

## Restaurant

A restaurant was looking for technology solutions to provide a safe and healthy environment for its employees and diners. AIRPHX deployed a single CID 75k unit in the restaurant (60,000 cubic feet) and did testing to show the effects of AIRPHX technology.

- Equipment: One AIRPHX CID 75k
- Testing Dates
  - Pre-Treatment: 5/22/2020
  - In-Treatment: 6/15/2020
- Size: 4,700 sq ft; 12-13 ft ceilings
- Air and surface testing was conducted throughout the entire restaurant
  - Lab testing of 15 locations confirmed reduction of airborne pathogens by an average of 90.0%
  - Lab testing of 10 locations confirmed reductions of surface pathogens by an average of 94.2%

\* 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 | **90.0% reduction of pathogens**

Pre-Treatment Results\*: 691 cfu/m<sup>3</sup>

In-Treatment Results: 69 cfu/m<sup>3</sup>

Surface | **94.2% reduction of pathogens**

Pre-Treatment Results: 39.7 cfu/cm<sup>2</sup>

In-Treatment Results: 2.3 cfu/cm<sup>2</sup>