

Refined & Confident
Water & Air



Your Life , Your Water!



KOTRA GLOBAL BRAND
COMPANY



The Excellent Company
Brand of Seoul



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www.hyundaibidet.com

(주)연대와코텍

Adds Value to the Life!

 the infinite
waco **EOS Air**
Bobslei Bidet
Naturife

For Pure & Clean Water
Noble Well-Being Life
Innovative Design

The origin of life is from water and our life is sustained by this valuable water. As briefed herein, water is a basis of our existence and daily life.



HYUNDAI Wacortec's enduring effort for clean water and air begins making researches on small invisible differences.

With our continuous efforts for better products, HYUNDAI Wacortec will be dedicated to give you better, fresh life.

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Participation in the World Exhibition Show!



COMPANY

Welcome to HYUNDAI Wacortec

All products and related products are designed and manufactured specifically by HYUNDAI WACORTEC.CO., LTD. in this catalogue showcase. Our company continues the healthy growth ever aiming for the best quality and prioritizing the trust with customers. Also we will keep exerting every effort to meet customers' needs by focusing on the technology development in order to cope with its industry innovation in advance. We ask your continuous attention and encouragement.

Our company policy is to research and to develop our products continuously. Some contents of this catalogue can be changed to improve the quality and design of products without notice.

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Refresh Your Life!

We promise we will try to do our best to meet our customer's requirements whatever it may be.

BUSINESS RECOGNITION



The Excellent Company Brand of Seoul

"Hi Seoul" brand is only given to the qualified Korean companies, who manufacture the best quality products by the strict quality control system and can offer their best service to the customers, by Korean Government. And we are selected for the water treatment systems range among many Korean water products manufacturers by Seoul Metropolitan Government.

As a result, we are able to use "Hi Seoul" brand as the qualified manufacturer of the water treatment products, and the most of our products will have "Hi Seoul" brand for customers who want to use it.



KOTRA Global Brand Company

A Mark of Quality, High Technology and Trustworthiness
What is the KOTRA Global Brand?

The KOTRA Global Brand is given to a select group of Korean companies that meet the highest standards of business. KOTRA proudly recommends the awarded Korean companies and products to you on the basis of their professionalism. Companies that have been awarded the KOTRA Global Brand were subjected to rigorous evaluation process to receive the Seal. Whenever you see the KOTRA Global Brand, you can be sure you are dealing with one of Korea's highly qualified companies.



Water Quality Association Member



Certificate of ISO

ISO 14001:2001 (Environmental Management System)
ISO 9001:2008 (Quality Management System)

CEO's Message

Dear fellow customers,

With priority to our clients' good health in our mind, we, HYUNDAI Wacortec. Co. Ltd as the world leader and specialist in Water Purifiers, Dispensers, Air Purifiers as well as other well-being products have enjoyed a great reputation of the various selections, highest quality, and advanced technology as well as our commitment since established.

Our superior products with wide selections have been exported to the world to build our network of exclusive master dealers and to satisfy our customers with our swift service for their needs.

With the good design of our products and their durability at a reasonable price, We are dedicated to giving you a better life and benefits.

Our motto-Accuracy, Technical Innovation, Superiority in quality and Perfect Service-represents that we'll do our best to give pure, fresh, clean water and air and also to keep our customers healthy with our well-being products.

We appreciate your continuous support and interest,
We will do our best for you.
Thank you.

President & CEO Y. S. Shin

Refined & Confident

OVERVIEW

Water Treatments

POU Water Cooler



WACO 6P



W2-100 Series 7P



POSEIDON 8P



ROMEO series 8P



JULIET series 8P



W2-340 series 9P



W2-360 series 9P



W2-300 series 10P



W2-310 series 10P



W2-320 series 10P



W2-100MP series 11P

Water Purifier



HW series 13P



HW-NP Series 14P



HW-RP Series 15P



Undersink RO system 16P



HQ7 4/3stage 17P



HQ7 2/1 stage 18P



Water Pitcher 19P



LIFE WATER FILTER 20P



HW-AP Series 21P

Bottled Water Cooler



W2-170 22P



W2-150 22P



W2-170S 22P

Industrial Water Purification system (RO system)



HINRO 23P



INRO 24P



Sea RO 24P



Water treatment system 25P



Mobile Water treatment system 26P



HIRO 27P



HCRO 27P



Group water supply system 28P



Portable mineral water vending machine 29P



Portable mineral water factory 30P



EMRO Series 31P



HPRO Series 32P



Ultra Pure Water system 33P

Water Filter



Water Filter 34P



Water Filter 34P



Water Filter 34P



Water Filter 34P



Water Filter package 34P



De-ionization Filter 35P



KDF Filter 36P



Mult UF Filter 36P



RO Filter 37P



Filter Cartridge 38P



5 Inch Filter 38P



UV Filter 38P

Components



Leak Detector 39P



Reducing and Check Valve 39P



Filter Housing 40P



RO Pump 40P



RO Component 41P



RO Component 42P



RO Component 42P



RO Component 42P



Speed Fitting 43P



Speed Fitting 43P



Faucet 44P



Cock 44P

Sterilization



POU Sterilization 45P



BIG SIZE COMMERCIAL SIS 46P

Water Softener



DUPLEX 47P



HWS-1017/1035/1044 47P



WS-4000 47P



KDF Shower Filter 48P



VITA Shower Filter 48P



Vitamin Shower Power 48P

Bidet



HDB-1500R 49P



HDB-1500 49P



HDB-1300 49P



HDB-100 series 49P



Bobslei bidet 50P



HDBM-1100/1200 51P



HDBM-100 51P

Air Purifier



Wearable Air Purifier 52P



EOS-501D 54P



EOS-501E 54P



HYAP-202 54P



HYAP-202 54P



HYAP-201 54P



HYAP-201 54P



OXYGEN GENERATOR 55P

DIRECT CONNECT WATER COOLER

Swarovski jewelry
Design

waco Unique design
POU Water Coolers

With optional
filter system
Excellent Water filtration System !!

SWAROVSKI



HWJ-110S
W310 x D315 x H535(mm)
2L(Reservoir)/Hot 2L/Cold 2L
Filter system : Option
Purification Filters : N.S.F. Certified

HWJ-110
W310 x D315 x H1100(mm)
2L(Reservoir)/Hot 2L/Cold 2L
Filter system : Option
Purification Filters : N.S.F. Certified



L - Blue

Orange

Black

Gray

Wine

Dark Blue

Various Color options!

POU Point of Use Water Cooler

W2-100 Series

Innovative Design

Highlight your space with its refined Design

New Product

Excellent purifying efficiency
It supplies clean and pure water that pass the qualified HYUNDAI Wacortec filtration system.

Harmonious Design
Graceful design and color harmony make harmonious indoor atmosphere.

Various Color option!



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

W2-170SP
W310 x D300 x H520
Hot 3L/Cold 1.5L



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



POU Point of Use Water Cooler



POSEIDON WATER PURIFICATION SYSTEM

Product Description

The POEIDON, Hot and Cold Water Purification System, is designed for the high-volume "point - of - use" requirements of city, county, state and federal facilities along with business, commercial and industrial settings.

Biggest POU water cooler

Cold water & Hot water Big capacity

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

ROMEO / JULIET series

Innovative Design

Best Product



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

JULIET II
W370 x D410 x H1200
5L(Reservoir)/3L(Cold)/3L(Hot)

Provide high volume of pure water whenever, wherever you need.

Excellent purifying efficiency
It supplies clean and pure water that pass the qualified HYUNDAI Wacortec filtration system.

Filter system is customer's choice.

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

ROMEO II
W370 x D410 x H1200
5L(Reservoir)/3L(Cold)/3L(Hot)
Cold(4-7°C), Hot(80-90°C)

W2-340 series

Healthy and pure water is always by your side.

Upgrade Your Life

Excellent purifying efficiency
It supplies clean and pure water that pass the qualified HYUNDAI Wacortec filtration system.



W2-340H
W340 x D420 x H520
2L(Reservoir)/2L(Cold)/2L(Hot)



W2-340
W340 x D420 x H1240
20L(Reservoir)/4L(Cold)/3L(Hot)



W2-340E
W340 x D420 x H1240
5L(Reservoir)/3L(Cold)/3L(Hot)



W2-340S
W340 x D420 x H1160
5L(Reservoir)/3L(Cold)/3L(Hot)

W2-360 series

The easiest way to have clean and healthy water.

