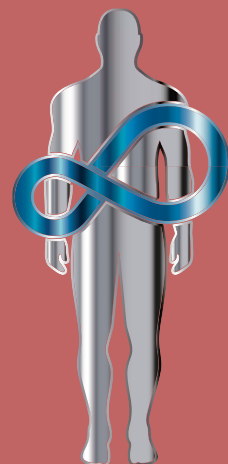


waco Corp.



Refined & Confident
Water & Air



(주) 와코 코퍼레이션



waco Corporation

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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.

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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

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**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.

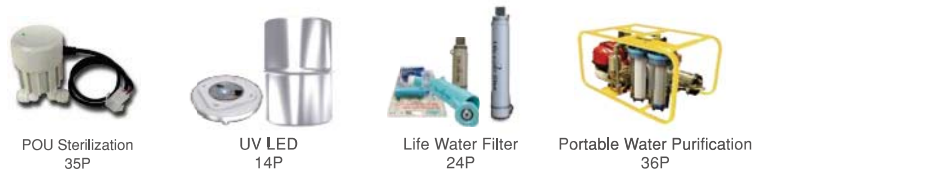
President & CEO Y. S. Shin



OVERVIEW

Water Treatments

- POU Water Cooler
- Undersink Water Purifier
- Bottle Water Cooler
- Commercial Water Purification System
- Patented Water Treatments
- Water Filter
- Water Softener



Components



Bidet



Big&Tall Size POU Water Cooler



Water Purifier



Commercial Water Purification System



Industrial Water Purification System



Whole House POE Water Treatment System



Air Purifier



POU Point of Use Water Cooler

Superior Water Purification, Designed for You

IFev-Series

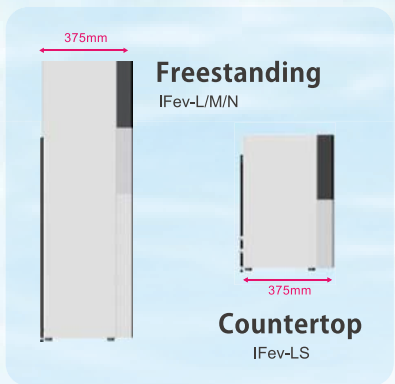


IFev-L
310(W) x 375(D) x 1100(H) mm
4.5L(Reservoir)
Hot 2L / Cold 3L

IFev-M
310(W) x 375(D) x 1100(H) mm
Hot 2L / Cold 5L

IFev-N
310(W) x 375(D) x 1100(H) mm
Hot 2L / Cold 3L

IFev-LS
310(W) x 375(D)
x 535(H) mm
Hot 1.5L / Cold 3L

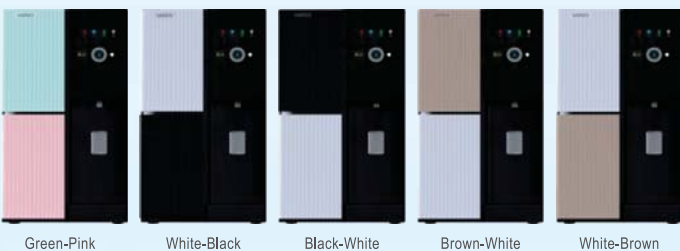


Various Color Options!

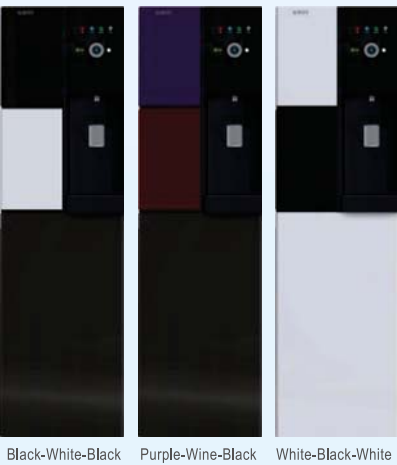
IFev-Series, Freestanding – Deco Design



IFev-Series, Countertop - Deco Design



IFev-Series, Freestanding – NonDeco Design



IFev-Series, Countertop – NonDeco Design



POU Point of Use Water Cooler

Elevating Design Standards, Infinite Water Purifier

APOLLO Series



APOLLO-TL
310(W) x 382(D) x 1200(H)
4.5L(Reservoir)
Hot 2L / Cold 3L

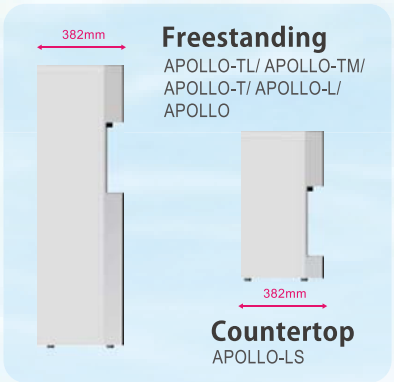
APOLLO-TM
310(W) x 382(D) x 1200(H)
Hot 2L / Cold 5L

APOLLO-T
310(W) x 382(D) x 1200(H)
Hot 2L / Cold 3L

APOLLO-L
310(W) x 382(D) x 1025(H)
Hot 2L / Cold 5L

APOLLO
310(W) x 382(D) x 1025(H)
Hot 2L / Cold 3L

APOLLO-LS
310(W) x 382(D) x 520(H)
Hot 1.5L / Cold 3L



APOLLO-TL / APOLLO-TM / APOLLO-T



APOLLO-L / APOLLO



Various Color Options!

APOLLO-LS



POU Point of Use Water Cooler

• Infinite-20/40 Series •

Various Options Tailored To The Customer

INFINITE-L40
W310 x D382 x H1200
4.5L(Reservoir)
Hot 2L / Cold 3L



INFINITE-M40
W310 x D382 x H1200
Hot 2L / Cold 4.5L



INFINITE-40
W310 x D322 x H1200
Hot 2L / Cold 3L



INFINITE-L20
W310 x D382 x H1025
Hot 2L / Cold 4.5L

INFINITE-20
W310 x D322 x H1025
Hot 2L / Cold 3L

INFINITE-L20S
W310 x D382 x H520
Hot 1.5L / Cold 3L

INFINITE-20S
W310 x D322 x H520
Hot 1.5L / Cold 3L



Slim Type
Infinite 20/20S/40



322mm

Large Type
Infinite L20/L40/M40/L20S



322mm

382mm

Various Color Options!



