

**ECONO FROST**  
REFLECTIVE NIGHT COVERS

**INSTALLATION  
&  
RE-TENSIONING  
Instructions**

[www.econofrost.com](http://www.econofrost.com)  
800.519.1222

THE  
**7000**  
series

Simply the best night cover on the market!

# ECONO FROST

REFLECTIVE NIGHT COVERS

## ECONOFROST 7000 Series Manual Retrofit Cassette **Installation** Guide

### Parts Included in Assembly Pack

4 X #6 3/4" Self Tapping, Self Drilling Phillips Head Pan-Head Screws.  
4 X Hole Plugs

### Tools Required

Pencil, Phillips screwdriver, level, step ladder, impact drill with 1/16 extended drill bit, spring clamp or vise grips.

For more information on this and other series please visit: <http://www.econofrost.com/products/series.html>



### Handling & Storage Instructions

- Do not stack more than 3 boxes high - maximum pallet weight is 1,100lbs
- Use caution when removing protective styro-film wrapping on individual units. Knife blades or scissors may cut fabric and / or scratch aluminum cassette housing
- Do not drop, bend or flex units
- Store units in a cool, dry place - out of direct sunlight
- Remove all contents from boxes and check for parts (assembly) package before discarding packaging material

### Before You Start - Points to Consider

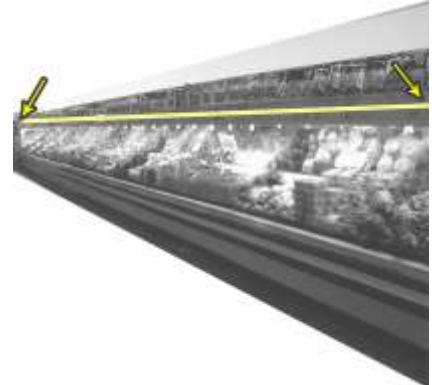
- For maximum efficiency and cost savings, incorporate as many 8ft units as possible in a case line-up. This reduces the number and size of the gaps between cassettes and covers the greatest linear length using the least number of units
- Be careful of any wiring inside the display case canopy near the installation area
- The Econofrost night cover should be installed in such a manner that the refrigerated cold air curtain is behind the night cover (inside the case)
- Remove all signage, boards and bag racks as required prior to install
- Avoid installing the Econofrost covers near sharp edges or in positions where the fabric may be exposed to undue wear and tear
- Avoid installing the Econofrost covers where they will come in contact with the merchandise and shelving inside the case
- Be aware of any misting systems (produce cases) and do not block access to the refrigeration controls

***NOW you are ready to proceed with the installation of the Econofrost 7000 Series night covers***

# Installing the 7000 Series ECONOFROST Night Cover

## Step 1.

Evaluate the case layout for the most symmetrical positioning of the units. Measure the distance from one end of the case to the other as it is advisable to install as many 8ft units in parallel succession if the case line up allows it



## Step 2.

Once you know your length of cases to cover and number of units required, lay the units out on the return air grill along the length of the case. By doing this you get an accurate picture of the exact positioning of the units (ensuring a uniform installation) before installation.



## Step 3.

Using a pencil, mark the left hand side (LHS) of the case where you will mount the first bracket. Use 2 X #6 self tapping, self drilling screws to secure this bracket. *Note that you need an extended drill bit (Phillips #2) to fit into the hole and secure the screw.*



## Step 4.

Hold the unit and using your level, verify that it is level before securing the right hand side (RHS) bracket. *Note that you can also use a deep vise grip or spring clamp to hold the unit in place while you secure the RHS bracket.*



## Step 5.

Insert the hole-cover tabs into both the LHS & RHS end bracket. Test the retraction of the night cover before installing the next one. Standard factory-set retraction time is 3-5 seconds. *If unit has lost tension, please refer to the Re-tensioning instructions (found later in this booklet).*



*\* If a hook is required to secure the cassette's handle to the bottom / bumper of the display case (in lieu of the standard clip-on magnet fasteners), follow the instructions in step 6.1 otherwise proceed to step 7.*

**Tip:** The magnet fasteners are easily removed with a bottle opener-like tool!



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REFLECTIVE NIGHT COVERS

## Installing the 7000 Series ECONOFROST Night Cover (Cont'd)

### Step 6.1

To install the hook, pull down the cassette by the handle ensuring that the night cover is drawn down in a straight and even manner.

