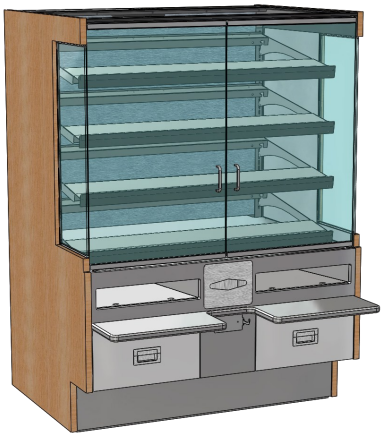
CAREFULLY FOLLOW THESE INSTRUCTIONS

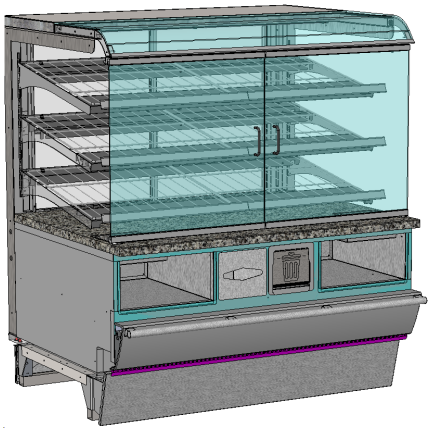
FUSION USER MANUAL

SCC P/N 20-29787

FUSION SELF-SERVICE AMBIENT BAKERY MERCHANDISERS

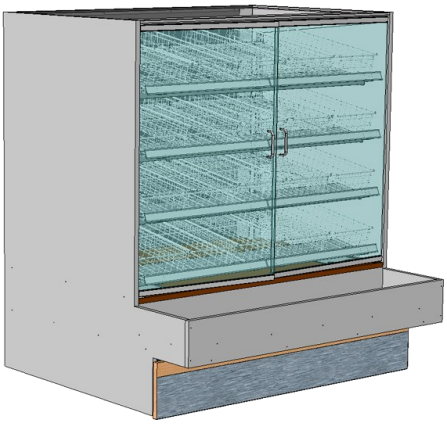


GHPF456LB.6165 (With Two Front Drawers And Two Front Work Surfaces)

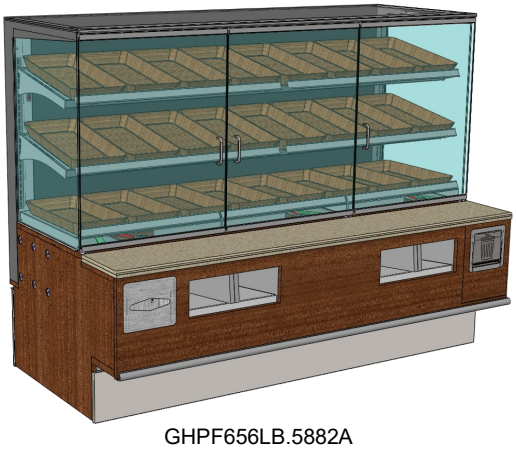


CDR5838 (With Standard Wire Racks, Curved Top Glass and Solid Surface)

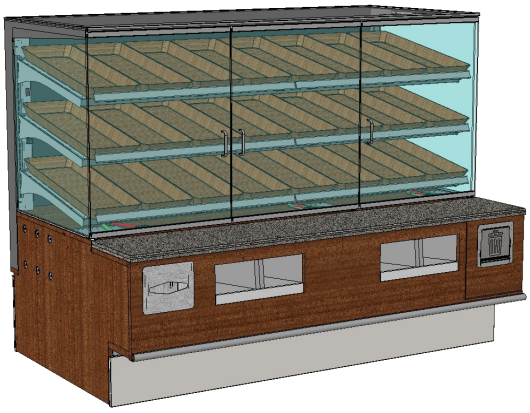
CDR7586B (With Laminate Packaging Ledge, Tissue Dispensers, and Reflective Rear Sliding Doors



GHPF456LB and GHPF552LB
(With Standard Wire Racks And Optional Wire Baskets)

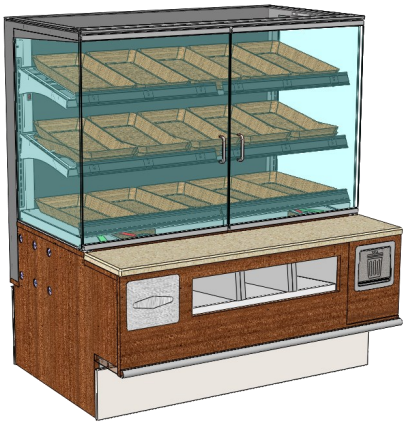


GHPF656LB.5882A
(With Optional Wicker Baskets)