Silver-Black



Silver-White



Silver-Gray



Silver-Black All



White-Black All



White-Gray



Gray-White



White-Black



White-Gray



Gray-White



White-Black



Silver-Black



Silver-White



Silver-Gray

POU Point of Use Water Cooler

• HWJ Series •

Slim Type
HWJ 110/110S



315mm



375mm

Large Type
HWJ L110/M110/L110S



315mm



375mm

HWJ-L110
W310 x D375 x H1100
Hot 2L / Cold 3L
Reservoir Tank 4.5L

HWJ-M110
W310 x D375 x H1100
Hot 2L / Cold 4.5L

HWJ-L110
W310 x D315 x H1100
Hot 2L / Cold 3L



HWJ-L110S
W310 x D375 x H535
Hot 1.5L / Cold 3L

HWJ-L110S
W310 x D315 x H535
Hot 1.5L / Cold 3L



The Filter System is Customizable.

Black



Gray



L-Blue



Orange



Black



Gray



L-Blue



Orange



Optional Swarovski Jewelry

POU Point of Use Water Cooler

Highlight Your Space with Elegant Design

W2-100 Series



W2-170LP
W310 x D400 x H1135
Hot 2L / Cold 5L

W2-170P
W310 x D300 x H1135
Hot 2L / Cold 3L



W2-170SP
W310 x D400 x H532
Hot 1.5L / Cold 3L

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.

W2-150LP
W310 x D400 x H970
Hot 2L / Cold 5L

W2-150P
W310 x D300 x H970
Hot 2L / Cold 3L



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
W2-170LP / 150LP

400mm



Slim Type
W2-170P / 150P

300mm

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
W480 x D480 x H1430
45L(Reservoir)/ Hot 10L / Cold 10L
Material of Body : ABS and EGI Steel
Filter system : Option
Purification Filters : N.S.F 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 (UF/RO). 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, cafés, 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 D490 x H580
Power Supply: 220V ~ 50/60Hz
Power Consumption: 2KW
Tank Capacity: 5L
Tank Temperature: 95°C ~ 90°C
Certificate No.: HH071501-19005A
Inlet size : 1/4" Tube
Inlet size : 1/4" Tube



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
ROMEIO-I : Reservoir-20L, Cold Tank-5L, Hot Tank-4L
ROMEIO-III: Reservoir-4L, Cold Tank-3L, Hot Tank-2L

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

ROMEIO-I
W370 x D410 x H1300
20L(Reservoir)/5L(Cold)/4L(Hot)
Cold(4-7℃) , Hot(80-90℃)

ROMEIO-III
W370 x D410 x H510
4L(Reservoir)/3L(Cold)/2L(Hot)
Cold(4-7℃) , Hot(80-90℃)

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-I : Reservoir-20L,Cold Tank-5L,Hot Tank-4L
JULIET-III : Reservoir-4L,Cold Tank-3L,Hot Tank-2L

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

Electricity Save function
A brightness-reactive sensor reduces energy waste.



JULIET-I
W370 x D410 x H1300
20L(Reservoir)/5L(Cold)/4L(Hot)

JULIET-III
W370 x D410 x H510
4L(Reservoir)/3L(Cold)/2L(Hot)

Big & Tall Size POU Water Cooler

W2-340 series

POU Water Cooler for Restaurants, Offices, and Schools



W2-340
W340 x D420 x H1240
11L(Reservoir)/ Hot 2.5L / Cold 3L

W2-340E
W340 x D420 x H1240
Hot 2L / Cold 5L

W2-340S
W340 x D420 x H1160
Hot 2L / Cold 5L

W2-340H
W340 x D420 x H520
Hot 1.5L / Cold 3L

W2-360 series



W2-360
W360 x D420 x H1240
11L(Reservoir)/ Hot 2.5L / Cold 3L

W2-360E
W340 x D420 x H1240
Hot 2L / Cold 5L

W2-360H
W360 x D420 x H520
Hot 1.5L / Cold 3L

Excellent Purifying Efficiency

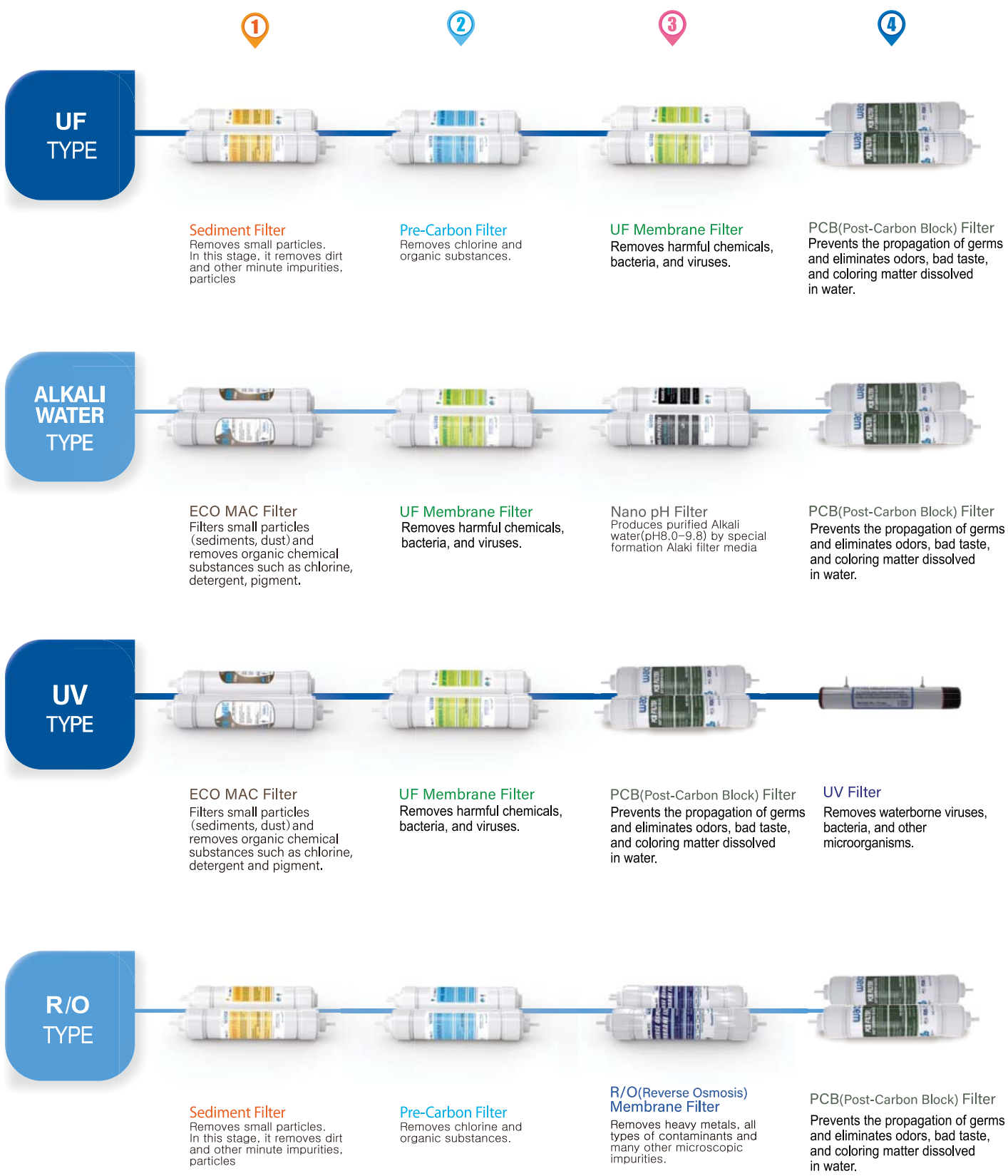
It supplies clean and pure water that passes through WACO Corp.'s certified filtration system.

