of a high-flux RO membrane.
- **Automated Operation:** Designed to handle all processes automatically with a single operation using a purification process program. The microprocessor-based program is simpler and more accurate compared to traditional relay operation systems.
- **Compact Design:** The skid-type case allows for easy mobility, and the system produces treated water immediately upon connection of the inlet, outlet, and drain lines.



- Raw Water Pump
- Dual Media Filter Unit
- Micro Cartridge Filter
- High pressure Pump
- R/O. Modules

HIRRO 50-200 (on/cation)



INDUSTRIAL R/O SYSTEM

WACO Corp.'s industrial system is an ideal choice for its proven reliability, simple design, and responsive support.

INRO 7-70 ton

Features of INRO

- Low-pressure, high-flux RO membrane
- Efficient auto-flushing
- Versatile product water suitable for various applications
- Simple installation and easy mobility
- Compact design to minimize space requirements



INRO 20 ton



Dual RO System



EDI System

Optimal System for Various Applications

We deliver tailored solutions by assessing client-specific requirements and capacity needs, combining advanced RO technology with an optimized pretreatment system.

Easy Installation

The RO desalination system package is designed for quick installation and easy mobility, producing treated water immediately after connecting the pipeline.



Sea Water Reverse Osmosis Desalination

INDUSTRIAL WATER TREATMENT SYSTEM

This system provides water for everyday use, such as cleaning, washing, and bathing, and is ideal for high-consumption areas like large houses, schools, factories, and commercial buildings. Basic and optional filtering system efficiently treats raw water to provide optimal water quality for everyday use.

Customized Optimal Systems

We provide the best solution tailored to client needs and required capacity through our optimal pretreatment system.



Optimal System for Various Applications

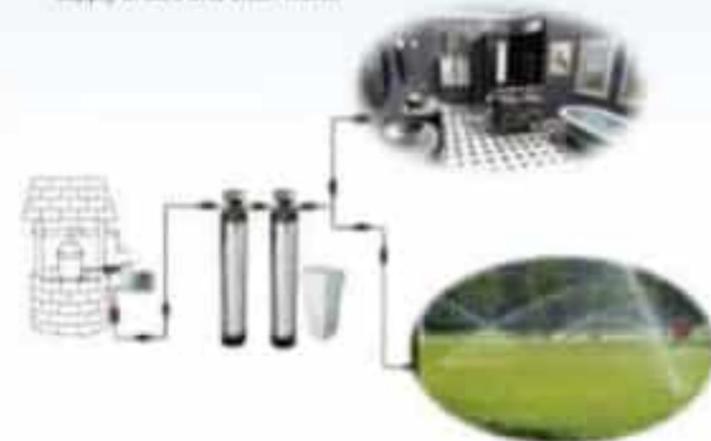
These systems are installed at the main water supply line, where water first enters the home.

The pretreated water is distributed to all sinks, baths, showers, washing machines, and toilets, ensuring comprehensive coverage throughout the entire house.

Industrial Water Treatment System – Arsenic Removal

The water treatment system is designed to supply large volumes of water for daily use, such as cleaning, washing, and bathing, in high-demand areas like large houses, schools, factories, and commercial buildings.

A DE Arsenic Filter System can be added to the pretreatment system to effectively remove harmful arsenic from raw water, ensuring the supply of safe and clean water.



Water treatment system

POU SILVER ION STERILIZATION

SIS SILVER ION STERILIZER
for Point of Use Water Cooler



<SIS STERILIZATION TEST>

The Basic Principle of the SIS POU Sanitization System,
Silver Sanitization (antibiotics) Mechanism
The Paradigm of the Silver



PATENT APPLICATION
No.
20-0460122

A Breakthrough in Point-of-Use Sanitization
Leveraging the latest advances in POU sanitization techniques, WACO Corp. proudly introduces SILVER IN-LINE SANITATION (SIS).

A Semiconductor automatically generates a direct electric current at regular intervals, producing silver anions. These anions effectively eliminate bacteria, microbes, and viruses present in water.

EMERGENCY DRINK WATER SUPPLY SYSTEM

Capable of Removing All Radioactive, Nuclear, Biological, and Chemical (NBC) Contaminants.

Portable Water Purification System

The EMRO series portable water purification system is a vehicle-mounted product featuring a high-speed water purification system. It is highly suitable for emergency response during natural disasters, warfare, or other crises requiring a reliable water supply.

PATENT APPLICATION

No.
10-1374856

- Reverse Osmosis System with a maximum capacity of 125L/h. Vehicle-mounted portable water purification system with a treatment capacity of over 125 liters per hour.
- Standalone system requiring no additional devices and operable without an external power supply.



River & Lake

EMRO-10R (River & Lake)
W460 x D730 x H580



EMRO-30E (River & Lake)
W460 x D730 x H580

- Reverse Osmosis System with a maximum capacity of 125L/h. Features the same purification capacity as gasoline engine types. Capable of providing sufficient drinking water for 30 to 200 people.
- Electric-powered design for reliable operation.

Sea & River

- Reverse Osmosis System with a maximum capacity. The EMRO-20S delivers up to 90 liters per hour of treated water from seawater and up to 200 liters per hour from rivers and lakes.
- Specifically designed for use on boats.



