

# AIBOTE

**18+** YEARS  
Since 2005

Intelligent Manufacturer

**WATER FILTRATION PRODUCTS**

**WET DRY VACUUM CLEANER**



**Zhejiang Aibote Environmental Technologies Inc.**

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**2023**

Zhejiang Aibote Environmental Technologies Inc.



**18+** | 18+ years R&D and manufacturing experience in residential water purification products and filters

**3000000** | 3 million units of water filtration products (annual production)

**60000** | 60000 m<sup>2</sup> dust-free workshop

**330+** | 330+ patents

**99%** | Integrated water manifold platform reducing the risk of water leakage by 99%

**60%+** | Self-made parts & components

**10%** | 10% of R&D investment in annual operating revenue

## Company Profile

Premium · Precision · Intelligence

Inception in 2005, Aibote Environmental Technologies Inc. is a leading residential & commercial water purification products manufacturer and solution provider. Built according to the concept of intelligence, informatization, and automation, Aibote not only possesses full-automatic production lines and high-precision equipment, but also applies four master systems (PLM, ERP, SRM, APS) in company operation and management. By introducing MES and WMS systems, Aibote has achieved full process coverage of lean production and QC management.

Situated in a dedicated TECH building with a total floor space of 3,900 square meters, Aibote R&D and QC testing centers are equipped with various advanced analytical and testing facilities categorized as 3 functional modules:

- \* Analytical Labs (water parameters, microbiological index, filtration performance, noise test, RoHS)
- \* Reliability Labs (packaging, structure, environmental simulation, aging test, transportation impact, water utilization efficiency)
- \* Safety and Compliance Lab (electric appliances relevant tests)

Aibote products family consists of two main series, water purifiers and wet/dry vacuum cleaners. Water purification product series, with choices of more than 100 models, include under-sink RO purifier, installation-free counter-top water purifier, built-in water purifier, tea bar water dispenser, maternal & infant water purifiers, instant heating inline water dispenser, and smart faucet. Wet/dry vacuum cleaner products integrate the functions of vacuum dry cleaning, mopping and floor washing, featured with modular design, intelligent functions, and multiple styles.

Focusing on customized products development and manufacturing, Aibote has serviced hundreds of OEM/ODM customers including Fortune Global 500 companies, top American kitchen products brands, and top European home appliance brands.

## Honors and Certification

As a highly influential enterprise in water purification industry, Aibote is the drafter of 8 National/Industrial Technical Standards, the deputy chief member of China Drinking Water Appliances Technical Committee, the member of National Standardization Technical Committee (SAC/TC283)-Household Water Treatment.



National High-tech Enterprise

WQA Membership

ISO 9001

ISO 14001



MOH Licenses

Patent-Invention

CCC Certificate

CE Certificate

RoHS Compliance

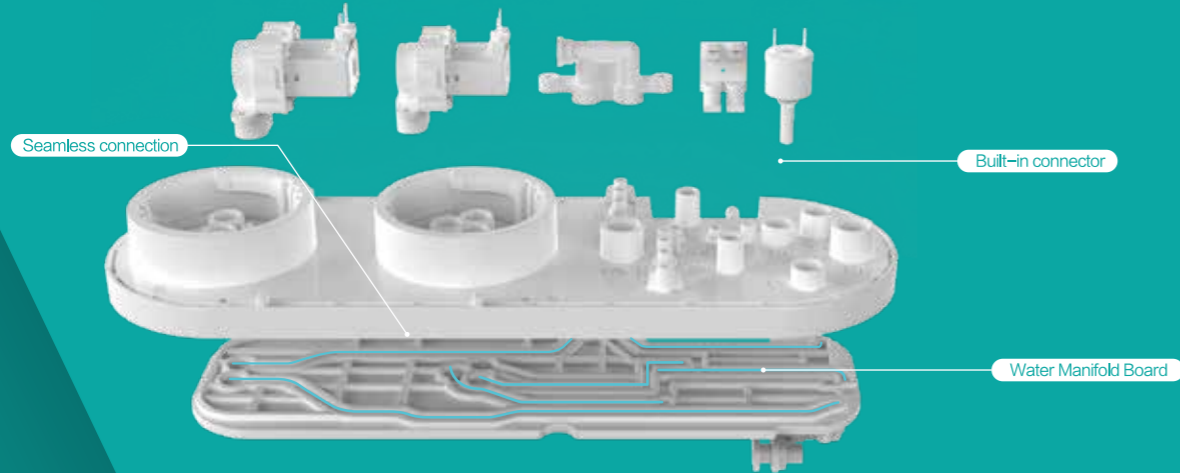
REACH Compliance

## Advanced Technology and Precision Manufacturing

Aibote key technologies includes:

