

全球水处理设备供应商

Global water treatment equipment supplier

# BUSINESS AFFAIRS DRINKING WATER

## 中海环保 净水产品推广手册



河南中海环保设备有限公司

Henan Zhonghai Environmental Protection Equipment Co., Ltd.

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Province China



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# 中海环保和您一起远航

Embrace your dreams and set sail

生命之源、健康之本

健康好水自己造，引领时尚新生活

The source of life and health

Health good water self-made, leading a new life fashion



## CONTENTS 目录

### 关于我们/About us

公司简介	03
企业文化	04
企业资质	05

### 产品部分/Product Part

商务直饮机	06
自动售水机	07
简易水处理设备	08
工业水处理设备	09-10
大型水处理设被	11
水处理配件	12

# 公司简介 company profile

河南中海环保设备有限公司有限公司深耕水处理设备及系统服务，在 OEM 与 ODM 定制领域积淀 12 年，成果显著。业务涵盖设计、制造、安装、调试、技术研发及配套材料销售，提供一站式解决方案。

依托先进技术与精湛工艺，产品广泛应用于电子、电力、化工、制药、食品饮料、餐饮等行业，以卓越品质和完善售后赢得市场高度认可。公司秉持“科技创新为基、设备质量为核心、售后服务为本”的理念，专注为用户打造高性价比产品与服务，持续提升市场竞争力和品牌美誉度。

主营产品丰富，包括反渗透设备、自动售水机、超纯水 EDI、家用饮用水处理设备等各类水处理设备，以及浓缩分离、离子交换软化等配套设备，另有齐全的配件与耗材，可充分满足客户定制需求，引领行业发展。

Henan Zhonghai Environmental Protection Equipment Co., Ltd. specializes in water treatment equipment and system services, with 12 years of experience in OEM and ODM customization and remarkable achievements. Its business covers design, manufacturing, installation, commissioning, technological R&D, and sales of supporting materials, providing one-stop solutions.

Backed by advanced technologies and exquisite craftsmanship, its products are widely used in electronics, electric power, chemical engineering, pharmaceuticals, food and beverage, catering and other industries, and have won high market recognition for their excellent quality and comprehensive after-sales services.

Adhering to the philosophy of "taking technological innovation as the foundation, equipment quality as the core, and after-sales service as the essence", the company is committed to creating cost-effective products and services for users, and continuously enhancing its market competitiveness and brand reputation.

It offers a rich range of main products, including various water treatment equipment such as reverse osmosis equipment, automatic water vending machines, ultra-pure water EDI, and domestic drinking water treatment equipment, as well as supporting equipment like concentration and separation, ion-exchange softening systems, along with a complete range of accessories and consumables. These fully meet customers' customization needs and lead the development of the water treatment industry.

## 中海环保和您一起启航

Embrace your dreams and set sail

### 于是，饮水开始有了温度

满足了安全、健康饮水的需求  
生活一切都在您的掌控之中，解放双手 让用户  
直接和饮水机对话！

It meets the needs of safe and healthy drinking water  
Everything in life is under your control, free your hands,  
Let the user talk with the water dispenser directly!



5G+AIoT 物联网云技术



企业文化 > · > · > ·  
Corporate culture



态 度决定一切

细节决定成 败

目标决定方向

行动决定未来

以质量求生存，以诚信求发 展，以服务创效益 用

感恩的心做人，用责 任的心做事

Attitude determines everything.

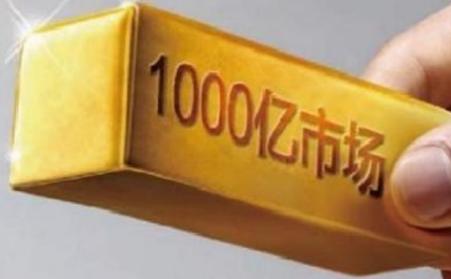
Details determine success or failure.

Goals determine direction.

Actions determine the future.

Survive by quality, develop by integrity,  
and create benefits through service.

