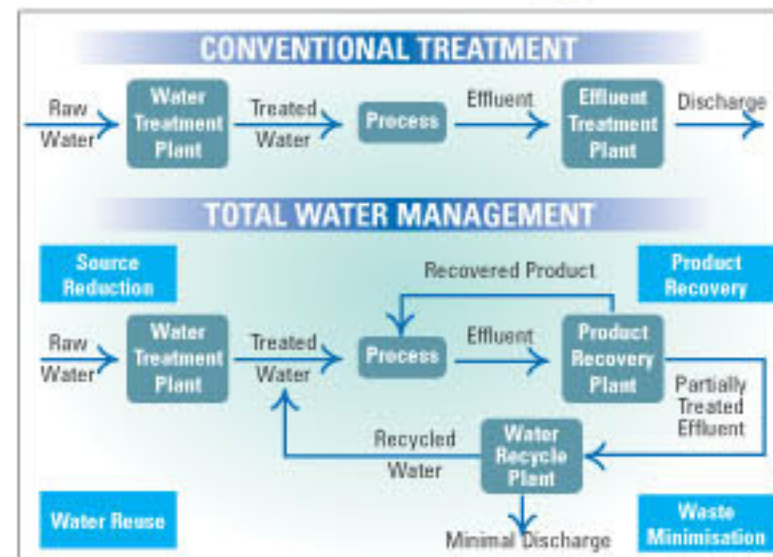


Experience the Gains of Total Water Management

Our recycle solutions integrate physico-chemical, biological and membrane separation processes for optimum water recovery. They include advanced effluent treatment processes, micro filtration, ultra filtration, nano filtration and reverse osmosis systems, membrane bio-reactors and advanced photo-chemical oxidation.



At Ion Exchange India we have specialised in water and waste water treatment for close to four decades. A pioneer in this field, we are one of few companies worldwide with the complete range of water and waste water technologies, products and services. This enables us to offer single source, total solutions which are backed by strong service support and an unmatched reputation for reliability and quality.

If you would like our representative to call on you to tell you more about our total water management solutions and discuss your specific needs, please contact the office nearest to you.



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FACTORIES

- Ankleshwar • Hosur • Patancheru • Rabale • Verna

ALL-INDIA NETWORK OF SERVICE COMPANIES AND DEALERS

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Systems



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INDION

Membrane Bio-reactor

Bulletin WWT003R



You see
effluents
We see
Profits
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THE POWER
BEHIND WATER
(INDIA) LTD
Total Water Management

10052K

Pollution and increased demand have made good quality water scarce and expensive, both in terms of direct cost of water and the effect of unsuitable water on plant economics and product quality. Meanwhile disposal norms are getting tighter and their enforcement stricter. *This is where Ion Exchange India can help you.*

Water Recycle... good for your bottom-line and good for the environment too

Our effluent recycle solutions are an effective and economical way of solving your water scarcity problems. Helping you to conserve vast volumes of water while protecting the environment by reducing pollution. Industries that have installed our effluent recycle systems have gained a good payback on their investment:

- Assured availability of water for process needs as well as low end uses.

- Less requirement of fresh water and lower water costs
- Additional savings through recovery of valuable by-products for re-use in process
- Compliance with pollution control regulations and a clean environment through reduced effluent discharge
- For new projects, incorporation of recycle also considerably reduces capital investment on water treatment

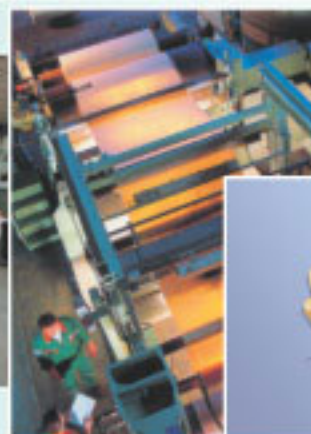
See how our
customers
have benefitted...



- A leading fertiliser company in North India has installed a recycling plant, design capacity 128 m³/h. Cooling tower blowdown and regenerant waste from the demineralisation plant are recycled and used in process.
- A leading electronics company in Rajasthan will be the first company in India to use recycled effluent to produce treated water with resistivity > 10 mΩ-cm.
- Two multi-national joint venture engineering component manufacturers in Jamshedpur have installed oil waste effluent treatment recycling systems, thereby minimising discharge and reusing water for process application.



- Several textile processing units in southern India have installed membrane systems to recycle process effluents and recover valuable by-products.
- A two wheeler giant in Aurangabad is benefitting by Rs.12 lakhs every year by recycling 720 m³/day of effluent, with a two-year payback period.
- A multi-national engineering company in North India has opted for total water management, thereby recycling/reusing 93% of effluent for process application.



- A large petrochemical refinery in Chennai is saving 200 m³/h of fresh water by recycling their process effluent using a combination of ultra filtration & reverse osmosis technologies. The cost of the recycled water is less than half that of fresh water.
- A global leader in the manufacturing of bleaching earth, located in water starved Kutch region, installed a recycling plant to reuse process effluents.
- A pharmaceutical company in Pune is saving Rs. 36 lakhs a year on fresh water by recycling 2200 m³/day of effluent for process, with a payback period of two years.

- A chemical manufacturing company near Mumbai has installed two membrane bio-reactors, each of 295 m³/day capacity, for treating and recycling process and utility effluents respectively.
- A speciality paper manufacturing company has invested Rs. 300 lakhs to recycle its white water effluent. The benefits - uninterrupted and good quality water supply of 500 m³/h, recovery of fibres worth Rs. 6.3 lakhs a month, compliance with disposal regulations - all this with a payback period of two years.
- A major cement company in Western India is recycling 480 m³/day of cooling tower blowdown and other effluents for its process water and cooling tower requirements.

We have the largest number of installations for water recycle in India