Excellent purifying efficiency
It supplies clean and pure water that pass the qualified HYUNDAI Wacortec filtration system.



W2-360
W360 x D420 x H1240
20L(Reservoir)/4L(Cold)/3L(Hot)



W2-360E
W360 x D420 x H1240
5L(Reservoir)/3L(Cold)/3L(Hot)



W2-360H
W360 x D420 x H520
2L(Reservoir)/2L(Cold)/2L(Hot)

W2-1000



W2-1000
W340 x D300 x H500
Tank capacity : 10L

POU Point of Use Water Cooler

W2-300 series



W2-300P
W300 x D310 x H970
2L(Reservoir)/2L(Cold)/2L(Hot)
Cooling System : by compressor(1/10HP)
Material of Tank : Stainless steel
Heating System : Sheath heater
Material of Tank : Stainless steel
Temperature control : by 2 sensors(Bimetal)
Material of body : ABS and EGI steel



W2-300H
W320 x D320 x H540
2L(Reservoir)/2L(Cold)/1.5L(Hot)
Cooling System : by compressor(1/10HP)
Material of Tank : Stainless steel
Heating System : Sheath heater
Material of Tank : Stainless steel
Temperature control : by 2 sensors(Bimetal)
Material of body : ABS and EGI steel

W2-310 series



W2-310H
W300 x D310 x H540
2L(Reservoir)/2L(Cold)/1.5L(Hot)



W2-310L
W310 x D310 x H1090
2L(Reservoir)/2L(Cold)/2L(Hot)



W2-310P
W310 x D310 x H970
2L(Reservoir)/2L(Cold)/2L(Hot)

*Upgrade
Your Life*

W2-320 series Analogue



W2-320W
W330 x D350 x H1060
2L(Cold)/2L(Hot)
Material of Tank : Stainless steel
Temperature control : by 2 sensors(Bimetal)
Material of Body : ABS and EGI steel



W2-320WH
W330 x D350 x H520
2L(Cold)/2L(Hot)
Material of Tank : Stainless steel
Temperature control : by 2 sensors(Bimetal)
Material of Body : ABS and EGI steel



W2-320
W330 x D350 x H1060
2L(Cold)/2L(Hot)
Material of Tank : Stainless steel
Temperature control : by 2 sensors(Bimetal)
Material of Body : ABS and EGI steel



W2-320H
W330 x D350 x H520
2L(Cold)/2L(Hot)
Material of Tank : Stainless steel
Temperature control : by 2 sensors(Bimetal)
Material of Body : ABS and EGI steel

MP Mineral Pot series

Supply Hot & Cold drinking water by connecting Mineral Water Pot with W2-150MP, W2-170MP, W2-170SMP.

W2-100MP series

*New
Product*



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



W2-170S MP
W310 x D300 x H550
3L(Cold)/1.5L(Hot)



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

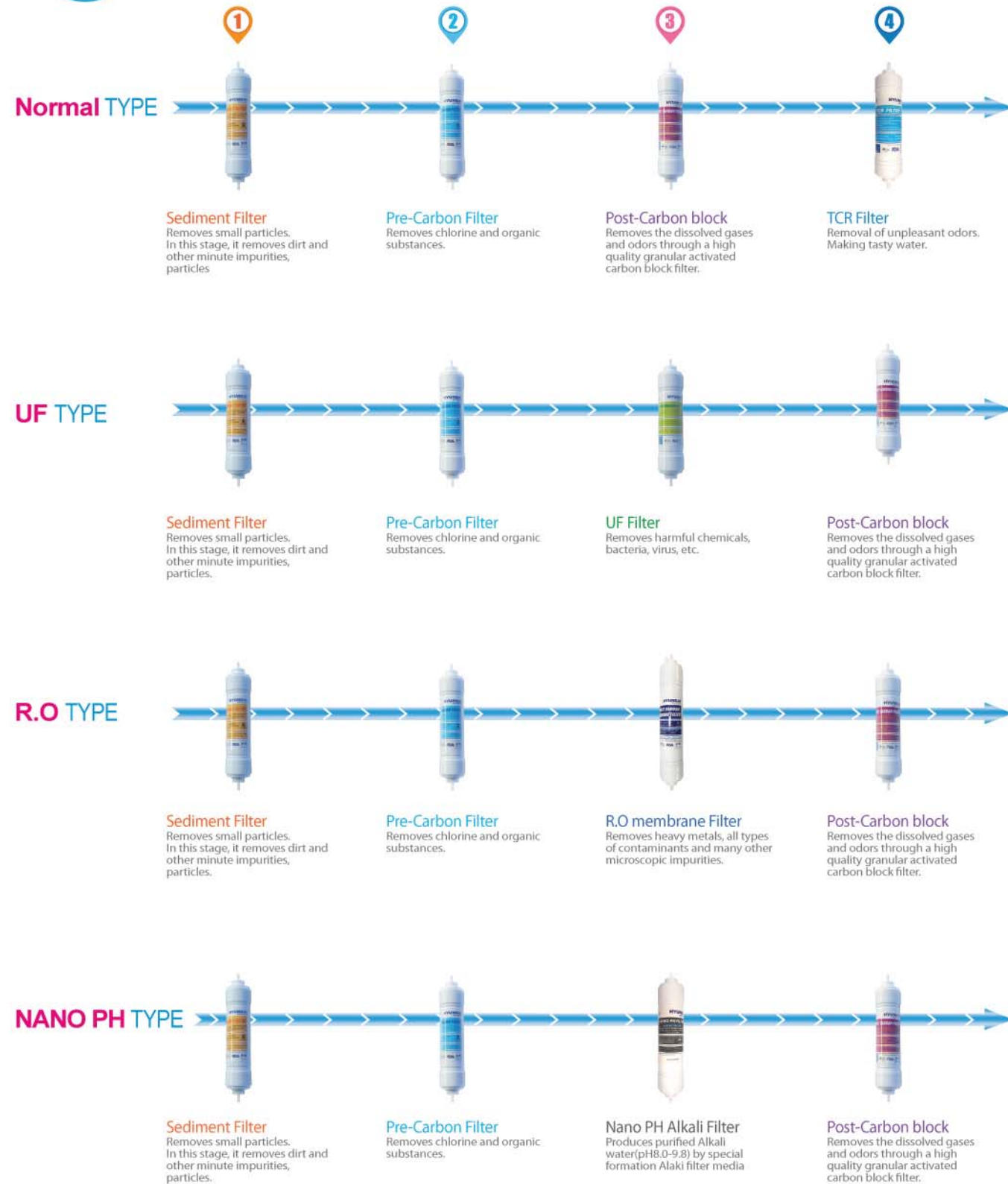
Various Color options!