Be a person with a grateful heart,  
and do things with a sense of responsibility.



# BRAND CULTURE

## 品牌文化

企业愿景：让世界上每一个人喝适合自己的水，让饮水变得快乐并充满想象

### ENTERPRISE VISION:

Let everyone in the world drink water that suits them, and make drinking water happy and full of imagination

企业使命：致力于为全球各饮水生态构建更适合场景的智能化饮水系统解决方案

ENTERPRISE MISSION: Committed to building an intelligent drinking water system solution that is more suitable for the global drinking water ecology

经营理念：服务客户、帮助客户、造福客户、成就客户

### BUSINESS PHILOSOPHY:

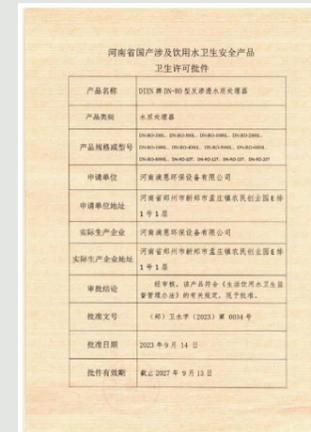
Serve, help, benefit and achieve customers

工作理念：乐于奉献、快乐工作、健康生活、精神物质双丰收  
 WTHE SPIRIT OF: illing to contribute, happy work, healthy life, spiritual and materia harvest

企业精神：友善、敬业、高效、自律

ENTERPRISE SPIRIT: Friendly, dedicated, efficient and self disciplined

# 企业资质 Business License



# 商务直饮机

BUSINESS DRINKING FOUNTAIN



## 缺水防护

低压开关有效 防止停水  
Water shortage protection  
Low-Pressure switch effectively prevents water cutoff.



## 噪音防护

使用静音泵加 装隔音棉  
Noise protection  
A silent pump is used and sound insulation cotton is installed.



## 高压防护

低压开关有效 保护水满停机  
High-pressure protection  
The low-pressure switch effectively protects against shutdown when the water is full.



## 卫生防护

管道全密闭防止二次污染  
Sanitary protection  
The pipeline is fully sealed to prevent secondary pollution.



## 节能防护

抗污高脱盐RO膜, 更加节能;  
Anti-pollution high-desalination RO membrane, more energy-efficient



## 健康防护

经过多重净水, 去除病毒、细菌  
Undergoes multiple water purification processes to remove viruses and bacteria.



## 工作防护

微电脑智能控制系统  
Microcomputer intelligent control system



## 环境防护

镀锌板静电喷塑保护机箱  
Galvanized sheet electrostatic spray protection cabinet



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## 工作防护

微电脑智能控制系统  
Microcomputer intelligent control system



## 环境防护

镀锌板静电喷塑保护机箱  
Galvanized sheet electrostatic spray protection cabinet

## 产品参数 Parameters

机器型号 (Model): X2-500L/H  
主机尺寸 (Dimensions): 720\*1100\*1750MM  
增压泵 (Booster pump): PLD2-8/1.5KW  
储水箱 (Water storage tank): 300L  
电源 (Power supply): AC110-220V/50-60HZ/1.95KW  
制水量 (Water production capacity): 500L/H  
适用水质 (Applicable water quality): TDS≤1000PPM  
RO膜规格 (RO Model): 4040  
前4级滤芯: 20寸大胖PP棉滤芯+20寸大胖活性炭滤芯+20寸大胖PP棉滤芯+20寸大胖椰壳活性炭滤芯  
First 4-stage filter elements: 20-inch large PP cotton filter element + 20-inch large activated carbon filter element + 20-inch large PP cotton filter element + 20-inch large coconut shell activated carbon filter element

## 产品特点 适用场景

Product features  
Applicable scenarios

- 微电脑控制 Microcomputer control
- 一体式机箱 Integrated cabinet
- 外观时尚美观 Stylish and attractive appearance
- 安装方便 Easy to install

特别为服务单位、咖啡店、健身房、宾馆、写字楼等商业场所制造。适合与制冰机、咖啡机、饮水机、家庭供水配套使用。  
It is specially manufactured for commercial places such as service units, coffee shops, gyms, hotels, and office buildings. It is suitable for supporting use with ice machines, coffee machines, water dispensers, and household water supply.