Big sized POU Water Cooler

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

Filter Customization

In-Line Type Filter composition can be customized with conventional in-line water filters based on customer requirements.

Quick Change Type Quick-change water filter systems can be applied as built-in systems.

Patent System: SIS(Silver Ion Sterilizer)

SIS The optional built-in sterilization system ensures safe drinking water.

Patent System: Leak Detector

HW-PR 101 & HW-PR 102 The optional built-in water leak detector ensures safety by preventing leakage.

UV Filter for Sterilization

UV(4W) & UV(6W) Filter The optional built-in UV sterilization filter ensures safe drinking water.

Patent System: UV LED in the Tank

UV LED WACO's UV LED technology prevents secondary contamination in the cold tank (or reservoir tank) and ensures safe drinking water.

UNDERSINK UV SYSTEM (BOX TYPE)
Tempered Glass Panel Series

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

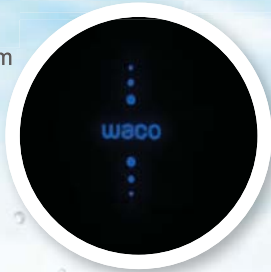
* Optional filter system is available

Soft LED Light

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" - 10mm).
- Optional filter system available for customization.
- Durable tempered glass front panel for long-lasting use.
- Designed for easy installation and maintenance.



Optional Filter System

The internal structure



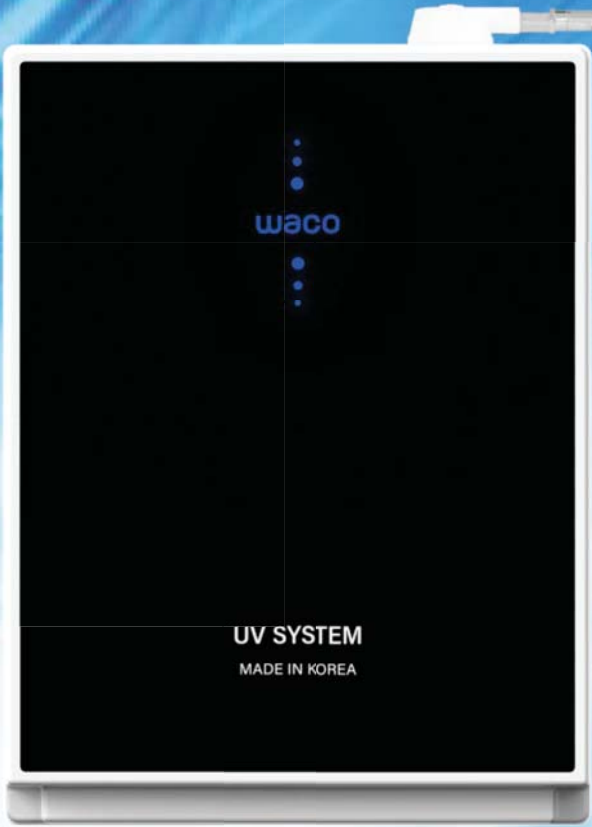
Quick and Soft
Filter change



ALKALI WATER IONIZER (BOX TYPE)

Product Features

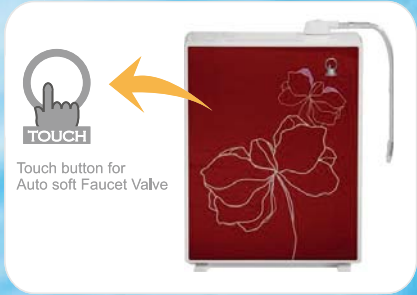
- Leveraging WACO Corp.'s advanced technology, we have developed a high-quality water purifier featuring an easy-to-control soft faucet valve with a static touch sensor.
- Modern and Simple Design



Model Name : HW-AP500 Series

Advantage of Alkali Water

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



Touch button for
Auto soft Faucet Valve



High-End Water Purifier

UNDERSINK WATER PURIFIER (BOX TYPE)

Special Tempered Glass Panel



● Model Name : HW-UP Series ●

- HW-UP100(M) : R.O Filtration system (with Booster Pump)
- HW-UP200U : UF Filtration system
- HW-UP200A : Alkali Filtration system
- HW-UP200N : Nano Filtration system
- HW-UP300M : Tankless RO filtration 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

The internal structure



Optional Filter System

R/O / UF / Nano

HW-UP Series R/O Package System



UNDERSINK WATER PURIFIER (BOX TYPE)



● Model Name : HW-RP Series ●

- HW-RP100(M) 4 Stage RO System with Booster Pump
- HW-RP200U 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-NP200U 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

The internal structure



Optional Filter System

R/O / UF / Nano

HW-RP / NP Series R/O Package System



Undersink Water Purifier R/O System 5~8 Stages

R/O / UF Filter System HR-800 Series



5 Stage R/O Filtration System without pump

Operational Parameters

Operating Temperatures
Maximum 113°F(45°C) Minimum 40°F(4.4°C)
Operating pressure
Maximum 100psi Minimum 30psi
pH Range
Maximum 10.0 Minimum 4.0

Specifications

Production
75GPD (at 77°F Water Temp)
Filter system
Micro - GAC - CTO - R/O Membrane - TCR



HR-800M
5 Stage R/O Filtration System With Pump

Operational Parameters

Operating Temperatures
Maximum 113°F(45°C) Minimum 40°F(4.4°C)
Operating pressure
Maximum 100psi Minimum 30psi
pH Range
Maximum 10.0 Minimum 4.0

Specifications

Production
50GPD / 75GPD (at 77°F Water Temp)
Filter system
Micro - GAC - CTO - R/O Membrane - TCR



5 Stage UF Filtration System

Operational Parameters

Operating Temperatures
Maximum 104°F(40°C) Minimum 40°F(4.4°C)
Operating pressure
Maximum 57psi Minimum 10psi
pH Range
Maximum 10.0 Minimum 4.0

