

TOP 5

HOUSEHOLD WATER
PURIFIERS IN THE WORLD

WATER PURIFIER P4-19



High quality

02

HOT & COLD WATER DISPENSER P20-23



03

DESALINATION WATER PURIFIER P24-25

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04

AIR PURIFIER P26-27



05

WATER FILTER FOR PET P28-29



TOP 10

PREMIUM HOUSEHOLD ELECTRICAL APPLIANCES IN THE WORLD 06

FILTER AND ACCESSORIES P30-40





About Us



- I. Business Type: Manufacturer
- 2. Head office: Hanoi Capital Vietnam
- 3. Factory: Hung Yen Vietnam
- 4. **Main Products:** RO Water Purifier, Dispenser, Desalination Water Purifier
- 5. **Ownership:** Private Owner
- 6. Total Employees: 2.100
- 7. Total Annual Revenue: USD 128 Million (2018)
- 8. Year Established: 2006
- Main Markets: Domestic Market 80%;
 Middle East: 15%; Southest Asia 5%;
- 10. Certifications: ISO14001, ISO9001, Saso
- 11. Product Certifications: Test Report
- 12. Success Trademarks: Karofi, Korihome (Domestic)
- 13. Production Capacity: 100.000 items monthly
- 14. **OEM:** Southeast Asia's leading manufacturer of air purifiers and water purifiers

MISSION

To create distinctive values contributing to happier life for everyone on the green beautiful planet.

VISION 2040

Top 5 household Water Purifiers in the world Top 10 premium household electrical appliances in the world

CUSTOMER VALUE PROPOSITION (CVP)

- → To become strategic partner for our customers
- ▶ To provide sustainable development for our customers
- To bring long-term benefits for our customers
- ▶ To provide customers with effective

business solutions based on products with elegant design and smart technology.



RO WATER PURIFIER

▶ 5 stage RO system:

• Stage 1: PP 5-micron

• Stage 2: OCB/UDF

• Stage 3: PP1 micron / CTO

• Stage 4: RO membrane (50GPD/75GPD)

• Stage 5: T33

▶ Can be integrated up to 4 more stages

► TankPAC storage tank

► Headon booster pump: 24V

1001010010

Flow rate: 1.8 L / min

▶ Voltage: 220-240V/50-60Hz

► Capacity: 50 GPD

Dimensions: 370*215*460mm

▶ Weight: 13.8kg



IRO WATER PURIFIER

- ► Intelligent microcontrollers: Error warning, filter replacement time, autoflushing
- Solenoid valve Integrated 5 - stage RO system:
- ▶ Stage 1: PP 5-micron
 - Stage 2: OCB/UDF
 - Stage 3: PP1 micron / CTO
 - Stage 4: RO membrane (50GPD/75GPD)
 - Stage 5: T33
- ► Can be integrated up to 4 more stages

- ► TankPAC storage tank
- ► Headon booster pump: 24V
- Flow rate: 1.8 L/min
- ▶ Voltage: 220-240V/50-60Hz
- Capacity: 50 GPD
- Dimensions: 370*215*460mm.
- ▶ Weight: 13.9kg



PURIFIER

- ► LED light display
- Intelligent microcontrollers: Auto flushing
- Solenoid valve
- ▶ Integrated 5 stage RO system:
 - Stage 1: PP 5-micron
 - Stage 2: OCB/UDF
 - Stage 3: PP1 micron / CTO
 - Stage 4: RO membrane (50GPD/75GPD)
 - Stage 5: T33
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- ► Tank PAC storage tank
- ► Headon booster pump: 24V

- Flow rate: 1.8 L / min
- Voltage: 220-240V/50-60Hz
- Capacity: 50 GPD
- Dimensions: 370*215*460mm.
- Weight: 13.9kg



- ▶ Intelligent microcontrollers: Error warning, filter replacement time, autoflushing
- ▶ 2 in 1 switch, indicator light
- ▶ Integrated 5 stage RO system:
 - Stage 1: PP 5-micron
 - Stage 2: OCB/UDF
 - Stage 3: PP1 micron / CTO
 - Stage 4: RO membrane (50GPD/75GPD)
 - Stage 5: T33
- Can be integrated up to 4 more stages
- Quick/easy installation

