

## COOLNOMIX® UK Test Results

### Hilton Hotel Gatwick

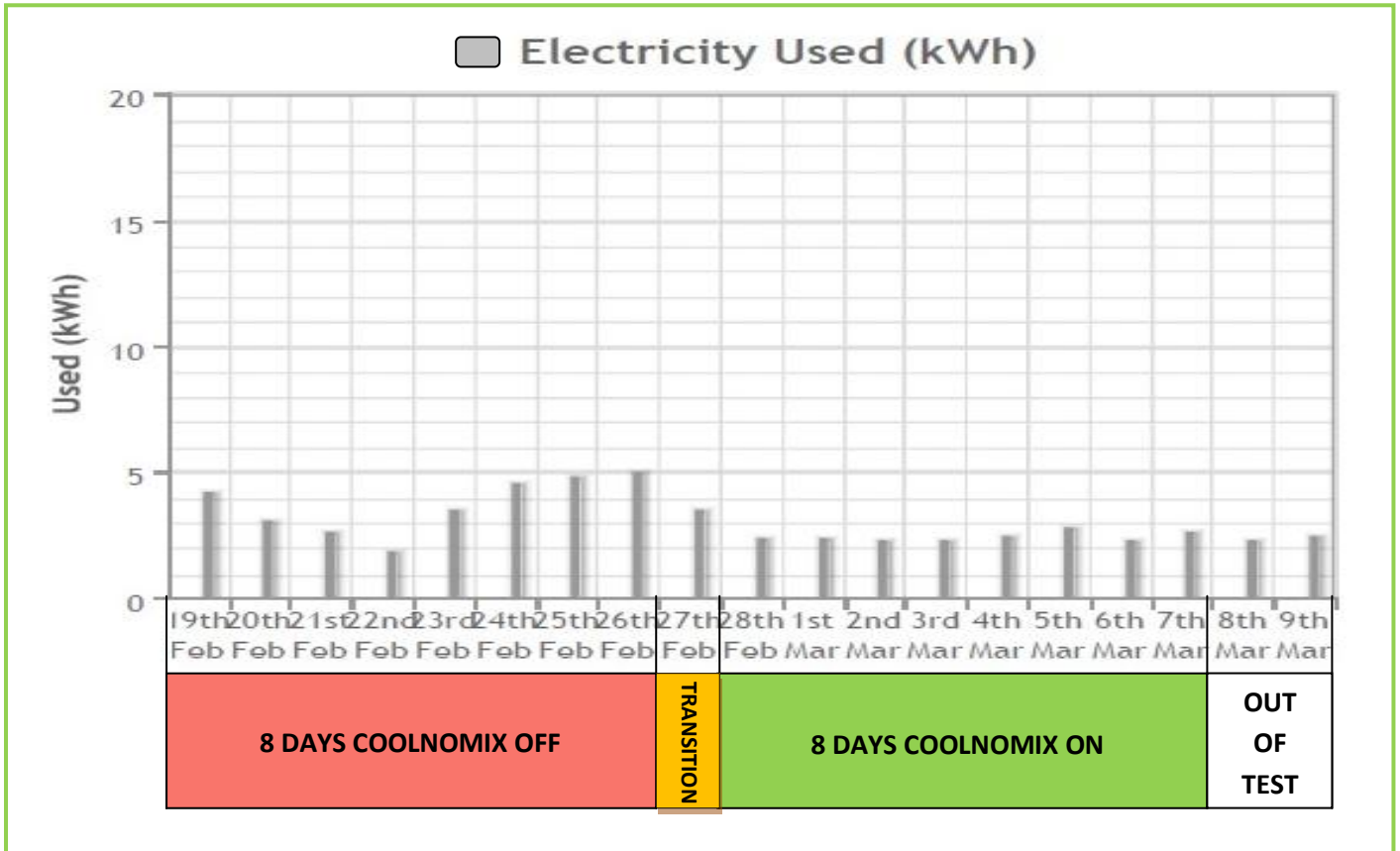
A trial of the **COOLNOMIX**® energy saving device was recently carried out at the Hilton Hotel at Gatwick. The test was carried out on the wall mounted Mitsubishi Inverter, single split air-conditioning unit serving the hotels com's room. The trial was set up on 18<sup>th</sup> February 2015 and the results for the following 17 day period (8 days with **COOLNOMIX**® turned off, a transition day and 8 days with **COOLNOMIX**® turned on), are shown on the table and graph below. **Even against a modern inverter air conditioning unit COOLNOMIX**® delivered savings of 34% in the electricity consumption.



The electricity consumption was monitored throughout using an OWL Smart monitor, which uses the mobile phone network to transmit the recorded data to a web based platform. Users can log on to the platform to view and/or download both live and historic power consumption data for the unit. On completion of the trial period, the **COOLNOMIX**® was left installed and switched on.

### Results

WITHOUT COOLNOMIX			WITH COOLNOMIX	
DAY	kWh reading		DAY	kWh reading
19 <sup>th</sup> Feb	4.279 kW	27 <sup>th</sup> Feb Transition day switched between Coolnomix off and Coolnomix on, consequently reading disregarded	28 <sup>th</sup> Feb	2.403 kW
20 <sup>th</sup> Feb	3.065 kW		1 <sup>st</sup> March	2.374 kW
21 <sup>st</sup> Feb	2.634 kW		2 <sup>nd</sup> March	2.302 kW
22 <sup>nd</sup> Feb	1.915 kW		3 <sup>rd</sup> March	2.330 kW
23 <sup>rd</sup> Feb	3.548 kW		4 <sup>th</sup> March	2.481 kW
24 <sup>th</sup> Feb	4.575 kW		5 <sup>th</sup> March	2.826 kW
25 <sup>th</sup> Feb	4.804 kW		6 <sup>th</sup> March	2.334 kW
26 <sup>th</sup> Feb	4.982 kW		7 <sup>th</sup> March	2.629 kW
<b>TOTAL USAGE</b>	<b>29.802 kWh</b>		<b>TOTAL USAGE</b>	<b>19.679 kWh</b>



The readings and graph above show that over the test period, a **saving of 34%** was achieved with the **COOLNOMIX®** device running. It also demonstrates how **COOLNOMIX®** provides a more precise temperature control, typically +/- 0.5°C compared to conventional control of +/- 1°C - 2°C, without compromising comfort levels.

#### About **COOLNOMIX®**

- **COOLNOMIX®** is the only Air conditioning Control Unit on the market to feature dual sensor control and ORS (optimised Refrigerant Supply) technology.
- The device maximises the saving and efficiency of the air conditioning system by controlling simultaneously the thermodynamic (temperature) and hydraulic (refrigerant pressure) of the system.
- **COOLNOMIX®** is easily flitted to any compressed gas, single or reverse cycle (heating and cooling) air conditioning systems, within a few hours and does not affect the original manufactures warranty.
- Typically pays back within 12 - 18 months

**More information: [www.coolenergysaver.com](http://www.coolenergysaver.com) Contact: Andrew McBean 01483 306688**