## 产品参数 Parameters

机器型号 (Model): C2-800G/1000G/1200G/2400G  
主机尺寸 (Dimensions): 550\*500\*1380MM  
电源适配器 (Power adapter): 冠宇达 (Guanyuda)  
增压泵 (Booster pump): 三角洲 (Delta Diaphragm Pump)  
储水箱 (Water storage tank): 11 Gallon  
电源 (Power supply): AC110-220V/50-60HZ/160W  
制水量 (Water production capacity): 800G/1000G/1200G/2400G  
适用水质 (Applicable water quality): TDS≤1000PPM  
RO膜规格 (RO Model): 3013-400G/600G/800G  
前3级滤芯: 20寸PP棉滤芯+20寸活性炭滤芯+20寸PP棉滤芯  
First 3-stage filter elements: 20-inch PP cotton filter element + 20-inch activated carbon filter element + 20-inch PP cotton filter element

## 产品特点 适用场景

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# 自动售水机

## AUTOMATIC WATER VENDING MACHINE



### 主要优势 Primary Advantages

#### ①全球收费系统 Global Billing System

可选用Nayax收费系统（支持信用卡）、移动扫描系统，支持30多个国家4G物联网系统。全球180多个国家的硬币和纸币收费系统；支持定制IC卡预储值系统，提前回收投资成本；让售水事业更简单；

Optional configurations include the Nayax billing system (supports credit cards), mobile scanning payment system, and a 4G IoT system compatible with over 30 countries. We also offer a coin and banknote payment system covering more than 180 countries worldwide, as well as a customizable IC card prepaid system that helps recover investment costs in advance—making your water vending business simpler and more efficient.

#### ②会员制消费明细查询 Translation: Query for Membership - related Consumption Details

会员用户从注册之日起，所有消费明细使用情况全部实时传输到管理后台数据库，方便随时随 地查询；

For member users, all consumption and usage details are transmitted to the management backend database in real time starting from their registration date—allowing easy access anytime, anywhere. ③

#### ③水质实时监测 Real-time Water Quality Monitoring

支持制水，冲洗，TDS检测，控温，臭氧杀菌，高中低水位监测，低水压检测；更加清晰的了解机器滤芯使用和水质情况，放心饮用。

It supports water production, flushing, TDS detection, temperature control, ozone sterilization, high/middle/low water level monitoring, and low water pressure detection—allowing you to clearly track the filter cartridge usage and water quality of the machine for safe drinking.

#### ④多种水源销售 Diversified Water Source Options

可选择多种水源销售：冷水、纯净水、弱碱水、富氢水、弱碱富氢水；可以根据客户选择定制各种类型的售水机。

Multiple water source options are available for sales: cold water, purified water, weakly alkaline water, hydrogen-rich water, and weakly alkaline hydrogen-rich water. We can customize various types of water vending machines according to customer requirements

### 技术指标 Technical Specifications

- 机身尺寸 (Machine Dimensions): 85×85×200cm
- 机器重量 (Machine Weight): 180KG
- 电源 (Power Supply): AC220V/50HZ
- 制水功率 (Water Production Power): 160W/220W/320W
- 纯水容量 (Purified Water Capacity): 160L
- 颜色 (Color): 定制可自选颜色 (Customizable Color Options)
- Support custom design of the appearance and LOGO based on the provided drawings.