- 1) integrated water manifold platform
- 2) x-in-1 composite filter solution
- 3) instant heating module
- 4) zero stale water solution
- 5) automatic water system dynamic optimization technology

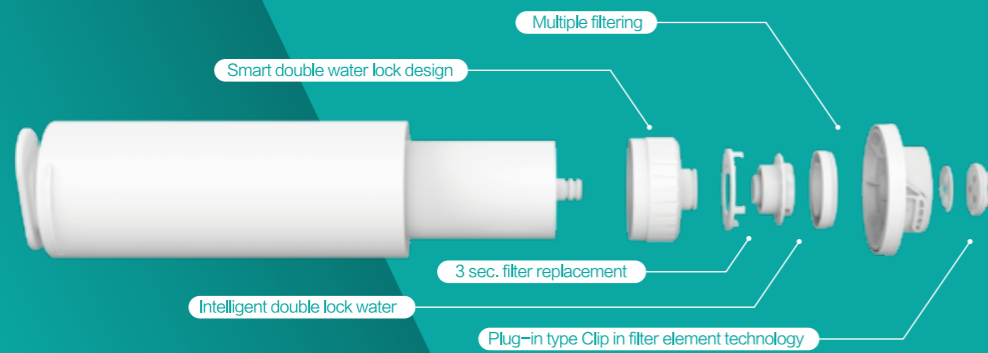
### Integrated Water Manifold Modular Platform



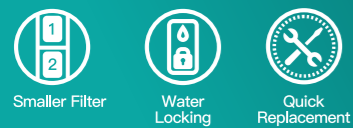
- 99% reduction of water leakage risk
- More compact and thinner
- Easy customization thanks to integrated modular design
- Silent operation



### Composite Filter Cartridge



- Innovative structure invention (patent), smaller products size
- Double automatic water locking, no leakage while filter replacement
- Hassle-free DIY 3 seconds filter replacement



## Leading Production Intelligence

To ensure stable product quality, Abote has been building its own product supply chain with more than 60% of the components are manufactured in-house thus far. Besides, four automated intelligent assembly lines were also built recent years to make sure high production efficiency and capacity.



### Customizable Functions

- TDS display feature
- Two filtered water dispensing modes (pre-filtration and RO permeate)
- Faucet style
- Various purified water flow (400 GPD-1200 GPD)
- IOT

### Features

- High flow with tankless and slim design
- High filtered water yield
- Integrated water manifold module, high-quality assurance
- Intelligent Control: auto flushing; filter life indication; fault alert
- Composite filter development reducing cost and facilitating filter replacement
- Long service lifespan of RO filter significantly reduces the cost of use
- Low operating noise (less than 55dBA)



