



Mejec Commercial Water Co.,Ltd.
美净商用设备(苏州)有限公司



Global Leading
Provider Of High-end Water Treatment
Equipment Services

全球领先的
高端水处理设备服务提供商

LiDing Environmental Co., Ltd.
江苏力鼎环保装备有限公司

公司简介 Company Profile

LiDing was born from our pursuit of a better life. Twenty years ago, when wastewater treatment equipment in China was still in its early stage, our founder, Ms. Mary Yuan, realized that wastewater problems affect the health of all people. She hoped that every drop of wastewater could be turned into clean water, and that our work could help build a better world.

With over 20 years of experience in water treatment and engineering projects, LiDing has combined advanced technology with sustainable practices to reshape the future of water management. With 100+ proprietary patents, Creating the "New Quality Productive Forces" product matrix.

Our intelligent product portfolio delivers comprehensive solutions for decentralized scenarios—Residential areas, constructions, schools, hotel etc. as well as large-scale municipal projects.

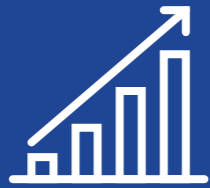
LiDing offers both wastewater and clean water treatment equipment.

Our products are certified by CE, ISO, and GCC, and serve customers in over 30 countries. We created the first household sewage treatment machine called "LiDing Scavenger." With the mission "Tech in service of water safety".

We integrate smart systems with eco-engineering to provide efficient.

From modular products to smart control systems, from wastewater to potable water, we safeguard every drop, empowering a greener where humanity and nature thrive in harmony.

力鼎诞生于我们对美好生活的不懈追求。20年前，中国废水处理行业的装备化、一体化、集成化产品还处于萌芽阶段，品牌创始人袁金梅女士已经意识到污水问题关系到全人类的卫生和健康。她希望每一滴污水都能变成生命之水，为构建美好世界贡献力量。力鼎有近20余年的水处理历史和项目经验，以创新科技重塑水环境治理未来。公司依托100余项自研专利，打造“新智生产力”的产品矩阵。可为不同场景【住宅区、建筑、学校、酒店等】以及大型市政项目提供全面的解决方案。力鼎产品涵盖废水和净水设备，通过CE、ISO、GCC国际认证，以卓越性能服务全球30余国客户。首创力鼎清道夫家用污水处理机，秉持“以科技之名，护生命之源”的使命。我们将智能系统与生态工程相结合，提供高效率的服务。从模块化产品到智慧控制系统，从废水到直饮水。我们以科技之力守护每一滴水的安全，为人类与自然共生的绿色未来持续赋能。



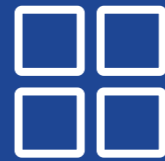
13⁺

Years of company experience
多年行业经验



100⁺

Patents
专利



10⁺

Scenarios
场景



10000⁺

Sales volume
销售批量



500000⁺

Families
家庭



工厂介绍 Factory Introduction

The manufacturing factory is located at 355 Huanghai West Road, Hai'an City, Nantong City, Jiangsu Province, covering an area of over 30000 square meters. It has internationally leading twin-screw winding production lines, high-precision automated welding and other series of technical equipment. Through quality ISO9000 certification, the product has received widespread praise from customers in both domestic and international markets. The independent production and manufacturing of sewage and water purification covers 9 series of products with a daily treatment capacity of 0.3-10000 tons: domestic sewage treatment series domestic sewage treatment machine LD Scavenger, multi household LD-Johkasou-SA, small centralized LD-Johkassou-SB, LD-JM JMMBR/MBBR/MABR/IWTP/SWROD mobile sewage treatment plant, Prefabricated wastewater treatment plants, LD-BZ integrated pump station, Deepdragon intelligent design and operation system and other integrated products. We have pioneered a new smart and connected model for environmental services, deeply empowered by the "Mobile Internet + Environmental Protection" approach. Our premium water treatment products and services have reached over 40 countries worldwide. They are extensively applied across various scenarios—from households (villas) and communities to commercial facilities (hotels, hospitals) to outdoor settings (camps)—addressing water resource scarcity and pollution remediation projects.

制造工厂位于江苏省南通市海安市黄海西路355号，占地面积逾3万平方米。工厂配备国际领先的双螺杆缠绕生产线、高精度自动化焊接等系列技术装备，通过ISO9000质量体系认证，其产品深受国内外客户广泛好评。在污水与水处理领域，工厂独立研发生产的系列产品涵盖9大系列，日处理能力达0.3-万吨：包括生活污水处理系列中的力鼎清道夫家用污水处理器、多户LD-Johkasou-SA、小型集中式LD-Johkasou-SB、LD-JMMBR/MBBR/MABR/IWTP/SWROD移动式污水处理设备、装配式污水处理厂、LD-BZ一体化泵站、Deepdragon智能设计与运营系统等集成产品。

公司开创了智能互联的环保服务新模式，通过“移动互联网+环保”深度赋能。我们的高端水处理产品与服务，已覆盖全球40余国，广泛应用于从家庭（别墅）、社区到商业设施（酒店、医院）及户外场景（营地）等各类水资源紧缺或水污染治理项目。



资质专利 Qualification & Patents

With over 100 self-developed patents, including 17 core invention patents, we have established a strong independent IP portfolio. Our technical capabilities and product quality are further recognized by multiple international certifications, such as **CE**, **ISO**, **NSF**, **UL**, and **GCC**. These achievements reflect our commitment to innovation, reliability, and global standards in our field.

我们拥有100多项自主研发专利，其中包括17项核心发明专利。牵头或参与10余项行业标准编制。建有江苏省工程技术研究中心。获得近10项管理体系认证，通过10多项环保产品资质认证。公司荣获中国水业细分领域及单项能力领跑企业、中国水环境治理十大影响力企业、污水处理装备及服务领先企业、国家高新技术企业、工信部环保装备制造规范企业、江苏省专精特新企业、江苏省瞪羚企业、江苏省创新型企业、江苏省科技型企业、江苏省五星级上云企业、苏州市瞪羚企业、苏州市服务型制造示范企业、苏州工业园区科技领军人才企业、苏州工业园区专精特新“小巨人”企业、苏州工业园区上市苗圃企业等70余项资质荣誉。研发课题获全国建设行业科技成果推广项目、江苏省生态环境科研项目成果转化推广项目。



公司产品 Company Products



Processing capacity : 5-10people
LD scavenger
Household Sewage Treatment Plant (STP)
力鼎清道夫家用污水处理机



Processing capacity : SMC 1-2m³/d
LD-Johkasou-SA
SA净化槽



Processing capacity : FRP 3-5m³/d
LD-Johkasou-SA
SA净化槽



Processing capacity : FRP 5-100m³/d
Ground installation 地上安装
LD-Johkasou-SB
SB净化槽



Processing capacity : FRP 5-100m³/d
Underground installation 地下安装
LD-Johkasou-SB
SB净化槽



Processing capacity : ≤1000m³/d
LD-JM-MBR / MBRRO / MABR / IWTP / SWROD
集装箱水处理设备(生活污水、工业污水、海水淡化)



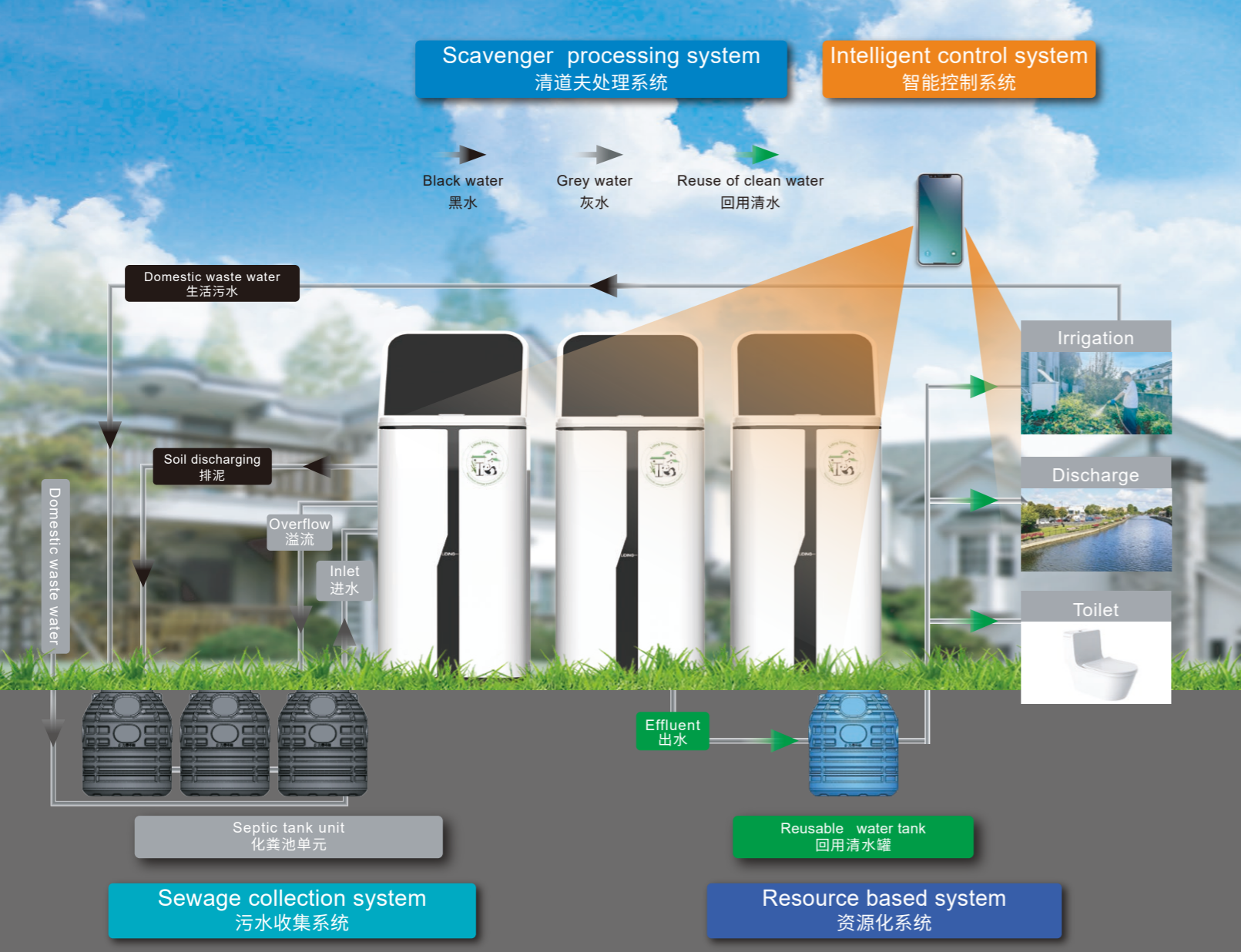
Processing capacity : 20-400m³/h
LD-BZ Integrated Pumping Station
力鼎一体化预制泵站



Simple energy-saving and environmental protection structure
节能环保 结构简单
LD household septic tank
力鼎化粪池、生态罐



Deepdragon.lidinghb.com
LD-DeepDragon Smart systems
遁地龙智慧运营系统



力鼎清道夫

LD scavenger Household Sewage Treatment Plant (STP)

LD Scavenger Household Sewage Treatment Plant (STP) is an intelligent household sewage treatment machine, with the independently innovated MHAT+ contact oxidation contact process, which can well treat the black and ash water generated by households (including toilet water, kitchen waste water, cleaning water and bathing water, etc.) into water quality that meets the local discharge standard for direct discharge. With multiple reuse methods such as irrigation and toilet flushing, it is widely applicable to decentralised wastewater treatment scenarios such as villa, residential hostels and scenic spots.

力鼎清道夫家用污水处理机 (STP) 是一种智能生活污水处理设备,采用自主创新的MHAT+接触氧化接触工艺,可以很好地处理家庭产生的黑灰水 (包括厕所水、厨房废水、清洁水和洗澡水等),使其水质达到当地排放标准,直接排放。具有灌溉和直排等多种回用方法,广泛适用于别墅、住宅小区和风景名胜区分散式污水处理场景。

产品特点 Product Features



Color customizable 颜色可定制



Control Panel 控制面板



47sets
Container loading quantities 装柜数量



ABC mode is automatically switched
三种模式自由切换



Low energy consumption and low noise
低能耗低噪音



Smart operation safe and reliable
智能操作安全可靠



Solar energy integration technology
太阳能集成技术



Remote Services
Automatic language switching
远程服务(语言自动切换)

适用场景 Applicable scenarios



Countryside 乡村



Tourist spots 景区



B&Bs 民宿



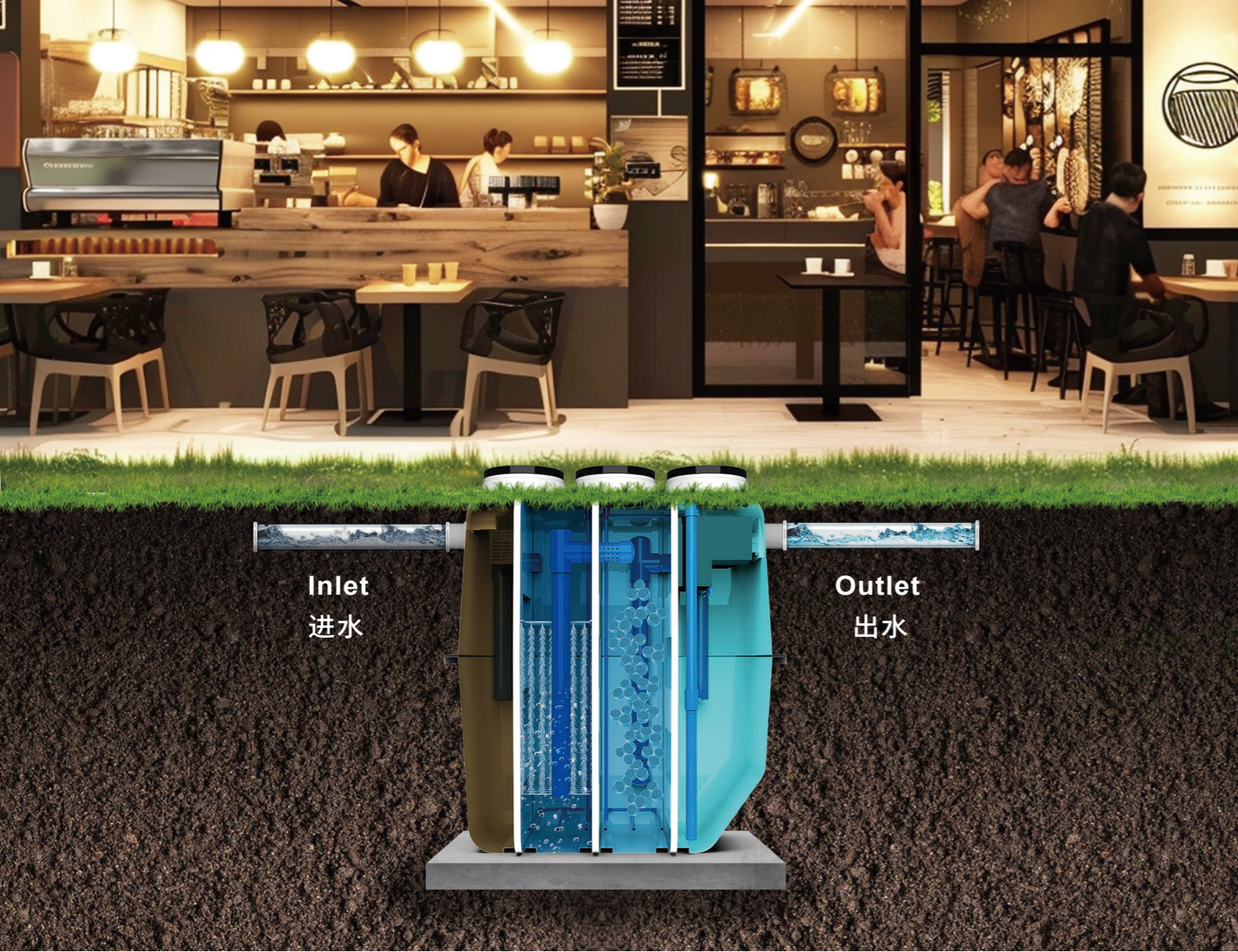
Campsite 营地



Villa 别墅

设备参数 Product parameters

Processing capacity (m³/d) 处理能力	5-10people
Size (m) 尺寸	0.7*0.7*1.26
Weight (kg) 重量	70
Installed power (kW) 装机功率	<40W
Solar power (kW) 太阳能功率	50W
Sewage Treatment Technique 处理工艺	MHAT + contact oxidation
Effluent quality 出水水质	COD<60mg/l,BOD5<20mg/l,SS<20mg/l,NH3-N<15mg/l,TP<1mg/l
Resourcefulness criteria 资源化标准	Irrigation/Discharge(灌溉/直排)



