

SCALE & BIO REMOVER



NON-CHEMICAL TREATMENT FOR COOLING TOWER

SAVE WATER. HELP ENVIRONMENT.



WATER CONSERVATION – Key concern for every business

Water reduction, reuse and recycling investments often have quick paybacks, especially when one considers the multiple business benefits water efficiency can provide - lower operation costs, comply with ecological concern, reduce carbon footprint and improve company's environmental performance.

MAINTENANCE CHALLENGE FOR COOLING WATER SYSTEMS

Cooling system water quality directly affects the reliability, efficiency and operating cost of industrial or institutional cooling system.

Factors such as Corrosion, Scale, Bio-fouling and Algae in cooling water results in reduced cooling efficiency, high electricity and water consumption, unnecessary increased downtime and reduced equipment life expectancy.

THE SOLUTION – SBR™

The Electrochemical Scale and Bio Remover (SBR™)* from CET Enviro prevents scaling, bio fouling, microorganism growth, inhibits corrosion, produces oxidants in the water and prevents the spread of airborne bacteria through electrolysis technique.

SBR™ is so innovative and “Green” that it treats the water without the use of chemicals.

BENEFITS

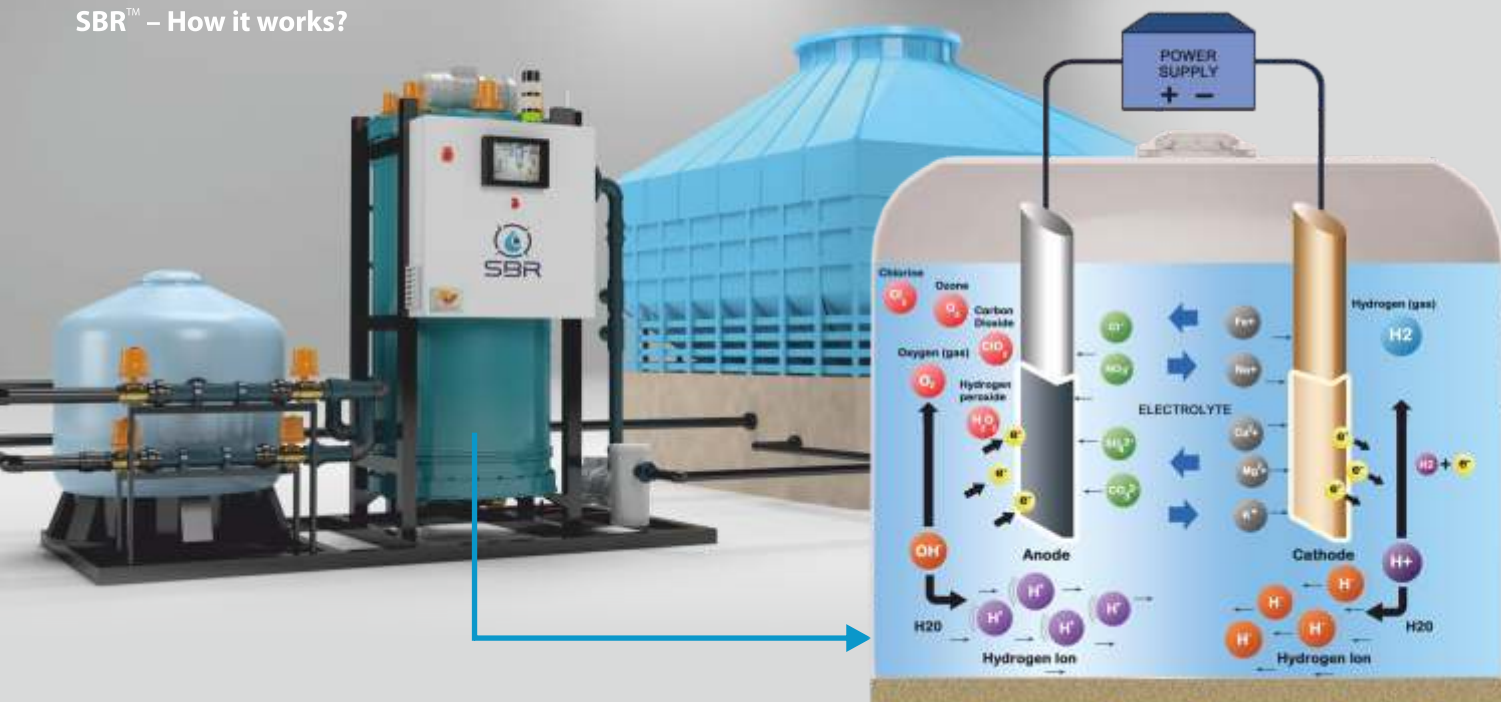
FULLY AUTOMATIC

CHEMICAL - FREE
TREATMENT

ATTRACTIVE ROI

SAVES WATER

SBR™ – How it works?



The SBR™ System is connected to the cooling system or the cooling tower externally so no intervention in the system is needed and this system is installed swiftly. Side-stream filter is also intergrated in the SBR™ system.

The reaction tank is connected to the cooling tower via a circulation pump. The water is circulated from the cooling tower basin to the reaction tank and back to the cooling tower through integrated side stream filter.

Save up to 60% on operational cost

- 💧 100% savings on chemicals
- 💧 20% - 40% decrease in water usage
- 💧 5% - 15% lower energy cost
- 💧 10% - 50% reduction in labor cost

Green Technology – Saves water and electricity

- 💧 No chemical feeds or discharge
- 💧 Water can be recycled and reused
- 💧 Works on double COC as compared to chemical treatment

Scale Biological and Corrosion Control

- 💧 All precipitation of salts occurs in the reaction chamber
- 💧 No scale in the system heat exchangers
- 💧 Control over corrosion potential due to low aggression of water

Longer system lifespan

- 💧 Cooling system works better and longer

Full control and supervision

- 💧 Performance is monitored with complete control of all parameters including conductivity and pH levels

YEARLY SAVINGS WITH SBR™

