

THE BOILER INDUSTRY NO LONGER NEEDS CHEMICAL OXYGEN SCAVENGERS

OXYLOCK®

THE END OF CHEMICAL OXYGEN SCAVENGERS

Oxygen Removal System for Heating
Systems & Steam Boilers

Developed by Watch Water® GmbH – Mannheim, Germany

STOP DOSING TOXIC CHEMICALS

- | | |
|----------------------|---|
| ⊗ Hydrazine | ⊗ Toxic and hazardous substances |
| ⊗ Carbohydrazide | ⊗ Continuous chemical dosing required |
| ⊗ DEHA | ⊗ High operational costs |
| ⊗ Sodium Sulfit | ⊗ Chemical storage and handling risks |
| ⊗ Sodium Erythorbate | ⊗ Sludge formation and system contamination |
| ⊗ Tannins | ⊗ Environmental impact |



INTRODUCING OXYLOCK®

THE INTELLIGENT OXYGEN REMOVAL TECHNOLOGY

OxyLock® removes dissolved oxygen directly from the water using a highly advanced adsorption media installed inside a pressure vessel.

OXYLOCK® ADVANTAGES

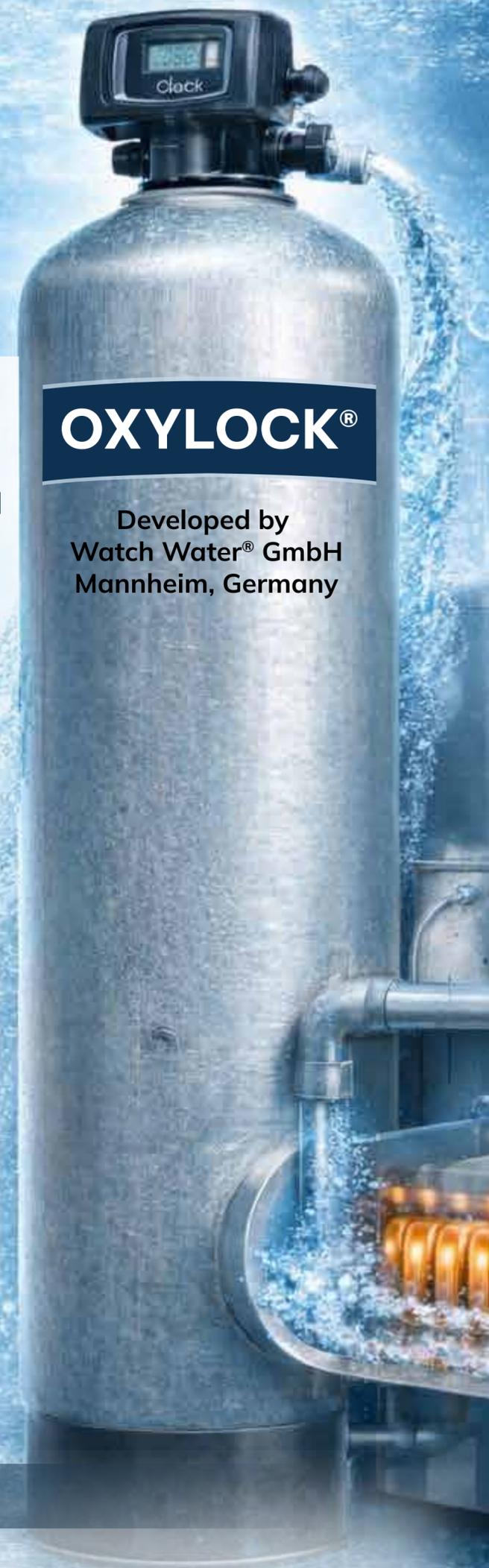
- ✓ No Hydrazine
- ✓ No Sulfit Dosing
- ✓ No Toxic Chemicals
- ✓ No Chemical Storage
- ✓ No Dosing Pumps
- ✓ Lower Operating Costs
- ✓ Environmentally Friendly Technology
- ✓ Long Service Life

SYSTEM DESIGN

- ✓ Industrial Pressure Vessel
- ✓ Automatic Clock® Control Valve
- ✓ OxyLock® Oxygen-Binding Media
- ✓ Continuous Feed Water Treatment

APPLICATIONS

- ✓ Steam Boilers
- ✓ Industrial Boilers
- ✓ District Heating Systems
- ✓ Closed Heating Circuits
- ✓ Power Plants
- ✓ Process Heating Systems



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TECHNICAL DATASHEET

Parameter	Details
Name	AQUARedox
Technology Type	High-Resolution Redox-Media
Material	High-Class Activated Coconut Carbon
Structure	MOFs (Metal-Organic Frameworks)
Coating	70% Copper-Coating + 30% Zinc-Coating
Appearance	Granular, Dark Grey/Black
Regeneration	Fully regenerable with Oxydes-P
Safety	Non-Toxic, Environmentally Safe

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WATCHER®
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