GHPF656LB
(With Optional Wicker Baskets)

GHPF356LB
(With Optional Wicker Baskets)



GHPF456LB.5882
(With Optional Wicker Baskets)

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DELIVERING FRESH. ALWAYS.™ Structural Concepts Corp. · 888 E. Porter Rd · Muskegon, MI 49441 Phone: 231.798.8888 Fax: 231.798.4960 · www.structuralconcepts.com

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OVERVIEW

- These Structural Concepts cases should be installed and operated according to these instructions to ensure proper performance. Improper use will void warranty.
- This unit is designed to display of products in ambient store conditions with a max. temperature of 80 °F (27 °C) .

COMPLIANCE

- Performance issues when in violation of applicable NEC, federal, state or local electrical codes are not covered by warranty. See below.

PRECAUTIONS

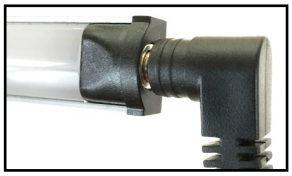
- Following are important precautions to prevent damage to unit or merchandise. Read carefully!

WIRING DIAGRAM

- Each case has its own wiring diagram folded and in its own packet. It may be placed near ballast box, field wiring box, raceway cover, or other related location.

COMPLIANCE

This equipment MUST be installed in compliance with all applicable NEC, federal, state and local electrical and plumbing codes.



CAUTION! LAMP REPLACEMENT GUIDELINES

If LED lamps are used, they must be size, shape and overall design. Any replacements must meet factory specifications.

WARNING

Risk of electric shock.

Disconnect ALL ELECTRICAL SOURCES before servicing.

CAUTION! GFCI BREAKER USE REQUIREMENT

If N.E.C. (National Electric Code) or your local code requires GFCI (Ground Fault Circuit Interrupter) protection, you MUST use a GFCI breaker in lieu of a GFCI receptacle.

CAUTION! POWER CORD AND PLUG MAINTENANCE

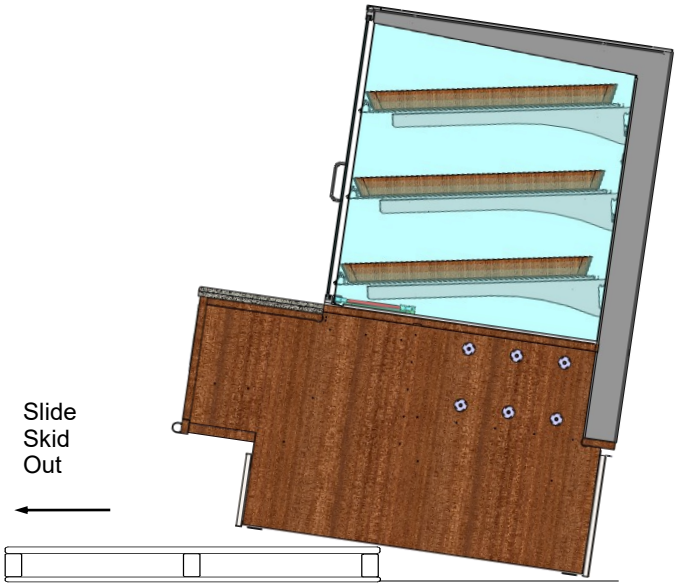
Risk of electric shock. If cord or plug becomes damaged, replace only with cord and plug of same type.

WARNING: This product can expose you to chemicals, including Urethane (Ethyl Carbamate), which are known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to P65Warnings.ca.gov.

INSTALLATION: REMOVAL OF UNIT / POSITIONING CASE / FRAME SUPPORT RAILS

1. Remove Unit From Skid

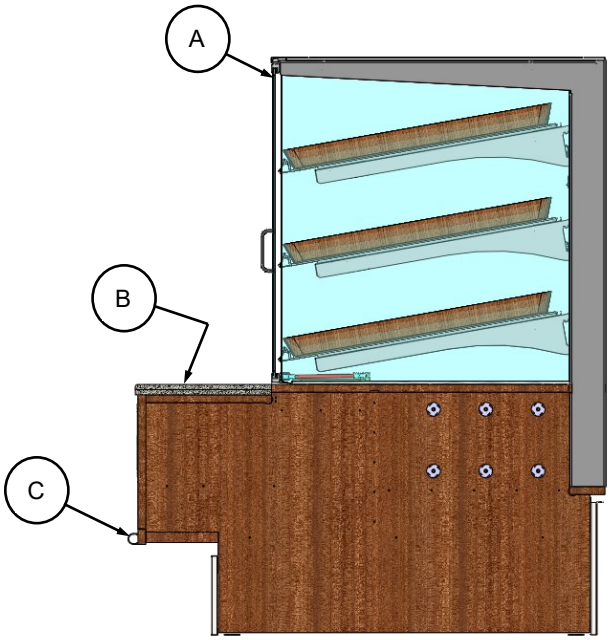
Slide unit to rear of skid and tip backward off skid.