- ► Tank PAC storage tank
- ► Headon booster pump: 24V
- ► Flow rate: 1.8 L / min
- ▶ Voltage: 220-240V/50-60Hz
- Capacity: 50 GPD
- Dimensions: 375*230*485mm
- ▶ Weight: 14.1kg



- ▶ Integrated 5 stage RO system:
 - Stage 1: PP 5-micron
 - Stage 2: OCB/UDF
 - Stage 3: PP1 micron / CTO
 - Stage 4: RO membrane (50GPD/75GPD)
 - Stage 5: T33
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- ▶ 2 in 1 switch, indicator light Quick fitting
- ▶ Integrated 5 stage RO system:
 - Stage 1: PP 5-micron
 - Stage 2: OCB/UDF
 - Stage 3: PP1 micron / CTO
 - Stage 4: RO membrane (50GPD/75GPD)
 - Stage 5: T33
- ► Can be integrated up to 4 more stages

- TankPAC storage tank
- ► Headon booster pump: 24V
- Flow rate: 1.8 L / min
- ► Voltage: 220-240V/50-60Hz
- Capacity: 50 GPD
- Dimensions: 375*230*485mm
- ► Weight: 14.1kg



Features

- ▶ Modern design
- Intelligent and customizable microcontroller
- ▶ 5 Stage RO system:
 - Stage 1: PP 5-micron
 - Stage 2: OCB/UDF
 - Stage 3: PP1 micron / CTO
 - Stage 4: RO membrane (50GPD/75GPD)
 - Stage 5: T33

Product parameters

- ▶ PAE Storage Tank: 3,2G
- ► Headon booster pump: 24V
- Flow rate: 1.8 L/ min
- ► Voltage: 220-240V/50-60Hz
- ► Capacity: 50 GPD



SEMI-INDUSTRIAL RO WATER PURIFIER: 200 - 1000GPD

- ▶ Integrated 5 stage RO system:
 - Stage 1: 5-micron
 - Stage 2: OCB/UDF
 - Stage 3:1 micron PP or CTO
 - Stage 4: RO membrane filmtec 1812-100 (Dow USA)
 - Stage 5: T33
- ► Can be integrated up to 1 more stage

- ▶ PAE Storage Tank: 10.7G
- ► Headon booster pump: 36V
- ► Flow rate: 3.4 L / min
- Storage tankTankPAC
- ► Capacity: 200 400GPD





The state of the s

1002020005

RO-200GPD

- Pump HF9200
- 36V transformer
- 2 RO membranes (100 GPD)
- Capacity 200 GPD
- Weight: 29,5 kg
- Size: 470*295*870mm

RO-300GPD

- HF9200 pumps x 2
- 36V transformer x 2
- 3 RO membranes (100 GPD)
- Capacity 300GPD
- Weight: 33kg
- Size: 470*295*870mm

RO-400GPD

- HF9200 pumps x 2
- 36V transformer x 2
- 4 RO membranes (100 GPD)
- Capacity 400GPD
- Weight: 34kg
- Size: 470*295*870mm



- ▶ 7 stage RO system:
 - Stage 1: PP 5-micron
 - Stage 2: OCB/UDF

 - Stage 3: PP1 micron / CTOStage 4: RO membrane (50GPD/75GPD)
 - Stage 5: T33
 - Stage 6: Mineral
 - Stage 7: Nano Silver

- Voltage: 220-240V/50-60Hz
- Power: 30W
- PAE Pressure tank: 3.2G
- Capacity: 50GPD
- Dimensions: 490*370*260mm
- ► Weight: 11.3kg



Water purifier Optimus



Product Description

Filter capacity: 100GPD	Weight: 24 kg IC smart Touch screen on the cabinet	
Membrane: RO		
Recovery rate of pure water: 70%		
Voltage: 220V - 50 Hz	Hybrid plassteel tank	
Dimensions: 290*900*340mm	Filter system: 8-9 Stages	