- 优质供应商配件选择：陶氏管道及管件 VONTRON膜 三角洲泵 世通滤瓶 雅可比活性炭 台湾明纬电源 等；
- High-Quality Supplier Component Selection: Dow pipes and fittings, VONTRON membranes, Delta pumps, Sitong filter housings, Jacobsen activated carbon, Taiwan power supplies etc.
- 资质认证：所选配件具有NSF/ANSI 42、UL 认证、CE、RoHS、SAA 认证、RCM 标。
- Qualifications & Certifications: All selected components hold certifications including NSF/ANSI 42, UL, CE, RoHS, SAA, and RCM marking.



### 主要优势 Primary Advantages

#### ①全球收费系统 Global Billing System

可选用Nayax收费系统（支持信用卡）、移动扫描系统，支持30多个国家4G物联网系统。全球180多个国家的硬币和纸币收费系统；支持定制IC卡预储值系统，提前回收投资成本；让售水事业更简单；

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会员用户从注册之日起，所有消费明细使用情况全部实时传输到管理后台数据库，方便随时随 地查询；

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支持制水，冲洗，TDS检测，控温，臭氧杀菌，高中低水位监测，低水压检测；更加清晰的了解机器滤芯使用和水质情况，放心饮用。

It supports water production, flushing, TDS detection, temperature control, ozone sterilization, high/middle/low water level monitoring, and low water pressure detection—allowing you to clearly track the filter cartridge usage and water quality of the machine for safe drinking.

#### ④多种水源销售 Diversified Water Source Options

可选择多种水源销售：冷水、纯净水、弱碱水、富氢水、弱碱富氢水；可以根据客户选择定制各种类型的售水机。

Multiple water source options are available for sales: cold water, purified water, weakly alkaline water, hydrogen-rich water, and weakly alkaline hydrogen-rich water. We can customize various types of water vending machines according to customer requirements

### 技术指标 Technical Specifications

- 机身尺寸 (Machine Dimensions): 110×85×200cm
- 机器重量 (Machine Weight): 210KG
- 电源 (Power Supply): AC110-220V/50-60HZ
- 制水功率 (Water Production Power): 320W/480W/640W
- 纯水容量 (Purified Water Capacity): 160L/320L
- 颜色 (Color): 定制可自选颜色 (Customizable Color Options)
- Support custom design of the appearance and LOGO based on the provided drawings.

- 优质供应商配件选择：陶氏管道及管件 VONTRON膜 三角洲泵 世通滤瓶 雅可比活性炭 台湾明纬电源 等；
- High-Quality Supplier Component Selection: Dow pipes and fittings, VONTRON membranes, Delta pumps, Sitong filter housings, Jacobsen activated carbon, Taiwan power supplies etc.
- 资质认证：所选配件具有NSF/ANSI 42、UL 认证、CE、RoHS、SAA 认证、RCM 标。
- Qualifications & Certifications: All selected components hold certifications including NSF/ANSI 42, UL, CE, RoHS, SAA, and RCM marking.

# 工业水处理设备

INDUSTRIAL WATERTREATMENT EQUIPMENT



## 设备特点 Equipment Features

反渗透水处理设备是采用先进的反渗透除盐技术来制备去离子水，是一种纯物理过程的制备技术。能过滤掉水中的细菌、病毒、重金属、农药、有机物、矿物质和异色异味等；它所过滤出的水量的成本很低。在国内医药、生物、电子、化工、电厂、污水 处理等领域得到了广泛的运用。

Reverse osmosis water treatment equipment adopts advanced reverse osmosis desalination technology to produce deionized water, which is a purely physical preparation technology. It can filter out bacteria, viruses, heavy metals, pesticides, organic substances, minerals, as well as off-colors and odors in water. The cost of the water filtered by it is very low. It has been widely used in domestic fields such as medicine, biology, electronics, chemical industry, power plants, and sewage treatment.

