

SANITATION SYSTEM FOR Hydroponics Produce Growers

HANNA Instruments sanitation system provides constant monitoring with a simple and proven method to sanitize irrigation water.

The chlorination system can use inexpensive, convenient, and easy to use sodium hypochlorite, calcium hypochlorite, or chlorine gas. To ensure proper control **HANNA** has linked two control systems. One system controls the volume of the sanitizer from 0.00 to 5.00 ppm, and the other is a function of ORP (oxidation reduction potential).

Chlorine is a known effective sanitizer for reducing harmful bacteria such as salmonella and ecoli. ORP allows you to determine if there is safe and adequate sanitation occurring.

Applications

- Purify recycled irrigation water
- Clean algae growing on walls, benches & surfaces
- Produce sanitation

Advantages

- Safe levels of chlorine from 0.00–5.00 PPM is assured
- Constant monitoring of pH, ORP & temp
- Excellent purification results
- Able to use a low cost, readily available sanitizer

Other Features

- Data logging & transfer
- Alarm capacity
- Sanitation reports can be generated

HANNA[®]
instruments

With Great Products, Come Great Results™

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Summary of results from various lab simulation and commercial hydrocooler survey studies

Pathogen/Indicator	Survival at ORP (mV)		
	< 485	< 550 x < 620	> 665
E. coli 0157:H7	> 300 s	< 60 s	< 10 s
Salmonella spp.	> 300 s	> 300 s	< 20 s
L. monocytogenes	> 300 s	> 300 s	< 20 s
Thermotolerant coliform	> 48 h	> 48 h	< 30 s

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Starts at
\$4999

HANNA "Tank" Chlorination System Diagram