Warning weak water



Low pressure valve



RO membrane







KAROFI





Durable High Quality
Metal Case



9 Stages filtration system



RO Membrane



3 protection class Sediment

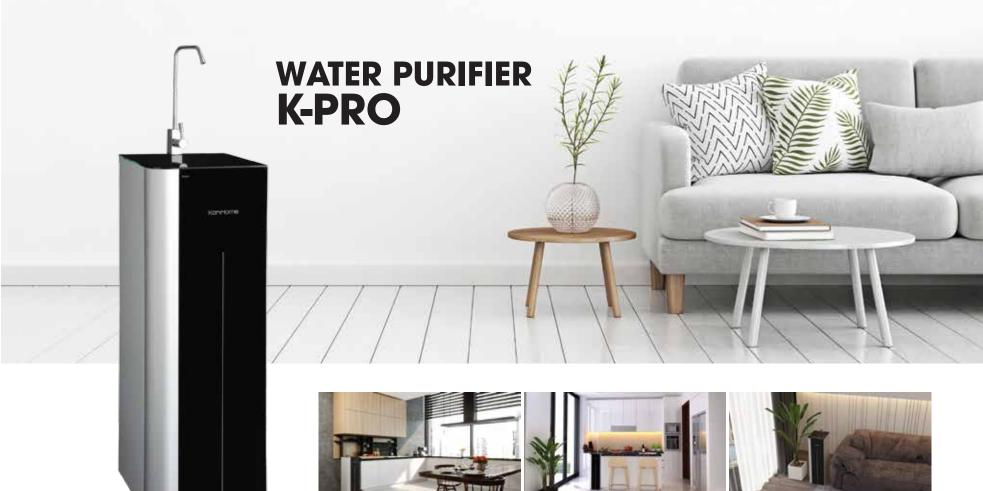


Ultra-thin Design Thickness: **19cm**



Storage tank **3.2G**







Durable high quality metal case



Modern Stainless Steel Faucet



Unique convenient 3600 degree rotating filter system



Maximum filter capacity



10 Stages filtration system





Features

- ► Compact and elegant design
- Water Leak detector and automatic shut off system
- Autoflushing
- ► Self-cleaning pre-filtration for RO membrane
- ► Easy filter replacement

Product parameters

- ► Standard 8- stages system
 - Stage 1: Sediment
 - Stage 2: Sediment
 - Stage 3: Pre carbon
 - Stage 4: Pre carbon
 - Stage 5: RO membrane
 - Stage 6: Post carbon
 - Stage 7: Alkaline
 - Stage 8: Nano Silver

- Voltage: 220-240V/50-60Hz
- Power: 30W
- PAE Pressure tank: 2G
- Capacity: 80 GPD
- Dimensions: 240*430*410mm
- ▶ Weight: 11,3kg



- ► Modern design with LED screen
- ► Intelligent microcontroller:
 - Touch screen
 - Filter replacement time,
 - Autoflushing,
 - TDS display,
 - TDS output warning,
 - Water leak warning

- ► Standard 6-stages system:
 - Stage 1: Sediment
 - Stage 2: Sediment
 - Stage 3: Pre carbon
 - Stage 4: Pre carbon
 - Stage 5: RO membrane
 - Stage 6: Post carbon
- ► Voltage: 220-240V/50-60Hz
- PAE Pressure tank: 3,2G
- Dimensions: 360*260*280mm







- Self-alert when the water run out
- Stop working without water
- Duration of heat keeping: 8 hours
- ► Cold water temp: 8 ~~10 °C
- Stainless steel tank: 304
- ► Heating power: 450W
- ► Cooling capacity: 90W
- Dimensions: 290*290*1115mm
- Weight: 19kg





12.003.0012

HCV - HOT & COLD DISPENSER WITH RO SYSTEM

- Heating deeply and cooling rapidly
- Safety and sophisticated design
 - LED lights indicator for hot & cold
 - Child safety lock
- Advanced technology:
 - Integrated 5 stages RO filtration system
 - Cooling technology by compressor
 - 5 stages Filtration system RO water purifier:
 - * Quick-Change Filter
 - ★ Stage 1: Sediment
 - ★ Stage 2 & 3: Pre Carbon
 - ★ Stage 4: RO membrane (80 GPD)
 - ★ Stage 5: Post Carbon
 - * Jaco Filter
 - ★ Stage 1: PP 5 micron
 - ★ Stage 2: OCB/UDF
 - ★ Stage 3: PP 1 micron or CTO
 - ★ Stage 4: RO membrane filmte 1812-50 (Dow USA)
 - ★ Stage 5: T33

