

# Cooling Tower

## Water Conservation Solution



Sidon Water is committed to developing sustainable solutions which conserve valuable water resources and positively impact our environment.

# The Problems

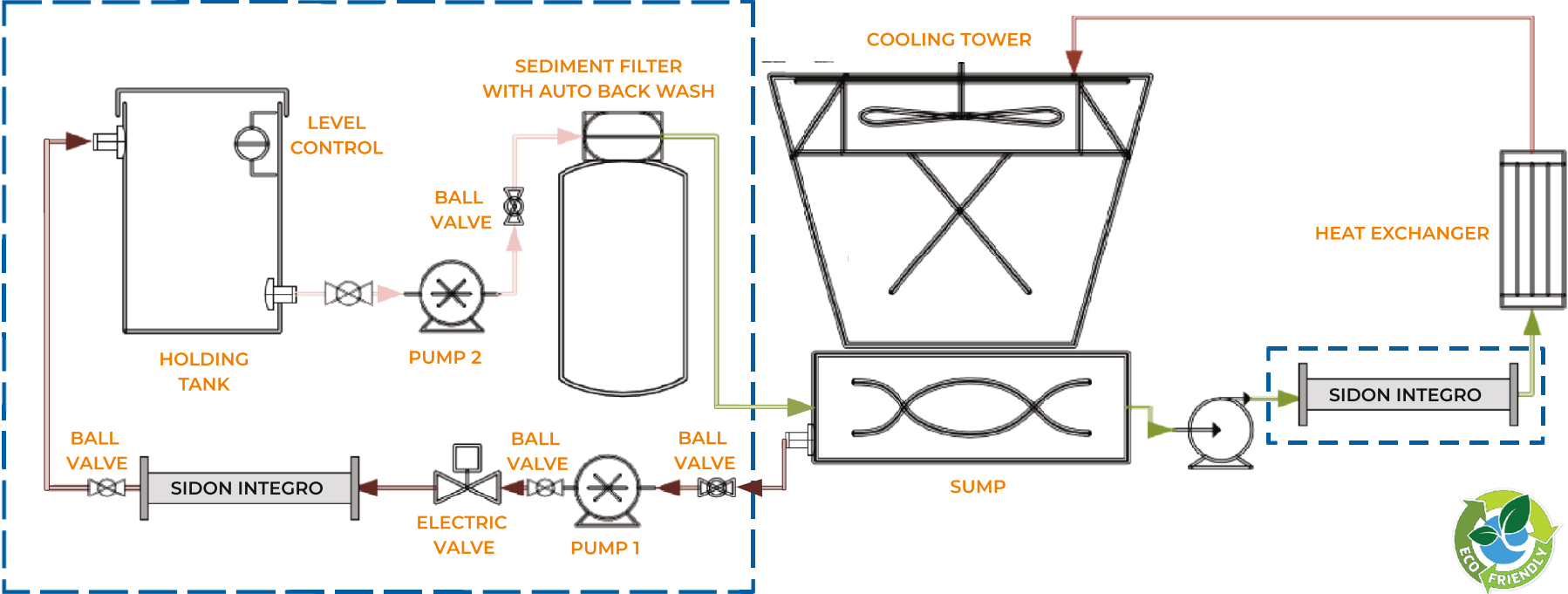
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- ⊕ Significant Water Consumption
- ⊕ Excessive Chemical Use
- ⊕ Limescale Build-Up
- ⊕ Loss of Efficiency in Heating and Cooling Systems
- ⊕ Significant Bacteriological Issues
- ⊕ Rust & Corrosion



# Our Solution








## Cooling Tower Water Conservation Solution



Installed and maintained **minimal disruption** to operations of the cooling tower.



# Solutions Comparison

Features	Sidon Water's Solution	Other Chemical-Free Systems	Conventional Chemical Treatment System
Corrosion Control			
Limescale - Prevention & Removal			
Maintenance Free			
No Chemical Cleaning Required			
Environmentally Friendly			
Water Savings	Estimated 70%- 80%	Estimated 20%- 50%	0%
Energy Savings	Estimated 10%- 30%	Estimated 5%- 15%	

# Key Benefits

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- ④ 70- 80% Reduction in Water Consumption
- ④ Significant Reduction in Chemicals
- ④ Reduced Energy Consumption
- ④ Prevention & Removal of Limescale
- ④ Improved Heat Transfer & Efficiency
- ④ Rust & Corrosion Control



# Questions?