

## Coolgenix™ Case Cleaning Checklist

### ! CAUTION

Do not perform these procedures until you have been properly trained by store personnel to clean the cases or watched the Hillphoenix Case Cleaning Guidelines video. Make sure you follow safety procedures outlined by your organization and abide by any state and local codes that may apply.

#### Pre-Cleaning Check List

- Identify the cases that need to be cleaned (Note: Multiple cases usually run on the same refrigeration circuit, so plan on cleaning all cases on that circuit at one time)
- Post safety signs in the area of the cases that are going to be cleaned
- Remove the product from the cases and relocate to a refrigerated storage area
- Turn off the refrigeration to the cases, there are several options:
  - Turn off at the power supply
  - If your case is equipped with a clean switch button, push the button. The push button allows for a 90 minute delay and will automatically turn back on after 90 minutes
  - If your case is equipped with a cleaning toggle switch, flip the manual toggle off to clean and manually flip back on when case is cleaned
  - If you are unable to turn the refrigeration off to the case by the above methods, put the case in a manual defrost through the Dixell Controller -



Push the **DOWN** key for more than 2 seconds and a manual defrost will start on the Dixell Controller. The controller must be turned back on when finished cleaning.

- If your case is equipped by a different type of controller, refer to the controller manual for putting the case into manual defrost for case cleaning
- Turn off the electrical circuits to the case at the power supply
- Wait until the Coolgenix deck pans are room temperature before removing - the center pan will have a sensor attached on the bottom of the deck pan, detach the sensor before removing the pan



Location of pan sensor found on the bottom of the center deck pan in the display case.

- Visually inspect the cases for debris and ice
- Check the drain to make sure it is not clogged
- Gather all necessary cleaning materials
  - Mild cleaning solution
  - Sanitizer

- Clean towels or paper towels
- Soap and hot water (Cleaning tank only)
- Non-abrasive cleaning pads
- Glass cleaner

### **Case Cleaning Check List**

#### **1. Clean the top sill**

- Spray the top sill with a mild cleaning solution and wipe it down with a clean cloth or paper towel
- Spray the top sill with sanitizer and allow it to air dry

#### **2. Clean the rear doors and tracks (if applicable)**

- Remove the rear doors from the tracks
- Use a mild glass cleaner and a clean paper towel or cloth and wipe down the doors
- Spray the doors with sanitizer and allow them to air dry
- Spray the door tracks with a mild cleaning solution and wipe them down with a clean cloth or paper towel
  - A bottle brush may be used for cleaning the grooves in the door track
  - When cleaning the rear door tracks, be sure to clean the debris to the outside of the door track where there is a “wipe-out” groove machined into the track.
- Replace the rear doors into the tracks

#### **3. Clean the Coolgenix display pans and interior components**

- Depending on the case design, the front glass will lift or swingout to access the Coolgenix pans
- Make sure the surface of the pan is room temperature before cleaning
- If you have not done so already, remove the pan sensor located on the bottom of the center pan in the case
- If the case is equipped with quick connects, disconnect the coolant hoses from the pans using



the quick connects on the hoses. Don't worry – it is normal for a few drops of the secondary fluid to escape when disconnecting the pans. It is a food grade solution that will not harm you or the case.

Quick connect hoses. Push the gray button to disconnect the hoses to remove the Coolgenix deck pan.

- Coolgenix shelving and step deck applications will have the quick connects for ease of removal for cleaning
- If the case is not equipped with quick disconnects, carefully lift the pans and lean against the front of the case until the case tank is cleaned
- Remove the pan spanner bars and rear pan support bars

- Spray the Coolgenix deck pans, spanner bars and rear pan support bars with a mild cleaning solution and wipe them down with a clean cloth or paper towel
- DO NOT put the deck pans in the dishwasher. Elevated temperatures can cause them to distort and leak with the increase in internal temperature
- Spray the deck pans, spanner and rear pan support bars with sanitizer and allow them to air dry

#### **4. Clean the tank**

- Thoroughly spray the tank with soap and hot water or a cleaning solution and let stand for 5 minutes
- Do not spray cleaning solution or water directly on electrical connections
- Scrub any heavily soiled areas with a non-abrasive cleaning pad
- Rinse the case interior using warm to hot water
- Apply sanitizer solution to the tank
- Dry interior glass with clean, dry paper towels or cloth
- Allow the remainder of the case to air dry

#### **5. Clean the front glass**

- For standard glass, use a mild glass cleaner and a clean paper towel or cloth to wipe the glass
- For non-glare glass, refer to special cleaning instructions contained on the CD or in the case installation manual

#### **6. Clean prep areas**

- Remove cutting board
- Spray the cutting board with a mild cleaning solution and wipe it down with a paper towels or a clean cloth
- Spray the cutting board with sanitizer and allow it to air dry
- Spray the rear sill with a mild cleaning solution and wipe it down with paper towels or clean cloth
- Spray the rear sill with sanitizer and allow it to air dry
- Replace the cutting board

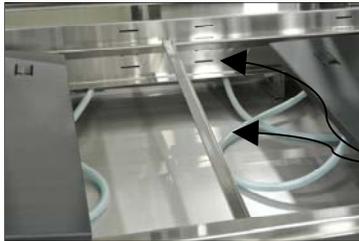
#### **7. Clean the exterior**

- Spray the exterior panels with a mild cleaning solution and wipe them down with a paper towel or clean cloth
- Spray the exterior panels with sanitizer and allow the panels to air dry

#### **Post Cleaning Check List**

- Make sure that the drain is free of debris that could have accumulated during cleaning
- Clean up any spills on the floor
- Make sure that all components have completely air dried

- Turn on the electrical circuit and verify operation of electrical components
- Turn on the refrigeration to the cases either at the power supply, through the controller or it will automatically turn back on after 90 minutes if the push button cleaning switch is installed on the display case
- Re-install the Coolgenix deck pans, spanner bars, and rear pan support bars back into the case.



It is essential to insure the spanner bars are set back in place to prevent the pans from warping

Adjustable rear pan support is shown at top arrow.  
Spanner bar is located between pans to prevent pans from warping.

- If you have Coolgenix deck pans with disconnects, reconnect the pan to the quick connect hose
- Reconnect the sensor to the center pan and insure proper contact - The sensor is essential for the case to PROPERLY FUNCTION AND MAINTAIN PROPER PRODUCT TEMPERATURES.



Location of pan sensor found on the bottom of the center deck pan in the display case.

- Once proper temperature is established in the case, restock the case according to the store plan-o-gram