



一、 Technical indicators:

- 1.1 Water production: 2000L/h (water temperature 25°C), more reasonable design, more stable water quality.
- 1.2、 Equipment technology: pretreatment + two-stage reverse osmosis process + pure water constant flow and pressure system.
- 1.3、 Water requirements: City drinking tap water TDS \leq 200ppm, water pressure 0.10-0.40Mpa, water temperature 5-35°C。
- 1.4、 RO reverse osmosis water index: RO water (us): 15 μ s/cm。
- 1.5、 Power supply: AC380V/50Hz (three-phase five-wire system)。
- 1.6、 Environment and water temperature: environment temperature 15-35°C, relative humidity \leq 80%, water temperature 15-35°C。
- 1.7、 Equipment recovery rate: 55%-65%。

二、 Technical Parameters:



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- 2.1、 Process flow: pretreatment + two-stage reverse osmosis process + pure water constant flow and pressure: the whole system is controlled by PLC and runs automatically without manual intervention. When the equipment has problems such as low water pressure and water leakage, it will sound an alarm, intuitively display various possible faults, sound and light alarms, and make self-protection shutdowns when necessary.。
 - 2.2、 The pretreatment system uses glass fiber reinforced plastics with food-grade PE liner and Runxin automatic control valve. It removes source water particulate matter, iron, manganese, residual chlorine, calcium, magnesium ions, adsorbed organic matter, odor, etc., automatically produces water and regenerates, forward flushes and backwashes regularly, and maintains the resin to efficiently remove the hardness of the source water.。
 - 2.3、 The host adopts a fully enclosed chassis, high-strength galvanized sheet material, ergonomic design, patented appearance, to prevent corrosion and rust, to ensure the cleanliness of the body, modular design, simple, compact and beautiful, small footprint, with a door in the front, easy to repair and maintain.
 - 2.4、 The high-pressure pump and reverse osmosis membrane components are made of big-name brands. The membrane components use high-density reverse osmosis membranes and have a certain degree of anti-pollution ability. The desalination rate of the membrane components of this system can reach up to 99.5%, and the stable desalination rate is not less than 98%. The pressure of the stainless steel vertical high-pressure pump fully meets the requirements of the membrane components, and the whole system is efficient and water-saving.。
 - 2.5、 The pure water pump uses a stainless steel pump to keep the water pure, and has a pressure balancer to keep the water supply pressure

stable. The water supply system is controlled by the water tank level and pressure controller, with stable output and uninterrupted water flow during use. In the event of a water supply failure, the water supply can be automatically switched to ensure uninterrupted water supply. .

2.6、 The system has a special control program, adopts patented design and has corresponding patent certificates and software copyrights to protect the safe operation of the host system. The whole system adopts PLC control and runs automatically without manual intervention.

2.7、 The touch screen displays the operating status of the equipment. It can display various parameters such as pressure, pure water flow, wastewater flow, raw water conductivity, RO conductivity, water temperature, reverse osmosis desalination rate, and high pressure. .

2.8、 The system has alarm function, including startup self-check, water shortage alarm, water tank full alarm, and water quality exceeding standard alarm; if the raw water pressure is too low or there is water outage, the water machine will automatically shut down for protection and send out sound and light alarm.