- Voltage: 220-240V/50-60Hz
- Cold tank capacity: 3.2 L
- Hot tank capacity: 2 L
- ► Hot water temp: 80 ~~90°C
- ► Cold water temp: 8 ~~10 °C
- Stainless steel tank: 304
- Heating power: 450W
- Cooling capacity: 90W
- Booster pump: Headon
- poosier barrib, rieddori
- ▶ Dimensions: 290*290*1115mm
- Weight: 28kg





- Safety Lock for Hot Water
- ▶ Self-alert when the water run out
- Stop working without water
- Duration of heat keeping: 8 hours
- ► Cold water temp: 8 ~~10 °C
- ▶ Stainless steel tank: 304
- ► Heating power: 450W
- Cooling capacity: 90W
- Dimensions: 290*389*1129mm
- Weight: 19-20kg









Model	SW40LH	SW80LH	SW120LH	SW160LH	SW240LH	SW500LH	SW1000LH
Dimension (L*W*H) cm	60*40*60	120*40*60	120*40*65	120*40*65	120*53*65	-	-
Power	1.1 KW	1.2 KW	1.3 KW	1.4 KW	1.9 KW	6.5 KW	6.5 KW
Voltage	220/380						
Net Weight	50 KG	55 KG	60 KG	65 KG	80 KG	-	-
High pressure pump	Head of pump made of Stainless Steel						
% Consumable water	6%	10%	12%	16%	24%	-	-
Input water TDS (mg/l)	35000	35000	35000	35000	35000	35000	35000
Output water TDS (mg/l)	< 200	< 200	< 250	< 300	< 350	<500	<1000
System capacity	40 L/H	80 L/H	120 L/H	160 L/H	240 L/H	500-600L/H	>1000L/H
Membranes (Dow filmtec)	2521 ; 2540 ; 4021						
Pre-filtration	10 inch * 2	10 inch * 2	10 inch * 2	10 inch * 2	10 inch * 2	, -	· -

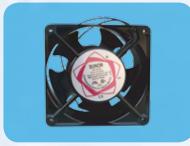






















Normal dust



Bad smell



UV MODE



ION

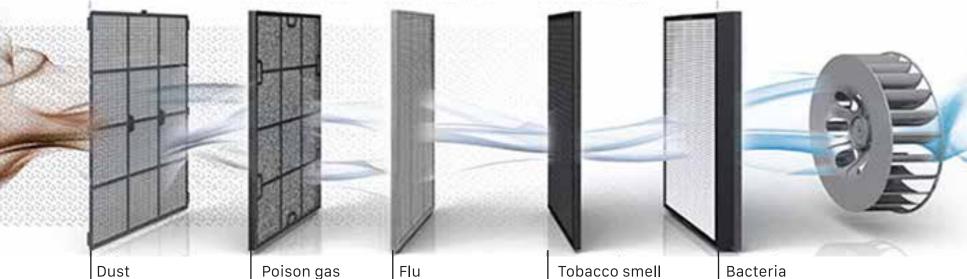


Time









Hair Animal hair

Poison gas Bad smell

Legionella

Poison gas Bad smell



Water filter for Pet



Pet Caro

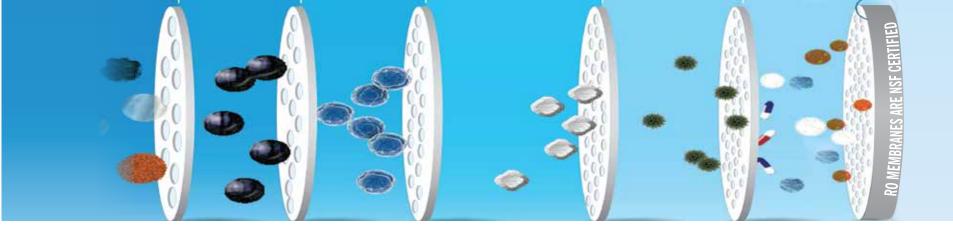
Pet replacement filter caro carpet



- 6 compartments for even carbon distribution
- Catches hair and debris
- Removes bad tastes and odors from water
- Change every 2-4 weeks to maintain water freshness

Dimensions: 136.5x83x9.5 Carton Box: 150x120x100 Quantity per box: 12 pcs







RO membrane

Highly absorbent ability, can remove pesticides, chlorine and other organic substances, odor, color and chloroform strong carcinogen, and organic substances in water, bacteria and iron and Manganese and other heavy metals adsorbed.