**AW-RB11 series**

Gross weight: 11.7kg  
Product dimension: 392\*135\*393mm



**AW-RL01 series**

Gross weight: 10.5kg  
Product dimension: 347\*120\*310mm



**AW-RB27 series**

Gross weight: 13.5kg  
Product dimension: 395\*135\*395mm



**AW-RB35 series**

Gross weight: 12.5kg  
Product dimension: 445\*135\*395mm



**AW-RB28 series**

Gross weight: 13.5kg  
Product dimension: 340\*135\*395mm



**AW-RB01 series**

Gross weight: 13.5kg  
Product dimension: 468\*135\*393mm



**AW-RB02 series**

Gross weight: 12.5kg  
Product dimension: 460\*135\*393mm



**AW-RB20 series**

Gross weight: 14.5kg  
Product dimension: 450\*135\*393mm



**AW-RB21 series**

Gross weight: 14.5kg  
Product dimension: 450\*135\*393mm



**AW-RB09 series**

Gross weight: 14.6kg  
Product dimension: 457\*135\*393mm



**AW-RB26 series**

Gross weight: 12.5kg  
Product dimension: 395\*135\*395mm



**AW-RB30 series**

Gross weight: 13.5kg  
Product dimension: 385\*135\*395mm



**AW-RB31 series**

Gross weight: 13.5kg  
Product dimension: 390\*135\*395mm



**AW-RB11 series**

Gross weight: 14.0kg  
Product dimension: 386\*135\*395mm



**AW-RB05 series**

Gross weight: 11.7kg  
Product dimension: 376\*135\*393mm



**AW-RB34 series**

Gross weight: 14.5kg  
Product dimension: 400\*135\*395mm



**AW-RB07 series**

Gross weight: 11.7kg  
Product dimension: 392\*135\*393mm



**AW-RB10 series**

Gross weight: 11.7kg  
Product dimension: 392\*135\*393mm



**AW-RB32 series**

Gross weight: 12.5kg  
Product dimension: 395\*135\*395mm



**AW-RB06 series**

Gross weight: 11.7kg  
Product dimension: 392\*135\*393mm



**AW-RB38 series**

Gross weight: 14.0kg  
Product dimension: 386\*135\*395mm



**AW-RB39 series**

Gross weight: 14.0kg  
Product dimension: 386\*135\*395mm



**AW-RB04 series**

Gross weight: 11.7kg  
Product dimension: 445\*135\*393mm



**AW-RB36 series**

Gross weight: 14.0kg  
Product dimension: 397\*135\*395mm



**AW-RB40 series**

Gross weight: 13.0kg  
Product dimension: 383\*135\*395mm



**AW-RB42 series**

Gross weight: 14.5kg  
Product dimension: 390\*135\*395mm



**AW-RB23 series**

Gross weight: 14.5kg  
Product dimension: 390\*135\*395mm



**AW-RB37 series**

Gross weight: 13.5kg  
Product dimension: 389\*135\*395mm



#### AW-RB22 series

Gross weight: 14.5kg  
Product dimension: 450\*135\*393mm



#### AW-RB25 series

Gross weight: 15.0kg  
Product dimension: 390\*135\*395mm



#### AW-RL02 series

Gross weight: 10.5kg  
Product dimension: 347\*120\*310mm



#### AW-RB41 series

Gross weight: 14.5kg  
Product dimension: 390\*135\*395mm

## Features

- Zero stale water design ensuring every drop of water fresh and clean
- Double dispensing design, meeting the demand of direct drinking / living water
- High flow water purification ensuring your instant drinking freely at any time without waiting
- Low operating noise achieved by multi-noise reduction technology
- Long-lasting cartridge significantly reducing your cost of using
- Free from BPA in the entire water way

#### AW-RK01 series

Gross weight: 16.0kg  
Product dimension: 460\*150\*385mm

#### AW-RK02 series

Gross weight: 16.0kg  
Product dimension: 460\*151\*385mm



### Specification

Available RO flow	400~1200 GDP
RO permeate: drain	2:1
Power	60W (400 GPD)
Voltage	DC 24V
Filtration stages	4
First filter service life	9~15 months / PCT (PP+carbon+post carbon)
Second filter service life	30~48 months / RO
Inlet water pressure (MPa)	0.1~0.4
Inlet water quality	Municipal water
Inlet water temperature	5~38°C
Working temperature	4~40°C (ambient)

Colors and purified water flow of the products in this catalogue can be customized cater to your needs.  
Specifications in this catalogue correspond to basic models and may vary depending on the product configuration.

### Specification

Available RO flow	400~1200 GDP
RO permeate: drain	2:1
Power	60W (400 GPD)
Voltage	DC 24V
Filtration stages	4
First filter service life	CP/9-15months
Second filter service life	RO/30-48months
Third filter service life	CB/12-18months
Inlet water pressure (MPa)	0.1~0.4
Inlet water quality	Municipal water
Inlet water temperature	5~38°C
Working temperature	4~40°C (ambient)

Colors and purified water flow of the products in this catalogue can be customized cater to your needs.  
Specifications in this catalogue correspond to basic models and may vary depending on the product configuration.

