

SASTEC Medium-RO Reverse Osmosis System (Tap Water Inlet)



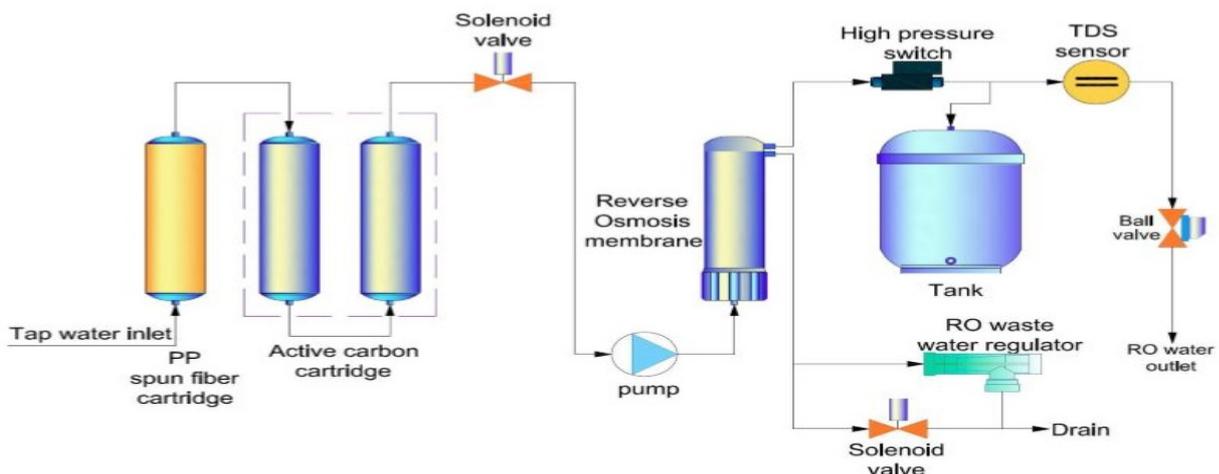
SASTEC-RO series is economic choice for general washing pure water. Its output ranges from 45 to 125 liters/hour, and its ion rejection rate:96%-99%(new RO membrane),organic rejection rate>99%(when mw>200 dalton),particles and bacteria rejection rate>99%.

It meets the requirements of water for production technology and general glassware washing. What's more, it is suitable for feed of ultrapure water system, autoclave sterilizer, constant temperature and humidity chamber, salt spray test chamber, dampening machine and etc.

Applications:

- Feed of ultrapure water system Glassware washing
- Components washing
- Water for production technology
- Feed of autoclave sterilizer, constant temperature and humidity chamber, salt spray test chamber, dampening machine and etc.

Flow Schematic



Specification of SASTEC Medium-RO Reverse Osmosis

Model	ST-RO300	ST-RO400	ST-RO600	ST-RO800
Feed Water Requirements*	Tap water: TDS<200 ppm, 5-45°C, 1.0-4.0Kg/cm ² (Extra pretreatment filter is recommended, if TDS>200ppm)			
Flow procedure**	PF+AC+RO+AC			
RO water quality:				
Ion rejection rate	96%-99% (New RO membrane)			
Organic rejection rate	>99%, when MW>200 Dalton			
Particles and bacteria rejection rate	>99%			
Bacteria rejection rate	<0.1cfu/ml (with optional 0.2µm PES terminal filter)			
Particles(>0.2µm)	<1/ml (with optional 0.2µm PES terminal filter)			
Output(25°C)***	45 Liters/ Hour	63 Liters/ Hour	94 Liters/ Hour	125 Liters/ Hour
Pure water outlet	1: RO water			
Dimension (L x W x H) mm	640L x 540W x 1110H mm			
Weight	About 70Kg			
Electric requirements	AC110-220V, 50/60Hz, 120W		AC110-220V, 50/60Hz, 240W	
Water quality monitor	Portable TDS/ Conductivity test pen + on-line conductivity monitor			
Standard configuration	Main body (Including 1 set of cartridges) + 2 built-in 15 liters tank + TDS pen + Accessory bag			

* The feed water quality will influence the pure water's quality and cartridges' life-span

** PF: Polypropylene spun fiber,
AC: Active carbon, RO:
Reverse osmosis.

*** All the specifications are tested under the situation: feed water's TDS=200ppm, 25°C, 50psi and 15% recovery rate.