Optional Filter system for POU Water Cooler

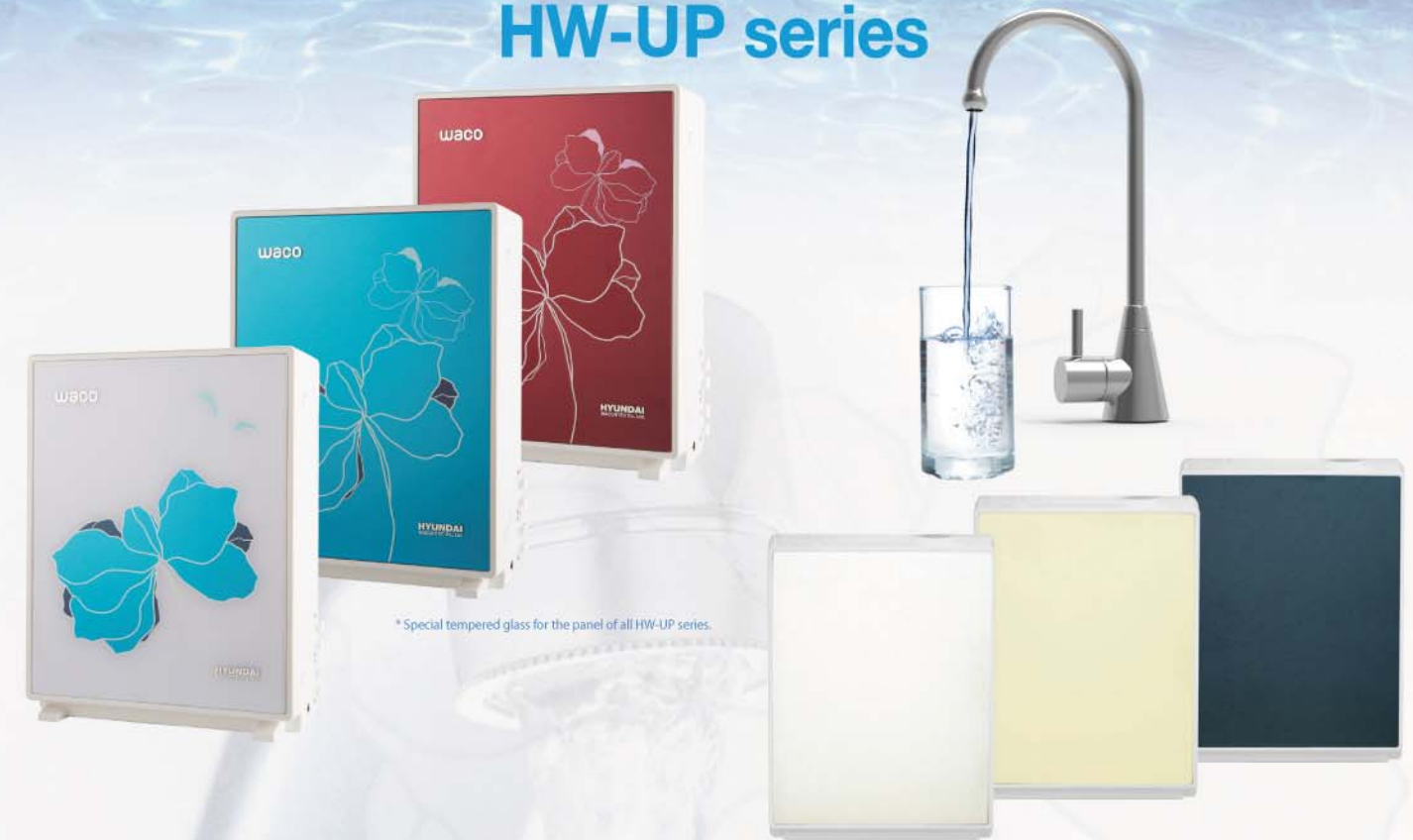
(OPTIONAL 4~5 STAGE)

Filter Type



Undersink Water Filters system

HW-UP series



- 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 **Touch Screen Style** **OPTION**
- HW-UP300M : Tankless RO filtration system

On / Undersink Water Filter System(optional)

- Tempered glass panel used for the front panel for HW-UP Series.
- Ease to use : Convenient to install and use.
- The qualified filter system : The filters are produced by Hyundai WACORTEC'S technology.
- Filter system is optional (RO filters 50, 75, 100, 150, 300GPD)

Optional Filter System

The internal structure



Optional Inside Filter System

RO / UF / Nano

HW-UP 300 : Tankless RO System

Tankless RO system by using high capacity 300GPD RO membrane filter.
- Average Flow Rate(GPD) : 300GPD



Undersink Water Filter System

HW-NP series



• 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

Optional Filter System

The internal structure



On / Undersink Water Filter System(optional)

- **Ease to use** : Convenient to install and use.
- **The qualified filter system** : The filters are produced by HYUNDAI Wacortec's technology.
- **Filter system is optional**(RO filters 50,75,100,150,300GPD)

Optional Inside Filter System

RO / UF / Nano

HW-NP : Tankless RO System

Tankless RO system by using high capacity 300GPD RO membrane filter.
- Average Flow Rate(GPD) : 300GPD



Undersink Water Filter System

HW-RP series



• 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

Optional Filter System

The internal structure



On / Undersink Water Filter System(optional)

- **Ease to use** : Convenient to install and use.
- **The qualified filter system** : The filters are produced by HYUNDAI Wacortec's technology.
- **Filter system is optional**(RO filters 50,75,100,150,300GPD)

Optional Inside Filter System

RO / UF / Nano

HW-RP : Tankless RO System

Tankless RO system by using high capacity 300GPD RO membrane filter.
- Average Flow Rate(GPD) : 300GPD



Undersink Purifier RO System 5~8 Stages

Reverse Osmosis System



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 - RO Membrane - TCR

HR-800
5 Stage RO 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
50GPD / 75GPD (at 77°F Water Temp)

Filter system
Micro - GAC - CTO - RO Membrane - TCR

HR-800M
5 Stage RO Filtration System with pump



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
760GPD
(at 77°F Water Temp, 1.5kgf/cm², Inlet 3l/min.)

Filter system
Micro - GAC - CTO - UF Membrane - TCR

HU-800
5 Stage UF Filtration System



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 - RO Membrane - TCR - UV Filter

HR-800UV
5 Stage RO Filtration System with UV & 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 - RO Membrane - TCR

HR-800M ST
5 Stage RO Filtration System without 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
L455 x 125W x 350H / 7kg

Filtration System

- Stage 1 : Sediment Filter
- Stage 2 : Pre-Carbon Filter
- Stage 3 : RO Membrane Filter
- Stage 4 : Post-Carbon Filter

QUICK CHANGE Ultimate Water Filter System

HQ7 4 / 3 Stage

Easy to installation Easy Filter Replacement

Save your space with Compact Design!



HQ7 13 inch

HQ7 11 inch



HQ7-4FR (RO System) 4 Stage

*Sediment + Pre-Carbon + R.O Membrane + Post Carbon Filter



HQ7-3FU (UF System) 3 Stage

*Sediment + Pre-Carbon + UF membrane



HQ7-4FR-ST (with RO Booster pump) 4 Stage

Clean & Fresh Water
Compact Design
Quick & Soft Filter Change



HQ7-4F (UF System) 4 Stage

*Sediment + Pre-Carbon + UF membrane + Post Carbon Filter

Removal of Dirt/Rust, Taste/Odor, Chlorine, Virus, Bacteria, E-Coli

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

- Unique Filter Design
- Easy and Quick filter change
- Composite Polypropylene Filter Body
- Automatic Shut off Valved Head
- Fitted with 1/4" Water Tubing



HQ7 RO Package System

Pride of the Best
feel the Difference!

QUICK CHANGE Water Filter

Your Life! Your Water!



HQ7 2 / 1 Stage

No Need Electric
Clean & Fresh Water
Compact Design
Quick & Soft Filter Change

HQ7 1, 2 Stage

*Available to combine filter system on customer demand.



Clean water for family's health!! Alive water



HQ7 COMPOUND FILTER SYSTEM

Available to choose various filter systems

* Improving filtering performance by the Multi-Plus & Combo-Plus Composite filter!



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

Removal of Dirt/Rust, Taste/Odor, Chlorine, Virus, Bacteria, E-Coli

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

- Unique Filter Design
- Easy and Quick filter change
- Composite Polypropylene Filter Body
- Automatic Shut off Valved Head
- Fitted All Existing 1/4" Water Tubing

WATER PITCHER

Naturife Water Pitcher



Indicator for the longevity of the filter



- * Purify the tap water in a simple way.
- * Enjoy 3.5L of sufficient amount of water.
- * Easy to check the service life of filter by indicator filter.
- * Enjoy more clean water by applying the selective filter.
- * Improve the taste of foods by using the water as cooking purpose.

More Powerful water purifying with filter option!

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



ALKA-UF Exclusive filter for Water Pitcher (UF + Alkali ball combined filter)

: For the removal of minute impurities, Bacterias, control of heavy metals and chemical, etc and production of oxygen rich alkaline water.



ECO-Combo Exclusive filter for Water Pitcher (Carbon + Resin combined filter)

: For the removal of Chlorin, Organic impurities, control of water hardness and heavy metals, Improving water taste.



BIO-ALKA Exclusive filter for Water Pitcher (Carbon + Alkali ball combined filter)

: For the removal of Chlorin, Organic impurities, improving water taste, production of oxygen rich alkaline water.

Able to enjoy the drinking water safely at a reasonable price of water pitcher.

HWP-105

Capacity : 3.5L
W253 x D119 x H278

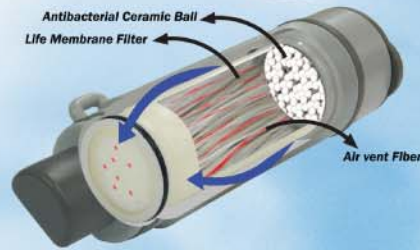
Personal Water Purification System

Life water filter

Clean water supply for Outdoor!