### 参数详细 Detailed parameters

机器型号 (Model) : JY-ZH-0.25/0.5T/H  
产品尺寸 (Dimensions) : 0.25T/H : 37×50×131cm Packaging Dimensions : 45×56×155cm  
额定功率 (Power) : 1.1/1.5kW 适用电压 (Voltage) : 110-220V/50-60HZ  
净水流量 (Flow rate) : 0.25T/0.5T/H 进水压力 (Inlet pressure) : 0.1-0.4MPa  
适用水源 (Applicable water source) :  
市政自来水、地下水、河流水 (Municipal tap water, groundwater, river water)  
主要配件: 电控系统、高压水泵、PP棉过滤器、RO膜过滤器、304不锈钢框架;  
Main accessories: electronic control system, high-pressure water pump, PP cotton filter, RO membrane filter, 304 stainless steel frame;

# 工业水处理设备

INDUSTRIAL WATERTREATMENT EQUIPMENT



## 设备特点 Equipment Features

该型号反渗透设备采用的过滤工艺如下：原水泵提供水压，水流经 FRP 石英砂过滤器或者活性炭过滤器/UF系统后，进入 PP 精密过滤器；随后经高压泵加压注入反渗透系统，生产出纯净水。整套设备由全自动电控系统控制，并可与纯水水箱联动，实现全自动运行生产。当水箱水位过低时，反渗透设备会自动启动产水并注入水箱；当水箱满水后，浮球阀向控制系统传递信号，设备随即停止运行。

The filtration process of this reverse osmosis equipment model is as follows: The raw water pump provides water pressure, and the water flows through the FRP quartz sand filter Or activated carbon filter/UF system, then enters the PP precision filter. It is then pressurized by a high-pressure pump and injected into the reverse osmosis system to produce pure water. The entire set of equipment is controlled by a fully automatic electronic control system and can be linked with the pure water tank to realize fully automatic operation and production. When the water level in the tank is too low, the reverse osmosis equipment will automatically start producing water and inject it into the tank; when the tank is full, the float valve will send a signal to the control system, and the equipment will stop running immediately.

### 参数详细 Detailed parameters

机器型号 (Model) : F1-ZH-0.25/0.5T/H  
产品尺寸 (Dimensions) : 65\*50\*157cm Packaging Dimensions : 74×57×175cm  
额定功率 (Power) : 1.75/1.95kW 适用电压 (Voltage) : 110-220V/50-60HZ  
净水流量 (Flow rate) : 0.25T/0.5T/H 进水压力 (Inlet pressure) : 0.1-0.4MPa  
适用水源 (Applicable water source) :  
市政自来水、地下水、河流水 (Municipal tap water, groundwater, river water)  
主要配件: 自动电控系统、原水泵、FRP过滤器/UF系统、高压水泵、PP棉过滤器、RO膜过滤器;  
Main accessories: automatic electronic control system, raw water pump, FRP filter/UF system, high-pressure water pump, PP cotton filter, RO membrane filter;

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## INDUSTRIAL WATERTREATMENT EQUIPMENT



### 设备特点 Equipment Features

该型号反渗透设备采用的过滤工艺如下：原水泵提供水压，水流经 FRP 石英砂过滤器、活性炭过滤器或者软化水系统后，进入 PP 精密过滤器；随后经高压泵加压注入反渗透系统，生产出纯净水。整套设备由全自动电控系统控制，并可与纯水水箱联动，实现全自动运行生产。当水箱水位过低时，反渗透设备会自动启动产水并注入水箱；当水箱满水后，浮球阀向控制系统传递信号，设备随即停止运行。

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#### 参数详细 Detailed parameters

机器型号 (Model): F2-0.25/0.5T/H  
产品尺寸 (Dimensions): 80×60×150cm  
额定功率 (Power): 1.75/1.95kW      适用电压 (Voltage): 110-220V/50-60HZ  
净水流量 (Flow rate): 0.25T/0.5T/H      进水压力 (Inlet pressure): 0.1-0.4MPa  
适用水源 (Applicable water source):  
市政自来水、地下水、河流水 (Municipal tap water, groundwater, river water)  
主要配件: 自动电控系统、原水泵、2级FRP过滤器、高压水泵、PP棉过滤器、RO系统 304不锈钢框架;  
Main accessories: automatic electronic control system, raw water pump, 2-stage FRP filter, high-pressure water pump, PP cotton filter, RO membrane filter, 304 stainless steel frame;



