



## Press Information

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### Why do Americans heat their cold storage areas?

### German REMIS puts a lid on huge American freezer chests

**Even American freezer chests are now covered and therefore save huge quantities of energy. Cologne-based REMIS GmbH – a company specialising in glass covers for the food trade – is profiting from growing energy awareness in the USA and is developing a huge growth market.**

The Americans like everything to be that bit larger – their ice creams, their cars and definitely their supermarkets. And when everything on offer is 'extra large', the freezer chests have to be correspondingly huge as well. Which, of course, results in massive energy consumption. Fertile grounds indeed for German energy pioneers.

While on a tour of inspection through some American supermarkets, Paul Isfort was quite surprised to discover heaters built into the ceiling above the shelves in a room that had been specially equipped for chilled beverages. The refrigeration engineer's explanation for the paradox phenomenon: "Energy awareness has so far not been a major issue in the USA". His company – REMIS GmbH – manufactures glass covers for refrigeration units for the food trade. In doing so, the company has been successfully tapping the enormous potential for saving energy in the food trade for some years now.

A joint venture with American Dehco Inc. is now bringing the innovative technology to the USA. Last year, REMIS America LLC commenced operations amidst huge public interest. Last year, it creates some urgently needed jobs in Elkhart, Indiana, which also secured the interest of locally prominent politicians. Inspired by President Obama's Energy Offensive, the move is seen as an ideal combination of ecological commitment and business development opportunities. According to Matt Pletcher, who heads up REMIS America: "Americans are idealists and willing to be inspired by a great idea. But they are also businessmen who look closely at the figures. Last year, we were able to score good points on both." Good points for the environment, in any case.

Since 2005, covers on refrigeration units have been increasingly growing in importance, mainly as a result of the huge energy savings that covers

offer, but also in light of soaring energy costs and the growing sensitivity towards climate protection and energy efficiency.

Glass covers on freezer chests and refrigerated shelves first appeared in the premium supermarkets. The food trade has recognised the enormous savings potential. No less than 50 percent of a food retailer's energy costs go towards refrigeration. And since consumers are tending to buy more fresh produce, the refrigerated shelves can be expected to gain several more metres in length in the future. Which will, of course, result in even higher energy costs. So it is high time to start thinking about ways of saving energy. Covering the freezer chests and refrigerated shelves is by far the most effective means – as documented by studies conducted by Kassel University. A cover can help to save more than 50 percent of the energy costs. Quite obvious really – after all, who leaves the fridge door open at home? The surprising thing is really that it has taken so long for anyone to take action.

### **About REMIS GmbH**

Cologne-based REMIS GmbH develops and sells glass covers for refrigeration units in the food trade. Their special, heat-reflecting coating allows REMIS glass covers to reduce the energy needed for refrigeration by more than 50 percent. In light of the huge energy savings that they offer, covers for refrigeration units have meanwhile become standard throughout Germany. REMIS is able to sustain its leading position in the European market by continually improving the technological and design features of its products.

Since 2005, covers for refrigerated shelves and freezer chests in supermarkets have been gaining in importance as energy costs have risen and people have become more sensitive about the issues of climate protection and energy efficiency. Nowadays, REMIS covers can be found in virtually every chain of supermarkets.

REMIS covers are compatible with all refrigeration units that are available on the market or are individually customised to the refrigeration systems offered by the various manufacturers.

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