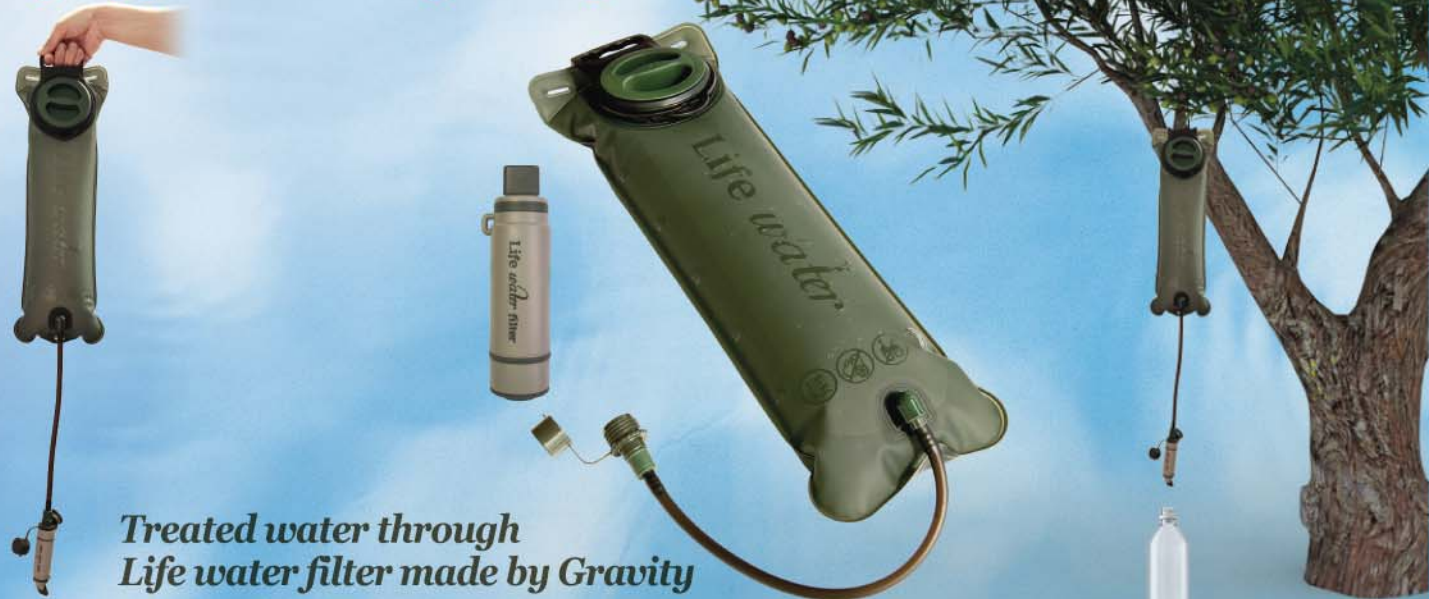


- Compact lightweight and easy to carry.
- Can be purification is river, lake or underground water.
- We apply Life membrane filter which can remove bacteria.
- Apply the antibacterial material.
- Life water filter has special air vent fiber inside filter to inhale the treated water more easily.



* Life antibacterial filter applied

Highly portable & Light weight



Treated water through Life water filter made by Gravity

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

Water Purifier for Home Use System

Alkali Water Ionizer

High-End Water Purifier

HW-AP500

- Using HYUNDAI wacortec's high technology, we have made a high quality water purifier that is very easy and convenient to control the soft faucet valve with the use of static electrical touch sensor.
- Modern & Simple design

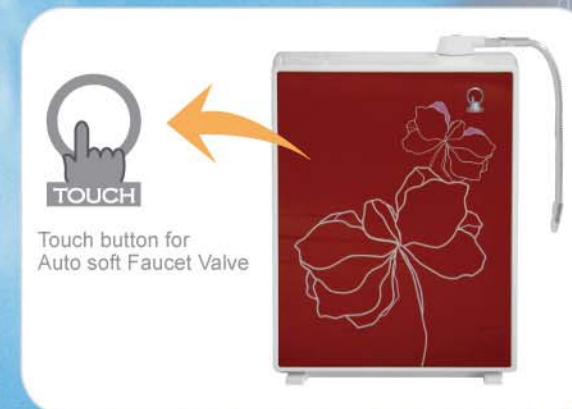


* Special tempered glass is on front of all HW-AP500.

Smart Buys

Advantage of Alkali Water

- Anti-diabetes
- Anti-skin aging and Atopy
- Removal of constipation
- Removal of free radical
- Removal of Cholesterol
- Reduction of bad breath and tonsillitis
- Prevention of a skin disease



Touch button for Auto soft Faucet Valve

Bottled Water Cooler

W2-100 series



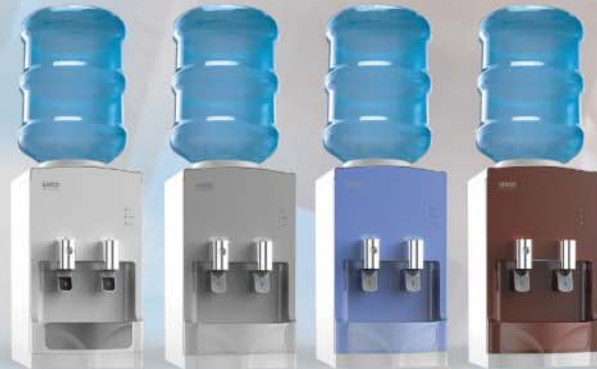
W2-170
W310 x D300 x H1135
1L(Reservoir)/2L(Cold)/2L(Hot)

W2-170S
W310 x D300 x H530
1L(Reservoir)/2L(Cold)/2L(Hot)



W2-150
W310 x D300 x H970
1L(Reservoir)/2L(Cold)/2L(Hot)

Various Color option!



Advanced Design

Industrial USE RO System

RO
Industrial USE RO system

Features of HINRO

HINRO system is operated automatically by PLC control. You can monitor the on-line Operation condition of the system and the problematic situation of it by the below Graphic Board. Also Permeate water's condition is on-line monitored by TDS Meter.



- High Water Production Rate(water flux) : It has high salt removal rate, stable chemically in wide pH range, and high flux Ro membrane is applied.
- Designed to process all operations automatically by one operation through a purification process program. The program is Micro Process Computer type which is simple and accurate to compare with existing Relay operation type.
- Compact Design : The equipment is easy to move by skid open type case. And, the equipment can treated water produce immediately when IN, OUTLET, and DRAIN are connected.



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



HINRO 50~200 ton(option)

Industrial USE RO System

HYUNDAI Wcortec Industrial System is the best choice for their proven reliability, design simplicity and responsive service support.

INRO 7~70 ton

Features of INRO

- Low pressure, high Flux R/O Membrane.
- Efficient auto flushing feature.
- Various use of product water.
- Easy to install and move.
- Compact size to minimize required space.



INRO 20 ton



Dual RO System



EDI System

Optimal system for various application

We provide best solution with client circumstance and required capacity by our optimal pretreatment system with the advanced RO system.

Easy Installation

The package unit of RO desalination system is easy to install and move and it can produce treated water right away after connecting pipe line.

Sea Water Reverse Osmosis desalination



Industrial water treatment system

This system is for supplying the water for living such as cleaning, washing and bathing etc in large consumed place like a large house, school, factory, Building etc. The 4 stage filtering system can be treated raw water efficiently to supply the optimal water for living.

Optimal system

We provide best solution with client circumstance and required capacity by our optimal pretreatment system.



Industrial water treatment system (Removal of Arsenic)

Water treatment system is for supplying big capacity water for living such as cleaning, washing and bathing etc in large consumed place like a large house, school, factory, Building etc. It is available to add **DE ARSENIC FILTER SYSTEM** on water pretreatment system for removing harmful arsenic in the raw water effectively to supply safe water.

Whole house water treatment system

This systems are installed at the main water line where water first enters the home.

Pretreated water is delivered to all sinks, baths, showers, washing machines and toilets – basically covering the whole house.



