



ENERGY & WATER EFFICIENCY

ECube

A green Solution for business:
Invented and Manufactured in the
UK by British Engineers

**As companies around the world are urged to
cut energy consumption and curb CO2 emissions,
green is increasingly the future of business.**



A green solution for the refrigeration, food and beverage industries has now arrived in the shape of the ECube. Invented by British engineers and manufactured in the UK the ECube is patented globally.

The ECube has been widely tested in-house and by independent organisations and has been proven to reduce energy consumption by up to 33 per cent. During 2011 COFELY GDF Suez carried out an extensive detailed trial testing on a wide range of refrigeration units at the Department of Business Innovation & Skills (BIS). Post monitoring analysis yielded energy savings from 15-50% on units where the EndoCube had been fitted giving a ROI (Return On Investment) calculated at **6 months**.

This neat microcrystalline wax cube is a revolution in refrigeration. Easily fitted onto a thermostat sensor, it changes how fridges and freezers work by mimicking food/product stored. Rather than respond to fluctuating air temperature the ECube makes refrigeration units read food product temperature only.

Refrigeration units work in a series of cycles monitoring air temperature in order to decide when to switch on and off however air temperature rises faster than the temperature of the product and therefore cause refrigeration units to work far harder than is necessary.

Fit an ECube and refrigeration cycles are less frequent and last longer, while the product temperature is kept constant. The benefits include lower electricity bills, reduced CO2 emissions, a longer lifespan for equipment, more accurate food/product temperature and potentially less noise pollution.

The ECube is being installed, with excellent results in Walk in Cold/Freezer Rooms, Bench/Upright Fridges/Freezers, Bar Wine and Bottle Fridges and Multi Decks by leading Catering Companies, Supermarkets, Restaurants and Hotels worldwide.



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