



## INTELLI-HOOD®

### Overview

This case study reveals the continued saving results for a specific Culver's location. The study shows an Intelli-Hood installation after nearly **20 years** of use before upgrading, to continue the restaurant's operational savings.

The owners of this Culver's location saw the benefit in continuing their use of Intelli-Hood. This fast-food restaurant chain's main goals were to continue to decrease their spending on utility costs and their operating expenses.

### KEY SAVINGS



**Total Energy Savings**  
\$4,019.93/Year



**Carbon Dioxide**  
24,080 lbs./Year



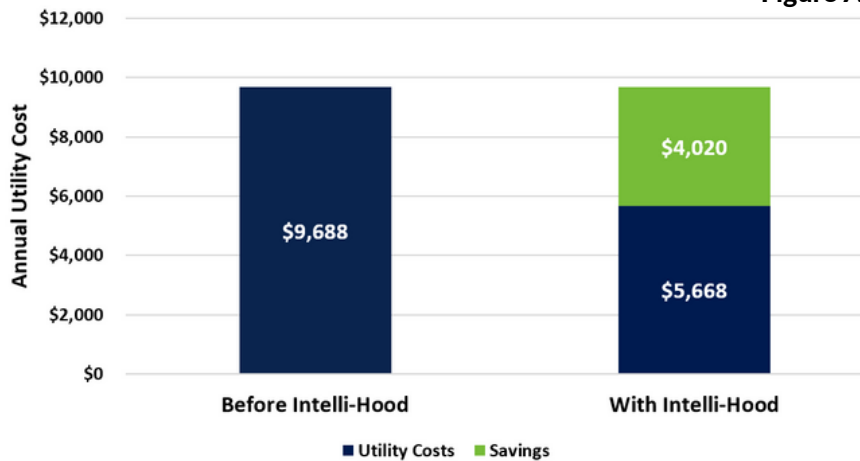
**Simple Payback Period**  
3.2 Years



**Operating Expense Reduction**  
41%

Annual Kitchen Hood Energy Cost

Figure A



**Figure A** depicts the customer's annual energy costs as compared to their net energy costs. After installing Intelli-Hood, this Culver's location operates at \$5,668 on average for their utility costs. That's a \$4,020 annual savings.

### Benefits

The chart on the right, **Figure B**, shows the average fan speed for two exhaust fans over the course of three days. The dips in the chart represent times when the fans are not running, and the spikes represent when the fans are operating. The fan speed varies slightly which means the fans are running more efficiently. The average fan speed for these exhausts was **65%**.

Fan Speed

Figure B