Water treatment system

Portable Mobile water treatment system

Mobile water treatment system is suitable for providing drinking water to places which do not have water supply facilities.

This system can be easily transported by a standard truck or trailer, provides the best solution for the supply of clean and potable water directly to location site in emergency situation such as natural disasters, accidents and/or war.



Usage of the Mobile water treatment system :

Emergency situation such as natural disasters, accidents and/or war



Optional Filter System!



Mobile water treatment system

Commercial USE RO System

RO
Industrial USE RO system

Features of HIRO

HIRO system using Reverse Osmosis technology, is designed to supply clean and safe water to the whole house, & restaurant, hospital and etc.

- **Low pressure, high flow R/O membrane**
: Reduced the pressure and noise from pump and remained the high Salt rejection rate.
- **Easy to operation**
: One step operating & controlling system
- **Compact design**
: Well planned design and easy to connection to Inlet, Outlet and Drain line.
- **Inflow control & produced water TDS indicator**
: Available to check water flow by using flow meter and check TDS of treated water on Display.
- **UV Sterilizer**
: UV Filter system prevents 2nd pollution of produced water through RO system.



HIRO 3~10 ton



HCRO-600/900

System Composition of HCRO Series

HCRO-300	(300GPD * 1)
HCRO-600	(300GPD * 2)
HCRO-900	(300GPD * 3)

- Commercial 6-Stage Stand type
- 11G Pressure water tank set

- HIGH capacity Commercial UF System
- UF Membrane * 3



HCRO-300



HCUF System

Group Water Supply Systems

School catering, Factory Restaurant,
Large scale of restaurant, Church, Other public places.

Group Water Supply System is used for public place like office, Educational Facilities, Government offices, Foodservice Facilities, Dining Rooms, Factories and other places.



Optional Filter Systems

- Instant Cooling system for the realization of infinite cooling capacity.
- No need of Reservoir tank to prevents any 2nd pollution.
- Air cooled tube makes no noise & no malfunction reduces power consumption. (no use of pan motor)
- Safely designed Bubbler by push type for users.

Portable Bottled Water Factory

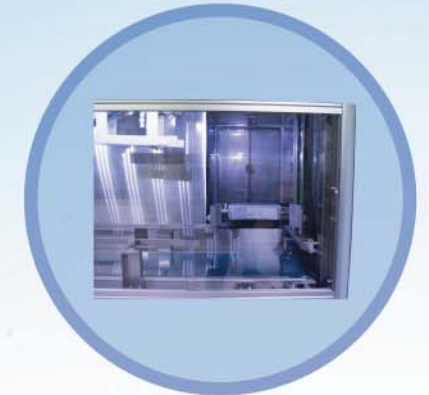
Full automatic system for one man factory small scale water factory,
military, large scale hotel, resort, company

RO
Commercial USE RO system

This equipment can perform entire of mineral water bottling process by one unit. The Portable Mineral water factory is designed for filling mineral water in 3 gallon or 5 gallon bottle automatically. This all one system is suitable for producing Bottled water in small scale factory or one-man factory. Available to add Reverse Osmosis water purification system optionally to supply clean and safe drinking water if raw water condition is bad.



- Applied the HEPA filter air purification system for maintaining Clean and hygienic production space.
- Applied the UV filter and UV lamp for sterilization of mineral water and bottle cap to prevent secondary pollutant.
- Available to choose Ozone water system(option) for sterilization of bottle.
- R/O water purification system(option)



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

Group Water Supply system

Portable Bottled Water Factory

RO Water Vending Machine

Commercial USE RO system



* Portable Mineral Water Vending Machine

- Selling drinking water at any time by payment system.
- Available to adopt various payment system optionally. (COIN, BILL, IC CARD, ETC)
- All process is doing automatically by PLC(Programmable Logic Controller) control.
- Keep clean and hygienic use by Dual UV sterilization system.
- Producing drinking water and selling in real time without the storage.
- Applied the submersible pump for low noise considering indoor installation.

Portable Mineral Water Vending Machine



- Low pressure, high flow R/O membrane.
- Easy operation.
- Compact design.(easy installment & relocation)
- Economical production cost.
- Inflow control & produced bottle countering function.
- Sterilizer : U.V sterilizer prevents pollution of produced water through R/O system.

Mineral Water Factory

Emergency Drink Water Supply System

Possible to Remove all contaminants of radioactive & NBC.(nuclear, biological and chemical)

Portable Water Purification System

EMRO series, portable water purification system, is a vehicle equipped products with a high-speed water purification system. Therefore, it is very suitable for countermeasures against natural calamities and water supply during natural disaster, warfare.

PATENT APPLICATION
No. 10-1374856

- Reverse Osmosis System with a maximum capacity of 125L/h. Portable water purification system is a vehicle equipped with a high-speed water purification system having a treatment capacity of over 125 liter per hour.
- This single-body system does not require any additional devices, which can be operated without outside power supply.



River & Lake

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



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

- Reverse Osmosis System with a maximum capacity of 125L/h. Have same Purification Capacity with Gasoline engine type. Possible to supply enough drinking water for people of 30~200.
- Electric power driven type.

Sea & River

- Reverse Osmosis Systems with Maximum capacity. EMRO-20S can supply maximum 90 liters per hour of the treated water from Seawater, and maximum 200 liters per hour of the treated water from River & Lake.
- Suitable to use in the boat.



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

Which can be operated without outside power supply.

Non-powered Portable R/O Water Purification Equipment

Possible to Remove all contaminants of radioactive & NBC.(nuclear, biological and chemical)

RO
Commercial USE RO system



PATENT APPLICATION
No. 10-1266229

* Handle-powered equipment

- You can turn the handle without power connection and raise pressure generation and then operate it.
- By compact design and light weight(8.3kgs), Maximize mobility and portability.
- Available to purify river, lake or underground water.
- Available to use the system without electricity supply.(Non-power approach)

OPTION : Carrier type or backpack type.

HPRO-201
W430 x D380 x H160

* Dual driving systems

: Available to select driving types depending on situation

A. Electric

- Operation by a pressurized pump with AC adaptor which is available to operate this system in any area possible of AC 100-220V power.

B. Non powered (Mechanical)

- Simply spin the manual handle without power connection and raise pressure generation and then operate this equipment, Simple mechanical structure leads to no failure.
- Made by PP hard case thus Solid, and Easy to carry by compact design.



Non-Powered Drive

HPRO-301
W560 x D350 x H230

Ultra Pure Water System

The qualified parts application for drinking water

RO
Commercial USE RO system



Auto Controller & Auto Flushing Function

Dual TDS Monitor

2-WAY water outlet

Leak Detector senses

Lab water system

Optimal system for laboratory and medical use.

- Fully meet the demand water quality.
- Advanced RO system with Deionization system.
- Full automatic control.
- Easy maintenance.

Applications

- Pharmaceutical industry
- Analytical 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

Sediment filter is designed to remove fine dirt, dust and particulates in water

Dirt, Sand, Rust Removal & other Solid Particles Reduction

Model No.	Length	Type	Diameter	Description
HWF-1001	8"	I type U type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	9"			* Working Pressure : 1.5-8.0kgf/cm ²
	11"			* Temperature : 1-38 °C
	13"			* Service Life : 3-6months



Post-Carbon Filter

Post carbon filter is designed to removes residual impurities, Chlorine and odors from pre treated the water by high grade activated carbon

Preventing propagation of bacteria. Eliminating unpleasant smell Taste & 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 °C
	13"			* Service Life : 9-12months

Water filter package

1sets of
4stage filters for
1year for home use



High quality water filters of HYUNDAI WACORTEC CO.,LTD

Water filters are produced under the strict quality control of HYUNDAI WACORTEC CO.,LTD as HI-SEOUL BRAND's products.

High-stability

It can supply the clean water that is purified by the superior technology of HYUNDAI WACORTEC CO.,LTD.

Available to choose various filters

There are various kinds of Water filters that users can select.



Pre-Carbon Filter

Pre carbon filter is composed of high-performance activated carbon that removes chlorine, odor, organic contaminants, pesticides and chemicals that affect to taste and odor.