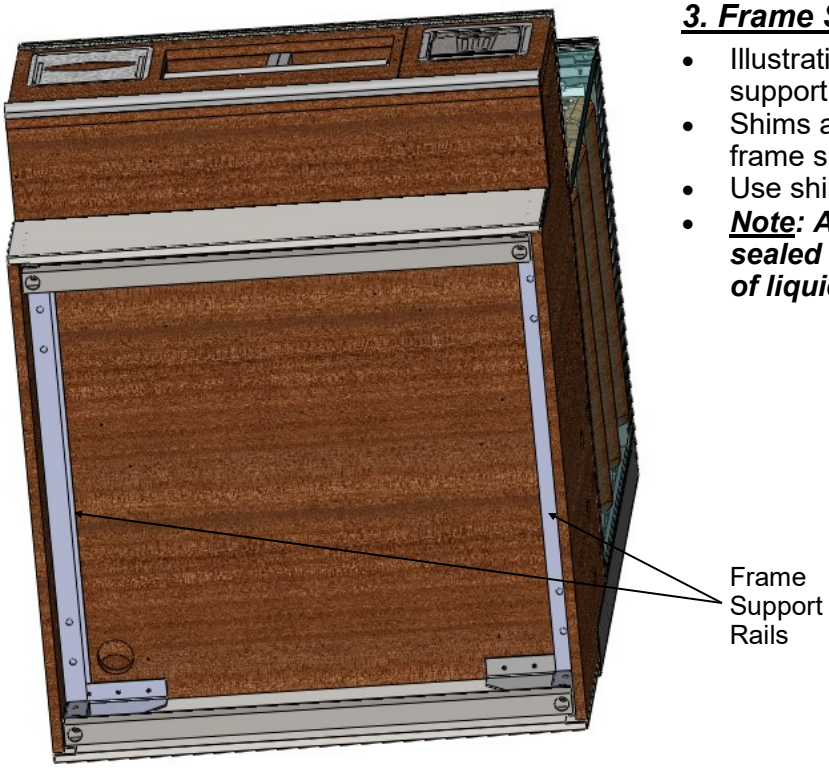


Case can be repositioned with pallet truck when front lower panel is removed. Blocking may be necessary to obtain adequate height.

2. Position & Align Case Alongside Other Cases

- Before shimming, check that the case is in proper position and, if required, aligned with adjoining cases.
- This may require repositioning of the case you are installing <u>or</u> the already positioned cases.
- Align multiple units carefully in areas A, B & C.





3. Frame Support Rails Must Be Shimmed

- Illustration at right shows case with frame support rails.
- Shims are provided with all cases that have frame support rails.
- Use shims to level case.
- ***<u>Note</u>: After case is in position, it must be sealed to floor to prevent entry or leakage of liquid or moisture.***

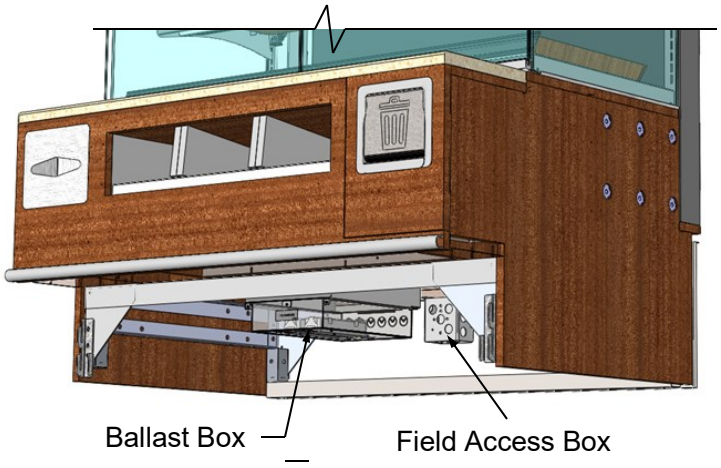
4. Bolting Units Together (Not All Cases)

Bolt units together at lower base as indicated.