EMRO-20S (Sea & River)
W450 x D650 x H580

Operable Without External Power Supply

NON POWERED PORTABLE R/O WATER PURIFICATION EQUIPMENT

RO
Commercial USE RO system

Capable of Removing All Radioactive, Nuclear, Biological, and Chemical (NBC) Contaminants.



PATENT APPLICATION

No. 10-1266229

YPRD-301
W37 x D38 x H100

Handle-Powered Equipment

- Operate by manually turning the handle to generate pressure, no power connection required.
- Compact and lightweight (8.3 kg), maximizing mobility and portability.
- Capable of purifying water from rivers, lakes, or underground sources.
- Designed for non-electric operation, making it usable without an external power supply.

OPTION : Carrier type or backpack type.

A. Electric

- Powered by a pressurized pump with an AC adapter, this system operates efficiently in areas with AC 100-220V power availability.

B. Non-Powered (Mechanical)

- Manually spin the handle to generate pressure and operate the equipment without requiring a power connection. The simple mechanical structure ensures reliability with minimal risk of failure.
- Constructed with a durable PP hard case, it is solid yet lightweight, making it easy to carry with its compact design.



Electric Drive

Non-Powered Drive

ULTRA PURE WATER SYSTEM

Applications of purified water for drinking water safety

RO
Commercial USE RO system



Auto Controller & Auto Flushing Function

Leak Detector senses

Dual TDS Monitor

2-WAY water outlet

Lab Water System

An optimal solution for laboratory and medical applications.

- Delivers water quality that fully meets laboratory demands.
- Equipped with an advanced R/O system integrated with a deionization system.
- Features fully automated control for user convenience.
- Designed for easy maintenance and long-term reliability.

Applications

- Pharmaceutical Industry
- Analytical and Research Laboratories
- Drug Screening Laboratories
- Clinical Testing Laboratories
- Biotechnology Industry

HRZ-100 • Power : 220V / 60Hz
• Size : 450 W x 400 L x 930H
• G.Weight : 37kg



WATER FILTERS

Sediment Filter



The sediment filter is designed to remove dirt, dust, and particulates from water.

Model No.	Length	Type	Diameter	Description
WFF-1001	2"	Hoop	2.5"	*Flow rate: 0.22GPM @ 1.5 PSI *Working Pressure: 1.5-100psi *Temperature: 40-120°C *Service Life: 3-6 months
	3"			
	11"			
	12"			

Post-Carbon Filter



The post-carbon filter removes residual impurities, chlorine, and odors from pre-carbonated water using high-grade activated carbon. It prevents bacterial population and eliminates unpleasant smells, tastes, and pigments.

Model No.	Length	Type	Diameter	Description
WPF-1001	2"	Hoop	2.5"	*Flow rate: 0.22GPM @ 1.5 PSI *Working Pressure: 1.5-100psi *Temperature: 40-120°C *Service Life: 3-6 months
	3"			
	11"			
	12"			

TCR Filter



The TCR filter uses high-grade activated carbon to remove residual chlorine, odors, and tastes from pre-filtered water, enhancing the overall taste of water and providing fine water conditioning.

Model No.	Length	Type	Diameter	Description
WTF-1001	2"	Hoop	2"	*Flow rate: 0.22GPM @ 1.5 PSI *Working Pressure: 1.5-100psi *Temperature: 40-120°C *Service Life: 3-6 months
	3"			
	11"			
	12"			

UF Membrane Filter



The UF membrane filter removes high molecular weight substances, coliform bacteria, viruses and protozoa, polymer molecules, and bacteria using 0.22µm, while retaining minerals.

Model No.	Length	Type	Diameter	Description
WUF-1001	2"	Hoop	2.5"	*Flow rate: 0.22GPM @ 1.5 PSI *Working Pressure: 1.5-100psi *Temperature: 40-120°C *Service Life: 3-6 months
	3"			
	11"			
	12"			

Pre-Carbon Filter



The pre-carbon filter uses high performance activated carbon to remove chlorine, odors, organic contaminants, pesticides, and chemicals that affect taste and smell.

Model No.	Length	Type	Diameter	Description
WPCF-1001	2"	Hoop	2.5"	*Flow rate: 0.22GPM @ 1.5 PSI *Working Pressure: 1.5-100psi *Temperature: 40-120°C *Service Life: 3-6 months
	3"			
	11"			
	12"			

PCB (Post Carbon Block) Filter



The post-carbon block filter removes residual impurities, chlorine, and odors from pre-carbonated water to enhance its taste.

Model No.	Length	Type	Diameter	Description
WPCB-1001	2"	Hoop	2.5"	*Flow rate: 0.22GPM @ 1.5 PSI *Working Pressure: 1.5-100psi *Temperature: 40-120°C *Service Life: 3-6 months
	3"			
	11"			
	12"			

MF Membrane Filter



The MF filter removes small particles, dirt, needle spurities, chemicals, and bacteria including Giardia, Cryptosporidium, and E. coli.

Model No.	Length	Type	Diameter	Description
WMF-1001	11"	Hoop	2.5"	*Flow rate: 0.22GPM @ 1.5 PSI *Working Pressure: 1.5-100psi *Temperature: 40-120°C *Service Life: 3-6 months
	12"			
	11"			
	12"			

R/O (Reverse Osmosis) Membrane Filter



The R/O membrane filter removes pollutants such as heavy metals, viruses, bacteria, and organic chemicals through porous walls as small as 0.0001 µm-0.0002000µm the thickness of a pump head.