### 设备特点 Equipment Features

该型号反渗透设备采用的过滤工艺如下：原水泵提供水压，水流经 FRP/不锈钢罐（石英砂过滤器、活性炭过滤器或者软化水系统）后，进入 PP 精密过滤器；随后经高压泵加压注入反渗透系统，生产出纯净水。整套设备由全自动电控系统控制，并可与纯水水箱联动，实现全自动运行生产。当水箱水位过低时，反渗透设备会自动启动产水并注入水箱；当水箱满水后，浮球阀向控制系统传递信号，设备随即停止运行。

The filtration process of this reverse osmosis equipment model is as follows: The raw water pump provides water pressure, and the water flows through FRP/stainless steel tanks (quartz sand filters, activated carbon filters, or water softening systems) before entering the PP precision filter. It is then pressurized by a high-pressure pump and injected into the reverse osmosis system to produce pure water. The entire set of equipment is controlled by a fully automatic electronic control system and can be linked with the pure water tank to realize fully automatic operation and production. When the water level in the tank is too low, the reverse osmosis equipment will automatically start producing water and inject it into the tank; when the tank is full, the float valve will send a signal to the control system, and the equipment will stop running immediately.

#### 参数详细 Detailed parameters

机器型号 (Model): F2-ZH-0.5T/1T/2T/3T/H  
产品尺寸 (Dimensions): 140×65×169cm / 180×76×200 cm / 260×75×170cm  
额定功率 (Power): 1.95/2.5/3.5/5.2 kW      适用电压 (Voltage): 110-220V/50-60HZ  
净水流量 (Flow rate): 1T/2T/3T/H      进水压力 (Inlet pressure): 0.25-0.45MPa  
适用水源 (Applicable water source):  
市政自来水、地下水、河流水 (Municipal tap water, groundwater, river water)  
主要配件: 自动电控系统、原水泵、2级FRP过滤器、高压水泵、PP棉过滤器、RO系统 304不锈钢框架;  
Main accessories: automatic electronic control system, raw water pump, 2-stage FRP filter, high-pressure water pump, PP cotton filter, RO membrane filter, 304 stainless steel frame;

# 工业水处理设备

INDUSTRIAL WATERTREATMENT EQUIPMENT



## 设备特点 Equipment Features

该型号反渗透设备采用的过滤工艺如下：原水泵提供水压，水流经 FRP/不锈钢罐（石英砂过滤器、活性炭过滤器和软化水系统）后，进入 PP 精密过滤器；随后经高压泵加压注入反渗透系统，生产出纯净水。整套设备由全自动电控系统控制，并可与纯水水箱联动，实现全自动运行生产。当水箱水位过低时，反渗透设备会自动启动产水并注入水箱；当水箱满水后，浮球阀向控制系统传递信号，设备随即停止运行。

The filtration process of this reverse osmosis equipment model is as follows: The raw water pump provides water pressure, and the water flows through FRP/stainless steel tanks (including quartz sand filters, activated carbon filters, and water softening systems) before entering the PP precision filter. It is then pressurized by a high-pressure pump and injected into the reverse osmosis system to produce pure water. The entire set of equipment is controlled by a fully automatic electronic control system and can be linked with the pure water tank to realize fully automatic operation and production. When the water level in the tank is too low, the reverse osmosis equipment will automatically start producing water and inject it into the tank; when the tank is full, the float valve will send a signal to the control system, and the equipment will stop running immediately.