SA净化槽

LD-Johkasou-SA

LD-Johkasou-SA is a small buried sewage treatment equipment, based on the characteristics of large pipeline investment and difficult construction in the remote centralized treatment process of domestic sewage. On the basis of existing equipment, it draws on and absorbs advanced technologies at home and abroad, and adopts the design concept of energy-saving and high-efficiency sewage treatment equipment. Widely used in sewage treatment projects such as rural areas, scenic spots, villas, homestays, factories, etc

力鼎SA净化槽是一种小型埋地污水处理设备，针对生活污水远程集中处理工艺中管道投资大、施工难度大的特点。在现有设备的基础上，借鉴和吸收国内外先进技术，采用节能高效污水处理设备的设计理念。广泛应用于农村、风景名胜區、別墅、民宿、工厂等污水处理项目。

产品特点 Product Features



Processing capacity : SMC1m³/d , SMC2m³/d FRP 3-5m³/d

Container loading quantities 装柜数量

Compact Size and Flexible Installation: Modular design with adaptable dimensions, requiring only a small excavation pit for installation, resulting in low site requirements.

Rapid Construction, Ready-to-Use: Factory pre-fabricated with short on-site construction cycles, enabling quick system upgrades and immediate operational deployment.

Simple Operation and Smart Management: Automated operation supports remote monitoring and unattended functionality, reducing reliance on specialized maintenance.

Low Sludge Production: Optimized processes significantly reduce sludge generation, lowering subsequent sludge treatment costs and frequency.

Stable Treatment Performance: Mature technology adapts to fluctuations in rural wastewater quality and volume, ensuring compliant effluent quality, with enhanced performance in higher-grade models.

占地小，安装灵活: 模块化设计，尺寸灵活，只需开挖小型基坑即可安装，对场地要求低。

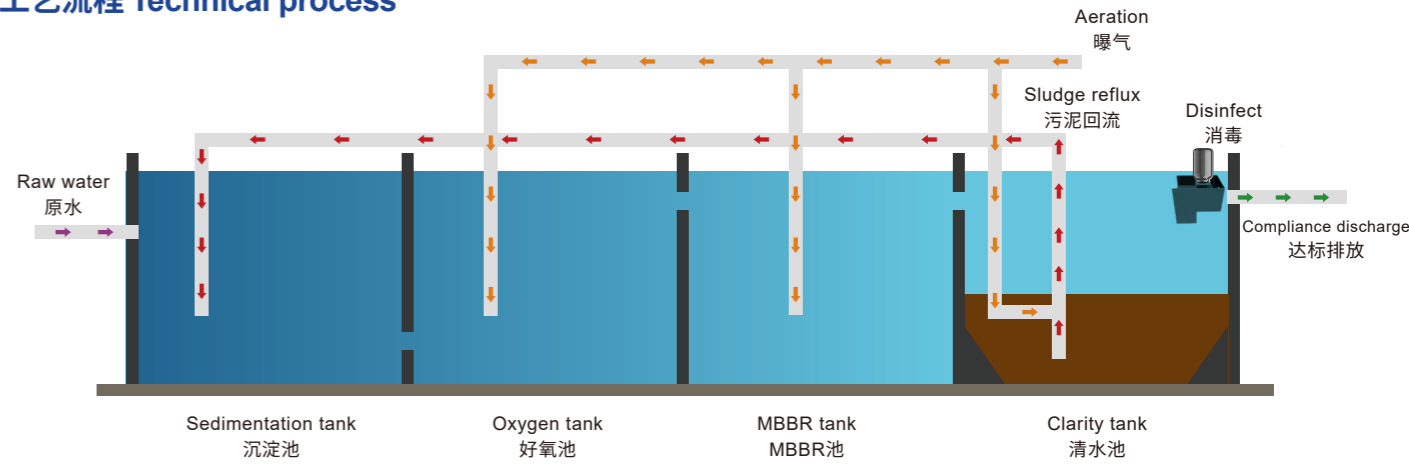
施工快捷，即装即用: 工厂预制完成，现场施工周期短，能快速完成系统升级并投入运营。

运维简便，智能省心: 自动化运行，支持远程监控，可实现无人值守，降低了对专业运维的依赖。

污泥产量少: 优化工艺能大大减少污泥产量，降低后续污泥处理费用和频次。

处理效果稳定: 工艺成熟，能适应农村污水水质、水量的波动，出水水质达标，部分高性能型号处理效果更好。

工艺流程 Technical process

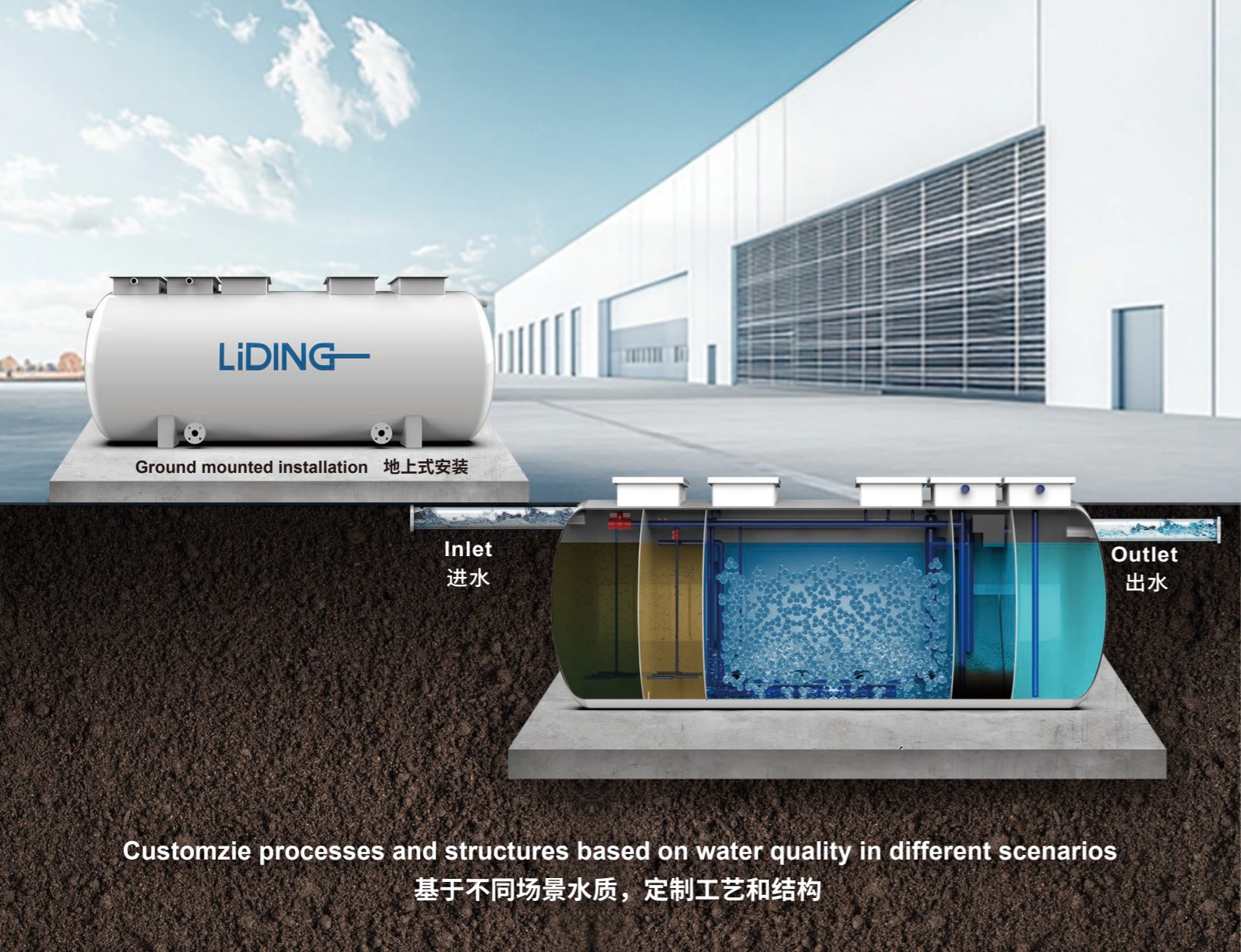


设备参数 Product parameters

Daily Capacity (m³/d) 日处理量	1	2	3	5
Size (m) 尺寸	1.65*1*0.98	1.86*1.1*1.37	1.95*1.1*2.25	2.25*1.45*2.25
Weight (kg) 重量	180	260	300	350
Installed power (kW) 装机功率	0.025	0.038	0.055	0.075

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SB净化槽

LD-Johkasou-SB

LD-Johkasou-SB The equipment adopts the AAO+MBBR process, with a daily processing capacity of 5-100 tons per unit. It features an integrated design, flexible selection, short construction period, strong operational stability, and stable effluent that meets the standard. Suitable for various low concentration domestic sewage treatment projects, it is widely used in beautiful rural areas, scenic spots, rural tourism, service areas, enterprises, schools and other sewage treatment projects.

力鼎SB净化槽，设备采用AAO+MBBR工艺，单台设备日处理能力5-100吨。其特点为集成设计、选型灵活、建设周期短、运行稳定性强且出水达标稳定。适用于各类低浓度生活污水处理项目，广泛应用于美丽乡村、风景区、乡村旅游、服务区、企业、学校等污水处理场景。

产品特点 Product Features



Space-Saving and Eco-Friendly: The equipment is buried underground, allowing the surface land to be used for greening, paving, or other purposes. It does not consume above-ground building space, making it both aesthetically pleasing and space-efficient.

Low Noise and Odor, Minimal Impact: Operating in an enclosed underground environment, the system effectively isolates noise and odor generated during the treatment process, causing minimal disturbance to the surrounding area and residents.

Corrosion-Resistant and Durable: The main structure is typically made of materials like fiberglass reinforced plastic (FRP) or anti-corrosion coated carbon steel, offering excellent corrosion resistance, adaptability to the damp underground conditions, and a long service life.

Stable Operation with High Impact Tolerance: The relatively constant temperature underground promotes the growth of microorganisms, leading to a more stable biological treatment process and a strong ability to withstand fluctuations in water quality and quantity.

Automatic Operation and Easy Management: It utilizes a fully automatic intelligent control system, enabling unattended operation, remote monitoring, and fault alarms. This simplifies daily maintenance and management, resulting in low operational costs.

占地面积小，环境友好：设备埋于地下，地面以上可进行绿化、硬化或用作其他用途，不占用地上建筑指标，美观且节省空间。

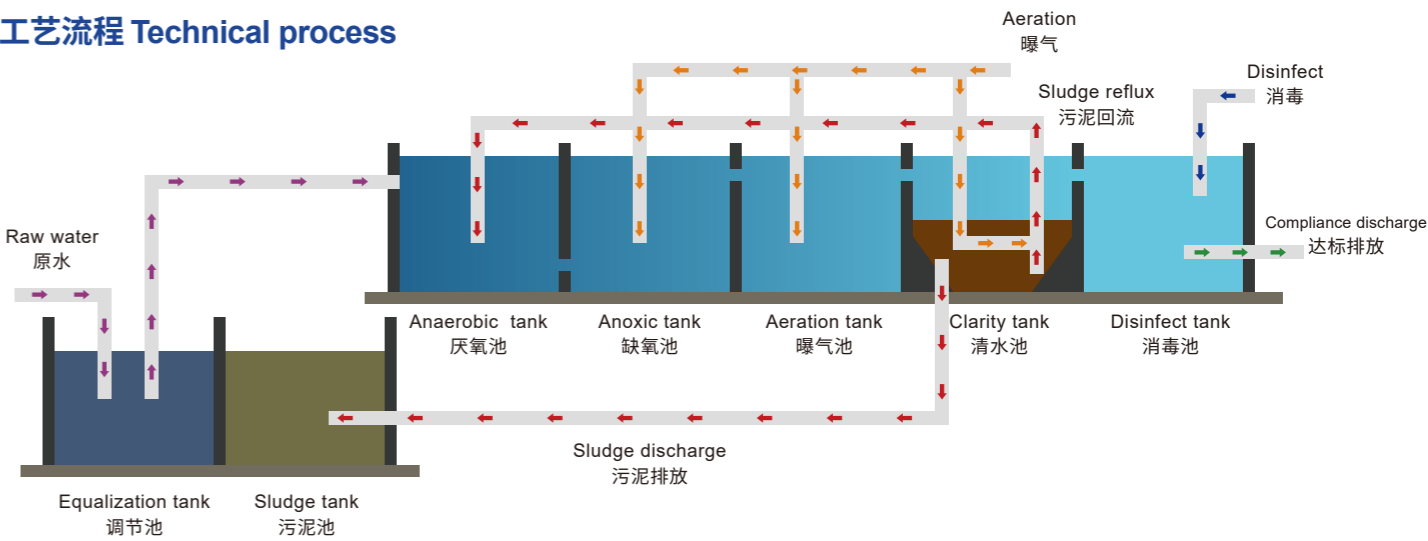
噪音异味低，影响极小：设备处于地下封闭环境，运行过程中产生的噪音和气味能得到有效隔绝，对周边居民和环境影响微乎其微。

耐腐蚀久，使用寿命长：主要结构通常采用玻璃钢、碳钢防腐等材料，具有良好的耐腐蚀性能，能适应地下潮湿环境，使用寿命长。

运行稳定，抗冲击性强：地下环境温度相对恒定，有利于微生物生长，使生物处理过程更加稳定，对水质和水量变化的耐受能力较强。

自动化运行，管理简便：采用全自动智能控制系统，可实现无人值守、远程监控与故障报警，日常维护管理简便，运行成本较低。

工艺流程 Technical process



设备参数 Product parameters

Model 型号	Processing capacity (m³/d) 处理能力	Size (m) 尺寸	Weight (t) 重量	Installed power (kw) 装机功率	Operating power (Kw*h/m³) 吨水耗电量
SB20	20	Φ2.2*5.3	3.0	0.75	1.74
SB30	30	Φ2.2*8	3.5	0.97	1.17
SB40	40	Φ2.2*10	4.0	1.984	0.89
SB50	50	Φ2.2*11.5	4.5	1.984	0.72
SB60	60	Φ2.2*8*2	7	1.91	1.17
SB80	80	Φ2.2*10*2	8	1.91	0.89
SB100	100	Φ2.2*11.5*2	9	2.44	0.72

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集装箱污水处理设备

LD-JM-MBR/MBBR

LD-JM MBR/MBBR Sewage Treatment Plant , with a daily processing capacity of 100-1000 tons per unit, can be combined up to 10000 tons. The box is Made of carbon steel and stainless steel materials, acid and corrosion resistant and is disinfected with UV, which has stronger penetration and can kill 99.9% of bacteria. The core membrane group is reinforced with a hollow fiber membrane lining. Widely used in sewage treatment projects such as small towns, new rural areas, sewage treatment plants, rivers, hotels, service areas, airports, etc

力鼎集装箱污水处理设备, 日处理能力为每台100-1000吨, 可组合高达10000吨。箱体采用碳钢和不锈钢材料制成, 耐酸、耐腐蚀, 紫外线消毒, 渗透性强, 可杀死99.9%的细菌。核心膜组采用内衬增强型中空纤维膜。广泛应用于生活污水、餐厅/餐饮污水、食品工业污水、酿造工业污水、医院污水、机场污水、服务区污水等污水处理项目。

产品特点 Product Features



Processing capacity : (≤1000m³/d)

Highly Integrated: Multiple treatment units are compactly integrated within a standard container, resulting in a compact structure.

