

## College Athletic Facility

A Division 1, Power 5 football program was looking for technology solutions to provide a safe and healthy environment for its student athletics and staff. AIRPHX deployed a single PA2400 unit in the athletic training facility (300,000 cubic feet) and did testing to show the effects of AIRPHX technology.

- Equipment: One AIRPHX PA2400
- Testing Dates
  - Pre-Treatment: 9/27/2019
  - In-Treatment: 2/29/2020
- Size: 20,000 sq ft; 15 ft ceilings
- Air and surface testing was conducted throughout the entire building
  - Lab testing of 11 locations confirmed reduction of airborne pathogens by an average of 97.9%
  - Lab testing of 9 locations confirmed reductions of surface pathogens by an average of 97.7%

\* A CFU is a colony forming unit, which is used in microbiology to estimate the number of viable bacteria or fungal cells in a sample.



Air | **97.9% reduction of pathogens**

Pre-Treatment Results\*: 427 cfu/m<sup>3</sup>

In-Treatment Results: 9 cfu/m<sup>3</sup>

Surface | **97.7% reduction of pathogens**

Pre-Treatment Results: 56.2 cfu/cm<sup>2</sup>

In-Treatment Results: 1.3 cfu/cm<sup>2</sup>