Specifications

Production
Purification Capacity varies by water quality
Filter system
Micro - GAC - CTO - UF Membrane - TCR



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

Operational Parameters

Operating Temperatures
Maximum 100°F(38°C) Minimum 40°F(4.4°C)
Operating pressure
Maximum 100psi Minimum 30psi
pH Range
Maximum 10.0 Minimum 4.0

Specifications

Production
50GPD / 75GPD (at 77°F Water Temp)
Filter system
Micro - GAC - CTO - R/O Membrane - TCR - UV Filter



HR-800M ST
5 Stage R/O Filtration System With Pump Stand Type

Operational Parameters

Operating Temperatures
Maximum 113°F(45°C) Minimum 40°F(4.4°C)
Operating pressure
Maximum 100psi Minimum 30psi
pH Range
Maximum 10.0 Minimum 4.0

Specifications

Production
50GPD / 75GPD (at 77°F Water Temp)
Filter system
Micro - GAC - CTO - R/O Membrane - TCR



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
L455 x 125W x 350H / 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

*Customizable filter system available based on customer demand.



HQ7-4F (UF System) 4 Stage

*Sediment + PCB +
UF membrane + Post Carbon Filter



HQ7-4FR (R/O System) 4 Stage

*Sediment + PCB +
R/O Membrane + Post Carbon Filter

Catch the Pure Water!

New 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



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

HQ7 R/O Package System



QUICK CHANGE Ultimate Water Filter System

HQ7 1/2/3 Stage • HQ7 1/2/3 Stage • 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

Mult UF Plus
2 in 1 Filter
UF membrane filter
+ Carbon block filter



HQ7 1 Stage 9 inch / 11 inch



HQ7 2 Stage 9 inch / 11 inch

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 enhances water taste.



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

: Removes chlorine and organic impurities, enhances 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
W253 x D119 x H278

PORTABLE WATER PURIFICATION SYSTEM

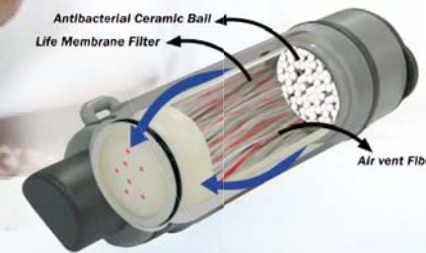
Life water filter

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 antibacterial materials for added safety.
- * The Life water filter includes a special air vent fiber for easier water intake.



Life Water Filter - II

Treated Water with Life Water Filter Powered by Gravity

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

BOTTLED WATER COOLER

W2-100 series



W2-170
W310 x D300 x H1135
Hot 2L / Cold 3L



W2-150
W310 x D300 x H970
Hot 2L / Cold 3L



W2-170S
W310 x D300 x H530
Hot 1.5L / Cold 3L

Advanced Design

Various Color Options!



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



Black White Gray D-Red L-Blue

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



Whole House Nano System
880(W) x 770(D) x 1360(H)

- * 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)



HIRO-Series
1200(W) x 790(D) x 1470(H)

- * 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



HIRO-8/15/22

Features of HIRO

The HIRO 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:
Well-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
600(W) x 950(D) x 1750(H)



CSRO-8
220(W) x 430(D) x 1700(H)



HCRO-900G

- * 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)

- * 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

- * 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.



HCRO-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



HCRO-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



UCUF-UV-10T

- * Max 6-Stage System with 16W 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

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

PATENT APPLICATION

No. 10-1863712
No. 10-18115636

PORTABLE BOTTLED WATER FACTORY

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

Commercial USE RO system

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



Automatic Sensor



QR Code Reader



Bottle Cleaning Unit

Safety Water Supply System



Convenient Touch Panel



Digital Signage Screen



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 bubbler 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
Teeth Protector Design

Auto-return Faucet
Water-saving

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

RO
Industrial USE RO system

Features of HINRO

The HINRO 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-open 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

HINRO 50~200 ton(option)



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 R/O 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 R/O 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 R/O 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.



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.

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.

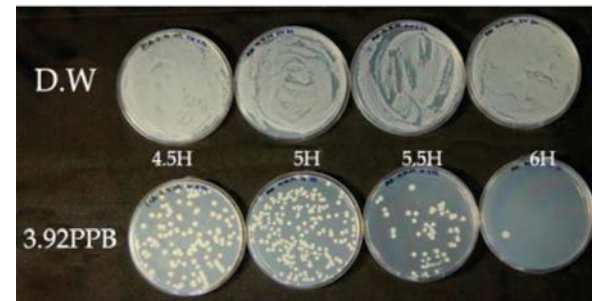


Water treatment system

POU SILVER ION STERILIZATION

SIS SILVER ION STERILIZER for Point of Use Water Cooler

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



<SIS STERILIZATION TEST>



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



EMRO-10R (River & Lake)
W460 x D730 x H380

- 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-30E (River & Lake)
W460 x D730 x H380

- 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



EMRO-20S (Sea & River)
W450 x D860 x H590

- 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.

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

HPRO-201
W430 x D380 x H160

* *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

HPRO-301
W560 x D350 x H230

ULTRA PURE WATER SYSTEM

Application of certified parts 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 fine dirt, dust, and particulates from water.

Model No.	Length	Type	Diameter	Description
HWF-1001	8"	I type U type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	9"			* Working Pressure : 1.5-8.8kgf/cm ²
	11"			* Temperature : 1-38 ℃
	13"			* Service Life : 3-6months

Post-Carbon Filter



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

Model No.	Length	Type	Diameter	Description
HWF-1003	8"	I type U type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	9"			* Working Pressure : 1.5-8.0kgf/cm ²
	11"			* Temperature : 1-38 ℃
	13"			* Service Life : 9-12months

TCR Filter



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

Model No.	Length	Type	Diameter	Description
HWF-1005	9"	I type	2"	* Flow rate : 0.5GPM(1.9LPM)
				* Working Pressure : 1.5-8.0kgf/cm ²
				* Temperature : 1-38 ℃
				* Service Life : 9-12months

UF Membrane Filter



The UF membrane filter removes high molecular weight substances, colloidal materials, organic and inorganic polymeric molecules, and bacteria up to 99.99%, while retaining minerals.