参数详细  
Detailed  
parameters

机器型号 (Model) : F3-/0.5T/1T/2T/3T/H (Customized according to customer requirements)  
产品尺寸 (Dimensions) : 140×65×169cm/160×69×175cm/180×80×200cm/260×75×170cm  
额定功率 (Power) : 1.95kW/2.5kW/ 适用电压 (Voltage) : 110-380V/50-60HZ  
净水流量 (Flow rate) : F3-/0.5T/1T/2T/3T/H 进水压力 (Inlet pressure) : 0.25-0.45MPa  
适用水源 (Applicable water source) :  
市政自来水、地下水、河流水 (Municipal tap water, groundwater, river water)  
主要配件：自动电控系统、原水泵、3级FRP过滤器、高压水泵、PP棉过滤器、RO膜过滤器 304不锈钢框架；  
Main accessories: automatic electronic control system, raw water pump, 3-stage FRP filter, high-pressure water pump, PP cotton filter, RO membrane filter, 304 stainless steel frame;

# 便携式水处理设备

PORTABLE WATER TREATMENT EQUIPMENT



## 设备特点 Equipment Features

该便捷式 RO DI Cart 是专业级去离子水过滤系统，主打无条纹清洁、无斑点漂洗，适配窗户、汽车、太阳能电池板场景。核心配置含 10 英寸 DI 树脂过滤器、预过滤器、40 英寸不锈钢反渗透膜，整体装于带轮粉末涂层钢制框架，移动便捷。它通过多级过滤除杂质，确保清洁后晶莹无尘，且支持快速设置、低维护，配防漏连接，适合清洁、美容、维护从业者使用。

The Portable RO DI Cart is a professional-grade deionized water filtration system. It focuses on streak-free cleaning and spotless rinsing, suitable for windows, automobiles, and solar panels. Its core configuration includes a 10-inch DI resin filter, a pre-filter, and a 40-inch stainless steel reverse osmosis membrane. All components are integrated into a powder-coated steel frame with wheels for easy mobility. It removes impurities through multi-stage filtration, ensuring crystal-clear and dust-free results after cleaning. The system also supports quick setup and low maintenance, equipped with leak-proof connections, making it ideal for cleaning, detailing, and maintenance professionals.

参数详细  
Detailed  
parameters

机器型号 (Model) : BJ-ZH-500L/H  
产品尺寸 (Dimensions) : 40\*40\*145cm  
净水流量 (Flow rate) : 500L/H  
进水压力 (Inlet pressure) : 0.5-0.7MPa  
适用水源 (Applicable water source) : 市政自来水 (Municipal tap water)  
主要配件：PP棉精密过滤器、RO膜过滤器、DI树脂过滤系统、碳钢静电喷涂；  
Main Accessories: PP Cotton Precision Filter, RO Membrane Filter, DI Resin Filtration System, Carbon Steel with Electrostatic Spraying.  
用途：专为专业窗户清洁人员设计，适用于供水杆玻璃清洁场景，可提供无水印超纯水。  
Purpose: Specifically designed for professional window cleaners who require ultra-pure, water-spot free water for water-fed pole glass cleaning.



### 设备特点 Equipment Features

该型号反渗透设备采用的过滤工艺如下：原水泵提供水压，水流经 FRP/不锈钢罐（石英砂过滤器、活性炭过滤器和软化水系统）后，进入 PP 精密过滤器；随后经高压泵加压注入反渗透系统，生产出纯净水。整套设备由全自动电控系统控制，并可与纯水水箱联动，实现全自动运行生产。当水箱水位过低时，反渗透设备会自动启动产水并注入水箱；当水箱满水后，浮球阀向控制系统传递信号，设备随即停止运行。大型反渗透设备主要用于纯净水生产工厂用于罐装瓶装水或者桶装水；

The filtration process of this reverse osmosis equipment model is as follows: The raw water pump provides water pressure, and the water flows through FRP/stainless steel tanks (including quartz sand filters, activated carbon filters, and water softening systems) before entering the PP precision filter. It is then pressurized by a high-pressure pump and injected into the reverse osmosis system to produce pure water. The entire set of equipment is controlled by a fully automatic electronic control system and can be linked with the pure water tank to realize fully automatic operation and production. When the water level in the tank is too low, the reverse osmosis equipment will automatically start producing water and inject it into the tank; when the tank is full, the float valve will send a signal to the control system, and the equipment will stop running immediately. Large-scale reverse osmosis (RO) equipment is mainly used in purified water production plants for filling bottled water or barreled water.