Model No	Features
2012010006	50 GPD Filmtec membrane
2012010007	75 GPD Filmtec membrane
2012010009	100 GPD Filmtec membrane
2012010015	75 GPD Vietnam membrane

RO Membrane housing



Model No	Receptions	Color	In/Output	
200201018	13 inch	Ye ll ow	1/8", 1/8", 1/8"	



Model No	Receptions	Color	In/Output
2002010017	13 inch	White	1/8", 1/8", 1/8"



- Carbon T33 ► Features: Stabilize the natural sweetness of the water, make pH balance
 - ► Composition: Coconut scholl activated carbon
 - ▶ Use term: 6 12 months





- Mineral Filter Features: To add minerals to water, electrolytes are useful for the body. Raise pH, help neutralize excess acid, make the water more fresh
 - ► Composition: Natural sfone minerals
 - ▶ Use term: 6 12 months





FAR INFRARED/2003040005

- ▶ Features: The cartridge contains ceramic ball particles, having the ability to absorb external heat to emit far infrared reys, making water activates for more readily being absorbed into the blood
- ▶ Use term: 12 months (10,000L)
- Note: After installion, it is required to discharge water through the cartridge for Note: 10 minutes before usebefore use



T33 ALKALINE/2003020003

- ▶ Features: Cover with PP plastic in blue, filled with almost CaO. Incerasing pH to level between 8 and 9.5. Lowers the ORP. Make water better taste.
- ▶ Use term: 6-9 months (depend on water usage and level of contamination)
- Note: After installion, it is required to discharge water through the cartridge for 10 minutes before usebefore use



- Features: Contains hydrogen-forming agents that help to neutralize strong oxidizing agents and free radicals, help to slow the aging process, improve the condition of the digestive system, and diseases caused by free radicals
- ▶ Use term: 12 months (10,000L)

NANO SILVER/2003070003

- ► Features: Kill bacteria and prevent the intrusion of 99,99% of bacteria from the air (Coliform, E.coli...)
- ▶ Use term: 12 months (10,000L)
- ▶ Note: After installion, it is required to discharge water through the cartridge fo 10 minutes before usebefore use



UV LIGHT/2003090012

- ► Features:
 - Quick disinfection without chemicals, no by-products.
- Sterilizing effect up to 99,99%.
- Does not change the physical and chemical composition of water, Maintain the taste of water,
- Easy to install and maintain.
- ▶ Use term: 8000 hours











PP Fiter

Functions:

Filter organic impurities, rust, mud or other contaminants of larger than 5 Micron in size

Including 2 types:

Normal PP and PP with cap

Standard:

Material: PP Flow rate: L/h: 70

UDF Fiter

Height: 10" / 250- 251.5mm

OCB Fiter

Functions:

Strongly absorbs odors and organic soluble substance being capable of processing substances including radioactive, arsenic and ammonium

Standard:

Cover material: PP plastics Filter material: Coconut carbon Flow rate: L/h: 75

CTO Fiter

Functions:

Absorption of toxic chemicals, pesticides, dioxin,

and partly heavy metal, filtering substances of Large size and being insoluble in water

Standards:

Filter material: Activated carbon granular Minimum water flow: L/h: 75 Height: 20" / 508mm

Height: 248.5mm ± 0.5

Functions:

Absorption and reduction of the concentration of organic substances

and odorants.