Mark the handle position in the middle of the case bumper. Using the impact drill attach the hook to the case and use your level to ensure it is straight.



### Step 7

Repeat process with the remaining units ensuring flush and level mounts, again testing the tension of each unit to ensure timely retraction.



***Great Job! Now Econofrost will conserve energy, improve product shelf life and reduce the store's carbon foot print!***

## ECONOFROST 7000 Series Manual Retrofit Cassette **Retensioning** Guide

### Tools Required:

Vise grips, Phillips head screwdriver, impact drill with extended 1/16 drill bit

For more information on this and other series please visit: <http://www.econofrost.com/products/series.html>

### Retensioning Instructions

#### If Econofrost unit is currently installed (removal)

Remove the hole plugs from each end-bracket (you may use a flat-head screwdriver or other thin blade).

To remove the Econofrost night cover, use impact drill with extended 1/16 drill



#### Option ONE - Setting Spring Tension Using Vise Grips

##### Step 1.

Using a Phillips screwdriver, remove the LHS end-bracket screws (*ensure you keep a solid hold on the end-cap*). If there is any tension left in the spring, you will feel it and the spring will want to unwind. Release any remaining tension on the spring.



##### Step 2.

Using the vise grips, pinch the metal end-pin and rotate clock-wise 18-25 complete turns. Be sure to hold on to the night cover unit so it does not unwind at the same time.

**Arrow & "Notch" on metal end-pin must be pointing UP**

##### Step 3.

After you have completed the rotations on the unit, carefully reverse the rotation  $\frac{1}{4}$  to  $\frac{1}{2}$  turn to lock the tension in place. **Important: To lock tension, "notch" & arrow (on metal end-pin as in picture) must be pointing up.**



**"Notch" on White Spring Insert is at bottom**

Re-insert the end-bracket and re-fasten end-bracket screws. We recommend you fasten them only part way first so you may test the tension of the unit. If tension is adequate, fasten them fully, if tension is not adequate, repeat steps 2 and (the first part) of 3 until the desired tension has been achieved.

##### Step 4.

Once the tension has been adequately reset, reinstall the unit onto the display case. Using the impact drill with the extended drill bit (Phillips #2), secure the two self-drilling mounting screws back in place.

*Unit is now fully tensioned with retraction time of 3-5 seconds (or as desired).*



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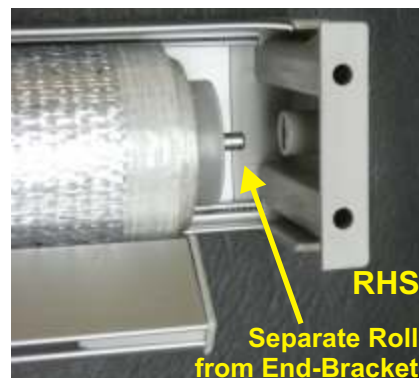
## Retensioning the 7000 Series ECONOFROST Night Cover (Cont'd)

### Option TWO - Setting the Spring Tension Using the End-Bracket

#### Step 1.

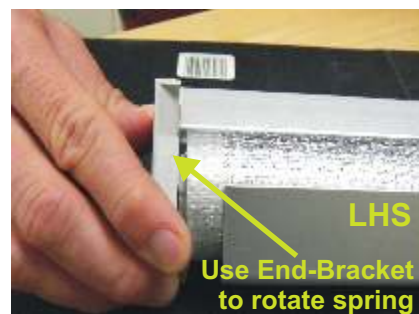
Using a Phillips screwdriver, remove the LHS end-bracket screws (*ensure you keep a solid hold on the end-cap*). If there is any tension left in the spring, you will feel it and the spring will want to unwind. Release any remaining tension on the spring.

