

# Combating Legionella & Pseudomonas in Water systems

## Safe and future-proof solution

- Salt – Water – Electricity, the only ingredients to produce Neuthox®
- No hazards for storing or using Salt – Water and Neuthox®
- BPR Article 95 listed, biocide product regulation

## Chemical free solution

- Safe and toxic free handling
- No handling of hydrochloric acid or sodium chlorite
- No use of gloves, goggles, chemical resistant suit or respirator
- No requirement for gas detection type systems

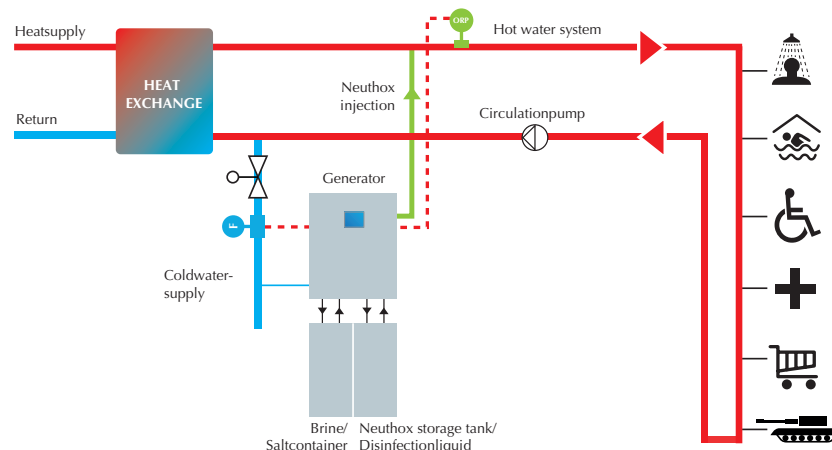
## Cost effective solution

- 4 pence per 10 m<sup>3</sup> treated water.
- One DCW system handling both hot & cold installation, possible multiple injection
- Minimum service and maintenance cost



## Application Areas

- Shower and bathing facilities
- Hospitals
- Hotels
- Schools
- Retirement/Care/Residential homes
- Industrial applications, such as
  - Cooling Tower
  - Pasteuriser
  - Process Water



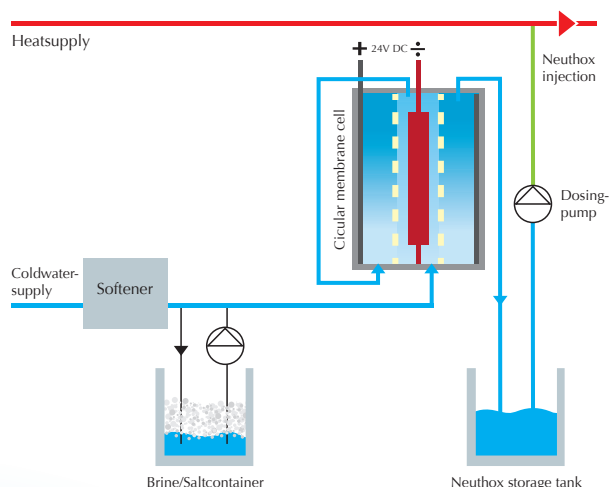
## Generator version and m³ treated water per hour

Generator type	m³ treated water per hour
T10 – 15	0-20
T10 – 30	40
T10 – 50	67
T10 – 75	100
T20- 100	130
T20- 125	167
T20-250	330

*Schematic diagram  
- hot water installation*

## DCW system build up

Included in the delivery	Used to
Complete control within the cabinet	Local control, regulation and monitoring
Water softener	Removing calcium from the process water to produce Neuthox®
ORP sensor	Measurement of the ORP level (Oxidation Reduction Potential)
Salt Container	Sodium chloride container and brine process solution
Neuthox® storage tank	100 litre storage tank for destination liquid
Dosing pump	Dosing of Neuthox® into the water system
Membrane cell	Production of the disinfection liquid Neuthox®
Injection device	To inject the Neuthox® to the water system
External communication	Ethernet, Modbus, GSM or Danfoss ECL 310



*Schematic diagram  
- DCW process*

The brine is used to produce Neuthox® using 2.8 g of salt per m³ of water.  
The DCW solution has no influence on the performance of corrosion, taste or DBP.

## From installation to maintenance

The system can be mounted/installed and maintained by Water Facilities Services Ltd.

## Official sales partner:

**Samro Technik AG**  
Kirchbergstrasse 130  
3400 Burgdorf  
Switzerland  
phone: +41 (0)34 426 55 55  
email: info@samro.ch  
web: www.samro.ch