Filtering large size materials which is insoluble in water

Standards:

Filtering Materials: Coconut carbon Height: 20" / 10": 507 / 248.50 Flow rate: Core 20" / 10", L/h: 90 / 60











































JACO CONNECTOR SERIES

































2009020001

Adaptor 36V 2A (Semi-industrial system)



2009010003

Adaptor 24V - 1.2A



2009010013

Adaptor 24V - 1.2A



2009010004

Adaptor 24V - 1.2A

Pump



Model: HF-9200



Model: HF-8377



Model: HF-8369



Model: HF-8389



Model: HF-8367



Model: SP-6050



Model: SP-6075

Pump head



2008050001



2008050004



2008050005



2008050007



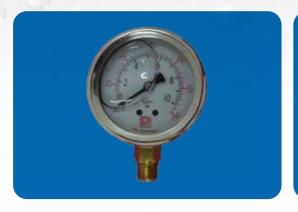
2008050003

Pump parts TDS metter Electrolytic pen 3004010023 3004010022 3004010017 8001030002 8003020002 2013060003 2013060001





Big Oil Pressure gauge Ø 41



Small Oil Pressure gauge ϕ 63



Pressure gauge ∅ 63

MULTI-FUNCTION STEEL FRAME













tecomen.com



































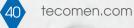




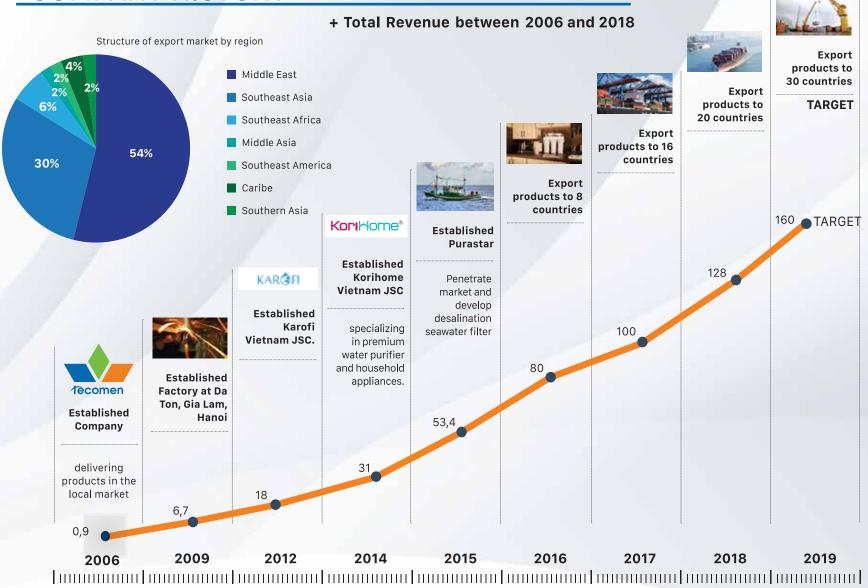








COMPANY HISTORY TECOMEN BY FIGURES



Units: Million USD





KORIHOME VIETNAM JSC

Korihome is the leading brand in providing premium RO water purifier and household appliances including: Rice cooker, electric fan, induction cooker, infrared cooker, air fryer cooker, blender, soup multifunctional cooker, heater, clothes dryer, air purifier, hot and cold dispenser integrated RO system.







PURASTAR JSC

Purastar is a member company of Tecomen Group. Its main production line is manufacturing and assembling of industrial purifier and sea desalination. It distributes water filter equipment and water purifiers used in family, office, school, pure water production line. Also, it is an initiating company providing sea desalination branded Purastar.











OEM

We mainly focus on RO manufacture to meet customer's diversified demand and provide spare parts for household RO water purifier, semi-industrial & industrial water purifier and desalination water purifier.









KAROFI VIETNAM JSC

Since its establishment, Karofi intelligent water purifier has been nationally standardized to drink directly, initiated technology and led quality.

Karofi has achieved significant development and sustain its position in not only Vietnam but also in the global market.



RESEARCH & DEVELOPMENT



BUDGET FOR R&D

5

0

OF REVENUE

• PHILOSOPHY & ROLE

- ☑ Research, design and develop products to satisfy customer's demand
- ☑ Research and application of new technology to create useful products and to bring values for users and enterprises.

MAIN R&D ACTIVITIES

- ☑ Design new, unique and distinct products. Develop products and enhance technology
- ☑ Research & develop products to keep up with market trend and satify customer's demand.
- ☑ Research, update & develop latest functions and technology
- $\ oxdot$ Research and develop process













• PHILOSOPHY OF PRODUCT DESIGN

☑ With philosophy of "Simplicity is the final elegance", Tecomen aims to design products with elegant beauty and intelligent technology, bringing the most benefits to customers of Product design.