Easy Mobility: Designed with the standard container form and transport function, it can be quickly relocated to different sites and reused.

Rapid Deployment: Pre-fabricated in the factory, it only requires simple on-site connection, significantly shortening the construction and installation cycle for a "plug-and-play" solution.

High Adaptability: Its modular design allows for easy capacity expansion, and it can be customized with specific processes to suit various decentralized scenarios like rural areas, scenic spots, and construction sites.

Smart Operation: It is typically equipped with an automated control system that supports remote monitoring and unattended operation, reducing the dependency on specialized maintenance.

Cost-Effective: It eliminates the need for extensive civil works, resulting in lower initial investment and a faster construction cycle, enabling quick commissioning and return on investment.

Option:

- ☑ Solar power system
- ☑ Sludge dryer system
- ☑ 50%Sludge reduce system
- ☑ Grease Trap
- ☑ Online analyse

选配:

- ☑ 太阳能发电系统
- ☑ 污泥干燥机系统
- ☑ 50%污泥减量系统
- ☑ 隔油池
- ☑ 线上平台

高度集成: 将多个处理单元紧凑集成于标准集装箱内, 结构紧凑。

移动便捷: 具备标准集装箱的外形与运输功能, 可快速转移至不同地点, 重复使用。

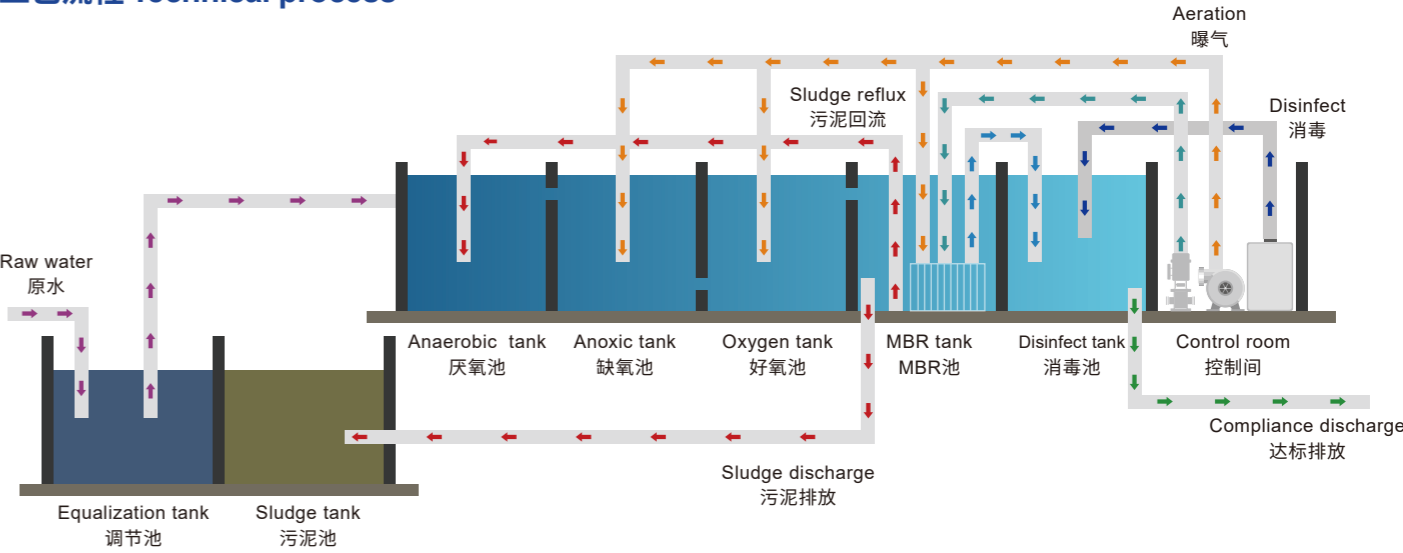
快速部署: 工厂预制, 现场只需简单对接, 极大缩短了施工和安装周期, 实现“即运即用”。

灵活适应: 模块化设计便于扩容, 并能通过定制工艺, 适应农村、景区、工地等多种分散式场景。

智能运维: 通常配备自动化控制系统, 支持远程监控与无人值守, 降低了对专业运维的依赖。

成本效益: 省去大量土建工程, 初始投资更低, 建设周期快, 能快速投入使用并产生回报。

工艺流程 Technical process



设备参数 Product parameters

	BODs(mg/l)	Ammonia(mg/l) 氨	SS(mg/l)	Faecal coliform (CFU/100mL) 粪大肠菌群
Effluent 出水	10	5	5	50

Capacity 处理能力	50m³/d	75m³/d	100m³/d	200m³/d	300m³/d	500m³/d	600m³/d
Power 功率	6kw	6.5kw	7kw	10kw	13kw	16kw	17kw
Daily Power consumption 日用电量	70kw.h	95kw.h	100kw.h	180kw.h	200kw.h	275kw.h	290kw.h
Shipping type 运输类型	40HQ	40HQ	Bulk cargo	Bulk cargo	Bulk cargo	Bulk cargo*2	Bulk cargo

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膜曝气生物膜反应器

LD-JM-MABR

Liding Containerized MABR Equipment is an innovative, container-based wastewater treatment system built upon Membrane Aerated Biofilm Reactor (MABR) technology. It highly integrates core MABR membrane modules, control systems, and other components within standard containers, enabling factory prefabrication and rapid on-site deployment. Its most distinctive feature is the use of gas-permeable membranes to supply oxygen directly to the attached biofilm, which can achieve energy savings of up to 75% compared to traditional aeration. Furthermore, it allows for simultaneous nitrification and denitrification within a single reactor, ensuring highly efficient nitrogen removal. The system boasts characteristics such as a small footprint, low sludge production, stable operation, and ease of intelligent management. It is well-suited for wastewater treatment projects in residential complexes, schools, office buildings, hotels, hospitals, shopping malls, scenic areas, and similar applications.

力鼎集装箱MABR工艺设备是一种基于“膜曝气生物膜反应器”技术的创新型集装箱式污水处理系统。它将MABR核心膜组件、控制系统等高度集成于标准集装箱内,实现了工厂预制和快速部署。其最大特点是利用透气膜直接向附着的生物膜供氧,可比传统曝气节能高达75%,并能在单一反应器内同步进行硝化与反硝化,高效脱氮。该系统具有占地面积小、污泥产量低、运行稳定、易于智能化管理等特点,非常适用于小区、学校、写字楼、酒店、医院商场、景区等污水处理项目。

产品特点 Product Features



Processing capacity : (≤1000m³/d)

High Integration, Rapid Deployment: All core process equipment and control systems are integrated within standard containers, allowing for factory prefabrication and rapid on-site installation, significantly shortening the construction cycle.

High Efficiency & Energy Saving, Low Operational Cost: Utilizes breathable membranes for direct oxygen supply with extremely high transfer efficiency, reducing energy consumption by 70-75% compared to traditional aeration.

Enhanced Nitrogen Removal, Effective Treatment: Achieves simultaneous nitrification and denitrification within a single reactor, resulting in high nitrogen removal efficiency and superior effluent quality, particularly effective for high-ammonia nitrogen wastewater.

Compact Footprint, Flexible Application: The modular containerized design requires minimal space, making it highly suitable for decentralized scenarios (e.g., rural areas, scenic spots) with limited land and for emergency wastewater treatment.

Intelligent Control, Stable Operation: Capable of fully automatic, intelligent operation for simplified management; features low sludge production and strong resistance to shock loads, ensuring stable and reliable performance.

Environmentally Friendly and Easily Scalable: The equipment is an enclosed system that minimizes foul odor emissions. Its standardized modular design supports linear capacity expansion through the parallel connection of multiple container units, easily meeting future growth demands.

高度集成，快速部署：核心工艺设备、控制系统等全部集成于标准集装箱内，工厂预制，现场快速安装，大幅缩短建设周期。

高效节能，运行成本低：采用透气膜直接供氧，传氧效率极高，相比传统曝气可节能 70-75%，显著降低能耗。

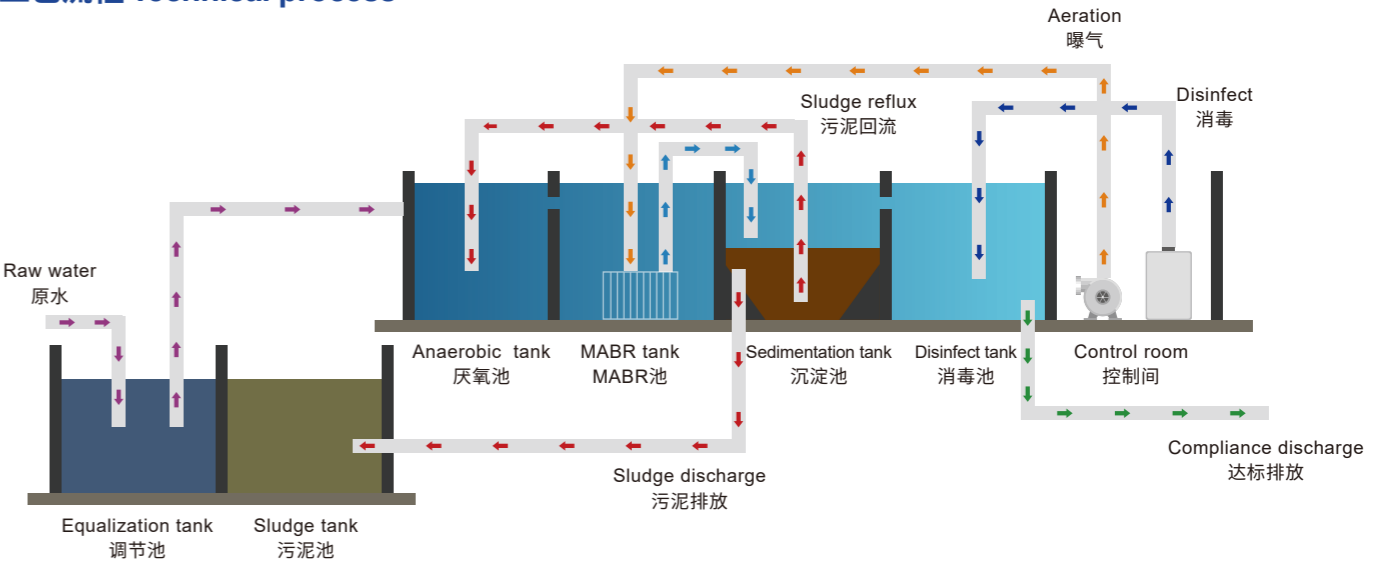
强化脱氮，处理效果好：在单一反应器内实现硝化与反硝化同步进行，脱氮效率高，出水水质优，尤其擅长处理高氨氮污水。

占地紧凑，灵活适用：模块化集装箱式设计，占地面积极小，非常适合用地紧张的分散式场景（如农村、景区）及应急污水处理。

智能控制，运行稳定：可实现全自动智能运行，管理简便；污泥产量低，系统抗冲击负荷能力强，运行稳定可靠。

环境友好，便于扩容：设备为封闭式系统，臭气逸散少；其标准化模块设计支持通过并联多个集装箱单元，轻松实现处理能力的线性扩展，满足未来增长需求。

工艺流程 Technical process



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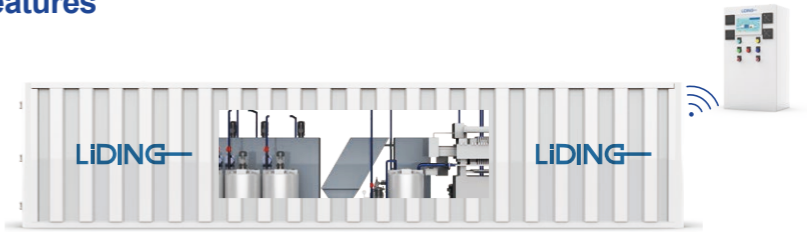
集装箱工业污水处理设备

LD-JM-IWTP

LD-JM IWTP Sewage Treatment Plant is an integrated solution based on high-efficiency biological treatment processes, highly integrated within standard containers. The device features a modular design for quick installation and easy relocation. Its core advantages lie in its compact process flow and high degree of automation. It can be custom-designed according to the characteristics of different industrial wastewaters to achieve stable and efficient removal of pollutants such as COD and ammonia nitrogen. With a daily treatment capacity of 100 to 1000 tons per unit, and combinable up to 10,000 tons, it is widely used in wastewater treatment projects including electroplating industrial wastewater, metallurgical industrial wastewater, mining industry wastewater, papermaking industrial wastewater, and more.

力鼎集装箱工业污水处理设备是基于高效生物处理工艺，高度集成于标准集装箱内的一体化解决方案。该设备采用模块化设计，安装迅速、便于迁移。其核心优势在于流程紧凑、自动化程度高，能根据不同工业废水的特性进行定制化设计，实现对COD、氨氮等污染物的稳定高效去除。日处理能力为每台100-1000吨，可组合高达10000吨，广泛应用于电镀工业废水/冶金工业废水、采矿业废水、造纸工业废水等污水处理项目。

产品特点 Product Features



Processing capacity : (≤1000m³/d)

Highly Integrated: Multiple treatment units are compactly integrated within a standard container, resulting in a compact structure.

Easy Mobility: Designed with the standard container form and transport function, it can be quickly relocated to different sites and reused.

Rapid Deployment: Pre-fabricated in the factory, it only requires simple on-site connection, significantly shortening the construction and installation cycle for a "plug-and-play" solution.

High Adaptability: Its modular design allows for easy capacity expansion, and it can be customized with specific processes to suit various decentralized scenarios like rural areas, scenic spots, and construction sites.

Smart Operation: It is typically equipped with an automated control system that supports remote monitoring and unattended operation, reducing the dependency on specialized maintenance.

Cost-Effective: It eliminates the need for extensive civil works, resulting in lower initial investment and a faster construction cycle, enabling quick commissioning and return on investment.

