

Design your Kitchen


M9-STP-RO WATER FILTRATION SYSTEM



M9-STP-RO Water Filtration System

Operation Conditions :

System Pressure	10 - 85 psi (0.7 – 6 kgf/cm ²)
Temperature	64-100°F (1-38°C)
pH range	3.0 - 11.0
Maximum Supply TDS Level	2,000mg/L
Turbidity	<1.0 Net Turbidity (NTU)
Hardness (CaCo ₃)	< 350 mg/L (<20 gpg)
Iron (Fe)	<0.1 mg/L
Manganese (Mn)	<0.1 ppm
Hydrogen Sulfide(H ₂ S)	0.00 mg/L
Chlorine (C ₂)	<0.1 ppm
Input voltage	AC 100~120V or 220~240V / 50~60Hz
Output voltage	DC 24V. 1.2A



Filter Cartridges Specifications :

[STAGE 1 : SEDIMENT FILTER]

Operation Conditions

- Flow rate : 0.5GPM(1.9LPM)
- Function : mechanical reduction
- Flushing : 5 minutes

[STAGE 2&4 : CARBON BLOCK FILTER or GAC FILTER]

Operating Conditions

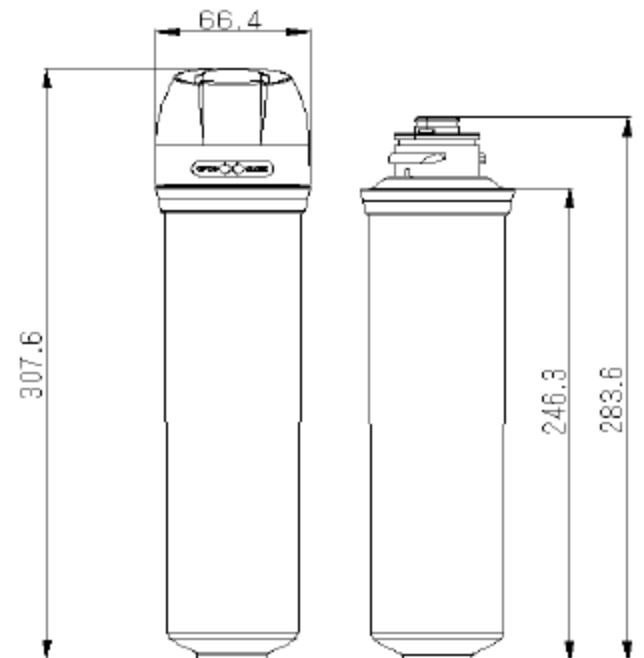
- Flow rate : 0.5GPM(1.9LPM)
- Function : Chemical / mechanical reduction
- Capacity : 1,500 Gallons
- Flushing : 5 minutes

[STAGE 3 : RO MEMBRANE FILTER]

Operation Conditions

- Flow rate : 50GPD
- Function : RO membranes
- Flushing : 30 minutes

Filter Cartridges Dimensions :



Unit : mm

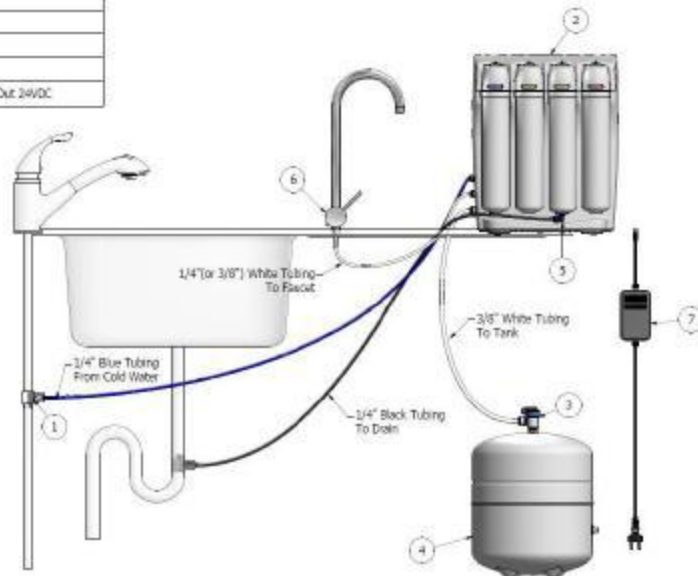
* **Note** : Capacity is depending on local water conditions and level of pre filtration.

* **Caution** : Do not use this system where the water is microbiologically unsafe or of unknown quality.

M9-STP-RO Water Filtration System

Typical Installation Diagram

1	Feed Valve	
2	M9 Countertop	Sed + Pre + Mem + Post
3	Valve	
4	Storage Tank	
5	Flow Restrictor	
6	Faucet	
7	Transformer	Out: 24VDC



* Booster pump is inside of M9 countertop.

System Dimensions



unit : mm