• ORIENTATION OF PRODUCT DESIGN

☑ 100% water purifiers are designed by Tecomen

 $\ensuremath{\underline{\square}}$ To become Design provider for other companies.



MANUFACTURE



PHILOSOPHY

Our working environment is professional, dynamic, creative and safe. We manufacture products of the highest quality and reasonable price to better serve customer's satisfaction.

• CRITERIA

☑ People are the center, customer-oriented to make continuous improvement.

☑ We set target of product quality as the number one and particularly invest in new product development

• PRODUCTION LINE, TECHNOLOGY, MATERIALS

Human

☑ 100% employees are trained about Regulation, Labor safety, fire and explosion prevention, 5S, ISO 9001:2015...and technical knowledge.

☑ 80% workers achieve level of multi-skills.

QUALITY COMMITMENT

☑ We engage to manufacture products of the highest quality in accordance with the Quality management system ISO 9001-2015, ensuring 100% products are carefully test before reaching end-users.







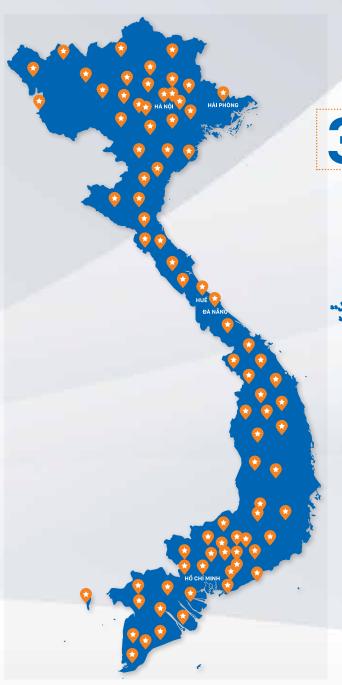
CUSTOMERS

OUR TARGET FOR THE YEAR 2019 IS TO EXPAND EXPORT TO OVER 30 COUNTRIES, OF WHICH THERE WILL BE 80 REGULAR CUSTOMERS.

80

OVER 30 COUNTRIES, OF WHICH THERE WILL BE 80 REGULAR CUSTOMERS.





300 OVER 300 CUSTOMERS ARE WATER PURIFIER AND HOME APPLIANCE COMPANIES

150 OVER 150 DISTRIBUTORS IN EVERY PROVINCES ACROSS THE COUNTRY.

6,000

OVER 5,000 SHOPS ACROSS THE COUNTRY

OVER 80% COVER OF THE BIGGEST **ELECTRONICS SUPERMARKET**



SOCIALRESPONSIBILITY



SOCIAL RESPONSIBILITY

- To create useful products for the community.
- -To contribute to the social economic and human development To enhance life quality for all staff, to create more jobs and take care of their life.
- To take advantage of natural resources; friendly-environmental manufacture.
- To sponsor/participate social activities, including: environment protection, financial aids for difficult families.

• CODE OF CONDUCT

- To build and implement volunteer programs.
- To create good relationship with community at the residence and at the workplace.
- To help community voluntarily.
- To respect local regulations/rules/culture.
- To protect environment in the workplace as well as the production area.

• TYPICAL CSR

The program "Be conscientious for Viet Future" was held in combination with National Institute of Occupational and Environmental Health, Ministry of Health.

AIM

To share a part of budget, bring free pure water to polluting places where the poor and children in particular has no way to approach clean water





Our mission is to create distinct values contributing to happier lives for everyone in the green beautiful planet. Our sustainable development strategy is to both develop human and sustain development of natural environment.

- We take water purifier manufacture as the core product, contributing to polluting water treatment and bringing clean water for the community.
- We aim to change people's mind in polluting areas towards the importance of clean water, ensuring health through CSR programs.
- We build green- clean beautiful ecology around the factory.
- We use modern equipments & machines. We always meet standards of waste emission and safe waste emission to create a green & friendly environment.

- Our products are designed to be energy saving and bring useful benefits for users, increasing competitive advantage for our customers and sustain their development.
- We often hold contest for continuous innovation to enhance production effectivity by using green materials, which help to reduce natural resource exhaustion.
- Our staff are provided with regular training to enhance their competency and learning.











