



Intelli-Hood[®] demand control kitchen ventilation is installed into the kitchen hoods of a culinary training center in Melbourne, Australia.



**ENERGY (kWh)
SAVINGS / YEAR**
123,837 kWh
81% reduction



**UTILITY
SAVINGS / YEAR**
\$23,422 AUD
1.9 Year ROI



CO₂ SAVINGS
165,941 lbs



AVG FAN SPEED
38%



For more
information, visit
INTELLIHOOD.COM
ECOCANOPY.COM.AU

Context:

The leading culinary school in Melbourne, Australia, features several full training kitchens that operate 24/7, 365 days per year. To address the ventilation system in the facility's largest kitchen and to help control operating costs, the school decided to retrofit the existing design with a demand control kitchen ventilation system to self-modulate according to cooking conditions. Thus, an ENERGY STAR-rated Ecosense Ecocanopy, featuring kitchen hood controls by Melink Corporation, was installed in the training kitchen.

Result:

With the implementation of Intelli-Hood, the school was able to reduce its fan speed from 100% all the time to an average of 38% in the kitchen. Before Ecosense and Intelli-Hood, it cost \$28,912 (AUD) yearly to operate the kitchen; this was reduced to \$5,490. The system will pay for itself in about two years. With this improvement, the school was not only able to reduce its immediate energy consumption but is able to use the technology to continually monitor usage and adjust as necessary.