Model No.	Length	Type	Diameter	Description
HWF-1007	8"	I type U type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	9"			* Working Pressure : 1.5-4.5kgf/cm ²
	11"			* Temperature : 1-45 ℃
	13"			* Service Life : 12months

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
HWF-1002	8"	I type U type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	9"			* Working Pressure : 1.5-8.0kgf/cm ²
	11"			* Temperature : 1-38 ℃
	13"			* Service Life : 6-9months

PCB(Post Carbon Block) Filter



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

Model No.	Length	Type	Diameter	Description
HWF-1004	8"	I type U type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	9"			* Working Pressure : 1.5-8.0kgf/cm ²
	11"			* Temperature : 1-38 ℃
	13"			* Service Life : 9-12months

MF Membrane Filter



This filter removes small particles, dirt, minute impurities, chemicals, and bacteria, including Giardia, Cryptosporidium, and E. coli.

Model No.	Length	Type	Diameter	Description
HWF- 1006	11"	I type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	13"	U type		* Working Pressure : 1.5-4.5kgf/cm ²
				* Temperature : 1-38 ℃
				* Service Life : 3-6months

R/O(Reverse Osmosis) Membrane Filter



The R/O membrane filter removes pollutants such as heavy metals, viruses, bacteria, and organic chemicals through pores as small as 0.0001 μm—1/1,000,000th the thickness of a human hair.

Model No.	GPD	Length	Diameter	Description
HWF-1008	50	11"-13"	2.5"	* Working Pressure : 4.0-8.0 kgf/cm ²
	75			* Temperature : 1-38 ℃
	100			* Service Life : 18-24 months
	150	13"		

Nano-pH Filter



The Nano-pH filter uses a specially formulated composite alkali media to produce purified alkaline water (pH 8.0-9.8). Reduces oxidation and removes active oxygen.

Model No.	Length	Type	Diameter	Description
HWF-1009	8"	I type U type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	9"			* Working Pressure : 1.5-8.0kgf/cm ²
	11"			* Temperature : 1-38 ℃
	13"			* Service Life : 9-12months

Mineral Filter



The mineral filter is designed to provide essential minerals for health using calcium, antibacterial agents, hydrogen-reducing, and FIR mineral balls. Removes harmful active oxygen (free radicals) and enhances essential inorganic minerals for good health. Ensures safe drinking water with antibacterial and disinfectant silver (Ag 99.9%).

Model No.	Length	Type	Diameter	Description
HWF-1011	8"	I type U type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	9"			* Working Pressure : 1.5-8.0kgf/cm ²
	11"			* Temperature : 1-38 ℃
	13"			* Service Life : 9-12months

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, hydrogen sulfide, lead, mercury, magnesium, and chromium, while inhibiting the growth of bacteria, algae, and fungi.

Model No.	Length	Type	Diameter	Description
HWF-1013	8"	I type U type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	9"			* Working Pressure : 1.5-8.0kgf/cm ²
	11"			* Temperature : 1-38 ℃
	13"			* Service Life : 9-12months

DA(De-Arsenic) Filter



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

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

Model No.	Length	Type	Diameter	Description
HWF-1015	9"	I type U type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	11"			* Working Pressure : 1.5-8.0kgf/cm ²
	13"			* Temperature : 1-38 ℃ * Service Life : 3-4months

Hydro-pH Filter



Effectively removes harmful active oxygen and produces antioxidant, hydrogen-rich mineral water with enhanced alkalinity.

Model No.	Length	Type	Diameter	Description
HWF-1010	9"	I type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	11"	U type		* Working Pressure : 1.5~8.0kgf/cm ²
	13"			* Temperature : 1~ 38 C * Service Life : 12months

Alka-Bio Filter



The Alka-Bio Filter produces alkaline and antioxidant water using alkali balls specially formulated with abundant inorganic minerals, including coral sand (shells), kaolin (powder), calcium, and more.

Model No.	Length	Type	Diameter	Description
HWF-1012	8"	I type U type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	9"			* Working Pressure : 1.5-8.0kgf/cm ²
	11"			* Temperature : 1-38 ℃
	13"			* Service Life : 9-12months

DI(De-Ionization) Filter



The DI filter removes dissolved mineral salts from water using ion-exchange resins, producing high-purity water without scale buildup.

Ion exchange Resin / Water Softening / Decalcification
Material : Mixed Ion Exchange Resin

Model No.	Length	Type	Diameter	Description
HWF-1014	8"	I type U type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	9"			* Working Pressure : 1.5-8.0kgf/cm ²
	11"			* Temperature : 1-38 ℃
	13"			* Service Life : 3-4months

QD(Quantum Disinfection) Filter



Quantum Disinfection™ is a next-generation nano-composite material with activated surfaces that eliminates pathogens such as bacteria (E. coli, Staphylococcus, Legionella), viruses (MS2), and protozoa (Cryptosporidium) from water without chemicals or maintenance.

Model No.	Length	Type	Diameter	Description
HWF-1016	8"	I type U type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	9"			* Working Pressure : 1.5-4.0kgf/cm ²
	11"			* Temperature : 1-38 ℃
	13"			* Service Life : 12months

Anti Scale Filter



Provides up to 99.6% efficiency in scale prevention. Requires no salt or chemical regenerants. Produces no backwash waste, making it suitable for areas where water softeners are restricted. Environmentally friendly and reduces water consumption.

Model No.	Length	Type	Diameter	Description
HWF-1017	8"	I type	2.5"	* Flow rate : 1.1 GPM(4LPM)
	9"	U type		* Working Pressure : 1.5-8.0kgf/cm ²
	11"			* Temperature : 1-38 °C
	13"			* Service Life : 12months

Eco Combo Filter



Combination of sediment and carbon filters. Effectively removes small particles, dirt, and other minute impurities using a high-quality sediment filter with 1-5 micron precision. Also removes chlorine and organic substances.

Model No.	Length	Type	Diameter	Description
HWF-1019	8"	I type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	9"	U type		* Working Pressure : 1.5-8.0kgf/cm ²
	11"			* Temperature : 1-38 °C
	13"			* Service Life : 3-6months

Multi UF Plus Filter



This filter combines a UF membrane and a carbon block filter in a specially designed configuration. It effectively replaces these two filters while maintaining their functions, such as removing bacteria, chlorine, odor, and bad taste.

Model No.	Length	Type	Diameter	Description
HWF-1021	9"	I type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	11"	U type		* Working Pressure : 1.5-4.5kgf/cm ²
	13"			* Temperature : 1-38 ℃
				* Service Life : 9-12months



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



Eco Mac Filter



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

Model No.	Length	Type	Diameter	Description
HWF-1018	9"	I type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	11"	U type		* Working Pressure : 1.5-4.5kgf/cm ²
	13"			* Temperature : 1-38 °C
				* Service Life : 9-12months

Combo UF Plus Filter



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

Model No.	Length	Type	Diameter	Description
HWF-1020	9"	I type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	11"	U type		* Working Pressure : 1.5-4.5kgf/cm ²
	13"			* Temperature : 1-38 °C
				* Service Life : 9-12months

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 0.0001 μm—1/1,000,000th the thickness of a human hair.