高度集成：将多个处理单元紧凑集成于标准集装箱内，结构紧凑。

移动便捷：具备标准集装箱的外形与运输功能，可快速转移至不同地点，重复使用。

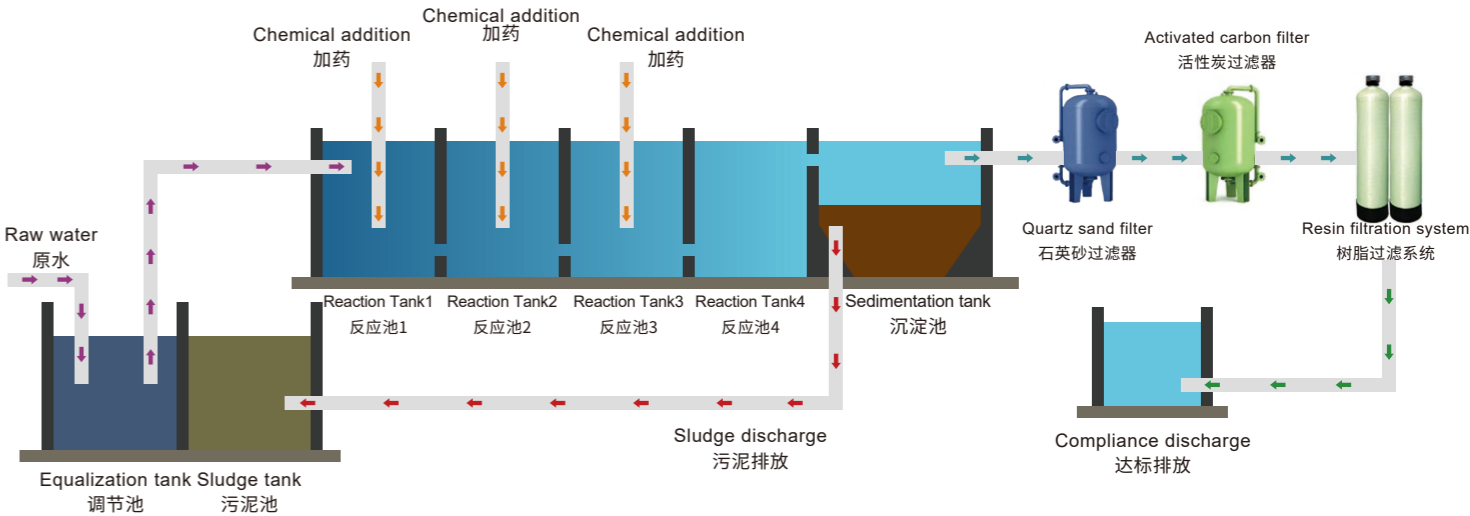
快速部署：工厂预制，现场只需简单对接，极大缩短了施工和安装周期，实现“即运即用”。

灵活适应：模块化设计便于扩容，并能通过定制工艺，适应农村、景区、工地等多种分散式场景。

智能运维：通常配备自动化控制系统，支持远程监控与无人值守，降低了对专业运维的依赖。

成本效益：省去大量土建工程，初始投资更低，建设周期快，能快速投入使用并产生回报。

工艺流程 Technical process



设备参数 Product parameters

	Chromium(mg/l) 铬	Nickel(mg/l) 镍	Copper(mg/l) 铜	Plumbum (mg/l) 铅
Effluent 出水	0.5	0.1	0.3	0.2

Capacity 处理能力	10m³/d	20m³/d	30m³/d	40m³/d	50m³/d
Power 功率	5kw	5kw	5kw	7kw	7kw
Daily Power consumption 日用电量	50kw.h	55kw.h	70kw.h	80kw.h	90kw.h
Shipping type 运输类型	40HQ	40HQ	40HQ*2	40HQ*2	40HQ*3

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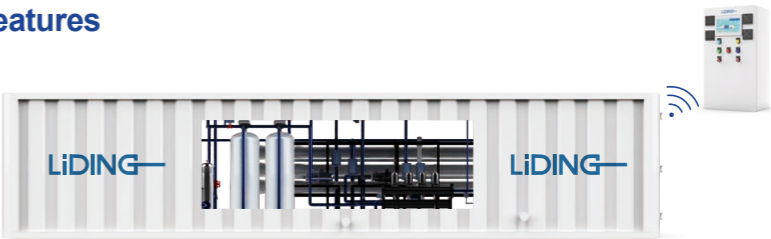
集装箱海水淡化处理设备

LD-JM-SWROD

LD-JM IWTP Sewage Treatment Plant is a mobile, modular freshwater production system that integrates a reverse osmosis system into a standard container. Its core process involves pretreatment and reverse osmosis, effectively removing salts and impurities from seawater to produce freshwater that meets standards. This plug-and-play equipment features rapid deployment and flexible transportation, widely used on islands, coastal areas, and ship platforms to provide a reliable water supply for regions lacking freshwater.

力鼎集装箱海水淡化处理设备, 是将反渗透系统集成于标准集装箱内, 形成一套移动式、模块化的淡水制备系统。其核心工艺为预处理与反渗透, 能有效去除海水中的盐分与杂质, 产出符合标准的淡水。该设备具有即到即用、部署快速、转运灵活的特点, 为缺乏淡水的区域提供可靠的水源保障。广泛应用于岛屿、沿海地区及船舶平台盐湖饮用、地下水、灾区应急饮用水等项目。

产品特点 Product Features



Processing capacity : (≤1000m³/d)

High Integration, Rapid Deployment: The equipment highly integrates pretreatment, reverse osmosis membrane modules, high-pressure pumps, energy recovery devices, and control systems within a standard container. Factory pre-fabricated, it only requires connection to water and electricity upon arrival on-site to quickly produce water, significantly shortening the project cycle.

Mobile and Flexible, Plug-and-Play: With the transport convenience of a standard container, it can easily reach any coastal area, island, or vessel in need of fresh water via land or sea transport, achieving "water supply follows the users." It is an ideal solution for emergency water supply, temporary projects, or military missions.

Strong Corrosion Resistance, Harsh Environment Adaptation: Aiming at the high salinity and corrosive seawater environment, core pipelines and components are typically made of corrosion-resistant materials (e.g., duplex stainless steel, titanium alloy, non-metallic composites) and equipped with special anti-corrosion coatings, ensuring long-term durability in marine climates.

High Efficiency and Energy Saving, Economical Operation: The integrated high-efficiency energy recovery device recycles and reuses the pressure energy from the concentrated seawater, significantly reducing system energy consumption. Combined with high-efficiency reverse osmosis membranes, it maximizes water production rate and lowers operational costs while ensuring compliant water quality.

Intelligent Operation, Stable and Reliable: Equipped with a fully automatic control system, it enables one-click start/stop, automatic chemical cleaning, online water quality monitoring, and fault diagnosis alarms. Remote monitoring support reduces dependence on highly skilled on-site operators, ensuring stable production of high-quality fresh water even in remote areas.

高度集成，快速部署：设备将预处理、反渗透膜组、高压泵、能量回收装置及控制系统高度集成于标准集装箱内。工厂预制完成，运抵现场后只需接通水电即可快速产水，极大缩短了项目周期。

移动灵活，即插即用：具备标准集装箱的运输便利性，可轻松通过陆运、海运抵达任何需要淡水的沿海地区、岛屿或船只，实现“水随人走”，是应对应急供水、临时项目或军事任务的理想选择。

强效防腐，适应严苛环境：针对高盐度、高腐蚀性的海水环境，核心管路 with 部件通常采用耐腐蚀材料（如双相不锈钢、钛合金、非金属复合材料），并配备特种防腐涂层，确保设备在海洋性气候下的长期耐用性。

高效节能，运行经济：集成高效能量回收装置，能将浓海水的压力能量回收并循环利用，显著降低系统能耗。同时采用高效反渗透膜，在水质达标的前提下，最大限度地提高了产水率并降低了运行成本。

智能运维，稳定可靠：配备全自动控制系统，可实现一键启停、自动化学清洗、水质在线监测及故障诊断报警。支持远程监控，降低了对现场操作人员专业技能的依赖，保障在偏远地区也能稳定产出优质淡水。

工艺流程 Technical process



设备参数 Product parameters

Capacity 处理能力	100m³/d	150m³/d	200m³/d	250m³/d	300m³/d
Power 功率	12kw	17kw	22kw	28kw	33kw
Daily Power consumption 日用电量	280kw.h	400kw.h	520kw.h	665kw.h	780kw.h
Shipping type 运输类型	40GP	40GP	40GP	40GP	40GP

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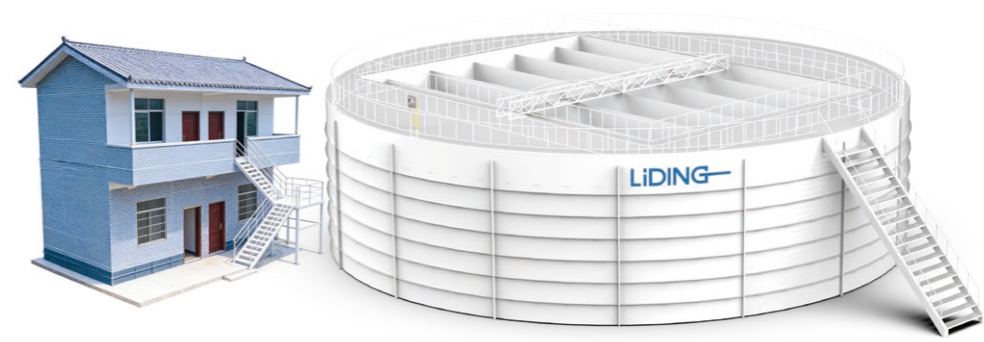
装配式污水处理厂

Prefabricated Water Treatment Plant

Prefabricated wastewater treatment plants, through systematic modularization and standardization of wastewater treatment plants, prefabricate modularized and prefabricated structures in factories and assemble them on-site into wastewater treatment plants. Compared to traditional wastewater treatment plants, they greatly improve the construction quality of wastewater treatment plants, shorten the construction period, and reduce construction impacts. The modularized and prefabricated wastewater treatment integrated system can technically support more refined modular design schemes, representing a new trend and concept for the modernization of wastewater treatment plants in urban construction, and is better suited to the needs of rapidly evolving environmental policies and society. Modularized and prefabricated wastewater treatment plants can be widely applied in the construction, expansion, and upgrading of urban wastewater treatment plants, the construction of emergency wastewater treatment plants, and water pollution control projects in comprehensive water environment management.

装配式污水厂,通过对污水处理厂进行系统的模块化、标准化,在工厂预制模块化装配式结构,现场组装成污水处理厂。较传统污水处理厂:极大地提高污水处理厂的建设质量、缩短建设周期、降低施工影响等。模块化装配式污水处理集成系统,能够从工艺上承载更加精细化的模块设计方案,是城镇建设现代化污水处理厂的新趋势和新理念,更能适应环境政策和社会快速发展的需求。模块化装配式污水处理厂可广泛应用于城镇污水厂的新建、扩建及提标改造,应急污水处理厂的建设以及水环境综合治理的水体污染控制工程等领域。

产品特点 Product Features



High Modularization and Standardization: The entire plant is decomposed into a series of standardized functional modules (e.g., biochemical tank modules, sedimentation tank modules, equipment room modules) that are pre-manufactured in a factory. This ensures consistency in component precision and quality.

Extremely Short Construction Period: As major civil works and module production can proceed simultaneously in the factory, on-site work primarily involves foundation construction and module hoisting/assembly. This approach can shorten the project timeline by approximately 30%-50%, enabling rapid commissioning.

Superior and Controllable Construction Quality: The factory-based prefabrication environment overcomes the limitations of traditional site construction affected by weather and craftsmanship. This results in more stable and reliable quality for concrete pouring, anti-seepage and anti-corrosion treatments, and equipment installation.

Strong Site Adaptability and Flexible Layout: The modular design allows for better adaptation to irregular or limited land plots. The "building block" approach enables flexible layout adjustments and future capacity expansion, making it particularly suitable for upgrade and renovation projects.

Reduced Environmental Impact and Eco-Friendliness: On-site work volume is significantly reduced, leading to a substantial decrease in construction-related noise, dust, construction waste, and disruption to surrounding traffic. This aligns better with green construction principles.

Smart Integration and Ease of Upgrading: It facilitates the pre-integration of intelligent monitoring systems and advanced process equipment (such as precise aeration systems, high-efficiency membrane units) into the modules at the factory. This not only enhances the overall level of intelligence but also simplifies subsequent technical upgrades and maintenance.

高度模块化与标准化: 整个污水处理厂被分解为一系列在工厂内预先制造完成的标准化功能模块(如生化池模块、沉淀池模块、设备间模块)。这确保了构件精度和质量的一致性。

建设周期极短: 由于主要土建工程和模块生产可在工厂同步进行,现场仅需进行基础施工和模块吊装拼接,能缩短工期约30%-50%,实现快速投产。

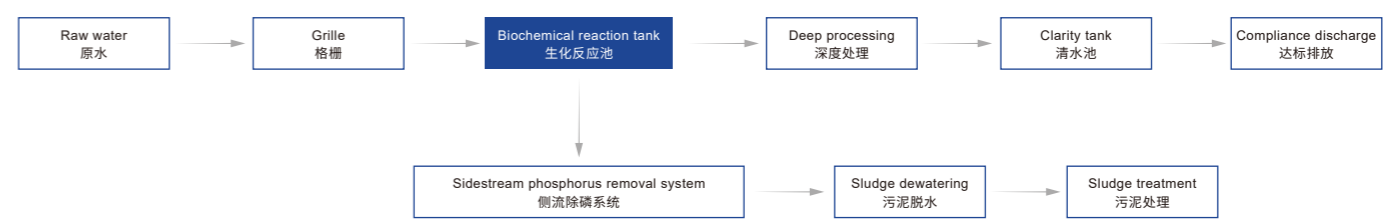
工程质量卓越可控: 工厂化的预制生产环境克服了传统工地施工受天气、工艺等因素的影响,使混凝土浇筑、防渗、防腐处理及设备安装的质量更稳定、可靠。

