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REVERSE OSMOSIS EQUIPMENT

Reverse osmosis is a membrane separation technology developed in the 1980s. It mainly uses the permeation principle of semi permeable membranes to apply apressure to it in a certain way, which is opposite to the natural permeation direction, causing water in the concentrated solution to permeate into the dilute solution. The device composed of reverse osmosis components is a reverse osmosis device, which is automatically controlled or unmanned through PLC/DCS, etc.



Real time photos of the factory area



0.5T/H Small reverse osmosis equipment



0.5T/H Small reverse osmosis equipment



1T/H Reverse osmosis equipment



1T/H Reverse osmosis equipment

REVERSE OSMOSIS EQUIPMENT





1T/H Reverse osmosis equipment



1T/H Reverse osmosis equipment



1T/H Reverse osmosis equipment



2T/H Reverse osmosis equipment



2T/H Reverse osmosis equipment



3T/H Reverse osmosis equipment



4T/H Reverse osmosis equipment



4T/H Double stage reverse osmosis equipment

REVERSE OSMOSIS EQUIPMENT





10T/H Reverse osmosis equipment



30T/H EDIReverse osmosis equipment



2T/H Reverse osmosis equipment



1T/H EDIDouble stage reverse osmosis equipment



EDI Reverse osmosis equipment



6T/H Reverse osmosis equipment



Large reverse osmosis equipment



Large reverse osmosis equipment

ULTRAFILTRATION EQUIPMENT

Ultrafiltration equipment utilizes hollow fiber membranes to apply pressure by utilizing the flow of raw water around the periphery and inside of the system. Ultrafiltration is a dynamic process that can discharge trapped substances. However, during this process, impurities will continue to accumulate on the surface of the equipment, resulting in concentration polarization. Causing a decrease in the permeability of the fiber membrane, scientific operation and regular cleaning will reduce concentration polarization phenomenon.



Ultrafiltration equipment



Barreled mineral water equipment



Barreled water production equipment



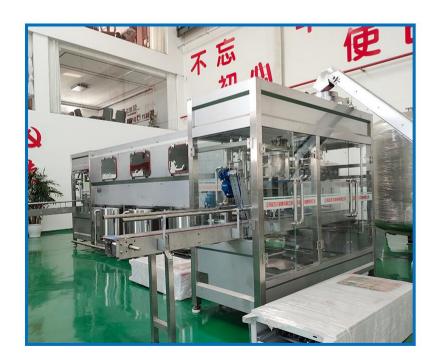
Mineral Water Production Plants

FILLING EQUIPMENT

The drinking water filling equipment adopts bottleneck transmission technology to achieve fully automatic bottle flushing, filling, capping and other processes, with a high degree of automation; Most electrical system components are made of advanced foreign products, and all parts in contact with liquids are made of high-quality stainless steel material, which has the characteristics of wear resistance, stability, and low failure rate. The product quality is at the international advanced level.



Filling water production line



Fully automatic filling water production line



Fully automatic filling water production line



Bottle filling and capping three-in-one unit

BEVERAGE PRODUCTION LINE

The steam containing canned equipment adopts bottleneck transmission technology to achieve fully automatic bottle flushing, filling, capping and other processes, with a high degree of automation; Equipped with precise CO2 pressure control and stable liquid level control; Equipped with multiple protective alarm devices for bottle jamming, bottle shortage, cap shortage, overload, etc., to ensure product quality. This device has the advantages of high reliability, high efficiency, and easy operation.



Beverage Production Line



Semi automatic beverage production line



Semi automatic beverage production line

POTABLE WATER EQUIPMENT

The direct drinking water project is a system engineering that directly sets up water treatment centers in user areas (such as schools, government agencies, residential areas, hotels, etc.), configures deep water treatment process equipment (ultrafiltration or reverse osmosis equipment), directly purifies raw water, and then transmits it to end customers through a circulating pipeline network composed of food grade specialized water pipes.



Household water purifier



Community water dispenser



Community water dispenser



Cold and hot water purifier



Commercial household water purifier

POTABLE WATER EQUIPMENT





Commercial household water purifier



Commercial household water purifier



Commercial household water purifier



Commercial household water purifier



800 gallon household water purifier



400 gallon household water purifier



300 gallon household water purifier



200 gallon household water purifier

SPARE PARTS CONSUMABLES

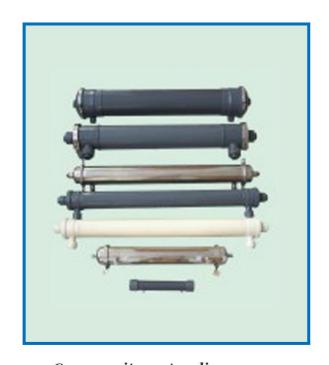
Pure water treatment equipment is a device used for producing pure water. It uses physical or chemical methods to remove impurities, soften, desalinate, and ultrafiltration from raw water sources such as tap water, resulting in high-purity water. It is widely used in fields such as medicine, chemical engineering, electronics, food, and beverage. Pure water treatment equipment requires frequent replacement of consumables in actual production to ensure the normal operation of the equipment and the quality of purified water.



PP filter element







Community water dispenser



Salt box



ozone generator

SPARE PARTS CONSUMABLES











controller

Reverse osmosis membrane

Fiberglass tank

Ultraviolet disinfection









Pump

Control valve

Housing

Quartz sand and activated carbon

PARTIAL PRODUCTION SITES

Nowadays, people's living standards are starting to be quite high, and they are also paying attention to the issue of drinking water safety. Therefore, more and more families or businesses are choosing to purchase water treatment equipment.



Barreled water production site



Community direct drinking water production site



Community direct drinking water production site



Community direct drinking water production site

PARTIAL PRODUCTION SITES





Pharmaceutical pure water production site



Container type pure water system



School drinking water system



Bottled water production site



Barreled water production site