Granular Activated Carbon. Taste/Odor/Chlorine Filter Cartridge

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 °C
	13"			* Service Life : 6-9months



UF Membrane Filter

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

Removal Dirt, Virus & Bacteria

Model No.	Length	Type	Diameter	Description
HWF-1004	8"	I type U type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	9"			* Working Pressure : 1.5-4.5kgf/cm ²
	11"			* Temperature : 1-45 °C
	13"			* Service Life : 12months

WATER FILTERS



TCR Filter

TCR filter is composed of high-grade activated carbon to improve taste of water and provides a finer conditioning of pure water.

Elimination of residual chlorine, odor and taste from the pre-filtration
Enhancement of taste of water

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 °C * Service Life : 9-12months



Post carbon block Filter (PCB Filter)

Post carbon block filter is designed to removes residual impurities chlorine and odors from pre treated the water for improving taste of water.

CTO-Coconut Carbon Filter Cartridge
Taste / Odor / Chlorine

Model No.	Length	Type	Diameter	Description
HWF-1007	8"	I type U type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	9"			* Working Pressure : 1.5-8.0kgf/cm ²
	11"			* Temperature : 1-38 °C
	13"			* Service Life : 9-12months



Alka-bio Filter

Alkali & antioxidant water by alkali balls which have a special formation with abundant inorganic minerals such as Coral Sand(shells), Kaoline(powder), calcium, etc.

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 °C
	13"			* Service Life : 9-12months



De-ionization Filter

Di filter treated dissolved mineral salts from water by ion-exchange resins and produces a high purity water without scale buildup.

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

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 °C
	13"			* Service Life : 3-4months



Silver Carbon Filter

This filter is designed to provide enhanced taste and removal of odors and bacteria from the purified water by Antibacterial(Silver/Ag+) Activated Carbon

Effective removal of various Bacteria.
Improve taste of water.

Model No.	Length	Type	Diameter	Description
HWF-1006	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 °C
	13"			* Service Life : 9-12months



Nano silver Membrane filter

Nano membrane filter removes high molecular-weight substances, colloidal materials, and organic and inorganic polymeric molecules, bacteria.

Model No.	Length	Type	Diameter	Description
HWF-1008	8"	I type U type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	9"			* Working Pressure : 1.5-4.5kgf/cm ²
	11"			* Temperature : 1-38 °C
	13"			* Service Life : 12months



Nano pH Filter

The Nano Ph filter is made of special formation composite alkali filter media to produce purified alkali water (pH8.00~9.8)

Oxidation Reduction Potential Intensification
Remove Active Oxygen

Model No.	Length	Type	Diameter	Description
HWF-1010	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 °C
	13"			* Service Life : 9-12months



ECO COMBO Plus Filter

Combination of Sediment and Carbon filter. Using a 1~5 micron high quality sediment filter.

Removal Dirt, Small Particles, Other minute impurities, Chlorine & Organic substances

Model No.	Length	Type	Diameter	Description
HWF-1017	11"	I type U type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
				* Working Pressure : 1.5-8.0kgf/cm ²
	13"			* Temperature : 1-38 °C * Service Life : 3-6months

WATER FILTERS



KDF Filter

KDF media is a high-purity copper-zinc formulation and NSF certified USA origin.

KDF process media will reduce or remove chlorine, iron, hydrogen sulfide, lead, mercury, magnesium, and chromium, and may inhibit the growth of bacteria, algae, and fungi.

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 °C
	13"			* Service Life : 9-12months



De-Arsenic Filter

De-Arsenic filter is very effective to remove harmful arsenic in water by strong affinity for absorbing arsenic and other heavy metals.

The inherently high adsorption capacity of De-Arsenic media has been formulated into a mechanically stable block type suitable for use in wide range of portable water applications for removing arsenic in water.

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 °C
	13"			* Service Life : 3-4months



Mult UF Plus Filter

This filter is combined UF membrane and Carbon Block filter by special formation. It can be superseded these two filters effectively while maintaining both filters functions such as removing bacteria, chlorine, odour and bad taste.

Model No.	Length	Type	Diameter	Description
HWF-1016	11"	I type U type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	13"			* Working Pressure : 1.5-4.5kgf/cm ²
				* Temperature : 1-38 °C
				* Service Life : 9-12months



Mineral Filter

The mineral filter is specially designed to give us essential minerals for our health by using mainly Calcium, Anti bacterial, Hydrogen Reducing, Fir Mineral balls.

Removal of harmful Active Oxygen (free radical) and improvement of Comprisal of essential inorganic minerals for good health, safe drinking water by antibacterial & disinfection silver (Ag99.9%).

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 °C
	13"			* Service Life : 9-12months



MF Membrane Filter

This filter designed to remove small particles, dirt, mineral impurities, chemical and bacteria such as Giardia and Cryptosporidium, E.coli, etc.

Model No.	Length	Type	Diameter	Description
HWF-1015	11"	I type U type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
				* Working Pressure : 1.5-4.5kgf/cm ²
	13"			* Temperature : 1-38 °C
				* Service Life : 3-6months



Combo UF Plus Filter

This filter is combined sediment, Carbon and UF membrane filter by special formation. It can be superseded these three filters effectively while maintaining 3 kinds of filters functions such as removing particles, bacteria, chlorine, odour and bad taste.

Model No.	Length	Type	Diameter	Description
HWF-1017	11"	I type U type	2.5"	* Flow rate : 0.5GPM(1.9LPM)
	13"			* Working Pressure : 1.5-4.5kgf/cm ²
				* Temperature : 1-38 °C
				* Service Life : 9-12months

R.O Reverse Osmosis Filters



R.O Membrane Filter

RO Membrane Filter eliminates all pollutants such as heavy metals, virus, bacteria and organic chemicals through stomata with the size of 0.0001µm, which is 1/1,000,000 of the thickness of human hair

Advantage

1. The thin film of membrane sheet was made by DOW chemical US.
2. The life of elements is much stable and longer.
3. The membrane is manufactured by full automatic machine to keep quality assurance.

Product Specifications for R.O Membrane

Model Name	Permeate Flow Rate (GPD)	Applied Pressure PSI (bar)	Stabilized Salt Rejection (%)	Minimum Salt Rejection (%)	Minimum Salt Rejection (%)
50 GPD	50	60 (4.1)	98	95	Dry type elements
75 GPD	75	60 (4.1)	98	95	Dry type elements
100 GPD	100	80 (5.5)	98	95	Dry type elements
150 GPD	150	80 (5.5)	98	95	Dry type elements

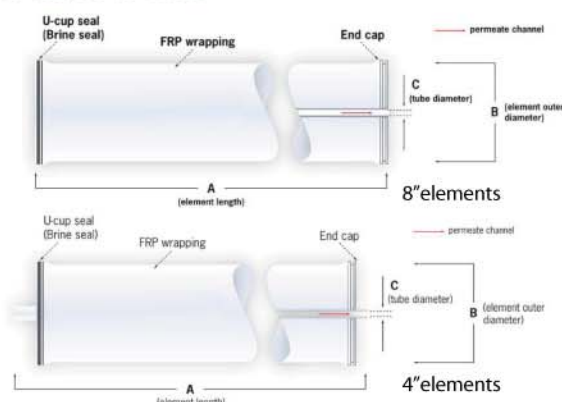
1. Permeate flow and salt rejection based on the following test conditions : 250ppm (NaCl) softened tap water, 77°F (25 °C), 15% recovery, pH 7.5 and the specified applied pressure.
2. Permeate flows for individual elements may vary +/-20%.
3. For the purpose of improvement, specifications may be updated periodically.
4. This Membrane is tested and certified by NSF international against NSF/ANSI standard 58 for material requirements only.



Operating Limits

Membrane Type	Polyamide Thin-Film Composite
Maximum Operating Temperature	113°F (45°C)
Maximum Operating Pressure	125psi (8.6 bar)
Maximum Feed Flow Rate	2.0 gpm (7.6 lpm)
Ph Range, Continuous Operation	3.0 ~ 10
Maximum Feed Silt Density Index	<5
Free Chlorine Tolerance	<0.1ppm

4040 / 8040 Filter



Size of Elements	Singel Element Recovery %	Dimension (inch)		
		A	B	C
8"	15	40	8.0	1.12
4"	15	40	4.0	0.75

Product Specifications

1. Product flow rate and salt rejection are based upon testing conditions. For RO, 2000ppm NaCl; 225psi (1.6Mpa); 25 °C ; pH=8; 15% recovery.
2. Fluctuation is ±7%.