场地适应性强,布局灵活: 模块化设计能更好地适应不规则或有限的用地,并可通过“搭积木”的方式灵活调整平面布局或未来进行扩容,特别适合扩建与改造项目。

环境影响小,生态友好: 现场作业量大幅减少,显著降低了施工期间的噪音、粉尘、建筑垃圾及对周边交通的干扰,更符合绿色建造理念。

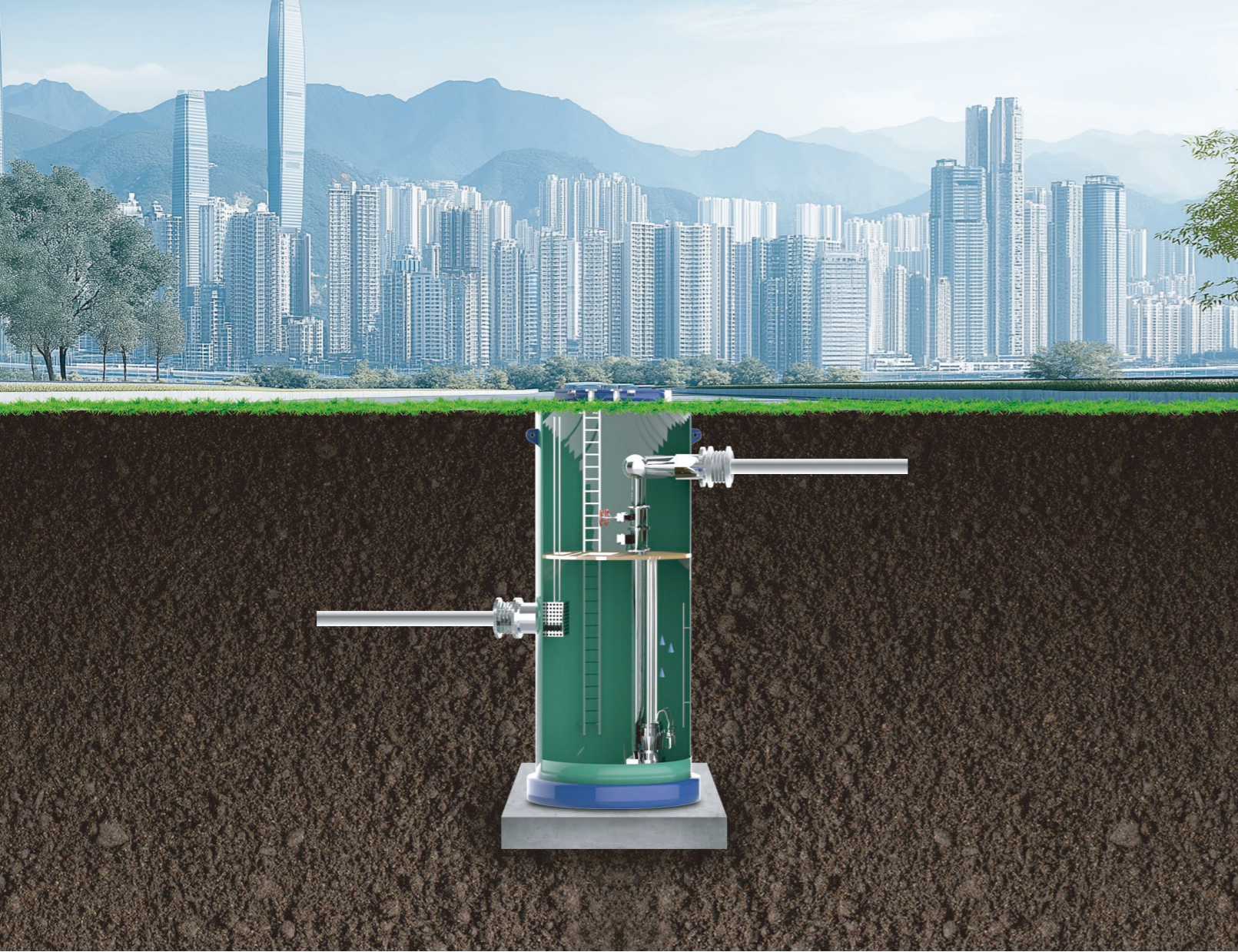
智能集成,便于升级: 易于将智能监控系统、先进工艺设备(如精确曝气、高效膜组)在工厂内预先集成到模块中,不仅提升了整体智能化水平,也方便后续的技术升级与维护。

工艺流程 Technical process



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力鼎一体化预制泵站

LD Integrated Pumping Station

LD-BZ, The series of integrated prefabricated pump stations are carefully developed by our company, focusing on the integrated equipment of sewage collection and transportation. The equipment is installed in a buried manner, integrating components such as pipelines, water pumps, control equipment, grid systems, and maintenance platforms into the pump station barrel to form a complete set of equipment. Users can flexibly choose the specifications of pump stations and the configuration of important components according to their needs. This product has advantages such as small footprint, high integration, easy installation and maintenance, and reliable operation.

力鼎一体化预制泵站是我公司精心研制的, 专注于污水集输一体化设备。设备采用埋地安装方式, 将管道、水泵、控制设备、电网系统、维护平台等部件集成到泵站筒体中, 形成一套完整的设备。用户可以根据需要灵活选择泵站的规格和重要部件的配置。该产品具有占地面积小、集成度高、安装维护方便、运行可靠等优点。

产品特点 Product Features



- 

High degree of integration

高度集成化
- 

Easy installation and maintenance

安装、维修方便
- 

Small footprint

占地面积小
- 

Long service life

使用寿命长
- 

Low cost operation

低成本运营

适用场景 Applicable scenarios



Emergency drainage
应急排水



Water source area
水源地取水



Urban sewage improvement
城镇污水提升



Rainwater collection and lifting
雨水收集提升



Railway and highway water supply and drainage
铁路、公路给排水



Building water supply and drainage
建筑给排水

设备参数 Product parameters

Processing capacity (m³/d) 处理能力	480	720	1080	1680	2760	3480	3960	7920	18960
Flow rate (m³/h) 流量	20	30	45	70	115	145	165	330	790
Height (m) 高度	3	3	3	4	5	5	6	6	9
Weight (t) 重量	2.1	2.5	2.8	3.1	3.5	4.1	4.5	5.5	7.2
Diameter (m) 直径流量	1.2	1.5	1.8	2.0	2.5	2.8	3.0	4.2	6.5
Volume (m³) 体积	1.6956	2.649375	3.8151	6.28	9.8125	12.3088	14.13	27.6948	66.3325
Power (kW) 功率	3	4.4	6	11	15	22	30	44	150
Voltage (v) 电压	Adjustable可调节								

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力鼎户用化粪池/生态罐


LD household septic tank / Ecological tank

LD household septic tank is a type of domestic sewage pretreatment equipment, mainly used for anaerobic digestion of domestic sewage, decomposing large molecular organic matter into small molecules and reducing the concentration of solid organic matter. At the same time, small molecules and substrates are converted into biogas (mainly composed of CH4 and CO2) by hydrogen producing acetic acid bacteria and methane producing bacteria. Nitrogen and phosphorus components remain in the biogas slurry as nutrients for later resource utilization. Long term retention can achieve anaerobic sterilization.


力鼎户用化粪池为生活污水预处理设备，主要对生活污水进行厌氧消化，将大分子有机物分解为小分子，降低固体有机物浓度。同时通过产氢产乙酸菌和产甲烷菌等将小分子以及底物转化成沼气（主成分CH4、CO2），氮磷成分留在沼液中作为后阶段的营养物质资源化利用，长期停留能够起到厌氧杀菌的目的。同时灰水流入化粪池第3格，可以进一度降低污染物的浓度。

产品特点 Product Features







Equipment running without power
无动力运行



Underground installation, saving space
地下安装，节省空间



Simple structure, easy to clean
结构简单 易于清洁



Accurate diversion
精准导流

适用场景 Applicable scenarios



Countryside
乡村



Tourist spots
景区



B&Bs
民宿



Campsite
营地



Villa
别墅



Factory
工厂

设备参数 Product parameters

Product Name 产品名称	Liding Non-electricity Septic Tank 无动力生态罐/化粪池		
Single unit size 尺寸	Φ900X1100mm		
Material 材质	HDPE		
Total volume 体积	670L (1 septic tank)	1340L (2 septic tank)	2010L (3 septic tank)

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遁地龙智慧运营系统

LD-DeepDragon Smart systems

LD-DeepDragon Smart systems, It is a globally pioneering and internationally leading intelligent system that can quickly assist in design and third-party efficient operation in designated areas. Quickly and efficiently address the urgent investment decision-making needs of the rural sewage treatment industry for automated design, investment cost budgeting, and integrated operation of sewage plants and station pipelines. Compared to traditional design, the efficiency can be improved by more than 50%, and the effective asset operation rate can reach 100%, achieving intelligent operation of the factory network , with broad technological application prospects.

遁地龙智慧运营系统是一款全球首创、国际领先的智能系统,能够在指定区域内快速辅助设计及第三方高效运营。该系统可迅速高效地满足农村污水处理行业对自动化设计、投资成本预算及污水处理厂与管网综合运营的迫切决策需求。与传统设计相比,效率提升超50%,有效资产运营率可达100%,实现厂网智能运营,具有广阔的科技应用前景。

产品特点 Product Features



• Feature Recognition 特征识别

Deep learning techniques for rural remote sensing map analysis.

深度学习农村遥感地图分析方法技术



• Road Network Extraction 路网提取

Automatic design method and technology for sewage pipeline network based on elevation information.

高程信息的污水管网自动设计方法技术



• Quick Budgeting 快速预算

Rapid budget generation technology for pipeline design schemes.

管线设计方案的预算快速生成技术



• Equipment Selection 设备选型

B/S, C/S architecture development technology.

B/S, C/S架构开发技术



• Human-computer Interaction 人机交互

The development capability of multi protocol intercon nection in the Internet of Things.

物联网多协议互联开发能力



• Intelligent Inspection 智能巡检

Intelligent inspection technology for decentralized sewage industry.

分散污水行业智能巡检技术



Touch screen
触摸屏

电控柜 Electrical Control Cabinet

The electrical control cabinet of sewage treatment equipment is usually referred to as PLC control cabinet or intelligent control cabinet. It adopts a programmable logic controller (PLC) as the core, integrates various electrical components, and has functions such as automatic control, linkage operation, and remote monitoring. Supports multiple operation modes including manual, automatic, and remote, providing comprehensive protection against overload, short circuit, and phase loss. The cabinet has a compact structure, adopts modular design, and is easy to maintain, ensuring stable and efficient operation of the sewage treatment system. It is the core device for achieving automated management.

污水处理设备电控柜通常称为PLC控制柜或智能控制柜。它采用可编程控制器(PLC)作为核心,集成各类电气元件,具备自动控制、联动运行、远程监控等功能。支持手动/自动/远程多种操作模式,提供过载、短路、缺相等完善保护。柜体结构紧凑,采用模块化设计,维护便捷,能确保污水处理系统稳定高效运行,是实现自动化管理的核心装置。

产品特点 Product Features

1. Device alarms can be pushed via SMS or WeChat on mobile phones. (Customization, SMS push operators charge, WeChat is free)
2. Mobile remote monitoring operation (customized)
3. By scanning the QR code of the electrical cabinet, the maintenance records of the equipment can be queried.
4. Overload protection for power components.
5. Automatically identify the water inflow and control the fan to enter energy-saving mode.
6. Automatically control the aeration rate based on the dissolved oxygen value. (Customized)
7. Record the power consumption and inflow/outflow of the equipment. (Customized)
8. Automatically add medication based on pH value.

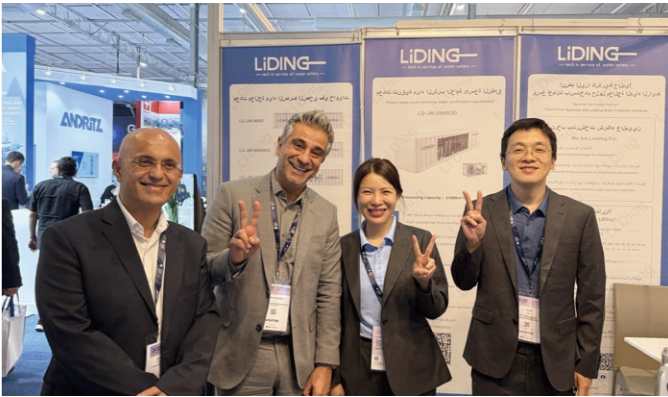
- 1.设备报警可手机短信微信推送。(需定制,短信推送运营商需收费,微信免费)
- 2.手机远程监控操作(需定制)
- 3.通过扫电柜二维码可对设备的维修记录进行查询。
- 4.动力部件过载保护。
- 5.自动识别进水量,从而控制风机进入节能模式。
- 6.根据溶氧值,自动控制曝气量。(需定制)
- 7.记录设备的用电量和进出水流量。(需定制)
- 8.根据PH值大小自动进行加药。



项目案例 Project Case



合作客户 Cooperative Clients



Corporate Vision

企业愿景

Technology enhances the beautiful living environment
科技助力美好人居环境!

Corporate Mission


企业使命


Tech in service of water safety
以科技之名, 护生命之源!





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服务号




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 No.355 Huanghai West Road, Nantong, China.
南通市黄海西路355号

 C1, Artificial Intelligence Industrial Park, Suzhou, China.
苏州工业园区金鸡湖大道88号人工智能产业园C1

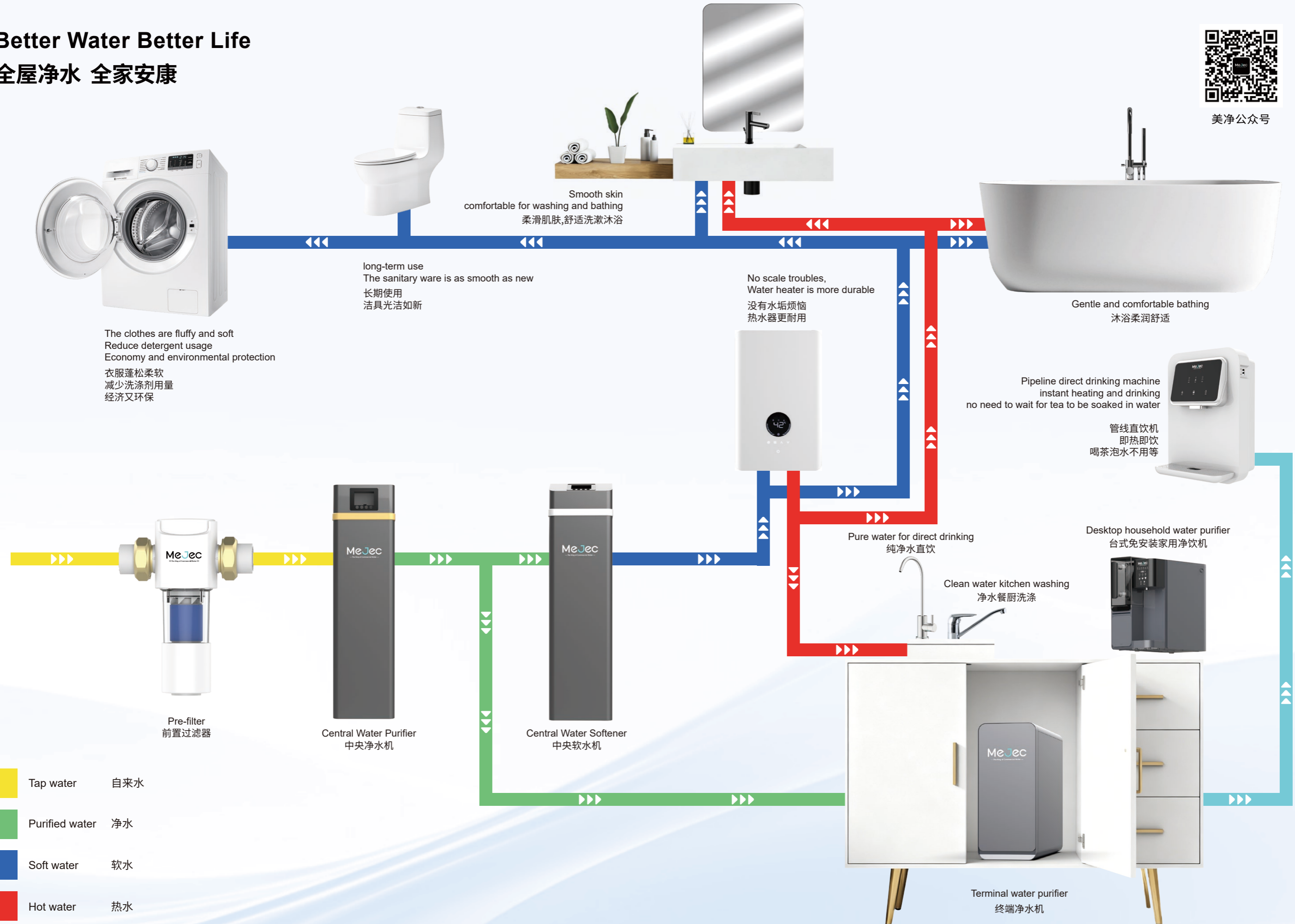
Better Water Better Life
全屋净水 全家安康



美净公众号



Scan to linkedin



The clothes are fluffy and soft
Reduce detergent usage
Economy and environmental protection
衣服蓬松柔软
减少洗涤剂用量
经济又环保

long-term use
The sanitary ware is as smooth as new
长期使用
洁具光洁如新

Smooth skin
comfortable for washing and bathing
柔滑肌肤,舒适洗漱沐浴

No scale troubles,
Water heater is more durable
没有水垢烦恼
热水器更耐用

Gentle and comfortable bathing
沐浴柔润舒适

Pipeline direct drinking machine
instant heating and drinking
no need to wait for tea to be soaked in water

管线直饮机
即热即饮
喝茶泡水不用等

Pure water for direct drinking
纯净水直饮

Clean water kitchen washing
净水餐厨洗涤

Desktop household water purifier
台式免安装家用净饮机

Terminal water purifier
终端净水机

- Tap water 自来水
- Purified water 净水
- Soft water 软水
- Hot water 热水
- Drinking water 直饮水

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Mejec-PS-HC

Direct drinking machine, purifying drinking machine
直饮机/净饮一体机

The PS series is a line of purified drinking water equipment specifically developed by Mejec Company for commercial settings such as government and corporate offices, schools, hospitals, automotive hubs, banks, and hotels.

