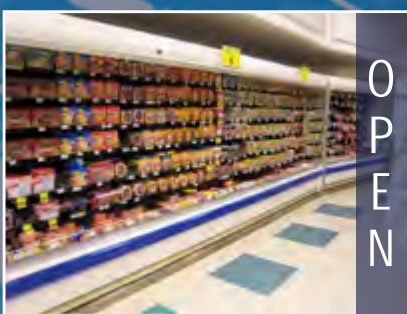


ECONO FROST

NIGHT COVERS FOR OPEN REFRIGERATED DISPLAY CASES



IT'S AN OPEN & SHUT CASE!





Covering open refrigerated display equipment at night reduces refrigeration load and power usage by blocking the radiative and convective heat from entering the case

Southern California Edison's (SCE) testing found that Econofrost saved 36% of the energy consumed by the case for every hour it was used, and product temperatures remained at lower temperatures for 15 hours even after the covers were opened. Reductions on compressor power and refrigeration load were also realized when Econofrost night covers were used.



Econofrost is the only night cover tested by Southern California Edison for energy savings

We are happy to provide the full published report; please contact us today!

36% ENERGY SAVINGS

- Independent testing proves direct energy savings on refrigeration costs of at least 36% for every hour the covers are down
- Motor-Driven Econofrost night covers integrated into energy management systems can save up to 50% energy per hour used
- Tested by major OEM Case Manufacturers worldwide
- Reduced refrigeration capacity requirement

REDUCED HEAT & RADIATION TRANSFER

- Low-Emissive fabric reduces infiltration load
- Highly reflective fabric prevents radiative heat from entering the case
- Precise perforations allow the fabric to breathe, preventing condensation build-up and reducing conductive heat transfer

REDUCED REFRIGERATION LOAD

- Significantly lower nighttime horsepower requirements
- Improvement in daytime horsepower requirements
- Reduced compressor kW power





Econofrost Night Covers integrate well with store decor and merchandising and become an integral and permanent part of the display fixture.



\$1.00 per ft per day savings from
REDUCED SHRINK

As is widely recognized throughout the industry, temperature and humidity management in open refrigerated display equipment can be challenging at best

Bashas’ Supermarkets saved \$1.00 per foot per day in reduced shrink & discard in their produce department alone!

Cold air spill, warm air entrainment, heat radiation from store conditions, and re-stocked product all contribute to difficulty in managing temperature of products while on display. When the store is closed, Econofrost covers trap cold air in the display case while reflecting ambient heat and radiation back into the store – ensuring longer product shelf life and allowing for a more temperature stable store environment.

When product temperatures remain at a constant near the discharge air temperature, the product integrity is maintained and its shelf life is extended.

Such was the case with Bashas’ (Chandler, AZ)...



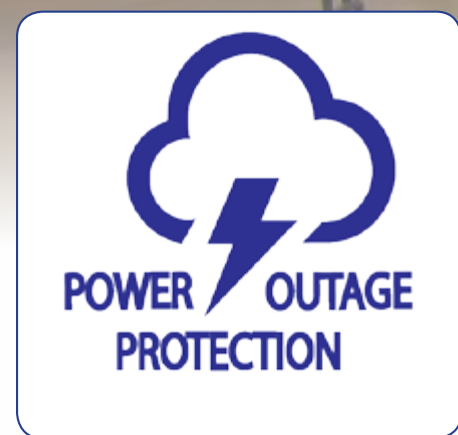
In-store testing showed that Econofrost night covers reduced produce discard by 75%. The produce department manager reported an “average decline in trim from one barrel a day to a quarter barrel a day”, reducing produce losses from \$50 - \$65 per day, and reducing labor needed to maintain produce displays.

Management reported that the store saved more than \$8,000 over a five month test period in the produce department alone.

Though Econofrost was installed store-wide, the savings in the produce department alone more than paid for the \$6,900 Econofrost installation.



