

ECONO FROST®

NIGHT COVERS FOR OPEN REFRIGERATED DISPLAY CASES



INSTALLATION & RE-TENSIONING Instructions

www.econofrost.com
800.519.1222

THE
9000
series

Simply the best night cover on the market

ECONOFROST 9000 SERIES MANUAL RETROFIT CASSETTE INSTALLATION GUIDE

Parts Included in Assembly Pack

- 2 x Mounting brackets
- 2 x #8 self drilling / self tapping screws
- 1 x Hook for handle (Optional)

Tools Required

- Level
- Step ladder
- Impact Drill (carbide drill bit recommended for drilling stainless steel)
- Pencil or scribe
- Phillips head #2 screwdriver
- It is also recommended to have on hand extra mounting screws (#8, 3/4" Pan Head, Self-Drilling, Self Tapping screws)

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 1,100 lbs.
- 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 9000 Series night covers

INSTALLING THE 9000 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 beginning.

▶ Step 3.

Using a pencil or scribe, mark the left hand side (LHS) of the case canopy where you will mount the first bracket. Slide the Endcap tab piece out of the mounting bracket and using a pencil, mark the LHS of the case where you will mount the bracket. Use 2 x #8-3/4" self drilling / selftapping screws to secure this Endcap bracket.

▶ Step 4.

Hold the unit and using your level tool, verify that it is perfectly level before securing the right hand side (RHS) bracket.

▶ Step 5.

Gently slide on the cassette unit mounting bracket to LHS Endcap tab piece, then move along the cassette and position it to mark where the RHS Endcap bracket will be installed. Using your pencil, inscribe its position on the display case. Remove the night cover so that you may now install the Endcap tab piece just like you did with the LHS.

▶ Step 6.

Slide the entire cassette unit into place making sure the mounting brackets are flush against the Endcap tab piece. Before you secure the set screws on the top side, check that the set screw holes are aligned and that the unit is level (ladder required).

▶ Step 7.

Before installing the next one, test the retraction of the night cover by pulling the fabric down to the bumper and release it. Standard factory-set retraction time is 3-5 seconds. If unit has lost tension, please refer to the Re-tensioning instructions (over page).

*If a hook-for-handle 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 7.1 otherwise proceed to Step 8.

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

▶ Step 7.1.

To install the hook-for handle (optional), 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 drill, attach the hook to the case bumper and use your level to ensure it is straight.

*When installing subsequent units, align all hooks at the same level.

▶ Step 8.

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 9000 SERIES MANUAL RETROFIT CASSETTE RETENSIONING GUIDE

Econofrost night cover units come factory pre-tensioned.

Occasionally during transport the night cover may lose its original tension. Prior to installing the cassettes, installer should confirm the tension is set.

The standard retraction time is 3-5 seconds for complete retraction of the night cover (this equals 18-25 complete turns on the spring mechanism using the Allen key).

Tools Required:

- Phillips head screwdriver
- Step ladder
- 5mm Allen key

Retensioning Instructions

If Econofrost unit is currently installed (removal)

Remove the set screws on both mounting brackets so that you may slide off the cassette unit (mounting Endcap tabs should remain affixed to the display case.)

Setting Spring Tension Using Allen Key

▶ Step 1.

Identify LHS mounting bracket with the safety locking screw. The locking screw should only be removed to adjust tension. Remove screw.

▶ Step 2.

Once the screw is removed a recessed hex shaped hole should be visible. This is where the Allen key fits.

*Recommend using a 5mm Allen key.

▶ Step 3.

Insert the Allen key and push in until it unlocks the setting and the spring tension is released.

While maintaining pressure on the recessed spring, turn the hex key 18-25 times clockwise.

▶ Step 4.

Once the expected tension is reached, carefully bring back the spring insert to seat it in its original channel setting by releasing the pressure on the Allen key. Replace the safety locking screw in the center of the hex key hole. Be careful not to push the spring insert back into the channel.

▶ Step 5.

Slide the night cover back onto Endcap mounting tabs (attached to the display case) and secure the set screws in the top that will once again hold the unit in place.

Unit is now fully tensioned with retraction time of 3-5 seconds

