



OM JYOTI ENGINEERING ENTERPRISES

PURITY IN EVERY DROP



QUALITY
PRODUCTS



TIMELY
DELIVERY



RELIABLE
PERFORMANCE



CUSTOMER
SATISFACTION

EFFICIENT SOLUTION FOR HARD WATER PROBLEMS



MULTI VESSEL AUTOMATIC

WATER SOFTENING PLANT

Advanced Technology For Consistent Soft Water



REMOVES
HARDNESS



PROTECTS
EQUIPMENT



LOW
MAINTENANCE



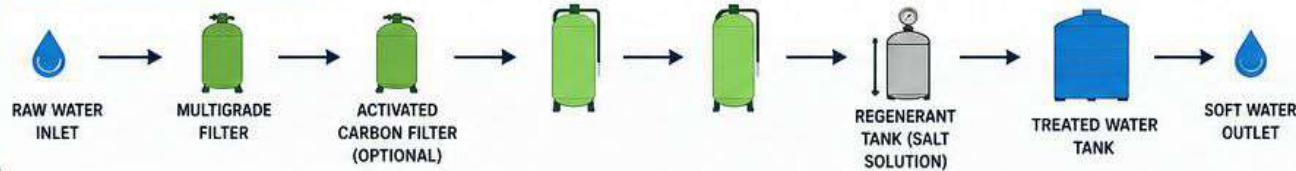
ECO
FRIENDLY



FULLY
AUTOMATIC



PROCESS FLOW DIAGRAM



SIZE AVAILABLE (STANDARD MODELS)

MODEL	OJE-WS-1000	OJE-WS-2000	OJE-WS-3000	OJE-WS-5000	OJE-WS-7500	OJE-WS-10000	OJE-WS-15000	OJE-WS-20000	OJE-WS-30000	OJE-WS-50000	OJE-WS-100000
CAPACITY (LPH)	1000	2000	3000	7500	7500	10000	15000	20000	30000	50000	100000
TANK SIZE (INCH)	10 x 54	12 x 52	14 x 65	16 x 65	18 x 65	21 x 62	24 x 72	30 x 72	36 x 72	42 x 72	63 x 86

Note: Customized design available as per raw water analysis and customer requirement.

SPECIFICATIONS

Technology	: Ion Exchange Process
Application	: Boiler Feed Water, Cooling Tower, Process Water & Domestic Use
Raw Water Hardness	: Upto 2000 ppm (as CaCO ₃)
Treated Water Hardness	: < 10 ppm (as CaCO ₃)
Flow Rate	: 1000 LPH to 100 KLPH (Customizable)
Operating Pressure	: 2.5 to 4.0 kg/cm ²
Operating Temperature	: 5°C to 45°C
pH Range	: 6.5 to 8.5
Power Supply	: 230 V AC / 50 Hz
Regeneration	: Automatic / Manual
Regenerant Used	: Common Salt
Control Valve	: Automatic Multiport Valve
Material of Construction	: FRP / MSRL / SS 304 / SS 316 (Customizable)
Mounting	: Skid Mounted / Floor Mounted

KEY BENEFITS

- ✓ Removes hardness causing calcium and magnesium ions.
- ✓ Prevents scaling and improves efficiency of boilers & heat exchangers.
- ✓ Enhances life of equipment and reduces maintenance cost.
- ✓ Provides consistent soft water quality.
- ✓ Fully automatic operation with minimum supervision.



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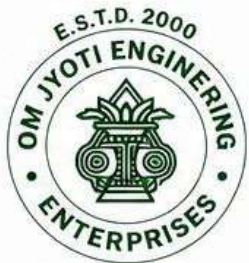


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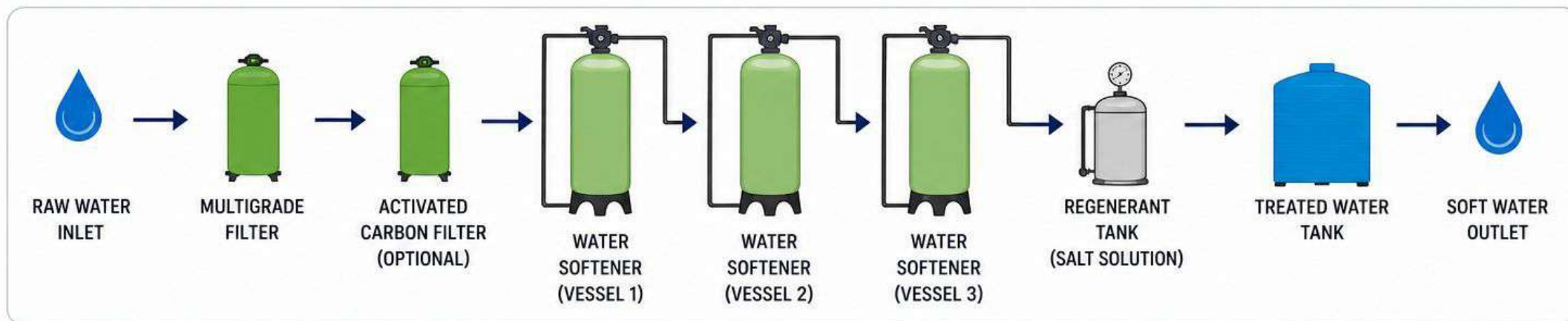
CUSTOMER SATISFACTION

EFFICIENT SOLUTION FOR HARD WATER PROBLEMS



WATER SOFTENING PLANT | MULTI VESSEL AUTOMATIC SYSTEM

PROCESS FLOW DIAGRAM



NOTE:

- The water passes through pre-filtration (Multigrade Filter) to remove suspended particles.
- (Optional) Activated Carbon Filter removes chlorine, odor, and organic impurities.
- Water then flows through multi vessel softener units (Ion Exchange Process) to remove hardness causing calcium and magnesium ions.
- Softened water is collected in the treated water tank and supplied for use.
- Regeneration is done automatically using brine solution (Common Salt) to restore the resin capacity.

BENEFITS

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CONTACT US

We are always happy to assist you. Get in touch with us for inquiries, orders or any assistance.

GET IN TOUCH WITH US



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WEBSITE

www.omjyoti.co.in



WORKING HOURS

Monday to Saturday
9:00 AM to 6:00 PM



OUR LOCATIONS



UNIT 1 (HEAD OFFICE & WORKS)

D-239, Sector-10,
Noida - 201301,
Uttar Pradesh, India



UNIT 2 (MANUFACTURING UNIT)

Plot No-336, Ecotech-III,
Udyog Kendra-2, Greater Noida,
Uttar Pradesh, India

OUR SOLUTIONS

- ✓ Water Treatment Plants (WTP)
- ✓ Sewage Treatment Plants (STP)
- ✓ Effluent Treatment Plants (ETP)
- ✓ Fire Fighting Systems
- ✓ Mineral Water Plants
- ✓ Pumps & Motors
- ✓ Automation & Control Panels
- ✓ Operation & Maintenance

WHY CHOOSE US

- ✓ 25+ Years of Trusted Engineering Excellence
- ✓ 1000+ Happy Customers
- ✓ Customized Turnkey Solutions
- ✓ Strong After-Sales Support
- ✓ PAN India Execution Capability



WE ENGINEER TRUST  WE DELIVER QUALITY  WE BUILD LONG TERM RELATIONSHIPS



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