Model No.	GPD	Length	Diameter	Description
WRO-1001	20	11"-12"	2.5"	*Flow rate: 0.22GPM @ 1.5 PSI *Working Pressure: 1.5-100psi *Temperature: 40-120°C *Service Life: 3-6 months
	75			
	99			
	200			

Nano-pH Filter



The Nano-pH filter uses a specially formulated composite alkali media to produce purified alkaline water (pH 8.0-9.5). Reduces sodium and removes active chlorine.

Model No.	Length	Type	Diameter	Description
WNP-1001	2"	Hoop	2.5"	*Flow rate: 0.22GPM @ 1.5 PSI *Working Pressure: 1.5-100psi *Temperature: 40-120°C *Service Life: 3-6 months
	3"			
	11"			
	12"			

Mineral Filter



The mineral filter is designed to provide essential minerals for health using natural, antioxidant agents, hydroxyapatite, and 170 mineral salts. Removes harmful active chlorine (free radicals) and enhances essential minerals for good health. Provides safe drinking water with antioxidant and demineral (low Ag, 0.2PM).

Model No.	Length	Type	Diameter	Description
WMI-1001	2"	Hoop	2.5"	*Flow rate: 0.22GPM @ 1.5 PSI *Working Pressure: 1.5-100psi *Temperature: 40-120°C *Service Life: 3-6 months
	3"			
	11"			
	12"			

KDF Filter



KDF media is a high-purity copper-zinc formulation, certified by NSF, and made in the USA. The KDF process reduces or removes chlorine, iron, hydroquin sulfide, lead, mercury, copper, and chromium, while inhibiting the growth of bacteria, algae, and fungi.

Model No.	Length	Type	Diameter	Description
WKDF-1001	2"	Hoop	2.5"	*Flow rate: 0.22GPM @ 1.5 PSI *Working Pressure: 1.5-100psi *Temperature: 40-120°C *Service Life: 3-6 months
	3"			
	11"			
	12"			

DA (De-Arsenic) Filter



The De-Arsenic (DA) filter effectively removes harmful arsenic and heavy metals from active water by strong adsorption capacity.

The De-Arsenic media, with its extremely high adsorption capacity is formulated as a mechanically stable fixed type, making it suitable for a wide range of portable water applications to remove arsenic.

Model No.	Length	Type	Diameter	Description
WDA-1001	2"	Hoop	2.5"	*Flow rate: 0.22GPM @ 1.5 PSI *Working Pressure: 1.5-100psi *Temperature: 40-120°C *Service Life: 3-6 months
	3"			
	11"			
	12"			

Hydro-pH Filter



Effectively removes harmful active chlorine and produces antioxidant, hydroxyapatite and water with enhanced clarity.

Model No.	Length	Type	Diameter	Description
WHPH-1001	2"	Hoop	2.5"	*Flow rate: 0.22GPM @ 1.5 PSI *Working Pressure: 1.5-100psi *Temperature: 40-120°C *Service Life: 3-6 months
	3"			
	11"			
	12"			

Alka-Bio Filter



The Alka-Bio filter produces alkaline and antioxidant water using alkali media specially formulated with antioxidant hydrogen molecules, including small acid (alpha) acids (ascorbic, malic, and more).

Model No.	Length	Type	Diameter	Description
WAB-1001	2"	Hoop	2.5"	*Flow rate: 0.22GPM @ 1.5 PSI *Working Pressure: 1.5-100psi *Temperature: 40-120°C *Service Life: 3-6 months
	3"			
	11"			
	12"			

DI (De-Ionization) Filter



The DI filter removes dissolved mineral salts from water using ion-exchange resin, producing high-purity water without scale buildup. Ion exchange resin / Water Softening / Demineralization / Mixed Ion Exchange Resin.

Model No.	Length	Type	Diameter	Description
WDI-1001	2"	Hoop	2.5"	*Flow rate: 0.22GPM @ 1.5 PSI *Working Pressure: 1.5-100psi *Temperature: 40-120°C *Service Life: 3-6 months
	3"			
	11"			
	12"			

QD (Quantum Disinfection) Filter



Quantum Disinfection™ is a semi-permeable semi-composite membrane with activated surface that eliminates pathogens such as bacteria (E. coli, Staphylococcus, Legionella), viruses (H5N1) and protozoa (Cryptosporidium) from water without chemicals or resistants.

Model No.	Length	Type	Diameter	Description
WQD-1001	2"	Hoop	2.5"	*Flow rate: 0.22GPM @ 1.5 PSI *Working Pressure: 1.5-100psi *Temperature: 40-120°C *Service Life: 3-6 months
	3"			
	11"			
	12"			

Anti Scale Filter



Provides up to 95% efficiency in scale prevention, allowing no salt or chemical ingredients. Produces no backwash waste, making it suitable for areas where water efficiency is required. Environmentally friendly and reduces water consumption.

Model No.	Length	Type	Diameter	Description
WAF-001	9"	Fast 1/2" ID	2.2"	1. Flow rate: 1.0 GPM @ 1.5 PSI
	9"			2. Working Pressure: 1.540 kg/cm ²
	12"			3. Temperature: 1-40°C
	12"			4. Service Life: 12 months

Eco Combo Filter



Combination of sediment and carbon block. Effectively removes small particles, dirt, and other undesirable materials using a high-quality sediment filter with 5-5 micron precision. Also removes chlorine and organic contaminants.

