

SATHYA SAI

RO WATER FILTRATION PLANT



250 LPH to 10000 LPH

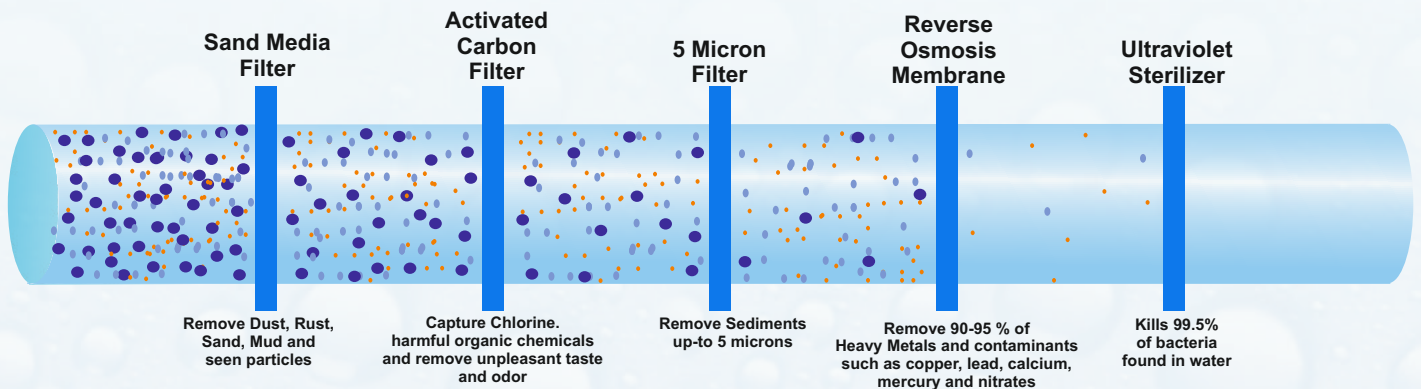
RO Water Filtration Plant

APPLICATION :-

Ice making Machine
Boiler feed water requirement
Drip Irrigation water System
Alkaline high pH water system
Package pure drinking water
Portable safe drinking water
Sea Water Desalination system
Food & Beverage Industries
Solar geyser make up water
Cooling water make up water
Effluent Water Treatment Plant
Hotels, Resorts and Restaurants
Laboratory and analytical testing
Community water vending machines
Community water vending machines
School, Colleges, Mess drinking Water
Dialysis requirement in Hospitals

BENEFITS :-

Low Energy Consumption
HPS for Safety of Membrane
UPVC pipeline for high durability
Tailor Design as per customer need
Auto Flushing with adjustable timer.
Overload Shut down of Feeder Pump
LPS for Safety of High Pressure Pump
Digital Conductivity / TDS online display
Average Rejection of Ions up-to 90-95 %
Rotameters for balance the Treated water
Membrane cleaning system for better life.
Doing System for balance pH level in water
Microprocessor based Fully Automatic Panel
Overload Shut down of High Pressure Pump
Auto Manual Switch to easy operate System
Pressure meters for online running pressure
Philips UV Sterilizer to ensure high reliability
Anti Scalent Dosing for longer membrane life
High Efficiency Pre filter media and Spun filters



Contamination T.D.S	Long Term Disease	Pre - Filter	Carbon	Ultra Violet	Ozonation	Boiling	RO Membrane
Sodium	Heart Disease	No	No	No	No	No	Yes
Calcium	Kidney Stone	No	No	No	No	No	Yes
Magnesium	Kidney Stone	No	No	No	No	No	Yes
Lead	Damage to Nervous System	No	No	No	No	No	Yes
Copper	Gastrointestinal Tract Irritant	No	No	No	No	No	Yes
Mercury	Kidney Impairment, Possible Death	No	No	No	No	No	Yes
Nitrate	Potential Poisoning in Infant	No	No	No	No	No	Yes
Bacteria	Bacteria Disease	No	No	Yes	Yes	Yes	Yes
Pyrogen	Fever	No	No	No	No	No	Yes
Virus	Viral Disease	No	No	No	No	No	Yes
Floride	Fluorosis	No	No	No	No	No	Yes
Arsenic	Effect to Nervous system	No	No	No	No	No	Yes



SATHYA SAI AQUA PURA SERVICES



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