



CLAIRE Technologies



## Quantum Disinfection™ Systems

No chemicals. No power. No pathogens



Made in  
CANADA



Made in  
USA

# QUANTUM DISINFECTION™

All Systems in the catalogue contain the Quantum Disinfection™ ceramics

Produced by CLAIRE Technologies Manufacturing Inc., Quantum Disinfection™ (QD) is a new generation of nano-composite materials with activated surfaces that kills pathogens like bacteria (*E. coli*, *Staphylococcus*, *Legionella*, etc.), viruses (MS2) and protozoa (*Cryptosporidium*) from water, with **no power, no chemicals and no maintenance**.

Quantum Disinfection™ is a revolutionary technology that uses the quantum mechanic principles of electron movements in micro-crystals creating powerful catalysts applied, since 2011, for drinking water purification.



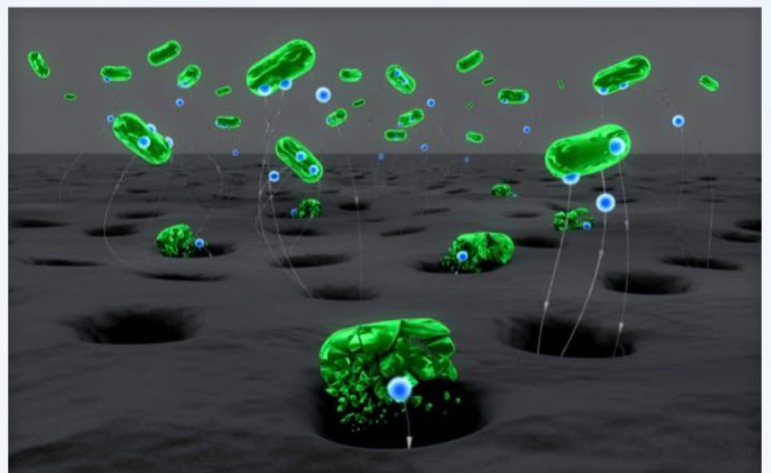
Far from the classical disinfection methods (chlorine, alcohol, bromide, ozone or UV), the QD ceramic catalysts have a discharged surface (a positive quantum field) that attracts electrons. Water simply has to pass over this media and the microorganisms (negatively charged) are **instantly killed**.

Patents:

WO2013007289A1 • US2014120148A1

EP2729001B1 • CN103997890B • CN103997890A

CN106830232A • US9650265B2 • US2016257583A1



The Quantum Disinfection™ Systems are made in USA  
The Quantum Disinfection™ Ceramics are made in Canada





Residential: Under-the-Sink (kitchen and bathrooms) & Refrigerator



Item Part Number	CT02
Applications	Point-of-Use
Power Requirements	None
Quantity of QD ceramics	120 grams
Maximum Flow *	2 GPM
System Dimensions	6 x 2 inch
Maximum Pressure **	125 psi
Capacity	37,000 gallons
Water Temperature	41 - 100 °F
Inlet/Outlet Connections ***	3/8 inch - QC (push in)

- \* The system functions at all water flows up to 2 GPM
- \*\* The system functions at all pressures up to 125 psi
- \*\*\* The 3/8 inch inlet and outlet connections are changeable

Water sources: tap & well





## CERTIFICATIONS

The Quantum Disinfection™ media is:

- NSF Certified Component to NSF/ANSI 42 - Certificate of Listing: C0292640-01
- IAPMO Certified Component to NSF/ANSI 61 - Certificate of Listing: W-10747
- MOH-China Certified Component & Disinfectant - Certificate of Listing: 2015KF2513



The PLATINUM system (or equivalent) is:

- CSA Certified to CSA B4A3.1 & NSF/ANSI 61 : Certificate of Listing: 80080986
- IAPMO Tested to NSF/ANSI P231 - US Water Systems Report N° : AWRTCL/PRTR/14523/18-19



Point-of-Entry System Tested and Certified by CSA Group to CSA B483.1 & NSF/ANSI Standard 61 for Materials Safety, Structural Integrity and Mechanical requirements only.  
Not Certified for Contaminant Reductions by CSA

## IMPORTANT

All systems in this catalog have been independently tested for the reduction of *Escherichia coli* (E. coli) bacteria and MS2 virus from waters pre-treated for drinking.

All systems in this catalog are intended to reduce microorganisms (e.g. E. coli & MS2 Phage Virus) only from waters pre-treated for drinking.

No system in this catalog is intended for the treatment of waters that are not pre-treated for drinking, or can turn raw sewage or wastewater to microbiologically safe drinking water.

- MANUFACTURER of the Quantum Disinfection™ media: Claire Technologies, LLC • Master Contract N° MC 302046
- MANUFACTURER of the systems: Aquamor, LLC



### Claire Technologies, LLC

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