Model No.	Length	Type	Diameter	Description
WCF-001	9"	Fast 1/2" ID	2.2"	1. Flow rate: 0.22 GPM @ 1.5 PSI
	9"			2. Working Pressure: 1.540 kg/cm ²
	12"			3. Temperature: 1-40°C
	12"			4. Service Life: 12 months

Multi UF Plus Filter



This filter combines a UF membrane and a carbon block filter in a specially designed configuration. It effectively removes these two filters while maintaining flow. Suitable for removing lead ions, chlorine, color, and bad taste.

Model No.	Length	Type	Diameter	Description
MUF-001	9"	Fast 1/2" ID	2.2"	1. Flow rate: 0.22 GPM @ 1.5 PSI
	12"			2. Working Pressure: 1.540 kg/cm ²
	12"			3. Temperature: 1-40°C
	12"			4. Service Life: 12 months

Eco Mac Filter



This filter combines sediment and carbon filter in a specialized design. It efficiently integrates the functions of these two filters, removing particles, bacteria, chlorine, color, and bad taste.

Model No.	Length	Type	Diameter	Description
EMF-001	9"	Fast 1/2" ID	2.2"	1. Flow rate: 0.22 GPM @ 1.5 PSI
	12"			2. Working Pressure: 1.540 kg/cm ²
	12"			3. Temperature: 1-40°C
	12"			4. Service Life: 12 months

Combo UF Plus Filter



This filter combines sediment, carbon, and UF membrane filter in a specially designed configuration. It can effectively remove these three filters while maintaining their functions, such as removing particles, bacteria, chlorine, color, and bad taste.

Model No.	Length	Type	Diameter	Description
CUF-001	9"	Fast 1/2" ID	2.2"	1. Flow rate: 0.22 GPM @ 1.5 PSI
	12"			2. Working Pressure: 1.540 kg/cm ²
	12"			3. Temperature: 1-40°C
	12"			4. Service Life: 12 months

R/O REVERSE OSMOSIS FILTERS



R/O Membrane Filters

R/O Membrane Filters remove pollutants such as heavy metals, viruses, bacteria, and organic chemicals through pores as small as 0.001 µm—1/1000,000th the thickness of a human hair.

Advantage

The thin-film membrane element is produced by DOW Chemical (USA). The membrane elements offer enhanced stability and a longer lifespan. Fully automated manufacturing ensures consistent quality assurance.

R/O Membrane Filters : 150 GPD / 300 GPD / 600 GPD

WACO Compact Reverse Osmosis (RO) membrane elements for home drinking water feature advanced membrane technology and advanced innovation. These elements provide reliable, consistent performance tested by equipment suppliers, water treatment dealers, and residential customers alike.

WACO Compact RO elements are shipped dry for easy handling and extended shelf life. They are certified to NSF/ANSI Standard 58 for quality assurance.



• Service Life : 18-24 months



• Service Life : 18-24 months



Industrial R/O Membrane Filter



WACO R/O Membranes

R/O Membrane Elements for Home Drinking Water

WACO R/O Membrane Specifications

Product	Rated Pressure (kg/cm ²)	Permeate Flow Rate (GPD/Day)	Minimum Feed Pressure (psi)	Standard Feed Diameter (in)
WACO-150	1.5	150	15	1.5
WACO-300	1.5	300	15	1.5
WACO-600	1.5	600	15	1.5
WACO-150	1.5	150	15	1.5
WACO-300	1.5	300	15	1.5
WACO-600	1.5	600	15	1.5

1. Permeate flow rate and feed pressure based on the following test conditions.
2. Permeate flow rate and feed pressure based on the following test conditions: 25°C (77°F) feed water, 1.5 PSI feed pressure, and 1.5 PSI permeate pressure.
3. Permeate flow rate and feed pressure based on the following test conditions: 25°C (77°F) feed water, 1.5 PSI feed pressure, and 1.5 PSI permeate pressure.
4. Permeate flow rate and feed pressure based on the following test conditions.



Model	A	B	C	D	E	F
WACO-150 Membrane	41.0	11.0	100.0	271.0	200.0	20.0
WACO-300 Membrane	46.0	11.0	100.0	271.0	200.0	20.0
WACO-600 Membrane	61.0	11.0	100.0	271.0	200.0	20.0
WACO-150 Membrane	41.0	11.0	100.0	271.0	200.0	20.0
WACO-300 Membrane	46.0	11.0	100.0	271.0	200.0	20.0
WACO-600 Membrane	61.0	11.0	100.0	271.0	200.0	20.0

Operating Limits

Membrane Type
Maximum Feed Water Temperature
Maximum Feed SR Density Index(SDI)
Feed Chlorine Tolerance
Maximum Operating Pressure
Maximum Feed Flow Rate
pH Range: Continuous Operation

Polyamide Thin-Film Composite
(12°F (40°C)
+ 5
+ 0.1 ppm
125 psig (8.6 bar)
2.0 gpm (7.6 lpm)
2.5 - 10.0



1-Year Supply of
4-Stage Filters for
Home Use (1 Set)