R.O Membrane 150 GPD / 300 GPD Filter

HYUNDAI Wacortec R.O (Reverse Osmosis) membrane elements for home drinking water are the industry's most reliable.

Advanced membrane technology and automated fabrication allow these elements to deliver consistent performance that equipment suppliers, water treatment dealers and residential customers can rely on.

HYUNDAI Wacortec R.O elements are shipped dry for convenient handling and long self-life. These elements are NSF/ANSI standard 58 listed.

* Service Life : 18~24 month



* Service Life : 18~24 month



Operation Limits

Membrane Type	Polyamide Thin-Film Composite
Type Maximum Pressure	600psi (41bar)
Maximum Temperature	45 °C
Maximum Turbidity	1NTU
Free Chlorine Tolerance	< 0.1ppm
Continuous Operation pH Ranges	2-11
Short-term Cleaning pH(30min) Ranges	1-12
Maximum Feed Flow Rate	
4"	14 GPM(3.2m ³ /h)
BW30-365	70GPM(16m ³ /h)
BW30-400	85GPM(19m ³ /h)
Maximum SDI	5

Filter Cartridge · UV Filter

Filter Cartridge

Micro PP (0.5µm / 1µm / 5µm / 10µm) Filter Cartridge

- Micro PP cartridge for removal of sand, silt, dirt and Rust particles.
- Size : 10" / 20"
- Service Life : 3 Month

String Wound (5µm) Filter Cartridge

- String Wound Filter cartridge for removal of sand, silt, dirt and Rust particles.
- Size : 10" / 20"
- Service Life : 3 Month

Granular Activated Carbon Filter Cartridge

- Removal of Foul Odors, Taste of chlorine, bad smell and removes organic contaminants in water.
- Size : 10" / 20"
- Service Life : 6 Month

CTO Filter Cartridge

- Active Carbon Block : Chlorine reduction, Bad taste and odor reduction removing bad smell in water.
- Size : 10" / 20"
- Service Life : 9 Month

KDF Filter Cartridge

- Removal of Chlorine, Lead, Mercury, Iron, and Hydrogen sulfide from water supplies.
- Size : 10"
- Service Life : 9 Month

DE-IONIZATION Filter Cartridge

- DI filter cartridge treats dissolved hardness contents from water by ion-exchange resins and produces a high purity water without scale buildup.
- Size : 10" / 20"
- Service Life : 6 Month

5 Inch Filter

SEDIMENT FILTER

Filter cartridge for Removal of Dirt, Sand, Rust & Reduction of Other Solid Particles
This Filter is designed for reducing suspended materials such as dirt and sand.
Manufactured entirely from FDA compliant materials.

UV Filter

*New Generation of Filter
Simple, Easy and Cost Saving*

Catch the Pure! UV FILTER WITH PHOTOCATALYST STERILIZATION

PHOTOCATALYST : It is the material that Titanium dioxide is most commonly used and it causes a catalytic reaction by light. It has Acid resistance and is good at Alkali resistance, and it is harmless to humans and can be used semi-permanently.

Effects of purifying water by Photocatalysis : Antibacterial, Disinfectant, Deodorant and Purifying water for drinking by organic decomposition (Excellent sterilizing function of Bacteria and E.coli)

Features : Premium shape design
1/4" Quick connect fittings
Pressure aging test on 100,000 times
No glue used in assembly

Benefits : Kill bacteria, E-coil
Safe design against over water pressure
Best in household purifier or home application
Assembled by Food grade material
Easy to change UV replacement lamp



Components Leak Detector

**Never!
Water Leak!**

Non-Electrical



HW-PR 101

HW-PR 102

Feature

Economic maintain cost due to no needed electricity. It can be installed and used for products such as water purifiers which require a function that can sense a leakage of water. It is a semi permanent product and convenient to use that a compressed fiber is only needed to replace.

Feature / HW-PR 101

The Leak Detector is a re-usable mechanic leakage protector. When it detects water leakage, the valve operates and shuts down the feed water. It can be easily re-used by changing the new compressed fiber. The compact designed leak detector can be equipped with any device in any place.



HW-PA 101

HW-PA 102

PRESSURE REDUCING LEAK DETECTOR (HW-PR 102)

The Pressure Reducing Leak Detector is performing both leakage protecting and pressure reducing work in a device. The minimized fitting type pressure reducing valve is unified into a Leak Detector and reduce inlet water pressure by 40psi (3 bar).

Reducing Pressure & Check Valve

Features/Benefits

Pressure limiting valve reduces high water pressure from water supply. Even if the supply water pressure fluctuates, this pressure limiting valve ensures a constant flow of water.

Application

Pressure limiting valve is ideal for installation with high pressure systems to protect downstream components such as Water filters, dishwashers, washing machines (to reduce water hammer), dispensers, ice makers, coffee machines and RO system.



Filter Housing



Hyundai Wacortec water filter housings are manufactured of a durable polypropylene or clear Styrene-Acrylonitrile (SAN).

Filter housings are available in both 10" and 20" lengths and will accommodate various water filter cartridges.

R.O Pump

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

R.O Component

Pressure Water 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	245x245x350
NPTK-4G	50 PSI	5~7 PSI	280x280x410

Tubing

Size Available

PART No.	OD	ID	COIL LENGTH
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" x	0.170"	1/2" x	0.375"
5/16" x	0.187"		
3/8" x	0.25"		
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	7.0m ³ /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"

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	Continuous
Working Temperature	1~40°C
Wire Insulation type	E 2UEW(120°C Urethane Enamel Wire)
Ambient temperature	Less than 40°C
Valve construction	Pilot-type poppet
Temperature rise at coil	Less than Maximum 80deg when applied rated voltage

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"



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



Wrench

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°C
Port Type	Fitting-Fitting

High Pressure & Low Pressure Switch



High 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.



Low Pressure Switch

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.

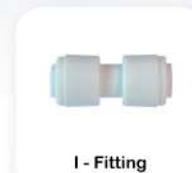
Includes two screws.

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)

Speed Fitting



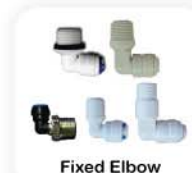
I - Fitting

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



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



2 - Way Bulkhead



3 - Way Bulkhead



Fitting Spanner



Other Fittings & Accessories

Faucet & Cock



HF-02

HF-05

HF-06



HD-101



HD-102



HD-103



HD-104



HD-106



HD-107



HD-108



HD-109

Etc



Cup Dispenser (HCD-1)



Tab Hose



POU Pedestal



Water Level Sensor



Float



Double Float



Electric Float



Tubing Cutter

POU SILVER ION STERILIZATION



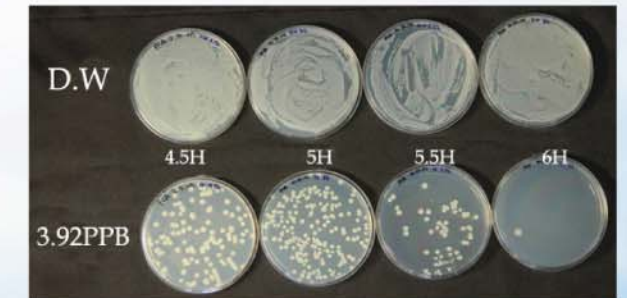
POU Sterilization

A Breakthrough in Point-of-Use Sanitization Using the latest advances in POU sanitization techniques, Hyundai Wacor Tec.Co.,Ltd.. is proud to announce SILVER IN-LINE SANITATION ('SIS').

Composed of a semiconductor that automatically sends a direct electric current at a regular rate, silver anions are generated. These anions are effective to destroy all bacteria, microbes, and viruses that exist in water.

Point of Use Water Cooler for

SIS SILVER ION STERILIZER



<SIS STERILIZATION TEST>

The basic principal of the SIS POU Sanitization System
Silver Sanitization(antibiotics) Mechanism
The paradigm of the silver

PATENT APPLICATION

No. 20-0460122



99.9%
PURE SILVER

Big Size Commercial Silver Ion Sanitization

**Unnecessary Chlorine
Reduce carrying charge
Sterilization & Antibacteria**

The chlorination causes concerns about the effects of chlorine such as smell and taste, and may also create cancerous(substances) such as trihalomethane through chemical reaction between organism and chlorine in water.