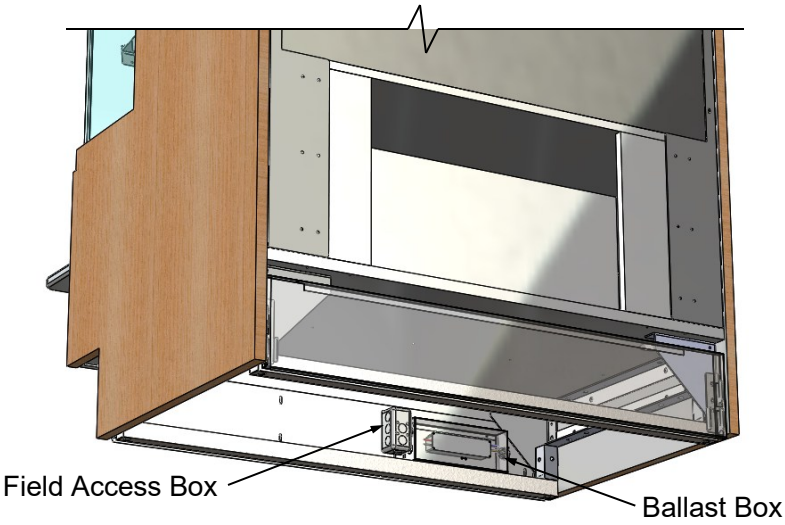
- Remove front and rear panels (no screw removal required) to drill clearance hole through end panel and into unit it is being attached to.
- End panel is shown transparent for illustrative purposes.
- Use SCC-supplied screws for adjoinment.

5. Electrical Ratings

- See ***SERIAL LABEL LOCATION & INFORMATION LISTED / TECH INFO & SERVICE*** section in this manual for instructions on attaining electrical information for your case.



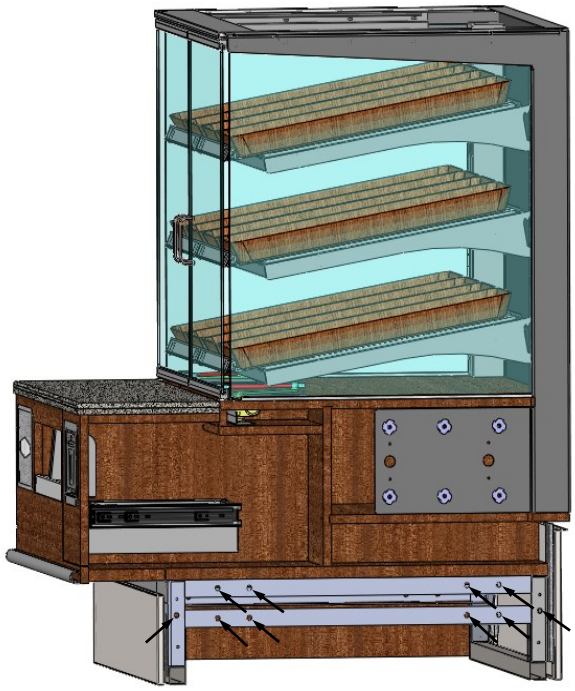
Model GHPF456LB.5882 Shown / Model GHPF456LB Has Field Access Box In Same Location



--- Model GHPF456LB.6165 ---

6. Field Access Box / Ballast Box / 4 x 4 Box

- Field access box with ballasts (for LED lights) may be either at rear or at underside of unit (as shown in illustrations below).