FILTER CARTRIDGE · UV FILTER

Filter Cartridge



Micro PP (1µm/5µm/10µm) Filter Cartridge

- Micro PP cartridge removes sand, silt, dirt, and rust particles.
- Size: 10" / 20"
- Service Life: 3 Months



CTO (Carbon Block) Filter Cartridge

- Active Carbon Block: Reduces chlorine, lead taste, and odor, effectively removing lead smells from water.
- Size: 10" / 20"
- Service Life: 9 Months



UF Membrane Filter Cartridge

- UF membranes with 0.2µm-0.25 micron pores remove large molecules, coliforms, polymers, and bacteria, but retain minerals.
- Size: 10" / 20"
- Service Life: 12 Months



String Wound (5µm) Filter Cartridge

- String Wound Filter cartridge removes sand, silt, dirt, and rust particles.
- Size: 10" / 20"
- Service Life: 3 Months



KDF Filter Cartridge

- Removes chlorine, lead, mercury ions, and hydrogen sulfide from water supply.
- Size: 10" / 20"
- Service Life: 12 Months



Nano Membrane Filter Cartridge

- The Nano Membrane filter uses a specialized pleated film with 80% evenly distributed pores for optimal filtration.
- Size: 10" / 20"
- Service Life: 12 Months



GAC (Granular Activated Carbon) Filter Cartridge

- Removes lead, odors, chlorine taste, bad smells, and organic contaminants from water.
- Size: 10" / 20"
- Service Life: 12 Months



DI (DE-IONIZATION) Filter Cartridge

- The DI filter cartridge removes dissolved hardness from water using ion-exchange resin, producing high-purity water without scale buildup.
- Size: 10" / 20"
- Service Life: 6 Months

5 Inch Filter



Filter cartridge designed to remove dirt, sand, rust, and other solid particles. Made entirely from FDA-compliant materials.

UV Filter

*New Generation Filter
Simple, Easy, and Cost-Effective*



Catch the Pure! UV FILTER WITH PHOTOCATALYST STERILIZATION

- Photocatalyst:** Titanium dioxide is the most commonly used photocatalyst, triggering catalytic reactions when exposed to light. It is highly resistant to acids and alkalis, harmless to humans, and offers semi-permanent usability.
- Effects of Photocatalysis:** Photocatalysis provides antibacterial, disinfectant, and oxidizing effects when purifying drinking water through organic decomposition. It exhibits excellent sterilization performance, effectively eliminating bacteria and E.coli.
- Features:** Premium, durable design
1/4" quick-connect fittings for easy installation
Passed 100,000-cycle pressure aging test
Glue-free assembly for enhanced safety.
- Benefits:** Kills bacteria and E. coli
Features a safe design to withstand high water pressure ideal for household applications
Made from food-grade materials
Easy-to-replace UV lamp

SHOWER FILTER

Bathroom Accessories

Vitamin Shower Filter

Features & Advantages

- Perfect for individuals with sensitive skin affected by residual chlorine.
- Safe and suitable for newborns and children requiring daily showers.
- Provides benefits for coarse and dry skin.



Vitamin Shower Filter

Service Life: 2 months

Lavender Aroma Filter

Service Life: 2 months

Peach Aroma Filter

Service Life: 2 months

Rose Aroma Filter

Service Life: 2 months



KDF Shower Filter

Service Life: 4-6 weeks

- Removes a wide range of contaminants effectively.
- Reliable and cost-efficient.
- Enhances the lifespan and efficiency of carbon (GAC) filters.
- Performs consistently even at high water temperatures.



MicroMATRIX Shower Filter

Service Life: 4-6 weeks

- Combines Micro PP, Cu+, and lantzer technologies.
- Removes minute impurities like rust, soil, sand, and dust.
- Offers antibacterial effects through Cu+ combination.
- Cost-effective.

WATER SOFTENER

Household Water Softner Equipment



WWS-1017

Automatic control valve (1/2" x 1/2")
1017 Series with 1/2" x 1/2" valve
17" x 10" x 10" (H x W x D)
Capacity: 1,000,000 gal



WWS-1035

Automatic control valve (1/2" x 1/2")
1035 Series with 1/2" x 1/2" valve
20" x 10" x 10" (H x W x D)
Capacity: 2,000,000 gal



WWS-1044

Automatic control valve (1/2" x 1/2")
1044 Series with 1/2" x 1/2" valve
20" x 10" x 10" (H x W x D)
Capacity: 2,000,000 gal



WWS-1054

Automatic control valve (1/2" x 1/2")
1054 Series with 1/2" x 1/2" valve
20" x 10" x 10" (H x W x D)
Capacity: 2,000,000 gal



COMPONENTS



LEAK DETECTOR

**No More
Water Leaks!**

Non-Electrical

Product Features

No electricity required, ensuring low operational costs.
It can be installed in water purifiers and similar products that need a water leakage detection function.
This semi-permanent product is easy to maintain, requiring only the replacement of compressed fiber.



HW-PR 101



HW-PR 102

Feature

The Leak Detector is a reusable mechanical leakage protector.
When water leakage is detected, the valve automatically operates to shut off the water supply.
It is easily reusable by replacing the compressed fiber.
The compact design allows for installation with any device in any location.