## Features

- Integrated water manifold modular, sophisticated design, minimize the risk of water leakage
- Four-stage water purification with automatic flushing and control
- Real-time water quality monitoring
- 3-second DIY filter cartridge replacement, free and easy
- Automatic water lock while filter replacement
- IOT(wifi) remote control (optional)



AW-RE01 series

Gross weight:12.5kg  
Product dimension: 460\*135\*360mm



AW-RA03 series

Gross weight:13.5kg  
Product dimension: 455\*135\*395mm



AW-RA06 series

Gross weight:13.5kg  
Product dimension: 455\*135\*395mm



AW-RA03 series

Gross weight:13.5kg  
Product dimension: 455\*135\*395mm

## Specification

Available RO flow	400~600 GPD
RO permeate: drain	2:1
Power	80W
Voltage	DC 24V
Filtration stages	4
First filter service life	9~15 months/ PPC
Second filter service life	30~48 months/ RO
Third filter service life	12~18 months / Coconut shell carbon
Inlet water pressure (MPa)	0.1~0.4
Inlet water quality	Municipal water
Inlet water temperature	5~38°C
Working temperature	4~40°C (ambient)

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# AIBOTE

## Counter-top RO Purifier

## Features

- Multiple water temperature selection (45°C/85°C/100°C)
- Two water volume selection (150ml/300ml)
- Filter lifetime display, safety lock
- Hassle-free 3-second filter replacement
- Automatic UV self-cleanin
- Dry-burning prevention design
- Multifunctional touch panel customizable
- Extra kettle configuration facilitating your flexible water drinking demand

AW-RH03R-75

Gross weight:9.0kg  
Product dimension: 397\*210\*395mm





**AW-RD02 series**

Gross weight: 10.5kg  
Product dimension: 395\*195\*352mm



**AW-RD01 series**

Gross weight: 11.0kg  
Product dimension: 395\*195\*352mm



**AW-RF05R-75**

Gross weight: 8.0kg  
Product dimension: 350\*209\*343mm



**AW-RF02R-75**

Gross weight: 8.0kg  
Product dimension: 348\*209\*340mm



**AW-RF06R-75**

Gross weight: 8.0kg  
Product dimension: 348\*209\*340mm



**AW-RF03R-75**

Gross weight: 8.0kg  
Product dimension: 341\*209\*348mm



**AW-RH02R-75**

Gross weight: 9.0kg  
Product dimension: 399.5\*202\*396mm



**AW-RH05R-75**

Gross weight: 10.0kg  
Product dimension: 397\*210\*396mm



**AW-RH04R-75**

Gross weight: 9.0kg  
Product dimension: 397\*210\*396mm

**AW-RF01R-75**

Gross weight: 8.0kg  
Product dimension: 351\*215\*347mm



**Specification**

Model	Products with feed water tank	AW-RD01/RD02
Purified water Rated flow	≥11.7L/h(RO Permeate Producing)	15.6L/h
Hot water dispensing flow	≥24L/h	—
Power	2100W   1650W	24W
Voltage	AC 220V/50Hz   AC 110V/60Hz	100V~240V/50~60Hz
Filtration system stages	3	3
First filter/service life	Composite filter:PP+CTO+RO/18months	PPC/6~12 months
Second filter/service life	—	RO/24 months
Feed water tank	4.0L/5.0L	—
Purified water tank	0.8L	—
Purified water CUP	—	1.8L
Input water pressure(Mpa)	—	0.1~0.4
Inlet water quality	Municipal water	Municipal water
Inlet water temperature	5~38°C	5~38°C
Working environment temp.	4~40°C (indoor)	4~40°C (indoor)

Colors and purified water flow of the products in this catalogue can be customized cater to your needs.  
Specifications in this catalogue correspond to basic models and may vary depending on the product configuration.



