Chamber Care 101: Preparations for Periods of Inactivity
Extended Shutdown Procedures

If your chamber will be inactive for less than two weeks, it is best to keep it running.
Extended Shutdown Procedures

If your chamber will be inactive for more than two weeks, all plants and soil should be removed from the growth area and the unit should be cleaned.
Recommended Cleaning Solutions

Soap and Water (light cleaning)

• Soap and Water.
• Mix a solution of two teaspoons (10 milliliters) of liquid detergent in two quarts (2 liters) of warm water.
• Wipe the surface with a soft cloth saturated in the solution.
Vinegar and Water (medium cleaning)

- Mix a solution of one-part white vinegar to 20 parts warm water.
- Wipe the surface with a soft cloth saturated in the solution.
Recommended Cleaning Solutions

**CLR® (harder to clean areas)**

- Use either CLR Pro Metal Cleaner or CLR for Stainless Steel.
- Always try a sample area that is not noticeable in case of an adverse reaction to some of the painted aluminum.
- Always follow the instruction provided and safety guidelines with the product.
Clean the Light Barrier (if equipped)

To clean plastic light barriers (A1000 & GEN1000)

1. Ensure the main disconnect switch is OFF.
2. Use the soap and water solution to clean the light barriers.
   a) Wipe the surface with a soft cloth saturated in the solution.
   b) Allow the mixture to set on the glass for a few minutes to penetrate any dirt and grime that may be present.
   c) After a few minutes, use a sponge or soft cloth to remove the mixture.
   d) Rinse with a soft cloth.
   e) Buff with a soft cloth to restore the shine.
Clean the Light Barrier (if equipped)

To clean the tempered glass barriers (BDR16 & BDW40)

1. Ensure the main disconnect switch is OFF.
2. Use the vinegar and water solution to clean glass barriers.
3. Wipe both sides of glass and wipe dry with a soft cloth.
Clean the Interior Surfaces

To clean chamber interior surfaces
1. Use the soap and water solution to clean the interior surfaces.
2. Wipe the surface dry with a soft cloth.

To clean Stainless Steel Panels
1. Use the soap and water solution or a diluted isopropyl alcohol solution to clean the stainless-steel panels.
2. Wipe the surface dry with a soft cloth.
Clean the Unifloor®

To clean chamber Unifloor

The cabinets with Unifloor installed have a drain pan underneath the floor that should also be cleaned along with the Unifloor to remove excess soil, water and debris.
Emptying the A1000 Humidity Reservoir (A1000, GEN1000 models)

1. Turn the chamber off.
2. Take the chamber lid off by unscrewing the 3 Phillips Head screws.
3. Open the humidifier tank.
4. Newer model A1000s have a rubber drain plug that you can take out to drain the water.
5. Older A1000s will require you to scoop the water out with a small container or cup (using a sponge is also helpful but be sure to get all moisture out).
6. Turn off building reverse osmosis water supply to chamber.
Drying the Chamber

If not using the chamber for an extended period, it is important to burn off any moisture within the chamber by:

1. Program the chamber to 40°, full lights on for 24-48 hours (no RH control).

2. Following this cycle, keep the door slightly ajar to allow the chamber to ‘breathe’.

When turning the chamber back on for the first time it is important that the unit performs to specification, to ensure this please program the chamber for 24 hours running through a full temperature and humidity cycle.
Learn more about chamber care, preventative maintenance and service at info@conviron.com