Featuring RO reverse osmosis membranes (imported DuPont RO membranes) with a filtration precision of 0.0001μm, the equipment effectively removes residual chlorine, bacteria, heavy metal ions, and other harmful components from tap water, ensuring drinking water safety.

PS系列为美净公司专门针对政企办公、学校医院、汽车枢纽、银行酒店等商业场所下研发的一款净水直饮设备。

设备选用RO反渗透膜(进口杜邦RO反渗透膜),过滤精度达到0.0001um,有效去除自来水中的余氯、病菌、重金属离子等对人体有害成分,为饮水安全保驾护航;设备符合人体工艺学设计,具有即开即饮、高效产水、快捷滤芯、易操作(面板按钮接水)、维护方便、多重杀菌、智能物联等特点。可接受个性化定制(颜色、水量、出水类型等)。



产品特点 Product Features



Instant Ready-to-Drink
即开即饮



High-Efficiency Water Production
高效产水



Touch control
触摸控制



Multi-Stage Sterilization
多重杀菌



Home Intelligence Nexus
智慧物联



Multistage filtration
多级过滤



Supports Customization
支持定制

适用场景 Applicable scenarios



Enterprise municipal unit
企业市政单位



School/Hospital
学校/医院



Hotel/shopping mall
酒店/商场



Transportation Hub
交通枢纽



Airport
机场



Office
办公室



Beverage shop
饮品店

设备参数 Product parameters

Product Model 产品型号	PS-HC	PS-HC pro	PS-SC
Outlet Type 出水类型	1 hot + 1 warm 1热+1温	1 hot + 1 warm/cold 1热+1温/冰	Customized to Your Requirements 按需求定制
Filtration stage 几级过滤	5-stage filtration 五级过滤	5-stage filtration 五级过滤	
Treatment Process 处理工艺	PP+Activated carbon+PP+RO+T33+UV	PP+Activated carbon+PP+RO+T33+UV	PP+Activated carbon+PP+RO+T33+UV
Flow Rate 净水流量	1L/min	1L/min	Customized to Your Requirements 按需求定制
Rated Total Purified Water Capacity 额定总净水量	5000L	5000L	
Rated Voltage 额定电压	110V/220V~50Hz/60Hz	110V/220V~50Hz/60Hz	110V/220V~50Hz/60Hz
Hot Water Production Capacity 制热水能力	≥90°C 30L/h	≥90°C 30L/h	Customized to Your Requirements 按需求定制
Warm Water Production Capacity 制常温水能力	63L/h	63L/h	
Cold Water Production Capacity 制冷水能力	/	≤10°C 4L/h	
Heating Power 制热功率	3000W	3000W	
Cooling Power 制冷功率	/	210W	
Rated Total Power 额定总功率	3100W	3400W	
Electric Shock Protection Type 防触电保护类型	I	I	I
Applicable Water Source 适用水源	Municipal Tap Water 市政自来水	Municipal Tap Water 市政自来水	Municipal Tap Water 市政自来水
Inlet Water Pressure 进水压力	100kPa~400kPa	100kPa~400kPa	100kPa~400kPa
Product Dimensions 产品尺寸	500×480×1250mm	500×480×1250mm	500×480×1250mm
Package size 包装尺寸	550×530×1300mm	550×530×1300mm	550×530×1300mm
Water Production Rate 产水率	≥65%	≥65%	≥65%
20'GP/40'HQ 装柜数量	60/180sets	60/180sets	60/180sets

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Mejec-PS-H(A)


Direct drinking machine, purifying drinking machine
直饮机/净饮一体机



产品特点 Product Features



Instant Ready-to-Drink
即开即饮




High-Efficiency Water Production
高效产水



Touch control
触摸控制




Multi-Stage Sterilization
多重杀菌



Home Intelligence Nexus
智慧物联



Multistage filtration
多级过滤



Large screen
超大屏幕



Supports Customization
支持定制

适用场景 Applicable scenarios



Enterprise municipal unit
企业市政单位



School/Hospital
学校/医院



Hotel/shopping mall
酒店/商场



Transportation Hub
交通枢纽



Airport
机场



Office
办公室



Beverage shop
饮品店

设备参数 Product parameters

Product Model 产品型号	PS-H(A)
Outlet Type 出水类型	hot + warm+ cold(Customized to Your Requirements) 按需求定制
Filtration stage 几级过滤	Multi-stage Filtration 多级过滤
Treatment Process 处理工艺	PP+UDF+RO+CTO
Flow Rate 净水流量	1.2-1.7L/min
Rated Voltage 额定电压	220V
Boiling water temperature 开水温度	≥90℃
Inlet water temperature 进水水温	5-38℃
Heating Power 制热功率	0.7-2KW
Applicable Water Source 适用水源	Municipal Tap Water 市政自来水
Applicable water pressure 适用水压	0.1MPa-0.4MPa
Product Dimensions 产品尺寸	460×400×1690mm
20'GP/40'HQ 装柜数量	75/150sets

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Mejec-PS-C/B


Drinking Water and Ice Dispenser
制冰直饮机

The PS-C/B series is a water purification device specifically developed by Mejec for small-scale applications such as beverage shops (coffee shop, convenience store ,milk tea Shop, tea houses, etc.) and household use.


PS-C/B系列是专为小型场景应用(如咖啡店、便利店、奶茶店、茶馆等)和家庭使用的水净化设备。




产品特点 Product Features




Instant Ready-to-Drink
即开即饮




High-Efficiency Water Production
高效产水




Touch control
触摸控制




Rapid ice making
快速制冰



Multi-Stage Sterilization
多重杀菌



Multistage filtration
多级过滤



Supports Customization
支持定制

适用场景 Applicable scenarios



Coffee shop
咖啡店



Villa
别墅



Milk Tea Shop
奶茶店



Office
办公室



Gym
健身房

设备参数 Product parameters

Product Model 产品型号	PS-C/B
Water purification method 过滤方式	Reverse osmosis 反渗透过滤
Water purification ability 制水速度	RO 31.2L/h
Water tank capacity 净水箱容量	7L
Hot Water tank capacity 热水箱容量	3.5L
Cold Water tank capacity 冷水箱容量	5L
Cold Water temp 冷水温度	4~10°C
Hot Water temp 热水温度	≥91°C
Cooler 制冷器	Compressor 压缩机
Product Dimensions 产品尺寸	380x460x1247mm
Packing size 包装尺寸	420x475x1310mm
20'GP/40'HQ 装柜数量	90/240sets

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Pre-filter 家用智能全效前置过滤器

Central pre filter is an economical, practical, efficient and reliable impurity filtration device. It can be widely used in municipal cold water pipelines, underground well water, factories and mines, and other places where it is needed. It can preliminarily filter sediment, rust, algae, particulate matter, suspended solids, scale, etc. in water pipelines. Effectively alleviate pollution symptoms such as rust, turbidity, and bacterial growth in water supply pipelines, especially for household water equipment such as washing machines, water heaters, showerheads, faucets, buckets, dishwashers, coffee machines, wall mounted boilers, underfloor heating, and end-point water purification equipment, which play a good protective role.

中央前置过滤器是一种经济实用、高效可靠的杂质过滤设备。它能广泛的应用于市政冷水管网、地下井水、厂矿企业等有需要的场合，可初步过滤水管路里的泥沙、铁锈、藻类、颗粒胶质物、悬浮、水垢等。有效地缓解供水管路内的铁锈、浑浊、细菌滋生等污染症状，特别是对家庭用水设备诸如：洗衣机、热水器、花洒、马龙头、桶、洗碗机、咖啡机、壁挂炉、地暖、末端净水设备等起到很好的保护作用。



Siphon full effect model

虹吸全效款



Shield net water purification
backwash graded filtration model

盾网净水反冲洗分级过滤款



Siphon full effect universal version

虹吸全效万向款



Shield net water purification backwash
graded filtration universal model

盾网净水反冲洗分级过滤万向款

产品特点 Product Features

MJ-PS-PN



40微米精度滤网:密纹网 6T/H大流量
专利隔铅工艺:食品级内衬隔层,过水流道与铜完全隔离,有效防止重金属析出带来的水质二次污染
滤瓶更安全:防冻防爆滤瓶
全效虹吸排污科技:魔术刮条 虹吸强力反冲洗 大颗粒排污

40 micron precision filter: dense mesh 6T/H high flow rate
Patent lead isolation process: Food grade inner lining layer, completely isolated from copper in the water passage, effectively preventing secondary pollution of water quality caused by heavy metal precipitation
Safer filter bottle: anti freezing and explosion-proof filter bottle
Full effect siphon sewage technology: Magic scraper siphon strong backwash for large particle sewage discharge

MJ-PS-PBW



40微米精度滤网,过滤肉眼可见杂质,抗污能力强,密封性优;
专利隔铅工艺:食品级内衬隔层,过水流道与铜完全隔离,有效防止重金属析出带来的水质二次污染
滤瓶更安全:防冻防爆滤瓶
首发技术 滤盾+滤网40微米精度滤网:密纹网 6T/H大流量

40 micron precision filter, capable of filtering visible impurities, strong anti fouling ability, and excellent sealing performance;
Patent lead isolation process: Food grade inner lining layer, completely isolated from copper in the water passage, effectively preventing secondary pollution of water quality caused by heavy metal precipitation
Safer filter bottle: anti freezing and explosion-proof filter bottle
First release technology filter shield+40 micron precision filter screen: dense mesh 6T/H high flow rate

MJ-PS-PU



万向式设计:360°万向铜头,适应更多安装场景,充分满足用户多样化的产品需求;
40微米精度滤网,过滤肉眼可见杂质,抗污能力强,密封性优;
专利隔铅工艺:食品级内衬隔层,过水流道与铜完全隔离,有效防止重金属析出带来的水质二次污染
滤瓶更安全:防冻防爆滤瓶
全效排污技术:魔术刮条 虹吸强力反冲洗 大颗粒排污

Universal design: 360 ° universal copper head, suitable for more installation scenarios, fully meeting the diverse product needs of users;
40 micron precision filter, capable of filtering visible impurities, strong anti fouling ability, and excellent sealing performance;
Patent lead isolation process: Food grade inner lining layer, completely isolated from copper in the water passage, effectively preventing secondary pollution of water quality caused by heavy metal precipitation
Safer filter bottle: anti freezing and explosion-proof filter bottle
Full effect sewage discharge technology: Magic scraper siphon strong backwash large particle sewage discharge

MJ-PS-PBWU



万向式设计:360°万向铜头,适应更多安装场景,充分满足用户多样化的产品需求;
40微米精度滤网,过滤肉眼可见杂质,抗污能力强,密封性优;
专利隔铅工艺:食品级内衬隔层,过水流道与铜完全隔离,有效防止重金属析出带来的水质二次污染
滤瓶更安全:防冻防爆滤瓶
首发技术 滤盾+滤网40微米精度滤网:密纹网 6T/H大流量

Universal design: 360 ° universal copper head, suitable for more installation scenarios, fully meeting the diverse product needs of users;
40 micron precision filter, capable of filtering visible impurities, strong anti fouling ability, and excellent sealing performance;
Patent lead isolation process: Food grade inner lining layer, completely isolated from copper in the water passage, effectively preventing secondary pollution of water quality caused by heavy metal precipitation
Safer filter bottle: anti freezing and explosion-proof filter bottle
First release technology filter shield+40 micron precision filter screen: dense mesh 6T/H high flow rate

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Central water softener 中央柔水器

产品特点 Product Features

Filter hazards from the source, protect all water related appliances in the house, remove scale from the source to soften water quality, and prevent scale from damaging water appliances such as water heaters, underfloor heating systems, and washing machines.

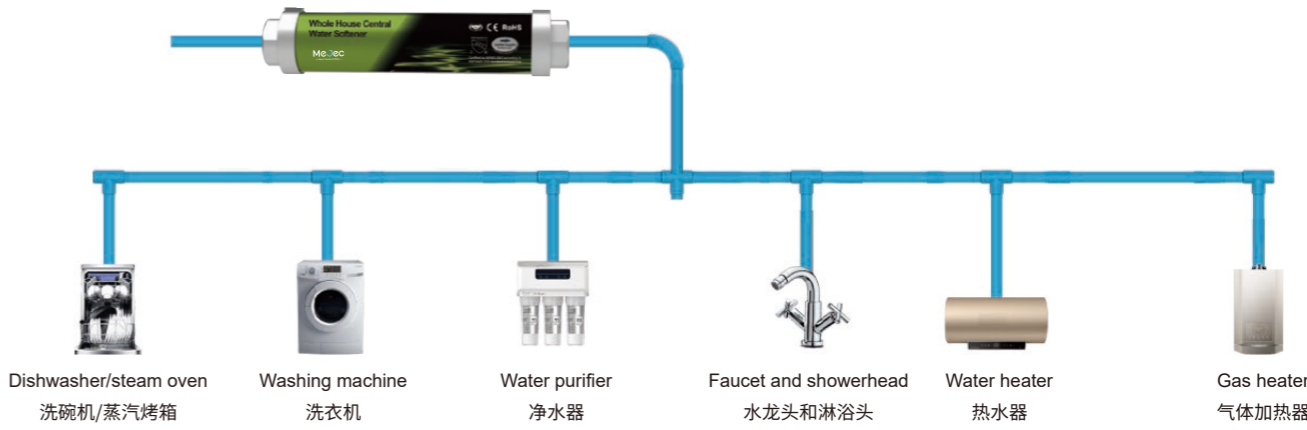
Non magnetic, non electric, non additive, non emission, environmentally friendly, energy-saving, maintenance free copper head adopts lead isolation technology to isolate heavy metal precipitation.

It integrates multiple functions such as scale inhibition, descaling, rust prevention, corrosion prevention, maintenance free, and long-term protection, effectively retaining healthy and beneficial minerals in water.