Reducing Pressure & Check Valve

Features/Benefits

The pressure-limiting valve reduces high water pressure from the water supply.
It maintains a constant flow of water, even when supply water pressure fluctuates.

Application

The pressure-limiting valve is ideal for high-pressure systems to protect downstream components such as water filters, dishwashers, washing machines (to reduce water hammer), dispensers, ice makers, coffee machines, and R/O systems.



• Fiber Housing



WACO Corp. water filter housings are constructed from durable polypropylene or clear Styrene Acrylonitrile (SAN).

These filter housings are available in 10" and 20" lengths and can accommodate a variety of water filter cartridges.



• R/O Pump

This pump is designed for residential reverse osmosis system



R/O Booster Pump Series

PUMP Spec

DP125-300B	OUT WATER PRESSURE : 15Psi, FLOW : 500l/min, I : 3.45A
DP125-300	OUT WATER PRESSURE : 10Psi, FLOW : 500l/min, I : 3.6A
DP125-21	OUT WATER PRESSURE : 10Psi, FLOW : 300l/min, I : 3.7A
DP125-1000	OUT WATER PRESSURE : 125Psi, FLOW : 1100l/min, I : 3.85A
DP125-150	OUT WATER PRESSURE : 14Psi, FLOW : 1700l/min, I : 1.17A
DP125-200W	OUT WATER PRESSURE : 12Psi, FLOW : 300l/min, I : 3.8A
DP125-300W	OUT WATER PRESSURE : 17Psi, FLOW : 3700l/min, I : 7.5A

• R/O Component

• Water Pressure Tank



Steel Tank

Model No.	Description	PCS/CTN	Shp/Wt(Kg)
WT-104	3.2GAL steel tank-blue 1/4"NPT	1	4.16
WT-102	3.2GAL steel tank-white 1/4"NPT	1	4.16
WT-106	5.5GAL steel tank-blue 1/4"NPT	1	4.72
WT-106-2	5.5GAL steel tank-white 1/4"NPT	1	4.72
WT-110	11GAL steel tank-blue 3/4"NPT	1	8

Plastic Tank

Model No.	Working Pressure	Bottom air charge Pressure	Size (mm)
NPTL-20	30 PSI	5-7 PSI	243x243x330
NPTL-40	50 PSI	5-7 PSI	280x280x410

• PE Tubing

Size Available

PART No.	OD	ID	COIL LENGTH
HWP-TL-14	1/4"	0.170"	300M
HWP-TL-516	5/16"	0.302"	300M
HWP-TL-38	3/8"	0.250"	300M
HWP-TL-12	1/2"	0.372"	100M

Working Pressure and Temperature

Tube OD	Tube ID	Tube OD	Tube ID
1/4"	0.170"	1/2"	0.372"
5/16"	0.187"		
3/8"	0.25"		
11Psi~20Psi	17Psi~20Psi	17Psi~20Psi	17Psi~20Psi



• Pressure Reducer

Common specifications

Items	Standard Specifications
Design liquid	Purified water
Operating pressure (P1)	0.2~10kgf/cm ² (0.02~1.0MPa)
Reducing pressure (P2)	3kgf/cm ² ±10%
Rated flow	7.0l/min (P1: 0.2kgf/cm ² , P2: 3.0kgf/cm ² Setting)
Pressure resist (Water pressure)	10.5kgf/cm ² (1.05MPa)
Working Temperature	1~40°C
Valve construction	Diaphragm type
Mounting position	Free



NIPPLE TYPE

P1	P2(Reducing pressure)	Bracket	Stem OD
0.2~10kgf/cm ²	3kgf/cm ² ±10%	A	1/4"
0.2~10kgf/cm ²	3kgf/cm ² ±10%	B	1/8"

FITTING TYPE

P1	P2(Reducing pressure)	Bracket	Tube OD
0.2~10kgf/cm ²	3kgf/cm ² ±10%	A	1/4"
0.2~10kgf/cm ²	3kgf/cm ² ±10%	B	1/4"

• Solenoid Valve

Common specifications

Items	Standard Specifications
Design liquid	Purified water
Operating pressure	0.2~10kgf/cm ² (0.02~1.0MPa)
Pressure resist (Water pressure)	10.5kgf/cm ² (1.05MPa)
Rated voltage	DC12V/DC24V/AC110/220V/50/60Hz/50/60W
Rated voltage range	-15% ~ +10%
Orly flow	Condition
Working Temperature	1~40°C
Wire insulation type	J: DVAW120°C; U:ethane; K:epoxy; W:oil
Ambient temperature	Less than 40°C
Valve construction	PNP-type (DC24V)
Temperature rise of coil	Less than Maximum; Allow when accelerated cooling

NIPPLE & FITTING TYPE

Operating pressure	Rated voltage	Bracket Hole	Inlet	Outlet
0.2~10kgf/cm ²	DC12V/DC24V	20.5~45.5mm	1/4"	1/4"
0.2~10kgf/cm ²	AC110V/220V/50/60Hz	20.5~45.5mm	1/4"	1/4"



● Flow Restrictor



- Operation Pressure: 10kg/cm²
- Max. Pressure: 15kg/cm²
- Flow Rate (ml/min): 250, 150, 40, 100, 500

