

### About this Document

In September of 2015, three AirMaid Ozone Generators were installed in a burger restaurant located in the Fenway neighborhood of Boston to remove odor and grease from the kitchen exhaust system. Cleanings and inspections have been completed by Under Pressure Hood & Exhausting Cleaning. Under Pressure also cleans the same chain with locations in Hingham, and Lynnfield. Cleaning reports from these three locations have shown that Fenway has considerably less grease buildup on the ductwork.

### Results



Hingham 6 months of buildup  
Typical without AirMaid.



Fenway on 7/18/2016 with  




Fenway on 9/20/2016 with  


The AirMaid local rep met with Under Pressure to discuss the comparison between restaurants with the AirMaid to those without an AirMaid or other scrubber system. The Fenway location and Hingham location have the same menu and cook the same type of foods; it is noteworthy that that Fenway location cooks a higher volume of food compared to the Hingham restaurant. It is important to note that the amount of grease in the duct without the AirMaid is a representative amount of grease commonly found in commercial grease exhausts. Duct cleaners will clean that amount of grease out of a duct every 3 to 6 months when an AirMaid or scrubber is not utilized.

Under Pressure stated that there is “far less grease” in the Fenway location and that the amount of grease “isn’t anywhere near what we would see at the Hingham location.” They also noticed that the “further away from the hood there is less grease,” which is what we expect to see from the AirMaid units. There will be less grease and odor in the exhaust as the ozone reacts with the particles. We can attribute the nominal grease that remains in the duct to the under sizing of the equipment compared to the amount of exhaust as well as grease in the exhaust. Look for even better performance in the coming months as Buckley and Wahlburgers have installed a larger unit to account for the grease exhaust appropriately.

More than ten AirMaid units have been installed in Massachusetts due to the cost and space savings they provide compared to traditional scrubbers. Contact Technical Air Systems, Inc. today for information on AirMaid Ozone Generators.