从源头过滤危害,为全屋涉水家电护航,从源头去除水垢软化水质,阻止水垢对热水器、地暖系统、洗衣机等用水电器造成损坏。

无磁无电、无添加、无排放、绿色环保、节能省电、免维护铜头采用隔铅工艺,隔绝重金属析出。

集阻垢、除垢、防锈、防腐蚀、免维护、长效保护等多种功能于一体,有效保留水中健康有益的矿物质。



MJ-PS-H1



阻垢原理: 纯物理性离子极化

适用水源: 市政自来水

适用水压: 0.15-1MPa

适用水温: 0-99 °C

额定流量: 4m³/h

使用寿命: 10年

安 装: 厨房下面/管道连接

安装位置: 预过滤器后

接头口径: DN20/DN25

净 重: 1.02Kg

尺 寸: 66X66X164mm

Scale inhibition principle: Purely physical ionic polarization

Applicable water source: Municipal tap water

Applicable water pressure: 0.15-1MPa

Applicable water temperature: 0-99 °C

Rated water flow: 4m³/h

Service life: 10 years

Installation: Under kitchen/pipe connection

Installation location: After pre-filter

interface: DN20/DN25

Net weight: 1.02Kg

Size: 66X66X164mm

MJ-PS-Q1



阻垢原理: 纯物理性离子极化

适用水源: 市政自来水

适用水压: 0.15-1MPa

适用水温: 0-99 °C

额定流量: 4m³/h

使用寿命: 10年

安 装: 厨房下面/管道连接

安装位置: 预过滤器后

接头口径: DN20/DN25

净 重: 1.0Kg

尺 寸: 直径54mm,长度255mm

Scale inhibition principle: Purely physical ionic polarization

Applicable water source: Municipal tap water

Applicable water pressure: 0.15-1MPa

Applicable water temperature: 0-99 °C

Rated water flow: 4m³/h

Service life: 10 years

Installation: Under kitchen/pipe connection

Installation location: After pre-filter

interface: DN20/DN25

Net weight: 1.0Kg

Size: Diameter 54mm, length 255mm

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Pipeline water dispenser 管线饮水机

产品特点 Product Features

1. Brand new exterior design, reserved large screen space, providing more functional options.
2. Tempered glass panel, durable, prevents yellowing and discoloration, stylish and atmospheric.
3. Touch to fetch water, hot water with smart child lock, safe to use.
4. Detachable water receiver, easy to use, high-end and durable. (Water box optional)
5. The design of the impermanent warm water storage tank allows room temperature water to enter and exit directly, avoiding secondary pollution and preventing cross temperature.
6. Unique heating system, pressure free structure of hot bladder, multiple dry burn protection design, safe and reliable.
7. Using food grade 304 stainless steel hot pot and high-quality insulation materials, the insulation effect is good and energy-saving.
8. By adopting a precise waterway control system, the output of cold and hot water is more accurate and scientific.

- 1、全新外观设计，预留超大屏幕空间，可提供更多的功能选配。
- 2、钢化玻璃面板，经久耐用，杜绝发黄变色，时尚大气。
- 3、触摸取水，热水带智能童锁，使用安全。
- 4、可拆卸式接水盒，使用方便，高端耐用。(接水盒可选)
- 5、无常温水存水箱设计，常温水直进直出，避免二次污染，杜绝串温。
- 6、独特的加热系统，热胆无压结构，多重干烧保护设计，安全可靠。
- 7、采用食品级304不锈钢热胆，优质的保温材料，保温效果好，节能省电。
- 8、采用精确的水路控制系统，冷热水的出水量更精确，更科学。



适用场景 Applicable scenarios



设备参数 Product parameters

Regular
常规款



Scan the code
扫码款



Product Model 产品型号	MJ-PS-PWD01	MJ-PS-PWD02	MJ-PS-PWD03
Applicable water sources 适用水源	High quality drinking water 优质饮用水	High quality drinking water 优质饮用水	High quality drinking water 优质饮用水
Applicable Water Pressure 适用水压	0.1MPa-0.4MPa	0.1MPa-0.4MPa	0.1MPa-0.4MPa
Applicable Temperature 适用温度	5°C-40°C	5°C-40°C	5°C-40°C
Rated voltage/frequency 额定电压/频率	220V~/50Hz	220V~/50Hz	220V~/50Hz
rated power 额定功率	550W	550W	550W
Hot bile volume 热胆容积	3L(2-4L customize) 3L (2-4L定制)	3L(2-4L customize) 3L (2-4L定制)	5L(2-5L customize) 5L (2-5L定制)
Anti electric shock type 防触电类型	I	I	I
Size 产品尺寸	450x320x130mm	450x320x120mm	450x320x135mm
Scan code, swipe card(option) 扫码、刷卡 (选配)	√	√	√

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Desktop/Kitchen Water Purifier

台式/厨下净水器

产品特点 Product Features

1. Ejection type quick core change

2. Water utilization rate up to 65%

3. Multiple specifications and high throughput, no need to wait for drinking water

4. Multi-stage fine filtration, direct drinking for mother and baby

5. Long-lasting RO membrane, saving chips and money
1. 弹射式快速换芯

2. 水利用率高达65%

3. 多规格大通量, 喝水不用等

4. 多级精滤, 母婴直饮

5. 长效RO膜, 省芯省钱

MJ-PS-SRO1



产品尺寸: 140×388×333mm	Size: 140×388×333mm
纯水流量: >1.5L/min (600加仑)	Purified Water Flow: >1.5L/min (600GPD)
纯水总量: 5,000L	Total Purified Water: 5,000L
水效: 1级(回收率>65%)	Water Efficiency: Grade 1 (Recovery Rate >65%)
废水比率: 2:1	Wastewater Ratio: 2:1
电源: 220V/50HZ	Voltage/Frequency: 220V/50HZ
功率: 96W	Power: 96W
过滤系统: PCB复合滤芯+600GPD反渗透膜	Filter Configuration: PCB Composite Filter + 600GPD RO Membrane

MJ-PS-SRO2



净水总量: 4000L	Rated Total Purified Water: 4000L
膜规格: 600加仑(可定制)	Membrane Specification: 600 gallons (customizable)
净水流量: 1.56 L/min (可定制)	Purified Water Flow Rate: 1.56 L/min (customizable)
进水压力: 0.1-0.4 MPa	Inlet Water Pressure: 0.1-0.4 MPa
工作压力: 0.4-0.8 MPa	Working Pressure: 0.4-0.8 MPa
适用水源: 市政自来水	Applicable Water Quality: Municipal Tap Water

MJ-PS-SRO3



产品尺寸: 410x130x340mm	Size: 410x130x340mm
净水流量: 2L/min	Water purification flow rate: 2 L/min
纯水流量: 1-1.5L/min	Pure water flow rate: 1-1.5 L/min
滤芯配置: PAC+RO	Filter Configuration: PAC + RO
显示: LED显示屏	Display: LED Display Screen
单双水: 单水双水均可	Single or double water: Both single and double water are acceptable
压力桶: 无	Pressure tank: None
自吸增压: 增压	Self-suction boost: Boost
特色: 零陈水, 水路板, 抛弃式滤芯, 不锈钢外壳	Features: No stagnant water, water path plate, disposable filter, stainless steel housing

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Stainless steel desktop water purifier
不锈钢RO机

MJ-PS-RO1



流 量：150L/h	Flow rate: 150L/h
滤 芯：PP+CTO+UF+GAC+CRM	Filter cartridge: PP+CTO+UF+GAC+CRM
接头口径：1/4"	Joint diameter: 1/4"
规 格：10"	Specification: 10"
包装尺寸：54x44x36cm	Packaging size: 54x44x36cm

MJ-PS-RO2



流 量：150L/h	Flow rate: 150L/h
滤 芯：PP+CTO+UF+GAC+CRM	Filter cartridge: PP+CTO+UF+GAC+CRM
接头口径：1/4"	Joint diameter: 1/4"
规 格：10"	Specification: 10"
包装尺寸：63x30x36cm	Packaging size: 63x30x36cm

MJ-PS-RO3



流 量：150L/h	Flow rate: 150L/h
滤 芯：PP+CTO+UF+GAC+CRM	Filter cartridge: PP+CTO+UF+GAC+CRM
接头口径：1/4"	Joint diameter: 1/4"
规 格：10"	Specification: 10"
包装尺寸：61x41x36cm	Packaging size: 61x41x36cm

MJ-PS-RO4



产品尺寸：425x135x400mm	Size: 425x135x400mm
净水流量：2L/min	Water purification flow rate: 2L/min
纯水流量：0.2-1.5L/min	Pure water flow rate: 0.2-1.5L/min
滤芯配置：PP+CTO+RO+GAC	Filter Configuration: PP+CTO+RO+GAC
显 示：屏显/灯显	Display: Screen display/light display
单 双 水：单水双水均可	Single and Double Water: Both single and double water can be used
压 力 桶：3.2G(小通量机型)	Pressure bucket: 3.2G (small flux model)
自吸增压：自吸增压均可	Self suction boosting: Both can be self suction boosting
特 色：不锈钢机型底托款	Features: Stainless steel model bottom support

MJ-PS-RO5



产品尺寸：380x150x420mm	Size: 380x150x420mm
净水流量：2L/min	Water purification flow rate: 2L/min
纯水流量：0.2-1.5L/min	Pure water flow rate: 0.2-1.5L/min
滤芯配置：PAC+RO+CTO	Filter Configuration: PAC+RO+CTO
显 示：无	Display: None
单 双 水：单水双水均可	Single and Double Water: Both single and double water can be used
压 力 桶：3.2G(小通量机型)	Pressure bucket: 3.2G (small flux model)
自吸增压：自吸增压均可	Self suction boosting: Both can be self suction boosting
特 色：不锈钢机型支架款	Features: Stainless steel model bracket

MJ-PS-RO6



产品尺寸：210x350x460mm	Product size: 210x350x460mm
净水流量：15L/h(可定制最大90L/h)	Water purification flow rate: 15L/h (customizable up to 90L/h)
制 水 量：100G(可定制200/400/600G)	Water production capacity: 100G (customizable for 200/400/600G)
滤芯配置：5级过滤	Filter cartridge configuration: 5-level filtration
压 力 桶：无桶(可外置)	Pressure bucket: no bucket (can be external)
材 质：冷轧板喷涂	Material: Cold rolled sheet spray coating

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Desktop Drinking Water Purifier 台式直饮机

产品特点 Product Features

1. Exquisite appearance, indirect elegance, combination of plastic panel and cold-rolled plate spraying technology, durable and long-lasting;

2. Control, power supply, heating, cooling display, automatic operation, heating, cooling independent switch control;

3. Reverse osmosis filtration results in purer water quality and safer drinking;

4. 304 stainless steel hot pot, 304 stainless steel water tank, food grade silicone, ensuring safe and healthy water outlet;

5. Top tier domestic accessory brands ensure product stability and low failure rates.
- 1.外形精致、间接大方、塑料面板和冷轧板喷涂工艺结合、经久耐用；

2.控制、电源、加热、制冷显示、自动运行、加热、制冷独立开关控制；

3.反渗透过滤，水质更纯净，饮用更安全；

4.304不锈钢热但，304不锈钢水箱，食品级硅胶，保证出水安全健康；

5.国内一线配件品牌，保证产品稳定，低故障率。

MJ-PS-CD



产品尺寸：300x400x545mm	Size: 300x400x545mm
水箱容量：4L (冷水2L热水3L)	Water tank capacity: 4L (2L cold water and 3L hot water)
热但容量：1.2L (储热式)	Hot but capacity: 1.2L (thermal storage type)
制冷方式：压缩机制冷 (85W)	Cooling method: Compressor cooling (85W)
加热方式：热但加热 (550W)	Heating method: hot but heated (550W)
电 源：220V/50HZ	Power supply: 220V/50HZ
材 质：冷轧板喷涂，塑料面板	Material: Cold rolled plate spray coating, plastic panel
过滤系统 (内置)：PP+CTO+RO+T33,75G (可定制100G)	Filter system (built-in): PP+CTO+RO+T33,75G (customizable 100G)

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Desktop household water purifier 台式家用净饮机

产品特点 Product Features

1. Integrating purification, heating, temperature regulation, quantity control, and installation free functions can easily meet different brewing needs;

2. Adopting an overcurrent UV sterilization design, the sterilization rate reaches 99.9%;

3. Adopting the new generation of rare earth thick film heating technology, it heats up quickly in 3 seconds, allowing you to enjoy fresh, pure, and suitable temperature water at any time;

4. The water tank has a larger capacity and does not require frequent replacement;

5. Mobile, easy to clean, readily accessible, and more convenient;

6. No installation, plug and play, suitable for various scenarios, can be placed in the living room, kitchen, bedroom, and office, and enjoyed anytime, anywhere;

7. Side pull quick core replacement, rotate and pull out, easy to handle
- 1.集净化、加热、调温、控量、免安装等功能于一体可以轻松满足不同的泡饮需求；

2.采用过流式UV杀菌设计，杀菌率达99.9%；

3.采用新一代稀土厚膜加热技术，3秒速热，随时即享新鲜纯净适温适量的好水；

4.水箱容量更大 无须频繁更换；

5.可移动、易清洗、随时取用、更便捷；

6.免安装插电即用，满足多种场景使用，客厅、厨房、卧室、办公室都可放置，随时随地享受；

7.侧抽快速换芯，旋转拉出，轻松搞定

MJ-PS-HP



产品尺寸：230.8x420x375mm	Size: 230.8x420x375mm
净水流量：0.26L/min 0.4L/min	Purified water flow rate: 0.26L/min 0.4L/min
净水总量：2000L 4000L	Total purified water: 2000L 4000L
电 源：220V/50HZ	Power supply: 220V/50HZ
适用水源：市政自来水	Applicable water source: municipal tap water
适用水温：5-38℃	Applicable water temperature: 5-38 °C
环境温度：4-40℃	Environmental temperature: 4-40 °C
制热水能力：20L/h, ≥90℃	Heating capacity: 20L/h, ≥ 90 °C
额定总功率：2200W	Rated total power: 2200W

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Mejec-CE-HC

Drinking station, reverse osmosis drinking water platform
饮水台/反渗透饮水平台

The CE series represents a water purification platform developed by Mejec specifically for high-traffic environments such as government and enterprise offices, schools, hospitals, transportation hubs, banks, and hotels.

The equipment utilizes RO (Reverse Osmosis) membranes (imported DuPont RO membranes) with a filtration precision of 0.0001 microns. It achieves a removal rate of up to 99.9% for harmful components in tap water, including residual chlorine, pathogens, and heavy metal ions, ensuring safe drinking water.

Featuring a four-tap design, the unit allows multiple users to draw water simultaneously. Its ergonomic design caters to the needs of diverse user groups.


