



Reverse osmosis pure water machine for pharmacy and medicine

Brief introduction

RO-Y series reverse osmosis pure water machine for medicine is suitable for preparation, dispensing, infusion and injection water preparation of various pharmaceutical enterprises. In order to meet the strict requirements of medical water, the unit has developed a series of special reverse osmosis water



treatment equipment for medicine by using its own advantages and long-term practice. The world's most advanced reverse osmosis membrane elements, pressure vessels and high-pressure pumps are adopted, together with reasonable and efficient pre-treatment equipment and post-treatment fine desalination equipment. The configuration of the equipment and the quality of product water fully comply with GMP standards.

Operating parameters:

Water production: 0.5m³/h ~ 100m³ / H-Set

Outlet water resistivity: 2-16 m Ω. Cm

Recovery: 75%

Operating pressure: 1 MPa ~ 1.5MPa

Function:

American ultra-low pressure coiled composite reverse osmosis membrane with high desalination rate and low operating pressure has excellent water quality, low operating cost and long service life.

Imported high-pressure pump with high efficiency, low noise and excellent quality.

The on-line product water conductivity meter can monitor the water quality at any time.

Flow meters are set for product water and concentrated water to monitor the water output and recovery rate of the system.

The front and rear pressure gauges of the fine filter and the front and rear pressure gauges of the reverse osmosis membrane can continuously monitor the pressure difference between the reverse osmosis membrane and the fine filter, indicating when it needs to be cleaned or replaced.

The high-voltage switch protects the reverse osmosis membrane from damage due to high pressure.

The low-pressure switch protects the high-pressure pump from damage due to the stop of water supply.

The stainless steel regulating valve can regulate the water output and system recovery rate at

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any time.

The standard program automatic control system can reduce the membrane pollution rate, prolong the service life of the membrane and ensure the stable and reliable effluent quality of the system.

Equipment model and specification:

Model	Water yield (m ³ /H)	Motor power (kw)	Inlet size (inch)	Size (cm)	Weight (kg)
RO-Y-0.5	0.5	1.50	3/4"	50x66x155	140
RO-Y-1	1	2.20	1"	160x66x155	250
RO-Y-2	2	4.00	1"	250x70x155	360
RO-Y-3	3	4.00	1.5"	250x70x155	560
RO-Y-5	5	8.50	2"	250x90x155	600
RO-Y-8	8	10.00	2"	360x80x155	750
RO-Y-10	10	11.00	2"	460x80x155	800
RO-Y-15	15	16.00	2.5"	460x100x155	840
RO-Y-20	20	22.00	2.5"	460x100x155	1540
RO-Y-30	30	37.00	3"	660x100x160	2210
RO-Y-40	40	45.00	4"	660x100x160	2370
RO-Y-50	50	55.00	5"	660x162x200	3500
RO-Y-60	60	75.00	6"	660x162x200	950
RO-Y-80	80	90.00	8"	660x180x200	4500
RO-Y-100	100	110.00	10"	660x220x200	5700