# AIBOTE

## Under Sink Instant Heating RO Purifier

### Features

- Instant hot water available in seconds
- Smart faucet with filter life display and hot water temperature selection
- Hassle-free 3-second filter replacement
- Dry-burning prevention design
- Multifunctional touch panel faucet customizable
- Empty stale water by just one press of a button
- Pasteurization sterilization

#### AW-RG01R series

Gross weight: 15.5kg  
Product dimension: 457\*151\*380mm



#### AW-RG02R series

Gross weight: 16.0kg  
Product dimension: 457\*151\*380mm



#### AW-RG03R series

Gross weight: 16.0kg  
Product dimension: 457\*151\*380mm



#### AW-RG04R series

Gross weight: 15.8kg  
Product dimension: 457\*151\*380mm



#### AW-RG05R series

Gross weight: 15.8kg  
Product dimension: 457\*151\*380mm

### Specification

RO flow available	600~800GDP
Purified/drain ratio	2:1
Power	2200W   1650W
Voltage	AC 220V/50Hz   AC 110V/60Hz
Purified water flow rate	1.56L/min(for 600GPD ambient water)/2.08L/min(for 800GPD ambient water)
Hot water dispensing flow (≥ 90°C)	≥750ml/min (for water storage tank @60°C) ≥500ml/min (for water storage tank @45°C)
Filtration stages	5
Filter service life	5 in 1 composite filter cartridge (ACF+RO+C)/12~18 months
Min inlet water pressure(MPa)	0.1
Max inlet water pressure(MPa)	0.4
Inlet water quality	Municipal water
Inlet water temperature	5~38°C
Working temperature	4~40°C (ambient)

Colors and purified water flow of the products in this catalogue can be customized cater to your needs.  
Specifications in this catalogue correspond to basic models and may vary depending on the product configuration.

# AIBOTE

## Under-sink UF purifier

### Features

- No drain; no noise; no power requirement
- High flow; tankless configuration
- Hassle-free 3-second filter replacement
- Slim design with footprint only 1/2 of A4 paper
- Two-year long UF filter service time
- Integrated water manifold module, high-quality assurance

#### AW-UF-05

Gross weight: 2.0kg  
Product dimension: 240\*97\*275mm

#### AW-UF-02

Gross weight: 5.0kg  
Product dimension: 285\*263.5\*99mm

#### AW-UF-03

Gross weight: 5.0kg  
Product dimension: 285\*263.5\*99mm



### Specification

Model	AW-UF-02/AW-UF-03	AW-UF-05
Purified water rated flow	1.5L/min	1.5L/min
Filtration system stages	4	2
First filter service life	Composite filter: PP+carbon/6-12 months	TC/6-12 months
Second filter service life	UF/18~24 months	UF/12 months
Third filter lifetime	Coconut shell carbon/12~18 months	—
Input water pressure (Mpa)	0.1~0.4	0.1~0.4
Inlet water quality	municipal water	municipal water
Inlet water temperature	5~38°C	5~38°C
Working environment temp.	4~40°C (indoor)	4~40°C (indoor)

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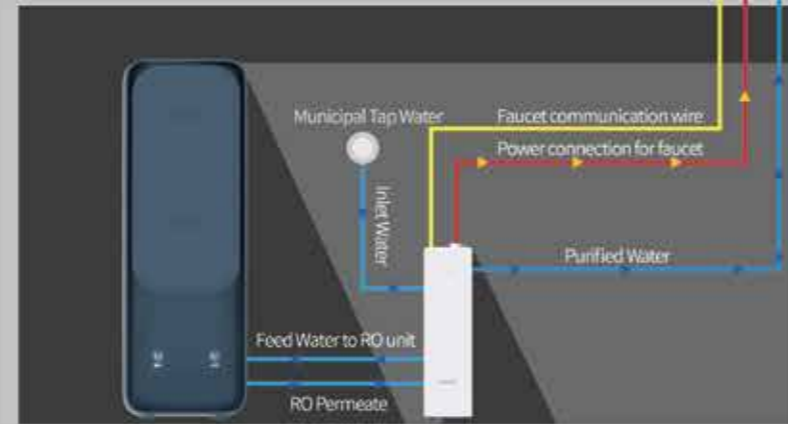
# AIBOTE

## Water Purifier Mate Universal Water Heating Module

Universal adaptable to 400~1200 GPD RO water purifier, to be used together with a dedicated smart faucet, cater for your hot drinking preference of various water temperature.