After having completed a chain-wide retrofit of Econofrost Night Covers in all 165 Bashas' stores, one of the store managers explained...



...that recently the local health inspector was in her store measuring product temperatures when the power went out (outside temp. in excess of 115° F).

The first response by store personnel was to pull down Econofrost night covers on all their open display cases.

Based on experiences before Econofrost was installed, expectations were that much of the

product would warm up beyond safe temperatures and would have to be pulled from the cases and discarded.

Three hours later when the power returned, the health inspector reassessed product temperatures and found that in no instance had the temperature of any of the product throughout the store risen by more than 1° F - **resulting in ZERO product loss!**



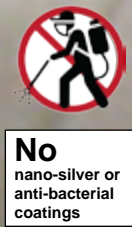
EXTENDED SHELF LIFE

- By reducing radiation & infiltration loads, Econofrost maintains lower product temperatures, improving product shelf life.
- Highly reflective Econofrost fabric prevents radiative heat from entering the case

FOOD SAFETY & INTEGRITY

- Econofrost night covers lower case temperatures by at least 4° F (2.2° C) during closed hours
- Cooler product temperatures last up to 15 hours even after the covers are retracted
- Helps refrigerated equipment comply with NSF requirements for food safety

Unlike other night covers, Econofrost never uses nano-silver particles as anti-bacterial coatings because the EPA has classified nano-silver as a pesticide; it's considered potentially hazardous and should not be present near food zones.



Econofrost doesn't use magnets to mount our night covers as other brands do, because the industry acknowledges this as a liability.

To ensure longevity, any night cover must become a permanent fixture.



Econofrost is the #1 Night Cover Solution. Superior ergonomic design, robust construction, and long servicable life separate it from all others. No other night cover provides the same number of years of trouble free service as Econofrost



Reliability

The best testament to the reliability of a product is long term satisfied customers. In 2001, Raley's Supermarkets installed Econofrost in 120 stores, and have saved over \$2,000,000 in energy costs to date - and continue to enjoy trouble-free nightly savings.

Proven Durability

For over 25 years, Econofrost Night Covers have been installed in more locations than any other brand.

Solid steel spring-core and rod are more durable and function trouble-free even after thousands of retractions.

Chemical & Pesticide Free

Econofrost is engineered specifically for the supermarket environment and needs only air flow to dry its fabric after each retraction. Econofrost design prevents mold, mildew and bacterial growth.



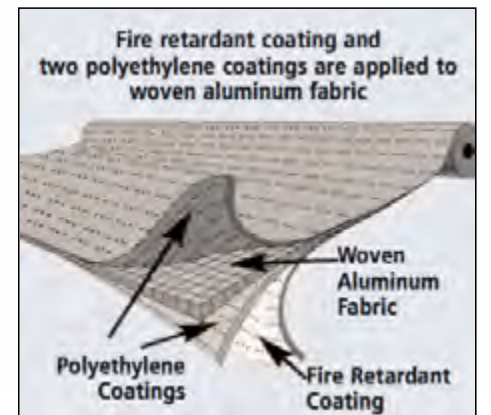
Modular Components

Supermarkets put heavy demands on night covers and if a part gets damaged, without modular components, the unit must be thrown away.

Econofrost's modular components can be exchanged without replacing the entire unit.

Use of Aluminum Fabric

Econofrost's fabric is a woven aluminum foil laminated to a polyethersulfone backing for strength. The laminated fabric is then sealed with a polyethylene clear coat that exceeds UL94HB requirements.





