



# Getting the most out of your Killion Self-Contained Display!



95% of all temperature problems are caused by 5 issues that you can quickly solve at store level.

**WARNING: WHEN SERVICING YOUR DISPLAY BE SURE TO FOLLOW ALL SAFETY PROCEDURES FOUND ON THE BACK OF THIS SHEET, THE SERVICE MANUAL AND LABELS ON THE UNIT:**

## #1 Dirty condenser coil.

This is the number one problem with any Self-Contained display. To check for a dirty coil remove the lower front panel and inspect the coil. If it is dirty, brush off the dirt and vacuum clean.

**Note: This coil should be cleaned once a month.**



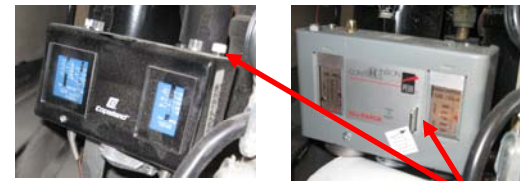
## #2 Blocked exterior intake or discharge air grills.

Be sure that the lower front intake air and lower rear discharge grills are not blocked.



## #3 Compressor reset.

If the coil was dirty or if the intake was blocked your display may need to be reset. Remove the back panel and push the reset buttons. After doing this please reinstall the back panel.



You will have one or the other push here

## #4 Blocked interior return or discharge air grills.

Be sure that the lower return air and the top discharge grills are not blocked. By keeping these clear you will greatly enhance display performance.



## #5 Electrical.

Be absolutely sure that this unit is on its own circuit from the breaker panel. If it is shared with another device or is on a long extension cord you will have problems.



For more details on proper maintenance and service please see the back side of this sheet or your service manual



## MAINTENANCE

Regular periodic cleaning will ensure proper operation, minimize maintenance costs, and prolong the life of refrigerated merchandisers. The following maintenance should be performed every three months. Depending on the conditions of your store, you may need to increase maintenance intervals.

### WARNING

Remove product to a suitable storage refrigerator while performing maintenance. Turn off refrigerated merchandiser and disconnect from electrical source prior to performing maintenance.

### Relocating / Moving

Before moving or relocating a case that has been in use, it is important to remove all condensate water from all water dissipater and evaporator pans, so that water damage does not occur. A wet/dry vacuum works well to remove water.

### Routine Maintenance

- Clean all dust and debris from the merchandising display areas.
- Clean dust off all return vents, honeycomb, and panels with warm water and a mild detergent or soap.
- Remove the bottom deck (above fan plenum) screws to expose the fan plenum. Remove fan plenum screws to expose the evaporator coil and drain pan liner.
- Remove the shelving and display racks and clean case interior with a damp rag soaked in mild soap and water. Wipe down light tubes and interior surfaces.
- Vacuum interior bottom and wipe clean the sediment or deposits in the coil drain pan liner. Wipe evaporator fan blades clean to remove any dirt or film that may be accumulated on them. Use caution not to bend blades with undue pressure.
- Clean evaporator coil with a non-acidic, EPA approved cleaner, such as Nu-Brite or Alka-Brite, or comparable product.
- Flush the condensate water line with water. Make sure that the drain valve (located inside the lower left access panel) is open, and the drain hose is securely in a floor sink, or a suitable drain pan. Be sure to close valve once the unit has completely drained.
- Remove front and rear panels, as well as the drain hole access panel to gain access to the condensing unit area located on the bottom rear of the unit. Vacuum the interior cabinet.
- Check refrigerant level through sight glass (located near the condensing unit), if bubbles are visible, the unit is low on refrigerant. (Call a qualified refrigeration service technician for service).
- Vacuum dust and debris from condenser coil and motor area. Clean condenser coil with a non-acidic, EPA approved cleaner, such as Nu-Brite or Alka-Brite, or comparable product.
- Clean out dust and water deposits, and wet-vac water and sediment from dissipater tray and wipe interior of dissipater clean of all sediment.
- Replace any decks, plenums, panels, screws, etc. that may have been removed during the maintenance procedure.

If you need further assistance, please call Killion's customer service department at 1-800-421-5352.