Advantage

The thin-film membrane sheet 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 Corp.'s Reverse Osmosis (RO) membrane elements for home drinking water feature advanced membrane technology and automated fabrication. These elements provide reliable, consistent performance trusted by equipment suppliers, water treatment dealers, and residential customers alike.

WACO Corp.'s 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



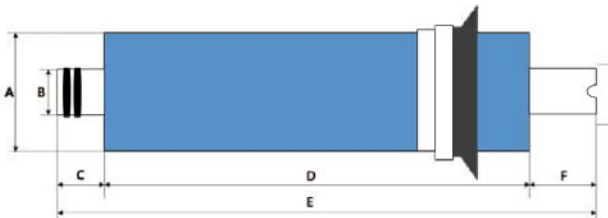
WACO R/O Membranes

R/O Membrane Elements for Home Drinking Water.

WACO R/O Membrane Specifications

Product	Applied Pressure psig (bar)	Permeate Flow Rate GPD (l/h)	Minimum Salt Rejection (%)	Stabilized Salt Rejection (%)
75GPD RO Membrane ¹⁾	60 (4.1)	75 (12.0)	96	98
100GPD RO Membrane ¹⁾	80 (5.5)	100 (15.7)	96	98
150GPD RO Membrane ¹⁾	80 (5.5)	150 (23.6)	96	98
200GPD RO Membrane ¹⁾	80 (5.5)	200 (31.4)	96	98
300GPD RO Membrane ¹⁾	60 (4.1)	300 (47.3)	96	98
600GPD RO Membrane ²⁾	80 (5.5)	600 (94.7)	96	98

1. Permeate flow and salt rejection based on the following test conditions.
1) 250ppm (NaCl) softened tap water, 77°F (25°C), 15% recovery, pH 7.5 and the specified applied pressure.
2) 250ppm (NaCl) softened tap water, 77°F (25°C), 40% recovery, pH 7.5 and the specified applied pressure.
2. Permeate flows for individual elements may vary +/-20%.
3. For the purpose of improvement, specifications may be updated periodically.



Model	A	B	C	D	E	F
75GPD RO Membrane	44.0	17.0	28.0	237.0	298.0	33.0
100GPD RO Membrane	45.2	17.0	28.0	237.0	298.0	33.0
150GPD RO Membrane	46.8	17.0	20.0	260.0	298.0	18.0
200GPD RO Membrane	47.5	17.0	20.0	260.0	298.0	18.0
300GPD RO Membrane	72.5	17.0	26.5	240.0	298.0	31.0
600GPD RO Membrane	74.0	17.0	22.0	260.0	298.0	16.0

Operating Limits

Membrane Type	Polyamide Thin-Film Composite
Maximum Feed Water Temperature	113° F (45°C)
Maximum Feed Slit Density Index(SDI)	< 5
Free Chlorine Tolerance	< 0.1 ppm
Maximum Operating Pressure	125 psig (8.6 bar)
Maximum Feed Flow Rate	2.0 gpm (7.6 lpm)
pH Range, Continuous Operational	3.0 – 10.0



FILTER CARTRIDGE · UV FILTER

Filter Cartridge




Micro PP (1 μm/5 μm/10 μm) 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, bad taste, and odor, effectively removing bad smells from water.
- Size : 10" / 20"
- Service Life : 9 Months




UF Membrane Filter Cartridge

- UF membranes with 0.03–0.05 micron pores remove large molecules, colloids, polymers, and bacteria, but retain minerals.
- size: 10" / 20"
- Service Life: 12 Months




String Wound (5 μm) 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, iron, and hydrogen sulfide from water supplies.
- size: 10" / 20"
- Service Life: 12 Months




Nano Membrane Filter Cartridge

- The Nano Membrane filter uses a specialized plain film with 95% evenly distributed pores for optimal filtration.
- size: 10" / 20"
- Service Life: 12 Months



GAC (Granular Activated Carbon) Filter Cartridge

- Removes foul 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 resins, producing high-purity water without scale buildup.
- size: 10" / 20"
- Service Life: 6 Months

5 Inch Filter



Sediment 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 deodorizing effects while 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 months

- 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 : 4-6months

- Combines Micro PP, Cu+, and Ionizer 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 (timer set)
- 1017 body and cover /FRP vessel
- 17" distribution/brine well set/brine valve/other accessories
- 12.5L Resin
- Capacity: 1,000LPH



WWS-1035

- Automatic control valve (timer set)
- 1035 body and cover /FRP vessel
- 35" distribution/brine well set/brine valve/other accessories
- 25L Resin
- Capacity: 2,500LPH



WWS-1044

- Automatic control valve (timer set)
- 1044 SS body FRP vessel
- 32L Resin / 100 LITERS Brine tank
- Inlet/Outlet port 3/4" and other parts
- Capacity: 3,000LPH



WWS-1054

- Automatic control valve (timer set)
- 1054 SS body FRP vessel
- 40L Resin / 100 LITERS and other parts
- Capacity: 3,500LPH



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.





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.



This pump is designed for residential reverse osmosis system

R/O Booster Pump Series

PUMP Spec	
DP125-50GB	OUT WATER PRESSURE : 75Psi, FLOW : 550ml/min, I : 0.45A
DP125-50G	OUT WATER PRESSURE : 100Psi, FLOW : 550ml/min, I : 0.6A
DP125-75	OUT WATER PRESSURE : 110Psi, FLOW : 550ml/min, I : 0.7A
DP125-100G	OUT WATER PRESSURE : 125Psi, FLOW : 1100ml/min, I : 0.85A
DP125-150	OUT WATER PRESSURE : 145Psi, FLOW : 1750ml/min, I : 1.17A
DP125-200W	OUT WATER PRESSURE : 130Psi, FLOW : 1950ml/min, I : 1.6A
DP125-300W	OUT WATER PRESSURE : 175Psi, FLOW : 2700ml/min, I : 1.6A

Water Pressure Tank



Steel Tank

Model No.	Description	PCS/CTN	ShipWT.(Kg)
WT-104	3.2GAL steel tank-blue 1/4" NPT	1	4.16
WT-103	3.2GAL steel tank-white 1/4" NPT	1	4.16
WT-108	5.5GAL steel tank-blue 1/4" NPT	1	4.72
WT-108-2	5.5GAL steel tank-white 1/4" NPT	1	4.72
WT-110	11GAL steel tank-blue 3/4" NPT	1	9

Plastic Tank

Model No.	Working Pressure	Bottom air charge Pressure	Box size(mm)
NPTK-3G	50 PSI	5~7 PSI	245×245×350
NPTK-4G	50 PSI	5~7 PSI	280×280×410