CE系列是Mejec专为政府和企业办公室、学校、医院、交通枢纽、银行和酒店等人流密集的环境开发的水净化平台。

该设备采用过滤精度为0.0001微米的反渗透（RO）膜（进口杜邦RO膜）。它对自来水中的有害成分，包括残留氯、病原体和重金属离子，去除率高达99.9%，确保了饮用水的安全。


该设备采用四嘴设计，可允许多名用户同时取水。其符合人体工程学设计，满足不同用户群体的需求。




产品特点 Product Features




Instant Ready-to-Drink
即开即饮



High-Efficiency Water Production
高效产水



Touch control
触摸控制




Multi-Stage Sterilization
多重杀菌



Home Intelligence Nexus
智慧物联



Multistage filtration
多级过滤



Supports Customization
支持定制

适用场景 Applicable scenarios



Enterprise municipal unit
企业市政单位



School/Hospital
学校/医院



Hotel/shopping mall
酒店/商场



Transportation Hub
交通枢纽



Airport
机场



Office
办公室



Beverage shop
饮品店

设备参数 Product parameters

Product Model 产品型号	CE-HC	CE-HC	CE-SC
Outlet Type 出水类型	2 hot + 2 warm 2热+2温	1 hot + 2 warm+1cold 1热+2温+1冰	Customized to Your Requirements 按需求定制
Filtration stage 几级过滤	8-stage filtration 八级过滤	8-stage filtration 八级过滤	
Treatment Process 处理工艺	3-Stage Composite Filter+RO+T33 3级复合滤芯+RO+T33	3-Stage Composite Filter+RO+T33 3级复合滤芯+RO+T33	
Flow Rate 净水流量	1L/min	1L/min	
Rated Total Purified Water Capacity 额定总净水量	5000L	5000L	Customized to Your Requirements 按需求定制
Rated Voltage 额定电压	110V/220V~50Hz/60Hz	110V/220V~50Hz/60Hz	
Hot Water Production Capacity 制热水能力	≥90°C 30L/h	≥90°C 30L/h	
Warm Water Production Capacity 制温水能力	63L/h	63L/h	
Cold Water Production Capacity 制冷水能力	/	≤10°C 4L/h	
Heating Power 制热功率	3000W	3000W	
Cooling Power 制冷功率	/	210W	Customized to Your Requirements 按需求定制
Rated Total Power 额定总功率	3100W	3100W	
Electric Shock Protection Type 防触电保护类型	I	I	
Applicable Water Source 适用水源	Municipal Tap Water 市政自来水	Municipal Tap Water 市政自来水	Municipal Tap Water 市政自来水
Inlet Water Pressure 进水压力	100kPa~400kPa	100kPa~400kPa	100kPa~400kPa
Product Dimensions 产品尺寸	1250×400×1100mm	1250×400×1100mm	1250×400×1100mm
Package size 包装尺寸	1300×450×1150mm	1300×450×1150mm	1300×450×1150mm
Water Production Rate 产水率	≥65%	≥65%	≥65%
20'GP/40'HQ 装柜数量	30/100sets	30/100sets	30/100sets

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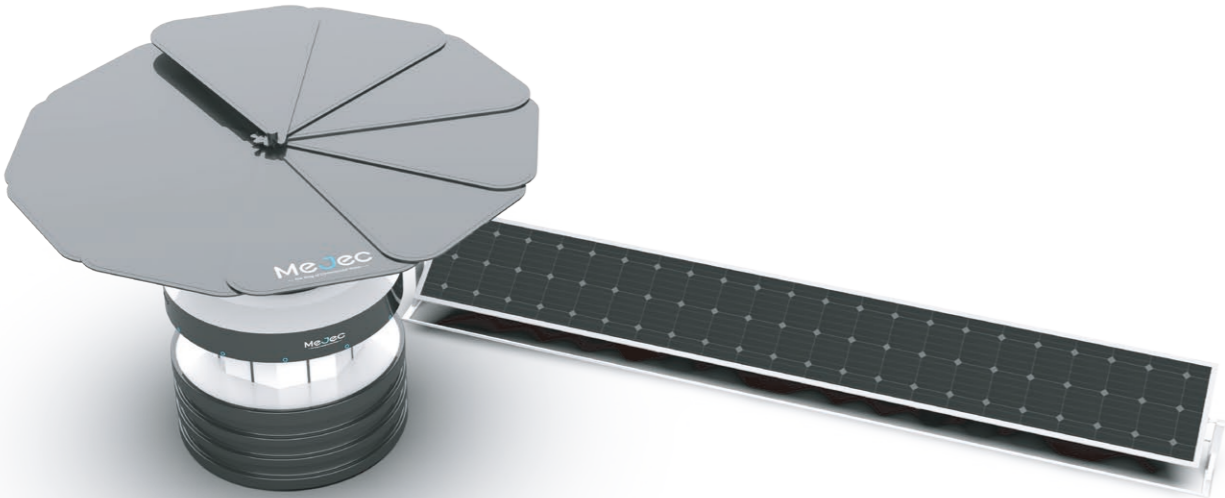


Mejec-AF-SC

Water purification equipment reverse osmosis central host
净水设备 反渗透中央主机

The AF Series is a modular water purification platform developed by Mejec specifically for high-traffic environments such as government and enterprise offices, schools, hospitals, transportation hubs, banks, and hotels. The units can be deployed individually or combined in multiple sets, and are compatible with walls at any angle—90°, 180°, 270°, or 360°. Water output capacity and features can be configured to meet your specific requirements.

CE系列为美净公司专门针对政企办公、学校医院、汽车枢纽、银行酒店等人流量较大场所下研发的模块化净水平台设备。设备可单体放置，也多套组合摆放，不管您是90°、180°、270°、360°墙体都可选择此设备，设备水量及需求根据您要求进行设置。



产品特点 Product Features



Instant Ready-to-Drink
即开即饮



High-Efficiency Water Production
高效产水



Touch control
触摸控制



Multi-Stage Sterilization
多重杀菌



Home Intelligence Nexus
智慧物联



Multistage filtration
多级过滤



Solar energy (optional)
太阳能（选配）



Supports Customization
支持定制

适用场景 Applicable scenarios



Enterprise municipal unit
企业市政单位



School/Hospital
学校/医院



Hotel/shopping mall
酒店/商场



Transportation Hub
交通枢纽



Airport
机场



Construction site
工地



Desert
沙漠

设备参数 Product parameters

Product Model 产品型号	AF-SC
Outlet Type 出水类型	hot + warm+ cold(Customized to Your Requirements) 按需求定制
Filtration stage 几级过滤	Multi-stage Filtration 多级过滤
Treatment Process 处理工艺	RO
Flow Rate 净水流量	1~20L/min(Customized to Your Requirements)
Rated Total Purified Water Capacity 额定总净水量	3000~200000L(Customized to Your Requirements)
Rated Voltage 额定电压	110V/220V~50Hz/60Hz
Hot Water Production Capacity 制热水能力	≥90°C 30~240L/h
Warm Water Production Capacity 制常温水能力	60-1200L/h
Cold Water Production Capacity 制冷水能力	2~16L/min
Heating Power 制热功率	3000~24000W
Cooling Power 制冷功率	210~1600W
Rated Total Power 额定总功率	3.1~25.6kW
Electric Shock Protection Type 防触电保护类型	I
Applicable Water Source 适用水源	Municipal Tap Water 市政自来水
Inlet Water Pressure 进水压力	100kPa~400kPa
Product Dimensions 产品尺寸	Customized to Your Requirements 按需求定制
Package size 包装尺寸	
Water Production Rate 产水率	≥65%
20'GP/40'HQ 装柜数量	Customized to Your Requirements 按需求定制

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Mejec-AF-PW


Large (modular) water purification equipment
大型（模块化）净水设备

The PW series is water purification equipment developed by Mejec Company for centralized water supply scenarios. The equipment adopts a modular frame design and utilizes imported reverse osmosis membranes. It boasts advantages including large water production capacity, high desalination rate, low equipment cost, ease of operation and maintenance, and wide applicability.


PW系列为美净公司针对集中供水场景下使用的净水设备。设备采用框架结构设计，选用进口反渗透膜，具有产水量大、脱盐率高、产水量高、设备成本低、易操作维护、适用性广等优点。




产品特点 Product Features




High-Volume Output
大水量




Multi-Stage Sterilization
多重杀菌




Multistage filtration
多级过滤



Wide range of applicability
适用范围广



Low cost
低成本运营



Supports Customization
支持定制

适用场景 Applicable scenarios



Enterprise municipal unit
企业市政单位



School/Hospital
学校/医院



Factory
工厂



Construction site
工地

设备参数 Product parameters

Product Model 产品型号	MJ-AF-PW
Outlet Type 出水类型	Customized to Your Requirements 按需求定制
Treatment Process 处理工艺	RO
Flow Rate 净水流量	0.5~100T/H
Rated Voltage 额定电压	110V/220V/380V~50Hz/60Hz
Installed Power 装机功率	0.5~180KW
Applicable Water Source 适用水源	Municipal Tap Water 市政自来水
Product Dimensions 设备尺寸	Customized to Your Requirements 按需求定制

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MJ-AF-Pre-filter

工业级智能全效前置过滤器

Industrial pre filter, designed specifically for residential buildings and industrial equipment, serves as the first line of defense for water purification. It can effectively intercept sediment, rust, and various particulate impurities in water. Filtering from the root not only protects water wading equipment from damage, but also extends its service life. Suitable for commercial high flow filtration, electromechanical circulating water equipment, large-scale water system treatment, school and community main pipe filtration, villa self built water pump towers, hotel/hotel filtration, etc.

工业前置过滤器，专为小区楼宇和工业设备设计，作为净水第一道防线，它能有效拦截水中的泥沙、铁锈和各种颗粒杂质。从根源过滤，不仅保护了涉水设备免受损害，还能延长其使用寿命。适用于商用大流量过滤，机电循环水设备，大型水系统处理，学校社区总管过滤，别墅自建房水泵水塔，宾馆/酒店过滤等。



产品特点 Product Features

- 过滤精度：25μm高精度过滤，比传统过滤器提高40%以上过滤精度。
- 龙鳞仿生变径过滤技术：滤孔可变，立体式过滤，永久不堵，可适用于井水、河水等各种负复杂水质。
- 飓风式反旋喷 微纳米脱污技术：搭载微纳米起泡滤网，纯物理结构生成微纳米气泡，深度清洁反旋喷，脱污更彻底。
- 滤瓶旋刮技术：全效除污360度无死角。
- 全屋水锤防护：50万次以上的水锤测试，自动解决水锤问题，彻底杜绝水锤危害，提升前置过滤器性能，保护后端涉水设备。
- 过滤组件抑菌抗藻：摆脱绿藻困扰。

- Filtering accuracy: 25 μ m high-precision filtering, which improves filtering accuracy by more than 40% compared to traditional filters.
- Dragon scale biomimetic variable diameter filtration technology: variable filter holes, three-dimensional filtration, permanent non clogging, suitable for various negative and complex water qualities such as well water and river water.
- Hurricane style anti swirl spray micro nano pollution removal technology: equipped with micro nano foaming filter screen, pure physical structure generates micro nano bubbles, deep cleaning anti swirl spray, more thorough pollution removal.
- Filter bottle rotary scraping technology: fully effective cleaning with 360 degree no dead corners.
- Whole house water hammer protection: With over 500000 water hammer tests, it automatically solves water hammer problems, completely eliminates water hammer hazards, improves the performance of pre filters, and protects downstream water related equipment.
- Filter component antibacterial and anti algae: get rid of the trouble of green algae.

适用场景 Applicable scenarios



Enterprise municipal unit
企业市政单位



School/Hospital
学校/医院



Factory
工厂



Construction site
工地



Hotel/shopping mall
酒店/商场

设备参数 Product parameters

Purified water flow rate 净水流量	35-55m³/h
interface dimensions 接口尺寸	DN80
Filter method 过滤方式	Fully automatic+automatic manual integration 全自动+手自一体
Filter method 过滤方式	Pure physical filtration 纯物理过滤
Filter pore size (stainless steel filter mesh) 过滤孔径(不锈钢滤网)	100μm/200μm300μm
Size 尺寸	336*200*542mm
Installation method 安装方式	Horizontal installation, with the filter bottle facing upwards 水平安装，滤瓶朝上
Operating temperature 运行温度	5-38℃
Rated pressure 额定压力	PN16

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Mejec-FS 中央净水机

This series of products operates fully automatically and intelligently. Equipped with high-quality food-grade activated carbon for adsorption and purification of raw water, it features high water output, excellent water purification, automatic flushing and regeneration, and a long service life. It effectively removes residual chlorine, odors, discoloration, rust, sediment, and other harmful substances from water. When the activated carbon becomes depleted, its automatic flushing and regeneration function reactivates the carbon, restoring its adsorption capacity and autonomously carrying out procedures such as backwashing and forward washing without requiring manual operation.


美净中央净水机系列产品全自动智能化运行，该设备采用优质食品级活性炭吸附净化原水，具有出水量大、净化水质好、自动冲洗再生，使用寿命长等特点，有效地去除水中的余氯，去除异味、色泽、锈、泥等有害物质。在活性炭失效后，其自动冲洗再生功能可自动再生活性炭，让活性炭恢复吸附功能并自动实现反洗、正洗等程序的运行，无需人员操作。




产品特点 Product Features




High-Volume Output
大水量




Multi-Stage Sterilization
多重杀菌




Multistage filtration
多级过滤




Long service life
使用寿命长



Automatic flushing
自动冲洗、反洗



Low cost
低成本运营



Supports Customization
支持定制

适用场景 Applicable scenarios



Hotel/shopping mall
酒店/商场



School/Hospital
学校/医院



Villa
别墅



Factory
工厂






Office
办公室



Gym
健身房

设备参数 Product parameters

			
Flow Rate 流量	0.6-1.5m³/h	1.5-2.0m³/h	1.5-3.0m³/h
Net Water Volume per Regeneration Cycle 再生周期净水量	0.6-1.5m³/h	1.5-2.0m³/h	1.5-3.0m³/h
Operating Water Temperature 工作水温	5-45℃		
Inlet/Outlet Connection Size 进出水口径	3/4"		
Resin Capacity 树脂量	7L Activated Carbon + 3L Quartz Sand 活性炭7升+石英砂3升	16L Activated Carbon + 3L Quartz Sand 活性炭16升+石英砂3升	23L Activated Carbon + 3L Quartz Sand 活性炭23升+石英砂3升
Product Dimensions 产品尺寸	278X328X510mm	278X328X710mm	278X328X1020mm
Package size 包装尺寸	340X340X650mm	340X340X890mm	340X340X1170mm
20'GP/40'HQ 装柜数量	220/500sets	170/340sets	90/300sets

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Mejec-WS 中央软水机

This product series features fully automated and intelligent operation. It utilizes food-grade cation exchange resin to soften raw water, effectively reducing the content of calcium, magnesium, and other ions. Once the resin becomes saturated and depleted, its automatic regeneration function takes over. It autonomously controls a brine solution to regenerate the resin, restoring its softening capacity. The system automatically executes the entire sequence—including backwashing, brine draw and regeneration, refilling, and rinsing—without requiring any manual intervention.

美净软水机系列产品全自动智能化运行，该设备采用优质食品级阳离子树脂对原水进行软化，有效地降低自来水中钙、镁等离子的含量。在树脂饱和和失效后，其自动再生功能可自动控制盐水对树脂进行再生，恢复树脂软化功能并自动实现反洗、吸盐再生、补水、正洗等程序的运行，无需人员操作。



产品特点 Product Features

High-Volume Output
大水量

Multi-Stage Sterilization
多重杀菌

Multistage filtration
多级过滤

Long service life
使用寿命长

Automatic flushing
自动冲洗、反洗

Low cost
低成本运营

Supports Customization
支持定制

适用场景 Applicable scenarios

Hotel/shopping mall
酒店/商场

School/Hospital
学校/医院

Villa
别墅

Factory
工厂

Office
办公室

Gym
健身房

设备参数 Product parameters

Flow Rate 流量	0.8-1.0m³/h	1.5-2.0m³/h	1.5-3.0m³/h
Net Water Volume per Regeneration Cycle 再生周期净水量	3m³/h	5m³/h	7m³/h
Operating Water Temperature 工作水温	5-45℃		
Inlet/Outlet Connection Size 进出水口径	3/4"		
Resin Capacity 树脂量	10L	18L	25L
Product Dimensions 产品尺寸	270X420X510mm	270X420X710mm	270X420X1020mm
Package size 包装尺寸	345X480X590mm	345X480X810mm	345X480X1090mm
20'GP/40'HQ 装柜数量	220/500sets	170/340sets	90/300sets

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The king Of Water!
健康饮水, 就选美净!