Pull the roll out of the right hand end-bracket slightly so that the night cover roll extends past the aluminum cassette housing (the end-pin on the LHS must be clear of the aluminum cassette housing to allow the end-bracket to freely turn).



#### Step 2.

Using the LHS end-cap, rotate the spring clock-wise 18-25 complete turns. Be sure to hold on to the night cover unit so it does not unwind at the same time. Do not over tension and do not apply side pressure (spring may break).

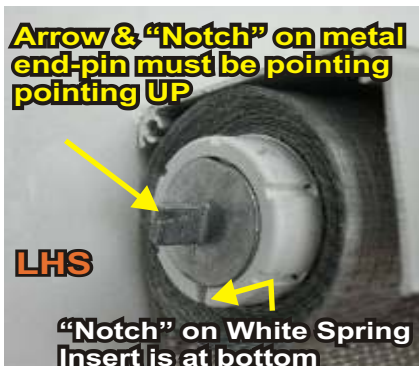


#### Step 3.

It is important to lock the tension in place after winding the spindle. After you have completed the rotations on the unit, carefully reverse the rotation  $\frac{1}{4}$  to  $\frac{1}{2}$  turn to lock the tension in place. **Important: To lock tension, "notch" & arrow (on metal end-pin as in picture) must be pointing up.**

Hold the end-bracket in place while replacing the right hand side back into position and carefully manoeuver the left hand end-bracket into place on the cover. With a firm grasp on the unit and end-bracket, secure the 2 end-bracket screws.

We recommend you fasten them only part way first so you may test the tension of the unit. If tension is adequate, fasten them fully, if tension is not adequate, repeat steps 2 and (the first part) of 3 until the desired tension has been achieved.










#### Step 4.

Once the tension has been adequately reset, reinstall the unit onto the display case. Using the impact drill with the extended drill bit (Phillips #2), secure the two self-drilling mounting screws back in place.

*Unit is now fully tensioned with a retraction time of 3-5 seconds (or as desired).*



## ECONOFROST 7000 Series Manual Retrofit Cassette **Parts List**

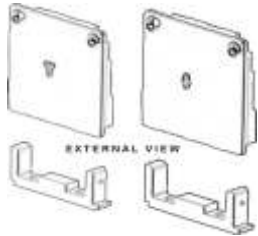
Ref#	Description	
71104	4ft Econofrost 7000 Series Manual Retrofit Cassette Night Cover	
71106	6ft Econofrost 7000 Series Manual Retrofit Cassette Night Cover	
71108	8ft Econofrost 7000 Series Manual Retrofit Cassette Night Cover	
Ref#	Description	
75521	End-Bracket for Cassette Housing	
Ref#	Description	
75503	SlimLine Clip-on Handle	
Ref#	Description	
75502	Secure Snap Clip-on Magnet	
Ref#	Description	
75514	Spring Assembly (6 & 8ft)	
75515	Spring Assembly (4ft)	
Ref#	Description	
75512	Brake Insert	
Ref#	Description	
75528	Bottom Rail Profile End-Cap	

# Helpful Tips..!

## IDENTIFYING YOUR ECONOFROST UNIT

### 6000 SERIES

*Discontinued. Identified by the mounting end-brackets - "I" or "T" slot*



### 5000 SERIES

*Recently discontinued. Identified by handle and two styles of end-brackets. One end-bracket has hold for Allen Key (for adjusting spring tension), the other does not.*



### 9000 SERIES

*Current model. Identified by handle, magnets and end-brackets.*



### 7000 SERIES

*Special request model. Identified by handle, magnets, end-brackets (with plugs) and slender cassette housing.*

