

aerofoil-energy

The alternative solution to multi-deck glass doors

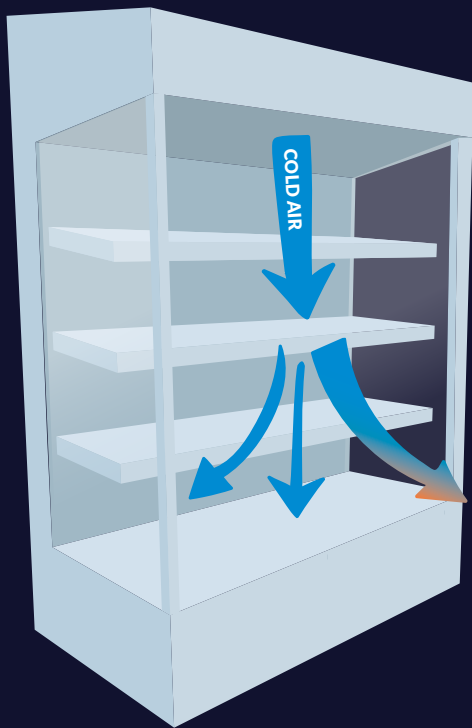
SAVE ENERGY
SAVE MONEY
WARMER AISLES
REDUCED FOOD
WASTAGE

1.4 MILLION
INSTALLED
4,000 STORES
GLOBALLY
200 MILLION KG
CO₂ SAVED
EVERY YEAR

The problem... *and a solution*

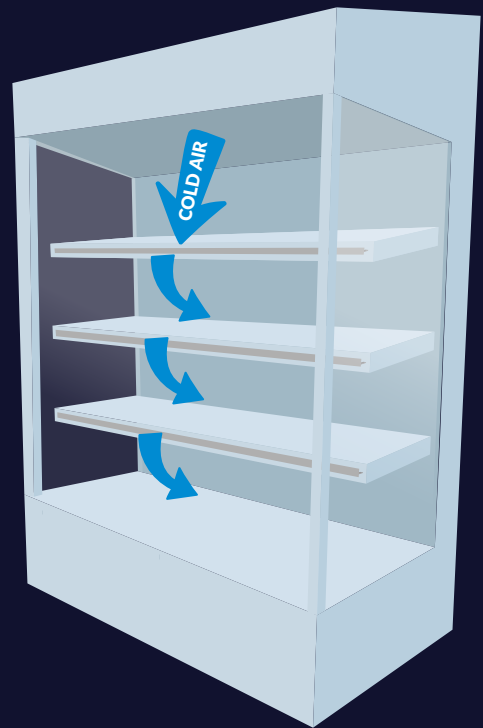
Cold air streams down from holes in the top of the refrigerator cabinet to keep products cold

WITHOUT AEROFOIL™



Some of this cold air is spilt out of the front of the cabinet into the store instead of remaining inside. This wasted energy costs money and leads to colder aisles and product wastage.

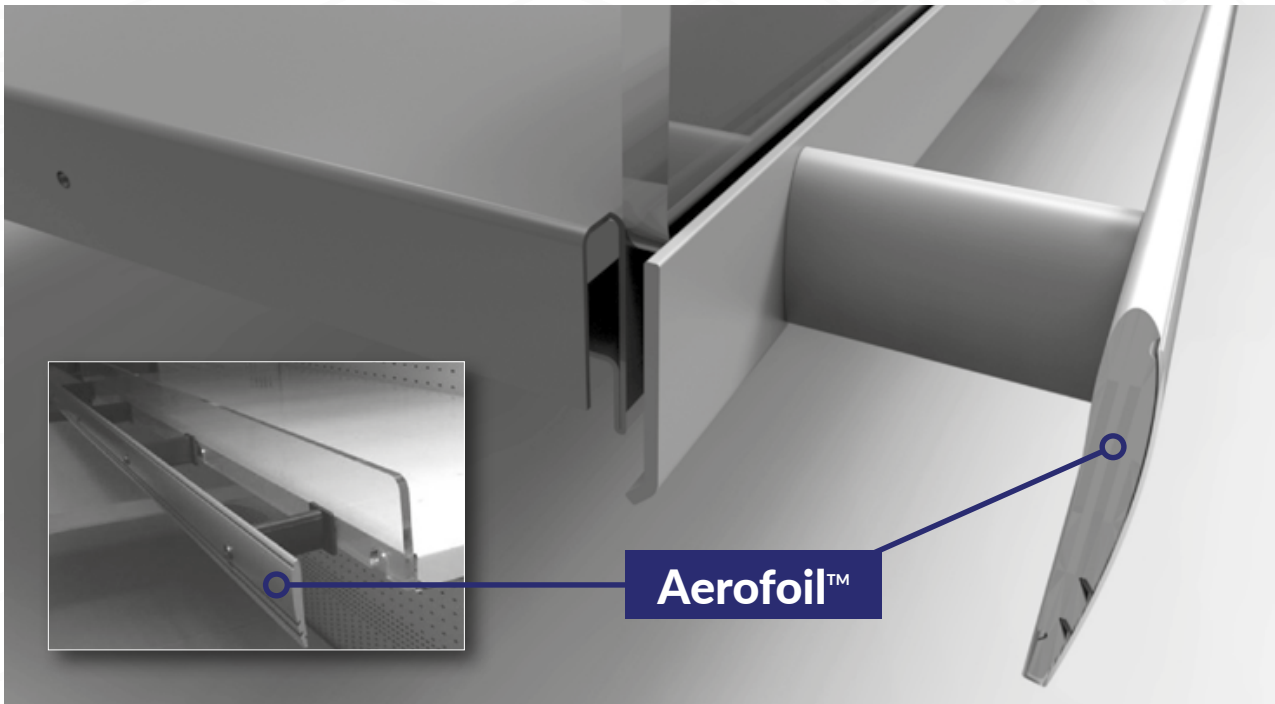
WITH AEROFOIL™



Aerofoils™ are attached to the end of shelves and redirect the cold air back into the refrigerator so less is wasted.

What is an Aerofoil™

Aerofoils™ are air guiding devices that reduce cold air spill.



Aerofoil™ refrigeration technology was designed by Aerofoil Energy in collaboration with Williams Advanced Engineering using the principles of aerodynamics in aircraft.

The Aerofoil™ air guiding device (as shown above) is a carefully engineered aluminium profile that controls the direction of air flow, reducing cold air spillage by guiding the air stream back into the refrigerator.

The Aerofoil™ is attached to each shelf using a moulded plastic bracket that can be adapted for a range of shelf types and angles. A plastic ticket strip fitted to the Aerofoil™ allows pricing labels to be clearly displayed safe from damage.

Simple design

Durable

Easy to install

The benefits



Endorsements

“We selected Aerofoil Energy following our independent laboratory trials, which demonstrated that Aerofoils significantly outperformed alternative shelf-edge technology.”

“By lowering our energy consumption, Aerofoils will make a significant contribution to our target reduction in gross emissions of 30% by 2020”

“Fitting Aerofoils across our retail estate will make a major contribution to our corporate responsibility programme, most importantly by lowering our energy consumption and related emissions, but also by improving product quality and reducing product waste.”

Our awards



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