

Case Studies

The Restaurant Group PLC
Chiquito, Leicester Square, London

the
restaurant
group plc



Chiquito energy commitment

The Restaurant Group initiate a national program to reduce energy costs & help promote a cleaner environment.

The Restaurant Group plc is one of the largest independent restaurant groups in the country. Their portfolio of restaurants, cafés and bars comprise of 6 brands plus TRG concessions which are currently operating in 6 airports across the UK.

They have around 275 restaurants nationwide including Chiquito, Frankie & Benny's, Garfunkels, Bluebeckers and Edwins Brasseries.

Like all businesses they are looking to reduce costs, especially with the recent rise in energy prices. As a result they have installed the **Intelli-Hood Energy Control System** in their flagship restaurant, Chiquito Leicester Square. This will improve the conditions for their customers and especially the air quality and heat control for the staff in their kitchens.

Installing this system in Chiquito's has given them an annual saving of £7,268. Previously their downstairs kitchen extract fan was running at 146.36 kWh/day, but with the installation of the **Intelli-Hood** system the figure has reduced to 29.12kWh/day, an energy saving of 117.24kWh/day just in that kitchen.

There is also an exceptional pay back period of 1.36 years for the restaurant. The unique advantage of the **Intelli-Hood** system is that energy saving and monetary saving goes hand in hand.

Introducing **Intelli-Hood** into their restaurants has encouraged The Restaurant Group to look at energy initiatives across their whole portfolio.

They have employed an energy consultant to look at integrating the **Intelli-Hood** system into all of their restaurants as well as looking for other ways to contribute to environmental issues.

The Restaurant Group's massive commitment to energy saving is also a very sound business venture as it should give them an annual saving of approximately three quarters of a million pounds throughout their portfolio of restaurants.



Contact Us...

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kWh Before
Intelli-Hood

kWh After
Intelli-Hood

126071.4kWh

43006.6kWh

Reduced energy consumption - 65%

Annual Saving in Pounds - £7,268

Pay back of initial investment - 1.32 yrs

Annual savings for Chiquito Leicester Square

Chiquito Leicester Square comprises of three kitchens- main, downstairs and prep. The graph below shows the results of monitoring the prep kitchen extract fan.

A data logger was used before and after the installation of **Intelli-Hood**. The graph charts the extract fan speed of the two periods. It clearly shows the difference with and without the energy saving system. Before the installation of **Intelli-Hood** the fan was running constantly, averaging just under 5kWh, the post installation results show a dramatic reduction in energy consumption. It shows that the fan only runs

when the kitchen activity demands it and even at peak times the fan is never running at maximum speed. Chiquito Leicester Square has **Intelli-Hood** installed in all of their kitchens.

Energy Saving Objectives

The Restaurant Group are looking forward to rolling out **Intelli-Hood** to over 250 of their properties.

3 day comparison graph for Chiquito Leicester Square with percentage of energy saved.