Econofrost's Service Solution comprises the entire spectrum of the supply chain - from initial store surveys as well as specific décor requirements - all the way to final installation and end user training

Econofrost has 30+ years experience coordinating and implementing thousands of night cover installations worldwide that include, but are not limited to:



**165 Store
Retrofit Installation**
Multi-State Geographical
Scope: AZ, CA, NM



**120 Store
Retrofit Installation**
Geographical Scope: CA



**551 Store
Retrofit Installation**
Multi-State Geographical
Scope: CA, NV, IL

*Single largest night cover
roll out in North America*



**155 Store
Retrofit Installation**
Geographical Scope: CA

*Completed in less
than 60 days!*



ECONOFROST'S TURN-KEY SOLUTION

Supply Chain Management

- Econofrost manufacturing process
- Shipment from European factory to USA warehouse
- Store Surveys: determine quantity of night covers per store as well as decor requirements
- Shipping of Econofrost covers for roll-out projects
- Onsite inspection of night covers

Distribution, Installation & Training

- Worldwide installation network
- Distribution of night covers to individual stores
- Factory-trained service technicians
- Onsite training for key store personnel
- Installation and instructional videos
- Multi-language material



Econofrost provides significant return on investment. Energy savings of 10% - 12%, shrink reduction and product quality improvements can provide a return in as little as one year. In the event of a power outage, Econofrost prevents significant product loss by holding case temperatures, making payback even shorter

Many Utility Providers offer rebates for installing Econofrost Night Covers. Consult yours today!



Typical Payback: Energy Savings + Savings from Reduction in Shrink

Fill in the yellow shaded fields

Number of feet of Econofrost:	
# ft Med Temp Multi-Deck Cases	480
#ft Low Temp Coffin Cases	100
Total Feet of Econofrost:	580
Number of hours store is closed	
	9
Materials Cost:	\$24,200.00
Less Rebates:	\$580.00
Installation Cost:	\$1,000.00
Less Reduced Shrink Savings (Med Temp Only):	\$17,520.00
Total Project Cost:	\$7,100.00
kWh Cost (Yearly Average)	
Days per year	\$0.1200 365

Calculated Savings

Medium Temp MULTI-DECK		
Savings	btu/day-ft	7,257.60
Savings	kW/hr-ft	806.40
Savings	\$/ft-year	\$35.32
Project Savings per Year	\$	\$16,953.75

Low Temp COFFIN CASES		
Savings	btu/day-ft	5,523.03
Savings	kW/hr-ft	1,380.76
Savings	\$/ft-year	\$60.48
Project Savings per Year	\$	\$6,047.72

ROI (Simple Payback)	Yrs.	0.31
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Ask us for a customized Payback & ROI for your stores



DELI
MERCHANDISER



BOTTOM MOUNT
INSTALL



LOWER FRONT
CANOPY INSTALL



OPEN BAKERY w/
GLASS FRONT



COFFIN / WIDE
ISLAND



KNEE KNOCKER
CASE



COFFIN / WIDE
ISLAND



COFFIN / TUB
CASE



COFFIN / WIDE
ISLAND



PRODUCE
TABLE



KNEE KNOCKER
GRAB-N-GO



UNDER SIGNAGE
INSTALL



COFFIN / TUB w/
TAG MOULDING



SALAD
BAR



COFFIN / WIDE
ISLAND



TUB
CASE



ROUNDED
CANOPY INSTALL



PRODUCE
ISLAND

ECONO FROST

www.econofrost.com

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1-250-743-1222
1-250-743-1221 (fax)

MGV INC.
MARKET GROUP VENTURES

Specify Econofrost Night Covers When Ordering New Equipment
from these or any other case manufacturer

Hillphoenix
A Carrier Company

HUSSMANN

KYSOR/WARREN

Hillphoenix
Barker

MB MASTER-BILT
Refrigeration Solutions

 **Carrier**
A United Technologies Company

 **Standex**


SOUTHERN
GASPARTS

Some of our retail customers include:



Walmart 
México y Centroamérica

coop



COSTCO
WHOLESALE

Walgreens

fray's
FOOD & DRUG STORES


SAFeway

Publix

Carrefour 

Food 4 Less

Bashas'

Sobeys

COLD STONE
CREAMERY



Raley's

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