PE Tubing

Size Available

PART No.	OD	ID	COIL LENGETH
HW-TU-14	1/4"	0.170"	300M
HW-TU-516	5/16"	0.187"	200M
HW-TU-38	3/8"	0.250"	200M
HW-TU-12	1/2"	0.375"	100M

Working Pressure and Temperature

Tube OD	Tube ID	Tube OD	Tube ID
1/4"	×	1/2"	×
5/16"	×		
3/8"	×		
230psi@20°C / 120psi@65°C		150psi@20°C / 90psi@65°C	



Pressure Reducer

Common specifications

Items	Standard Specifications
Usage liquid	Purified water
Operating pressure (P1)	0.2 ~ 10kgf/cm ² [0.02~0.98Mpa]
Reducing pressure (P2)	3kgf/cm ² ±10%
Rated flow	7.0ml/min↑ (P1:6.0kgf/cm ² P2: 3.0kgf/cm ² Setting)
Pressure resist (Water pressure)	19.5kgf/cm ² [1.95MPa]
Working Temperature	1~40°C
Valve construction	Diaphragm type
Installing position	Free



NIPPLE TYPE

P1	P2(Reducing pressure)	Bracket	Stem OD
0.2~10kgf/cm ²	3kgf/cm ² ±10%	×	1/4"
0.2~10kgf/cm ²	3kgf/cm ² ±10%	0	1/4"

FITTING TYPE

P1	P2(Reducing pressure)	Bracket	Tube OD
0.2~10kgf/cm ²	3kgf/cm ² ±10%	×	1/4"
0.2~10kgf/cm ²	3kgf/cm ² ±10%	0	1/4"

NIPPLE & FITTING TYPE

Operating pressure	Rated voltage	Bracket Hole	Inlet	outlet
0.2~10kgf/cm ²	DC12V,DC24V	35.5~45.5mm	1/4"	1/4"
0.2~10kgf/cm ²	AC220V 50/60Hz	35.5~45.5mm	1/4"	1/4"



Solenoid Valve

Common specifications

Items	Standard Specifications
Usage liquid	Purified water
Operating pressure	0.2 ~ 10kgf/cm ² [0.02~0.98Mpa]
Pressure resist (Water pressure)	19.5kgf/cm ² [1.95MPa]
Rated voltage	DC12V,DC24V,AC110 50/60Hz,ac220v 50/60Hz
Rated voltage range	-15% ~ ±10%
Duty time	Continous
Working Temperature	1~40°C
Wire Insulation type	E 2UEW(120°C Urethane Enamel Wire)
Ambient temperature	Less then 40°C
Valve construction	Pilot-type poppet
Temperature rise at coil	Less than Maximum 80deg when applied rated voltage

● Flow Restrictor



- Operation Pressure : 3kgf/cm²
- Max. Pressure : 15kgf/cm²
- Flow Rate (ml/min) : 250,350,420,600,800

Part No.	Tube OD	Tube OD
HW-FR-250	1/4"Tube	1/4"Tube
HW-FR-350	1/4"Tube	1/4"Tube
HW-FR-420	1/4"Tube	1/4"Tube
HW-FR-600	1/4"Tube	1/4"Tube
HW-FR-800	1/4"Tube	1/4"Tube

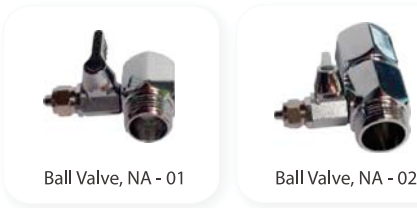
● Check Fitting



- High pressure check fitting (Blue collet) : HW-NST-900, HW-ST-900
- Low pressure check fitting (Green collet) : HW-NST-901, HW-ST-901
- Reverse flow preventing fitting
- Minimized design
- Pressure rang : 0.1~10kgf/cm²

Part No.	Tube OD	Tube OD
HW-NST-900H	1/4"Tube	1/4"Tube
HW-NST-901L	1/4"Tube	1/4"Tube
HW-ST-900H	1/4"Tube	1/4"Tube
HW-ST-901L	1/4"Tube	1/4"Tube

● Ball Valve, NA-01 & NA-02



- Brass body
- Chrome plated
- Polished finish.

● Clips & Wrench



Clips

● Auto Shut-off valve

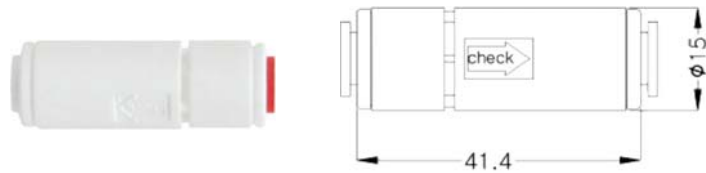


- Diaphragm type direct acting Aut Shutoff Valve which is installed in the Reverse Osmosis type water purification system.

Operating Pressure Range	28~120psi(2.0~8.5bar)
OFF Pressure	63±15%
ON Pressure	15±15%
Burst Pressure	480psi(33bar)
Working Temperature	1~40℃
Port Type	Fitting-Fitting

● Relief Valve

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



● High Pressure & Low Pressure Switch



High Pressure Switch



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 Connector

Drain saddles connector is for reverse osmosis systems - connects reverse osmosis system drain tube to sinks drain pipe.

Includes two screws.

● TDS Meter



- TDS Range: 0 - 9990 ppm (mg/L)
- Temp. Range: 0 - 80 degrees Celsius
- Resolution: 1 ppm, 1 degree Celsius (also available in 10 ppm)
- Accuracy: +/- 2%
- Conversion Factor: NaCl (avg.0.5)
- ATC: Built-in sensor for Automatic Temperature Compensation of 1 to 50 degrees Celsius (33 to 122 degrees Fahrenheit)



I - Fitting

Part No.	Tube OD	Tube OD
HW-ST-300	1/4"Tube	1/4"Tube
HW-ST-301	5/16"Tube	5/16"Tube
HW-ST-302	3/8"Tube	3/8"Tube
HW-ST-303	1/2"Tube	1/2"Tube



T - Fitting

Part No.	Tube OD	Tube OD
HW-ST-400	1/4"Tube	1/4"Tube
HW-ST-401	5/16"Tube	5/16"Tube
HW-ST-402	3/8"Tube	3/8"Tube
HW-ST-403	1/2"Tube	1/2"Tube



Fixed Elbow

Part No.	Tube OD	Thread NPTF
HW-ST-700	1/4"Tube	1/8"NPTF
HW-ST-701	1/4"Tube	1/4"NPTF
HW-ST-702	1/4"Tube	3/8"NPTF
HW-ST-703	5/16"Tube	1/4"NPTF