Part No.	Tube OD	Tube OD
HW-FR-050	1/4" Tube	1/4" Tube
HW-FR-055	1/4" Tube	3/8" Tube
HW-FR-070	1/4" Tube	1/2" Tube
HW-FR-080	3/8" Tube	1/2" Tube
HW-FR-085	1/2" Tube	1/2" Tube

● Check Fitting



- High pressure check fitting (Blue collar): HW-NST-900, HW-ST-900
- Low pressure check fitting (Silver collar): HW-40T-401, HW-ST-401
- Reverse flow preventing fitting
- Misread design
- Pressure range: 0.1 ~ 10kg/cm²

Part No.	Tube OD	Tube OD
HW-NST-900H	1/4" Tube	1/4" Tube
HW-NST-900L	1/4" Tube	1/4" Tube
HW-ST-400H	1/4" Tube	1/4" Tube
HW-ST-400L	1/4" Tube	1/4" Tube

● Ball Valve, NA-01 & NA-02



- Brass body
- Chrome plated
- Polished finish

● Clips & Wrench



● Auto Shut-off valve

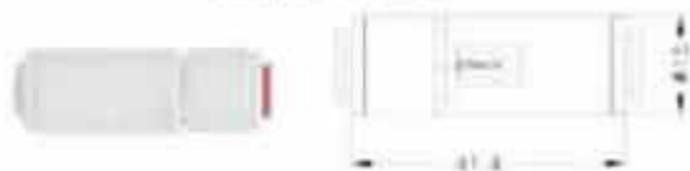


- Ultrasonic type direct acting shut off valve which is installed in the Reverse Osmosis type water purification system.

Operating Pressure Range	20~1.2(MPa)2.0~8.5(bar)
OFF Pressure	0.2±0.05%
ON Pressure	1.5±0.15%
Burst Pressure	40(MPa)420(bar)
Working Temperature	1~40°C
Part Type	Fitting/Fitting

● Relief Valve

- Releasing the air by valve opening when the internal pressure increased.



● High Pressure & Low Pressure Switch



This high pressure switch can be used on our standard booster pumps to switch them off when a storage container or pressure tank is full.



This low pressure switch can be used on our standard booster pumps to switch them off when the supply pressure to the pump drops below recommended levels.

● Drain Connector



Drain switch's connector is for reverse osmosis systems - standard reverse osmosis system drain tube to sink drain pipe.

Includes hex screws.

● TDS Meter



- TDS Range: 0 ~ 9990 ppm (mg/l)
- Temp. Range: 0 ~ 99 degrees Celsius
- Resolution: 1 ppm, 1 degree Celsius (also available in 10 ppm)
- Accuracy: ±1.2%
- Conversion Factor: NaCl (mg/l)
- A/C: built-in sensor for Automatic Temperature Compensation of 1 to 50 degrees Celsius (33 to 122 degrees Fahrenheit)



Part No.	Tube OD	Tube OD
HW-ST-300	1/4" Tube	1/4" Tube
HW-ST-301	3/8" Tube	3/8" Tube
HW-ST-302	1/2" Tube	1/2" Tube
HW-ST-303	1/2" Tube	1/2" Tube



Part No.	Tube OD	Tube OD
HW-ST-400	1/4" Tube	1/4" Tube
HW-ST-401	3/8" Tube	3/8" Tube
HW-ST-402	1/2" Tube	1/2" Tube
HW-ST-403	1/2" Tube	1/2" Tube



Part No.	Tube OD	Insert/MPF
HW-ST-700	1/4" Tube	1/4" MPF
HW-ST-701	1/4" Tube	1/4" MPF
HW-ST-702	1/4" Tube	3/8" MPF
HW-ST-703	1/4" Tube	1/2" MPF



Part No.	Tube OD	Tube OD
HW-ST-400	1/4" Tube	3/16" Tube
HW-ST-401	1/4" Tube	3/8" Tube
HW-ST-402	1/4" Tube	1/2" Tube



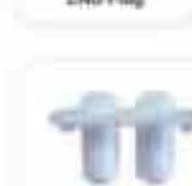
Part No.	Tube OD	Tube OD
HW-ST-1000	3/16" Tube	1/4" Insert
HW-ST-1001	3/8" Tube	1/2" Insert



Part No.	Tube OD	Insert/MPF
HW-ST-TC0	1/4" Tube	1/4"



Part No.	Tube OD
HW-ST-1300	1/4" Plug
HW-ST-1301	3/16" Plug
HW-ST-1302	1/2" Plug



2-Way Ballhead



3-Way Ballhead



Fitting Spanner



Other Fittings & Accessories



L-Fitting

Part No.	Tube OD	Tube OD
HW-ST-200	1/4" Tube	1/4" Tube
HW-ST-201	3/8" Tube	3/8" Tube
HW-ST-202	1/2" Tube	1/2" Tube
HW-ST-203	1/2" Tube	1/2" Tube



Bulkhead

Part No.	Tube OD	Tube OD
HW-ST-400	1/4" Tube	1/4" Tube
HW-ST-401	3/8" Tube	3/8" Tube
HW-ST-402	1/2" Tube	1/2" Tube



90° Elbow

Part No.	Tube OD	Tube OD
HW-ST-500	1/4" Tube	1/4" Insert
HW-ST-501	3/8" Tube	3/8" Insert
HW-ST-502	1/2" Tube	1/2" Insert
HW-ST-503	1/2" Tube	1/2" Insert
HW-ST-504	1/4" Tube	3/16" Insert
HW-ST-505	1/4" Tube	3/8" Insert
HW-ST-506	3/8" Tube	1/2" Insert