• Sterilization

With Silver's natural antiseptic, bacteriostatic, and disinfectant power, delivery of silver ion by electrolysis



- Section : Specification
- Input & Output voltage : Input(AC 100~200V, Output - DC 24V)
- Main Body(Housing) : STS 304(Electric eletro polished) * MC
- Component : Flow Cell - Silver Plate(Silver 99.9%) : 1.5T * 4EA
Titanium : 1.5T * 5EA
- Auto controller - Electric control board
(Control Electric Voltage/Current)
- Housing - STS 4" * 3T
- Silver Ion Generation Type : Constant Voltage & Current Type
- In & Out size : 40A(Size Change and Manufacture by pipe size are available)
- Silver Ion Density Generation Valve : 20 ppb



Our silver ion sanitization system by the release of silver colloid via electrolysis uses silver's sterilizing power with an eminent permanence and enhances effectiveness of antimicrobial activity against microbes of about 640 species across the globe. It also offers economical advantages with no need for maintenance expenses for at least 3 years.

WATER SOFTENER

Water Softener will benefit your family



DUPLEX HWF-2012
Inlet/Outlet pipe size : 1 inch
Drain pipe size : 1/2 inch
Dimension : Tank - 280*1560
Packing size : 460*460*890
Weight : 42kgs



HWF-2011
Inlet/Outlet pipe size : 1 inch male BSPT
Drain pipe size : 3/4 inch
Dimension : Tank - 280*1570
Packing size : 450*330*1630
Weight : 36kgs



HWS-1017A / 1035A / 1044

- FRP vessel size : 1017A / 1035A / 1044
- Resin volume : 12.5L / 25L / 32L
- Best service flow rate : 1.0 m³/h & 2.5 m³/h
- Dimension : 334*570*660
334*570*1120
334*570*1350
- Packing size : 376*610*750
376*610*1180
376*610*1400



WS-4000
W180xD200xH600
Capacity : 4~5 ion/cycle
Temperature : Max 70 °C
Restoration cycle : 1month(Filter)

Characteristics

- Filter replacement achieves restoration
- Remove rust stain and soften water in one
- Beautiful design enhances bathroom environment
- Easy to install
- Outstanding restoration efficiency

Water Softener for Bathroom

Water filters for bathroom

Bathroom Accessories

Vita Shower Filter

Removal of the residual chlorine.

1. For Sensitive skin at Residual Chlorine.
2. Newborn infants and children who need to take a shower everyday.
3. For Coarse and Dry skin

Vita Shower Filter
Service Life : 2 months



KDF Shower Filter

1. Effective removal of wide range of contaminants.
2. Cost effective.
3. Extend life and efficiency of carbon (GAC) filters.
4. Remains effective at higher water temperatures.



KDF Shower Filter
Service Life : 3~4 month

High - power & Vitaminized

1. Rising up water pressure
2. Removal of the residual chlorine
3. Effect of Vitamin C
4. Magnetized water
5. Aroma therapy
6. Release of Far-infrared radiation

Vitamin Shower Power

Rising Water pressure by the special perforated watering plate

The Vitamin Shower Power has a special perforated watering plate which sprays water softly like a mist for soft touch, and it makes effect of boosting water pressure and saving water.



<Normal Shower Head>

<Power Shower Head>



Vitamin Shower Power Shower Head & Filter Water Softener

ELECTRICAL BIDET

Everyday Refreshing
Enjoy improved health and comfort
Our technology makes your life better

Emotional Design!



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

HDB-1300
- W470 x L528 x H145
- Continuous Warm Water



HDB-1500
- W470 x L528 x H145
- Continuous Warm Water



HDB-120 / HDB-120 / HDB-140
- W470 x L528 x H145
- Instant heating system

NON-ELECTRICAL BIDET

Bobslei



A Bathroom definitely shows the life culture on housing. In other words, it represents your sense and life style quietly. A beautiful bathroom with no envy of a best hotel. The dignity of life begins from a small difference. Please upgrade your health and bathroom with a HYUNDAI Wacortec Bidet created by hard-grained technology.



Newest Life Style For Bathroom Bidet!

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

New Products

Non-electric Bidet of Premium Quality!
Clean Nozzle-Cleaning Function and Two-Nozzle System



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

- HDBM-100**
- Cold Water
 - Water Temp. Control
 - Nozzle Cleaning

PORTABLE AIR PURIFIER

Wearable Air Purifier

Wearable design for easy to carry around,
High efficiency filtering for fine dust

New Products

Neck Wearing Style Air Cleaner!



NEW Most latest and Most advanced
Portable Air Purifier in the world.

Various color option!



Easily replace HEPA Filter



A simple recharging type



Unique Wearable design for
new mobile generation

- Ergonomic wearable design for comfortable
- Light weight for easy to carry
- Simple and convenient to use at any place
- Easy filter replacement

Active air purification device that directly supplies purified air to user's nose



AIR PURIFICATION SYSTEM



*The most effective way of keeping fresh air.
Bring clean and cozy condition.*



New Products



EOS-501D
W530 x D360 x H670
Maximization of Inhale, Exhaust's Number for rise of "Purification Performance"
(Inhale through 5 sides, Exhaust through 3 sides)
Intelligent full-Automatic operation system
Applying space : 60m³



EOS-501E
W530 x D360 x H670
Maximization of Inhale, Exhaust's Number for rise of "Purification Performance"
(Inhale through 5 sides, Exhaust through 3 sides)

** Air Cleaner with Highest Ratings of CADR in the World.*



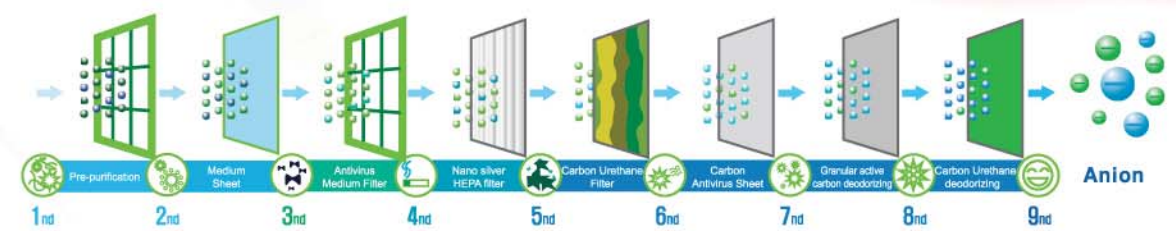
HYAP-202
W440 x D250 x H780
High-performance & High-efficiency
Nano silver HEPA Filter
9 Step Air clean system
Intelligent full-Automatic operation system



HYAP-201
W440 x D250 x H780
High-performance & High-efficiency
Nano silver HEPA Filter
9 Step Air clean system
Intelligent full-Automatic operation system



9 STEP Smart Air Ozone Sterilizing Deodorizing Purifier New Technology for Human



AIR PURIFIER WITH OXYGEN GENERATOR

Clean and pleasant room air by supply high purity oxygen with excellence air purification!

New Products



EOS-OXYGEN GENERATOR
W530 x D360 x H670
Maximization of Inhale, Exhaust's Number for rise of "Purification Performance"
(Inhale through 5 sides, Exhaust through 3 sides)
Intelligent full-Automatic operation system
Applying space : 60m³
Oxygen purity : 90% ± 3%
Oxygen flow : 1 ± 0.5L/min



High stability of low-pressure, low-noise, and low-electricity by PSA method with using selective absorption from zeolite.

New-concept oxygen therapy enjoying in your home.

*Supply abundant clean oxygen, natural phytoncide, and negative-ion
Clean air supplying system to increase oxygen density in your home*



Wish List

For :

I never go out without it!

Wearable Air Purifier
 Wearable design for easy to carry around,
 High efficiency filtering for fine dust

CERTIFICATES & REGISTRATION



Certificate of Watermark	Certificate of Watermark	Certificate of Watermark	Certificate of Watermark	Utility Model Application
CB Certificate	CB Certificate	Utility Model Patent	Utility Model Application	Utility Model Application
CE Certificate	CE Certificate	CE Certificate	CE Certificate	CE Certificate
Membership of SBA	Certificate of R&D	Certificate of promising enterprise	ROHS DOC	PSE Certificate

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WWW.HYUNDAIWATER.COM
WWW.HYUNDAIBIDET.COM
WWW.HYUNDAI-WELLBEING.COM

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CZECH REPUBLIC

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