### 主要参数 Main Parameters

机器型号 (Model): 5-100T/H (Customized according to customer requirements)  
 单级回收率: >75%      Single-pass Recovery Rate: >75%  
 脱盐率: >98%          Salt Rejection Rate: >98%  
 有机物去除率: >99%      Organic Matter Removal Rate: >99%  
 适用电压 (Voltage): 380V/50HZ  
 进水压力 (Inlet pressure): 0.25-0.45MPa  
 适用水源 (Applicable water source): 市政自来水、地下水 (Municipal tap water, groundwater,)



### 设备特点 Equipment Features

该型号反渗透设备采用的过滤工艺如下：原水泵提供水压，水流经 FRP/不锈钢罐（石英砂过滤器、活性炭过滤器和软化水系统）后，进入 PP 精密过滤器；随后经高压泵加压注入反渗透系统，生产出纯净水。整套设备由全自动电控系统控制，并可与纯水水箱联动，实现全自动运行生产。当水箱水位过低时，反渗透设备会自动启动产水并注入水箱；当水箱满水后，浮球阀向控制系统传递信号，设备随即停止运行。大型反渗透设备主要用于纯净水生产工厂用于罐装瓶装水或者桶装水；

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 脱盐率: >98%          Salt Rejection Rate: >98%  
 有机物去除率: >99%      Organic Matter Removal Rate: >99%  
 适用电压 (Voltage): 380V/50HZ  
 进水压力 (Inlet pressure): 0.25-0.45MPa  
 适用水源 (Applicable water source): 市政自来水、地下水 (Municipal tap water, groundwater,)

# 水处理配件供应商

WATER TREATMENT ACCESSORIES SUPPLIER

中海环保在水处理领域与国际(国内)著名水处理产品生产厂商合作, 积极引进推广国际、国内先进的各种水处理产品。

一站式水处理产品超市模式, 从全套水处理设备到配套零部件 一应俱全, 为客户提供全方位的产品, 节约采购成本。

Zhonghai Environmental Protection has collaborated with renowned international (and domestic) water treatment product manufacturers in the water treatment field, and actively introduces and promotes various advanced water treatment products both from home and abroad.

It adopts a one-stop water treatment product supermarket model, offering a complete range of products from full-set water treatment equipment to supporting parts and components. This provides customers with comprehensive product options and helps reduce their procurement costs.



# 水处理耗材及更换周期

WATER TREATMENT CONSUMABLES AND REPLACEMENT CYCLE



**石英砂:** 建议更换周期: 12-24个月  
Quartz sand - Recommended replacement cycle: 12-24 months



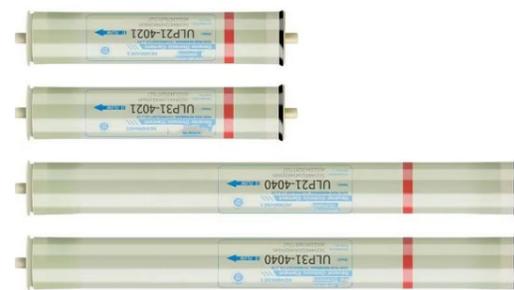
**椰壳活性炭:** 建议更换周期: 8-14个月  
Coconut shell activated carbon - Recommended replacement cycle: 8-14 months



**软化树脂:** 建议更换周期: 18-24个月  
Softening resin - Recommended replacement cycle: 18-24 months



**PP精密滤芯:** 建议更换周期: 3-6个月  
PP precision filter element: Recommended replacement cycle: 3-6 months



**反渗透膜:** 建议更换周期: 12-36个月  
Reverse osmosis membrane: Recommended replacement cycle: 12-36 months



**反渗透专用阻垢剂:** 按量添加  
Reverse osmosis special scale inhibitor: Add according to the required dosage