



Intelli-Hood®
KEY SAVINGS

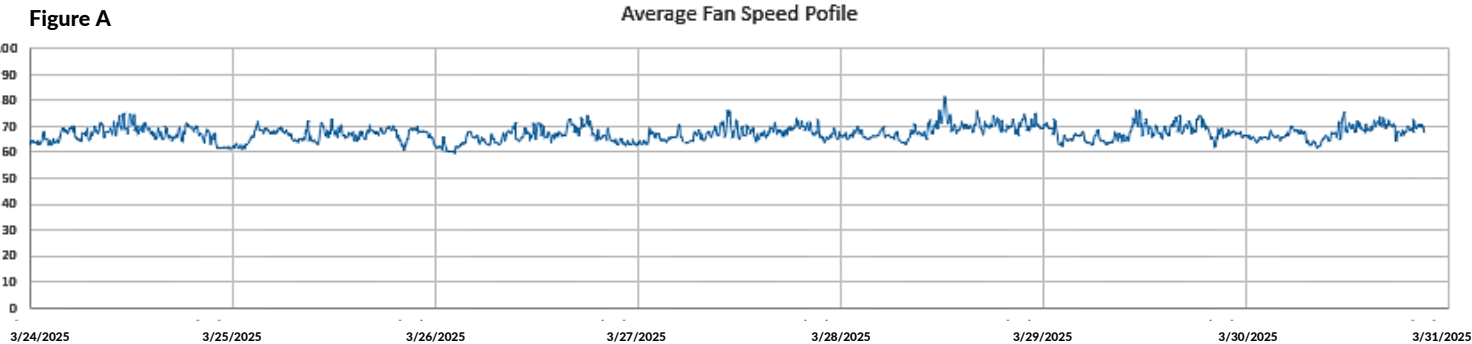
Overview

This fast casual case study shows the performance results for a McDonald's restaurant located in Texas. The study shows how an Intelli-Hood installation was able to reduce the facility's annual utility costs and carbon dioxide emissions, while improving their operating expenses. With the rise of utility rates across the U.S., Intelli-Hood was the proactive strategy for McDonald's to offset increased energy costs with efficiency upgrades.

Benefits

The performance from Intelli-Hood's installation can be seen in the figures below. Figure A highlights the average fan speed for the kitchens exhaust fans achieved by DCKV. The average fan speed for these exhausts was 72%. By using Intelli-Hood's DKV system, McDonald's was able to reduce their kitchen's energy waste, resulting in a carbon emissions savings of 25,998 lbs. annually. This installation highlights a quick pay-back and reduced utility cost of \$7,753 per year. This McDonald's restaurant even reduced their carbon footprint with the help of Intelli-Hood's DCKV smart technology.

Figure A depicts the variations in fan speed for the restaurant over the of three months. The variations are due to Intelli-Hood's DCKV controls modulating the kitchen's fan speeds to match cooking demand.



- Total Energy Savings
\$4,761/Year
- Carbon Dioxide
25,998 lbs./Year
- Simple Payback Period
1.8 Years on average
- Operating Expense Reduction
38%

Annual Kitchen Hood Utility Costs (USD)
Figure B

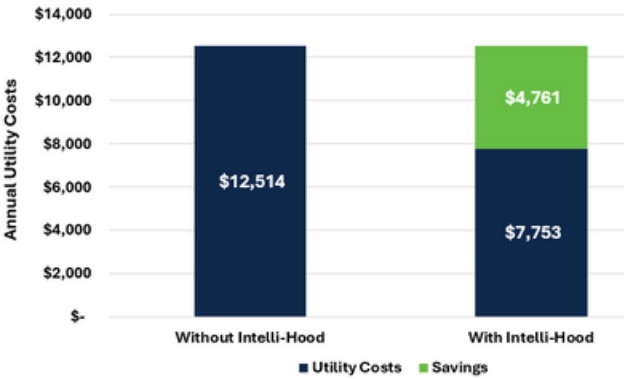


Figure B depicts the restaurant's initial annual energy costs as compared to their energy savings with Intelli-Hood.