



CREATING A CLEANER, SAFER, HEALTHIER WORLD.

INNOVATION



## ELECTRICALLY CONVERTED WATER

Improve productivity, health, and safety with detergent-free floor cleaning technology



ec-H2O™ technology electrically converts water into an innovative cleaning solution that cleans effectively, saves money, improves safety, and reduces environmental impact\* compared to traditional cleaning chemicals and methods.

#### CLEANS EFFECTIVELY

Scrubbing with ec-H2O™ effectively removes soil based on third-party and customer testing.

#### SAVES MONEY

Reduce costs and improve productivity by eliminating training, purchasing, storing, handling, and chemical mixing tasks and costs.

#### INCREASES SAFETY

NFSI certifies that ec-H2O™ improves floor traction, which can reduce the risk of slip-and-fall incidents. NSF registration ensures the technology is safe to use even in food and beverage handling environments.

#### REDUCE ENVIRONMENTAL IMPACT

ec-H2O™ reduces the impact of cleaning operations on the environment in seven key categories according to a third-party study by EcoForm™.\*

\* Based on a study by EcoForm™. Visit [www.tennantco.com](http://www.tennantco.com) for more information.

# THE RESPONSIBLE WAY TO CLEAN

ec-H2O™ is an Orbio® technology for chemical-free cleaning with floor scrubbers. Orbio Technologies, a Tennant Company Group, is an innovator in sustainable cleaning technologies.



## CONSERVE RESOURCES

ec-H2O™ uses up to 70% less water – and reduces wastewater. That's good for the natural environment – and for your bottom line!



## REDUCE DETERGENTS

Reduce chemicals drained into our waste systems with ec-H2O™ technology while getting the results you need and expect.



## INCREASE SAFETY

- ec-H2O™ is an NFSI certified product; this certification recognizes products that can reduce the risk of slip-and-fall accidents.
- Reduce the possibility of chemical accidents in your cleaning process by minimizing the handling of chemicals.



## IMPROVE AIR QUALITY

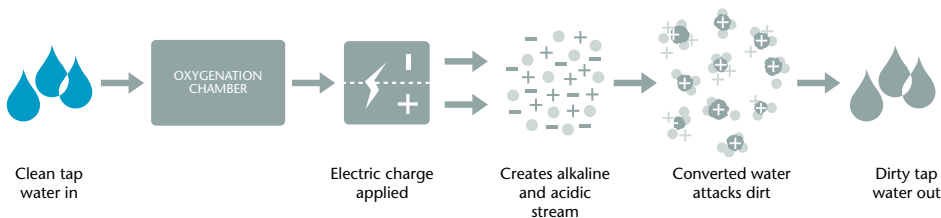
Cleaning without chemicals can reduce odors released into your facility's environment.



## REDUCE COSTS

ec-H2O™ saves money by reducing training, purchasing, storing, and handling of general purpose floor cleaning chemicals.

## IMAGINE CLEANING WITH JUST WATER! HERE'S HOW ec-H2O™ WORKS



## ESTIMATED FOOTPRINT REDUCTION PERCENTAGES FOR ec-H2O™ TECHNOLOGY IN RETAIL AND HEALTHCARE SCENARIOS



CONVENTIONAL FLOOR CLEANERS

77%

Water Pollution

94%

Ozone Depletion  
Acid Rain  
Air Pollution

96%

CO<sub>2</sub> Emissions

97%

Energy

98%

Smog



SOURCE: EcoForm™, an independent sustainability group assessment. Visit [www.tennantco.com](http://www.tennantco.com) for more information about these studies.



"The big thing for me is safety. There's no worrying about employees getting chemicals in their eyes and on their hands."

—Scott Beine, Operations Manager, Target Center

"We realized a payback in the first year on our ec-H2O™ machines and within 8 months, we'll surpass outlay for equipment."

—Phil Riggins, Environmental Services Manager, Howard Community College

"This is the epitome of green cleaning and is much safer for people and the environment."

—ABM branch manager

## AWARDS

Tennant Company's ec-H2O™ technology has been recognized globally with these and other awards:

- "Business Innovation Award," European Business Awards (EBA)
- "Ruban D' Honneur Recipient," European Business Awards (EBA)
- "Top 100 Innovation," R&D magazine
- "Best Eco-Friendly Product," Australian Business Awards
- "Minnesota High Technology Associations's Cleantech Award"
- "Best New Innovation," ISSA Tradeshow

## CERTIFICATIONS

- "High Traction Certification," National Floor Safety Institute
- NSF registration ensures that ec-H2O™ technology is safe to use in food and beverage handling environments

## THIRD-PARTY STUDIES\*

- Aspen Research Corporation – Cleans as well as traditional methods on many soils
- Elliot Study (compared to chemicals they tested) –
  - Removes 5% more organic material
  - Removes 5% more soil
- EcoForm™ – Significantly reduces environmental impact of cleaning operations in seven key categories

\* Visit [www.tennantco.com](http://www.tennantco.com) for more information about these studies.



## SEEING IS BELIEVING

For a demonstration or additional information, send an email to [info@tennantco.com](mailto:info@tennantco.com)

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