

What is eCube®?

eCube is comprised of a patented, high molecular weight, aliphatic hydrocarbon compound that has the same thermal properties as food and beverage.

This NSF-certified device is easily installed over existing thermostat probes that monitor air temperature inside commercial refrigeration units.

With eCube installed, the thermostat now measures the temperature of the food product instead of air temperature, which accurately simulates cooling properties of the food and beverages inside.

What does all of this mean to you? Plain and simple... Since eCube provides the existing thermostat with food product temperature instead of air temperature, your compressor runs fewer cycles, saving you money and keeping your food product safer, longer.

**Compressor start/stop cycles
are reduced up to 85%–
reducing your energy costs
by up to 30%!**

These longer cycles create “thermal inertia” as it cools food for a longer period of time– at a more accurate temperature– thereby lowering its temperature. This, in turn, allows the set point to be adjusted to a higher temperature.

Food product is maintained at a more accurate temperature using less cooling. This stable temperature also dramatically reduces compressor cycles which directly results in increased equipment life.

Start saving on your energy costs today! Visit your local City Electric Supply for more information!



Energy Savings in Commercial Refrigeration



Reduce your energy consumption up to 30%!

eCube®

www.getecube.com

Why eCube®?

Save Energy

Reduce Energy Consumption
(10-30%)

Save your Equipment

Reduce Compressor Cycles
(up to 85%)

Save your Product

NSF® Food Safety Tested and Approved

Save the Environment

Reduce CO² Emissions (GREEN)

Save Money

Pays for Itself Less than 2 years

Easy to Install

Small and compact, works with electronic
and mechanical thermostats

Reliable

Five year warranty; lasts
indefinitely



eCube saves money...

Item	Before eCube	With eCube
Energy (Reach-In)	\$910	\$182*
Energy (Walk-In)	\$1,890	\$378**
Equipment	\$250	\$125***
Manual Probing Spoilage, Liability	?	✓

* 20% annual savings (energy consumption of 6,500 kWh @ \$.14/kWh)

** 20% annual savings (energy consumption of 13,500 kWh @ \$.14/kWh)

*** 50% annual savings (replacement cost of \$2,500 amortized over 10 years)

*Commercial refrigerators waste 15-30% of their
energy and run 50% or more cycles than necessary
trying to keep food temperatures constant.*

*eCube's technology simulates food thermal
qualities and automatically relays the information
to the thermostat. Cooling cycles are reduced,
saving energy, lowering wear and tear on your
equipment and reducing emissions!*

...an average of 20%



WOOLWORTHS



Don't just take our word for it...

"We have carried out an independent trial with an eCube in one of our on-site kitchens, through the trial we made an energy saving of 17.78%. Based on these savings we will be rolling out the eCube across all of our sites. It is a simple idea that seems to be very effective in energy saving which will lead to a reduction in CO² emissions".

Mike Wells, Head of Facilities, npower

"When we first heard about the eCube, we wanted to test it as quickly as possible. We arranged for a large scale trial to be completed and once the results were in, we immediately implemented the eCube at the Riverbank Park Plaza. As a result of installing over 150 eCubes, we are saving appx £17,000 per year on our electricity bill. Since the successful trial at Riverbank the eCube is now being installed through out the Park Plaza Hotels in the UK".

David Bell, Chief Engineer, Riverbank Park Plaza Hotel

"When we saw the advert for the eCube we were just beginning our environmental project. Trials were set up and showed the savings made it an invaluable product to use. We have asked all our 150 kitchens to have them fitted and our client response has been extremely positive. Everyone from eCube have been extremely helpful, I no hesitation to recommend them to others".

Caroline Fry, Joint Managing Director, Charlton House Catering Services Ltd

"We are constantly striving to reduce energy costs and emissions within Woolworths and have trialled the e-cube which showed considerable savings. We are now in the process of arranging for this product to be installed into the refrigeration units in all our cafe stores."

Energy Management Team, Woolworths

"We have had 23 eCube units installed on our refrigeration equipment throughout the hotel. Since being installed we have noted significant reductions in energy bills and have reported considerably less equipment failure. We are delighted with the eCubes performance which has helped us reduce our carbon footprint and most importantly our operating costs. We would happily recommend this amazing technology to all industries utilising refrigeration equipment."

Mark Francis, Maintenance Manager, Ramada Plaza Gatwick