Reducing Straight

Part No.	Tube OD	Tube OD
HW-ST-600	1/4" Tube	3/16" Tube
HW-ST-601	1/4" Tube	3/8" Tube
HW-ST-602	3/8" Tube	1/2" Tube



Female Adaptor

Part No.	Tube OD	Insert/MPF
HW-ST-1100	1/4" Tube	1/4" MPF
HW-ST-1101	3/8" Tube	1/4" MPF
HW-ST-1102	3/8" Tube	1/2" MPF
HW-ST-1103	1/2" Tube	1/2" MPF



Y-Fitting

Part No.	Tube OD	Tube OD
HW-ST-1200	1/4"	1/4"



Stop Valve

Part No.	Tube OD	Tube OD
HW-ST-1400	1/4" Tube	1/4" Tube
HW-ST-1401		RAM

Water Faucet



Accessories & Parts For POU



ELECTRICAL BIDET

Everyday Refreshing
Experience Improved Health and Comfort
Innovative Technology for a Better Life



HDB-1500R
W406 x L528 x H145
Remote control
Continuous Warm Water



HDB-1500
W470 x L528 x H145
Continuous Warm Water



HDB-1300
W470 x L528 x H145
Continuous Warm Water

NON-ELECTRICAL BIDET BOBSLEI

- Bobslei Bidet**
- W385 x L295 x H100
 - Hot/Cold Water
 - Water Temp. Control
 - Adjustable fixed plate
 - Sliding Nozzle
 - Nozzle Cleaning
 - 2-WAY Nozzle



Refined & Confident

Non-Electric Bidet with Premium Quality!
Self-Cleaning Nozzle Function and Dual-Nozzle System



PORTABLE AIR PURIFIER

Negative-Ion and HEPA filter purification system

Wearable Air Purifier

Wearable Design for Portability
High-efficiency filtration system effectively removes fine dust.

Various color option!



*Unique Wearable Design for
the New Mobile Generation*



**Advanced Wearable Technology
Dominating The Space!**

- Equipped with a HEPA filter to capture contaminated air and supply clean air.
- Features a secondary negative-ion generator to remove residual contaminants and deliver purified air directly.
- Effectively eliminates harmful elements, providing end-users with clean, purified air right to their nose.

 Clean Air Solution

NEW The Most Advanced Portable
Air Purifier in the World



Simple HEPA Filter Replacement



Simple Recharging System



AIR PURIFICATION SYSTEM

*Air cleaner sets the highest CADR ratings in the world.



Certified by Korea for Public Health Protection Association



EOS-501D

W530 x D380 x H670

Maximized air intake and exhaust for improved purification performance.
(Intake through 3 sides, exhausts through 3 sides)
Features an intelligent fully-automatic operation system.
Recommended coverage area: 60m²

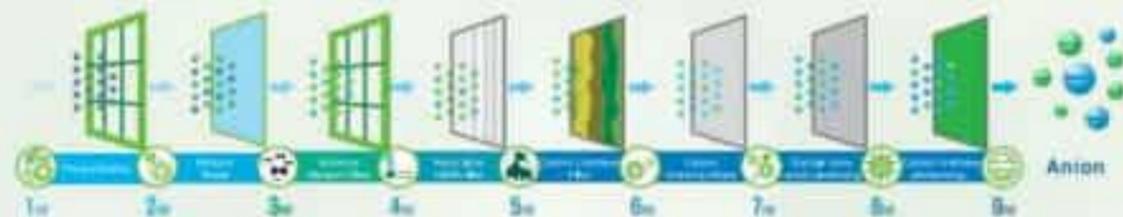


EOS-501E

W530 x D380 x H670

Maximized air intake and exhaust for improved purification performance.
(Intake through 3 sides, exhausts through 3 sides)

9 STEP Smart Air Purifier with Ozone Sterilization and Deodorization Technology for Humans



CERTIFICATES & REGISTRATION



Certificate of BSM&K



World Class Time&Light Enterprise Award



ISO 9001:2015



ISO 14001:2015



Certificate of G-PH&S



Processing Environmental Enterprise Certification



Certificate of M&A&S



Certificate of Designation Small-Growth Company of Korea



Certificate of K&S&S



Certificate of K&S&S



Certificate of Processing Export Company



Certificate of Company Quality-Approved Partner



Ministry of SMEs and Startups Award



CE Test Certificate



Certificate of Conformity



Certificate of EMC Compliance



CE Certificate



PSE Certificate



CE Certificate



Unibody Model Application

WACO Corp.

A-301, HAGYE TECHNOTOWN, 10, NOWON-RO 15-GIL,
NOWON-GU, SEOUL, KOREA.

TEL: 82-2-948-0657 FAX: 82-2-948-2342

www.waco-corp.com www.waco.co.kr

• 1ST FACTORY

SOHEUL-EUP, POCHON-SI, GYEONGGHI-DO,
REPUBLIC OF KOREA

• 2ND FACTORY

GUNNAE-MYEON, POCHON-SI, GYEONGGHI-DO,
REPUBLIC OF KOREA

WACO's Global Partnership Network



Adds Value
to Life.

