



## CASE STUDY



**EASTERN**  
MICHIGAN UNIVERSITY

### The Eagles Soar Higher

Adding the ZONO™ Disinfecting and Sanitizing Cabinet to the Team

## About Eastern Michigan University

Ben Herman, Assistant AD for Equipment Operations, and his assistant Dominic Velotta are always on the hunt, scouting out the best methods for protecting the health and wellbeing of their players on and off the field. When it comes to disinfecting<sup>+</sup> and sanitizing<sup>+</sup>, the times are changing, and high expectations are placed on the staff to make sure that players avoid transmissible pathogens caused by common viruses and bacteria. After becoming more familiar with ZONO Technologies' line of cabinets through annual sports-related conferences, Ben Herman finally made the call to incorporate the ZONO™ into his daily disinfecting and sanitizing routine.

- ✓ The ZONO™ has cut back dramatically on the time it takes to dry players' sweaty equipment.
- ✓ The ZONO™ also benefits departments outside of football equipment management, like athletic training and strength training.
- ✓ The workflow process of loading and unloading the ZONO™ is seamless with the Integrated Mobile Cart System.



"The ZONO™ Cabinet has become the centerpiece and workhorse of our department and our team's disinfecting and sanitizing schedule."

-Ben Herman, Asst. Athletic Director, Equipment Operations

## The Challenge

For Equipment Managers and their assistants, working around team practice schedules and games is hard enough. Throw in developing a fast and efficient disinfecting and sanitizing routine that takes care of 80+ players' sweaty and germ-infested equipment without going into overtime is not an easy play! The staff at EMU had a tough decision to make about an effective disinfecting and sanitizing solution that would best meet the needs of their department. Spraying and wiping equipment just wasn't cutting it anymore. Not to mention, there are so many places that spray sanitizers can't go. They needed a reliable system that would cover all of the bases from reducing offensive odors to killing common viruses<sup>+</sup> and bacteria<sup>+</sup>. The ZONO™ was the clear solution. No need to call an audible.



### Capacity

Find a solution large enough to accommodate the most football equipment at one time without compromising the integrity of the equipment and ability of the machine.



### Ease of Use

Find a solution that is as Easy as 1. 2. 3. to use and works fast to disinfect, sanitize, and dry gear with one machine.



### Sustainable

Find a solution that did not use liquid chemicals or products that can have negative side effects.

## The Solution

After much research and deliberation, Eastern Michigan made the decision to incorporate the ZONO™ Cabinet into their disinfecting and sanitizing routine. Its ease of use, large capacity, additional drying cycle, and effective use of ozone and humidity made their investment well worth the wait. The ZONO™ has provided reassurance to not only the staff, but also to the athletes at EMU. They feel confident in the fact that their daily gear and equipment are routinely disinfected and sanitized. The ability of the staff to turn around germ-ridden, wet and sweaty equipment has changed dramatically with the ZONO™ Cabinet's 38-minute cycle time and fast working drying cycle.

### ✓ Ozone & Humidity

A natural oxidant that can disinfect and sanitize where liquid chemicals and sprays typically cannot, ozone proves to be an effective method in killing 99.9% of common viruses and bacteria. Not to mention that with alternative ozone machines, the odor associated can be offensive and cause discomfort. With the ZONO™, it does not.

### ✓ An Improved Environment

Athletes feel like their staff always have their best interest at heart. With their equipment routinely being disinfected and sanitized, they can worry less about coming in contact with contaminated gear that can negatively impact their health and wellbeing.

### ✓ Integrated Mobile Cart System

Staff can load and unload the ZONO™ with ease. While one cycle is running, the staff can pre-stage another set of carts with gear so that when the cycle is complete, they can begin a new one without any down time.



## The Future

The ZONO™ is already providing benefits to more than just the sports industry. Currently, it is used in child care centers, fitness centers, hospitals, public safety facilities, and more! The future possibilities for the ZONO™ Cabinet's use are endless.

While the ZONO™ was purchased by EMU with the football program in mind, it is also being used by the strength and athletic training staff. **Dominic Velotta stated that "the university's facilities, grounds crew, pool staff, and recreation center could all find great uses for the ZONO™."** The future of the ZONO™ at Eastern Michigan University is very bright.



## Why ZONO Technologies™

ZONO Technologies, the leader in forward-thinking disinfecting\* and sanitizing\* technology. The ZONO™ takes a sustainable, liquid chemical-free approach to benefit its users and the environment. The optional drying element can dry damp and wet gear without damage to equipment. With the Integrated Mobile Cart System, taking items to and from the ZONO™ is a breeze, creating a seamless, efficient workflow.

- ✓ Validated through independent viral and bacterial testing, the ZONO™ kills 99.9% of common viruses\* (disinfecting level) and 99.9% of common bacteria\* (sanitizing level).
- ✓ The ZONO™ disinfects and sanitizes surfaces in just 38-minutes. From helmets, shoulder pads, and balls, to weights, jerseys, mats, and more!
- ✓ Various size models and cart configurations make it easy to customize the ZONO™ to fit your everyday needs.



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\*Disinfecting Level (kills 99.9%): Norovirus, Influenza-A and Respiratory Syncytial Virus on non-porous surfaces.

\*Sanitizing Level (kills 99.9%): Staphylococcus aureus, Methicillin-Resistant Staphylococcus aureus, Escherichia Coli, Streptococcus Pyogenes, Shigella dysenteriae, Salmonella Enteritidis, and Pseudomonas Aeruginosa on non-porous, semi-porous and porous surfaces.

\*Three cents of electricity is based on a standard disinfect and sanitize cycle for the SC1 and SC2 ZONO™ Cabinets using an energy cost of 16.8 cents per kilowatt hour. SC1 and SC2 ZONO™ Cabinets with optional Heat use thirty-eight cents of electricity per 90-minute cycle and the Dry cycle uses thirty-nine cents of electricity per 90-minute cycle using an energy cost of 16.8 cents per kilowatt hour.

\*\*Less than one ounce of water per cycle is based on a standard disinfect and sanitize cycle for the SC1 and SC2 ZONO™ Cabinets.