

# AIM WATER TREATMENT

## WALL MOUNTED

### REVERSE OSMOSIS SYSTEM

Reverse Osmosis(RO) is based on the principle that in water, the majority of dissolved salts, organics, bacteria and suspended solids are unable to physically pass through the membrane and are retained in the concentrate.

Of the many configurations of membranes used in RO plants, spiral wound membrane is proven to be effective in many ways

### SYSTEM INCLUDES

Feed Line Isolation
Pre Filter – 5 Micron Cartridge Filter
Sedimentation Filter
Pre-Activated Carbon Filter
High Pressure Booster Pump
RO Membrane
Post Activated Carbon Filter
Reject Control Valve



### DOMESTIC RO SYSTEM & OPERATING LIMIT

Recovery	35 ~ 45 %
Operating Temperature	< 35 ° C
Electrical Power	240V/ 50Hz; Single phase
Adaptor	24 V
Max. SDI (15min.)	< 5
pH Range	5-8
Feed Max. Turbidity	< 1.0 NTU
Chlorine Concentration	< 0.1 ppm

#### CONTACT ADDRESS

No 13,3<sup>rd</sup> Main Road  
Ramakrishna Nagar,  
Aadhambakkam, Chennai-88  
Contact: 097897 14220  
098949 79258

E-Mail:

[aimwatertreatment@gmail.com](mailto:aimwatertreatment@gmail.com)

[Proposal@aimwater.in](mailto:Proposal@aimwater.in)

[www.aimwater.in](http://www.aimwater.in)

### MEMBRANE SPECIFICATION

Type	TFC (Thin Film Composite)
Material	PA (Polyamide)
Charge	Negative
Configuration	Spiral-Wound, FRP Wrapping
Membrane Size	Diameter 2" x Length 10"
Flow Capacity	10 LPH
Plant Operation	Fully Manual Plant

#### Supply & Service

Micron filters  
Ultra Filtration Unit  
RO Purifiers  
Colour r& Odour Removing Unit  
UV Sterilizer (Ultra Violet)  
Iron Removal Unit  
All Drinking Water Purifiers