Reducing Elbow

Part No.	Tube OD	Tube OD
HW-ST-600	1/4"Tube	5/16"Tube
HW-ST-601	1/4"Tube	3/8"Tube
HW-ST-602	1/4"Tube	3/16"Tube



Reducing Tee

Part No.	Tube OD	Tube OD
HW-ST-1000	5/16"Tube	1/4"branch
HW-ST-1001	3/8"Tube	1/4"branch



Straight Adaptor

Part No.	Tube OD	Thread NPTF
HW-ST-TC0	1/4"Tube	1/4"



END Plug

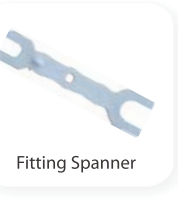
Part No.	Tube OD
HW-ST-1300	1/4"plug
HW-ST-1301	5/16" plug
HW-ST-1302	3/8" plug



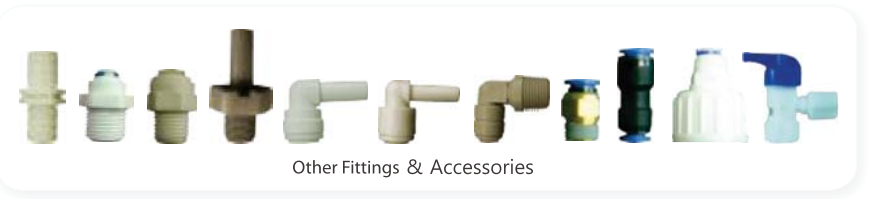
2 - Way Bulkhead



3 - Way Bulkhead



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	5/16"Tube	5/16"Tube
HW-ST-202	3/8"Tube	3/8"Tube
HW-ST-203	1/2"Tube	1/2"Tube



Bulkhead

Part No.	Tube OD	Tube OD
HW-ST-800	1/4"Tube	1/4"Tube
HW-ST-801	5/16"Tube	5/16"Tube
HW-ST-802	3/8"Tube	3/8"Tube



Stem Elbow

Part No.	Tube OD	Tube OD
HW-ST-500	1/4"Tube	1/4"stem
HW-ST-501	5/16"Tube	5/16"stem
HW-ST-502	3/8"Tube	3/8"stem
HW-ST-503	1/2"Tube	1/2"stem
HW-ST-504	1/4"Tube	5/16"stem
HW-ST-505	1/4"Tube	3/8"stem
HW-ST-506	3/8"Tube	1/4"stem



Reducing Straight

Part No.	Tube OD	Tube OD
HW-ST-900	1/4"Tube	5/16"Tube
HW-ST-901	1/4"Tube	3/8"Tube
HW-ST-902	3/8"Tube	1/2"Tube



Female Adaptor

Part No.	Tube OD	Thread BSP(P)
HW-ST-1100	1/4"Tube	1/4"BSP(P)
HW-ST-1101	1/4"Tube	1/2"BSP(P)
HW-ST-1102	3/8"Tube	1/2"BSP(P)
HW-ST-1103	1/2"Tube	1/2"BSP(P)



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	BASE	

• Water Faucet •



HD-101



HD-106



HD-107

• 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



Bobslei-I

W385 x L100 x H295
Cold water exclusively

Bobslei-II

W385 x L100 x H295
Both use of
Cold and Warm water

HDBM-1200
- Wash/Bidet
- Hot & Cold water
- Water Temp. Control
HDBM-1100
- Wash/Bidet
- Cold water

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 with the highest CADR ratings in the world.



• Certified by Korea Air Purifier Industry Association
• Acquired CA mark



EOS-501D

W530 x D360 x H670

Maximized air intake and exhaust for improved purification performance.
(Inhales through 5 sides, exhausts through 3 sides)
Features an intelligent fully-automatic operation system.
Recommended coverage area: 60m²

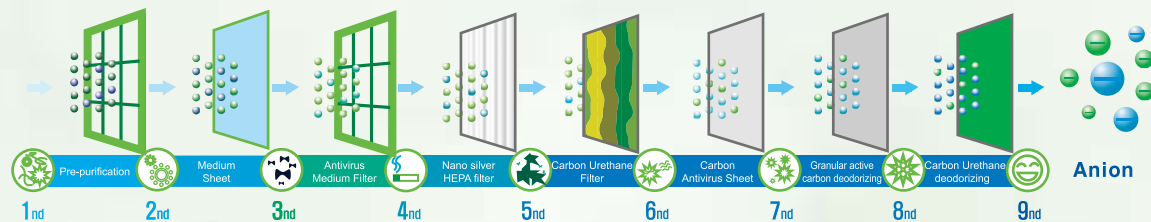


EOS-501E

W530 x D360 x H670

Maximized air intake and exhaust for improved purification performance.
(Inhales through 5 sides, exhausts through 3 sides)

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



CERTIFICATES & REGISTRATION



Certificate of BRAND K



World Class Small-Mighty Enterprise Award



ISO 9001:2015



ISO 14001:2015



Certificate of G-PASS



Promising Environmental Enterprise Certification



Certificate of Main-Biz



Certificate of Designation Small Giant Company of Korea



Certificate of Inno-Biz



Certificate of R&D



Certificate of Promising Export Company



Certificate of Company-Specific Approved Exporter



Ministry of SMEs and Startups' Award



CB Test Certificate



Certificate of Conformity



Certificate of EMC Compliance



CE Certificate



PSE Certificate



CE Certificate



Utility 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, GYEONGGI-DO,
REPUBLIC OF KOREA

*** 2ND FACTORY**

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

WACO's Global Partnership Network



Adds Value
to Life.

	ANGOLA		CANADA		DJIBOUTI		GERMANY		JAPAN		NEPAL		REUNION ISLAND		THAILAND
	ARGENTINA		COLOMBIA		ECUADOR		HONG KONG		KUWAIT		PANAMA		SAUDI ARABIA		THE CZECH REPUBLIC
	AUSTRALIA		CAMBODIA		FRANCE		HUNGARY		MALAYSIA		PERU		SINGAPORE		URUGUAY
	AUSTRIA		CHILE		GRAND CAYMAN		INDONESIA		MAURITIUS		POLAND		SOUTH AFRICA		VIETNAM
	BANGLADESH		COSTA RICA		GREECE		IRAQ		MONGOLIA		PHILIPPINES		SLOVENIA		U.K.
	BELARUS		CROATIA		GUATEMALA		ISRAEL		MOROCCO		ROMANIA		SPAIN		UAE
	BULGARIA		CYPRUS		GEORGIA		ITALY		MOLDOVA		REPUBLIC OF VANUATU		TAHITI		USA