### Features

- Efficient thick film heating technology, boiled water available with in just 3 seconds, hot water capacity  $\geq 400\text{ml}/\text{min}$
- Multi-key temperature selection (25°C/45°C/60°C/85°C/95°C); adjustable multi-grade temperature; various water volume option: hot water (150ml/250ml/400ml/2000ml), ambient water (1L/2L/3L)
- Accurate temperature control with temperature variation  $\leq \pm 3^\circ\text{C}$  achievable
- LED digital display, bringing you premium experience



# AIBOTE

## Water Purifier Faucet Smart Faucet

Single outlet smart faucet

Dimension: 400\*130\*36mm

### FEATURES

- High-quality lead-free material, ceramic valve core, without concern of secondary contamination
- Dual outlet faucet flexibly switching to pre-purified water/RO permeate water
- Intelligent faucets can instantly display information like water quality, cartridge life



AWT-HM-01

Gross weight: 1.5kg  
Product dimension: 162.5\*59.5\*210.5mm



AW-HMR-01

Gross weight: 1.5kg  
Product dimension: 162.5\*59.5\*210.5mm



AW-PA-FRA

Gross weight: 2.0kg  
Product dimension: 286\*40\*182mm



AW-PA-FRB

Gross weight: 2.0kg  
Product dimension: 286\*40\*182mm



Dual outlet faucet

Dimension: 340\*130\*33mm



Single outlet faucet

Dimension: 340\*130\*22mm



Dual outlet smart faucet

Dimension: 400\*130\*36mm



Dual outlet LED Ring faucet

Dimension: 340\*130\*40mm

### Specification

Requirement for feed water	Water temperature: 5~38°C; Water pressure: 0.1-0.4MPa; Incoming water flow $\leq 3\text{L}/\text{min}$
Power	2200W   1650W
Voltage	AC 220V/50Hz   AC 110V/60Hz
Hot water dispensing flow	1~3L/min (ambient); $\geq 0.8\text{L}/\text{min}$ (45°C); $\geq 0.4\text{L}/\text{min}$ (90°C)

Colors and purified water flow of the products in this catalogue can be customized cater to your needs. Specifications in this catalogue correspond to basic models and may vary depending on the product configuration.

# AIBOTE

## Water Filters



### Pleated PP + Carbon Composite Filter



- Pleated PP + Carbon Composite Filter customizable with various specifications
- Option for different functional recipes addition such as scale inhibition, bacteria inhibition, and heavy metal removal
- High residual chlorine removal, large dirt-holding capacity, long service life

### PP + Carbon Composite Filter



- PP + Carbon Composite Filter customizable with various specifications
- Option for different functional recipes addition such as scale inhibition, bacteria inhibition, and heavy metal removal
- High residual chlorine removal, long service life

### RO Filters



- 4-10 million pieces (small-large GPD) annual production capacity
- Automatic production line
- Full inspection
- RO filter elements of various GPD customizable

### UF-grade ceramic filter



- Pure ceramic material without chemical dissolution
- Nominal pore size of 10 nanometers, effectively removes harmful substances including bacteria, while retaining minerals
- High flow rate, non-clogging, easy to clean
- Extremely long service life, no compromise of performance after physical regeneration of filter surface

### Carbon Block Filter



- Filters are customizable with various specifications (size, performance)
- Option for different functional recipes addition such as scale inhibition, bacteria inhibition, and heavy metal removal
- Application: water purifier filters, refrigerator filters, etc

# AIBOTE

Wet Dry  
Vacuum Cleaner

## Features

- Detachable 650 ml waste water chamber
- Replaceable HEPA/Sponge filters
- Detachable handle and roller brush
- Two working modes: Smart/Suction Only
- Lithium battery overcharge protection; three digital display battery power
- Self-cleaning roller brush; wastewater recyclable
- Clean water shortage alert; wastewater chamber full alert
- Auto water spray cleaning
- Rapid drying roller brush by PTC heating
- Detachable battery recharging base

ZLP-XDJ2202

Gross weight:4.5kg

Product dimension:264x246x1100mm

Packaging dimension: 740x350x410mm



ZLP-XDJ2201

Gross weight:4.5kg

Product dimension:264x246x1100mm

Packaging dimension: 740x350x410mm

