

Project Summary

The scope for the visit at Food 4 Less 368 in Torrance CA was to measure the airflow as-is for the main AHU, gather performance data, and provide an as-built ductwork sketch.

The AHU is a custom type of unit that is built into rooms inside of the mechanical room. The airflow measured at the grilles was 13646 CFM however there is a hole in the supply plenum room that is leaking approximately 2000 CFM. So total supply air is approximately 15646 CFM. This measurement was taken at 45 Hz.

The outside air damper was found shut and could not be adjusted. The return air dampers are partially damaged and not fully open.

There is one duct run that appears to go through a wall towards a shoe store outside of the Food 4 Less space. The airflow was measured via traverse but the termination of the duct wasn't located.