

## Healthcare Facility

A senior living facility was looking for technology solutions to provide a safe and healthy environment for its residents and staff. AIRPHX deployed a single PA2400 unit in the building (300,000 cubic feet) and did testing to show the effects of AIRPHX technology.

- Equipment: One AIRPHX PA2400
- Testing Dates
  - Pre-Treatment: 6/18/2020
  - In-Treatment: 7/9/2020
- Size: 30,000 sq ft; 9-11 ft ceilings
- Air and surface testing was conducted throughout the entire building
  - Lab testing of 14 locations confirmed reduction of airborne pathogens by an average of 92.1%
  - Lab testing of 9 locations confirmed reductions of surface pathogens by an average of 92.4%

\* 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 | **92.1% reduction of pathogens**

Pre-Treatment Results\*: 393 cfu/m<sup>3</sup>

In-Treatment Results: 31 cfu/m<sup>3</sup>

Surface | **92.4% reduction of pathogens**

Pre-Treatment Results: 41.9 cfu/cm<sup>2</sup>

In-Treatment Results: 3.2 cfu/cm<sup>2</sup>