--- Model GHPF356LB ---

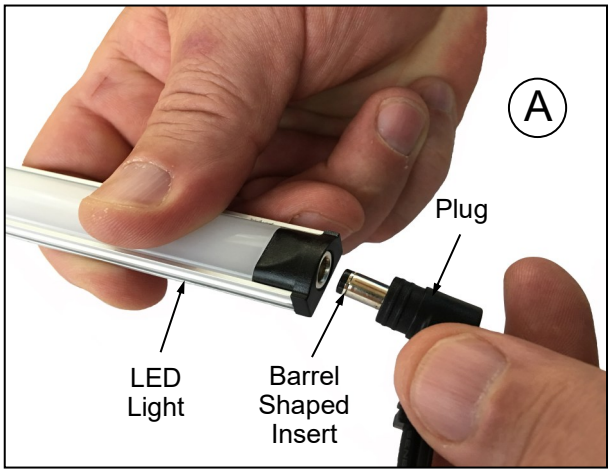
--- Model GHPF356LB ---

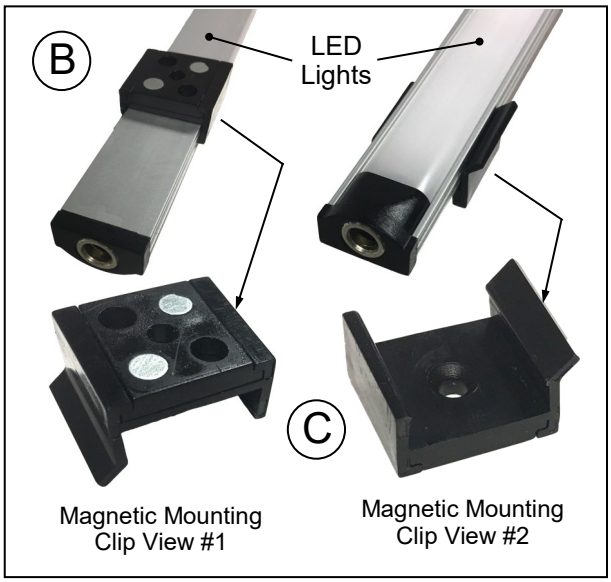
1. LED Style Light Fixtures

Removal of Faulty LED Lights:

- LED lights rarely require change-out.
- Contact Structural Concepts' Technical Service Department for replacement LED lights.
- Turn off LED light switch.
- To remove faulty LED light, follow these steps:
  A. Disconnect plug from LED light.
  B. Using both hands, grasp LED light assembly (with its magnetic mounting clips). Pull downward and off its shelf (or header).
  C. Remove magnetic mounting clips from LED light by pressing against flange part of clip with thumb.

>> Note: Mounting clips MAY be riveted to shelf or header. In such instances, simply remove LED light from mounting clips by pressing against flange part of clips with thumb.





Replacement of LED lights:

- Attach magnetic mounting clips onto LED light.
- Adjust magnetic mounting clips so they are equally spaced on LED light.
- Reattach LED light assembly to its shelf/header.
- Position properly in shelf/header.

>> Note: If mounting clips are riveted to shelf (or header), attach by placing LED in base of clip and then snapping into clip at FLANGE SIDE.

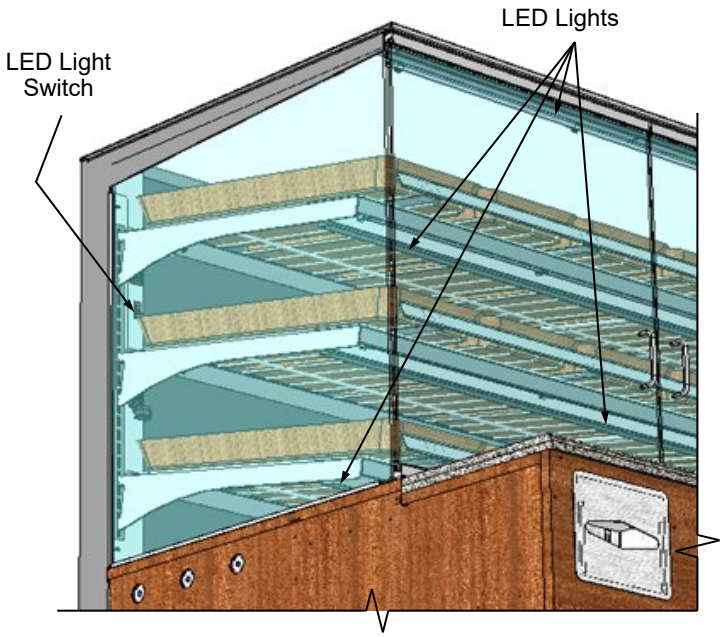
- Press plug's barrel-shaped insert all the way into LED light's orifice.
- Important: If plug is not inserted ALL THE WAY IN the LED light's orifice, light may not energize. See **"BAD"** vs. **"GOOD"** insertion illustrations below.
- Turn LED light switch back on.

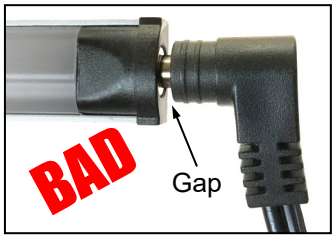
2. Warnings & Cautionary Notes

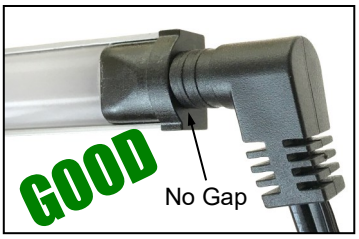
Warning! Disconnect power before providing maintenance and service to unit.

Caution: Lamps have been treated to resist breakage. Replace only with such treated lamps.

Note: Warranty will be void if claims arise from negligence, misuse of goods, extreme environmental conditions or improper maintenance.

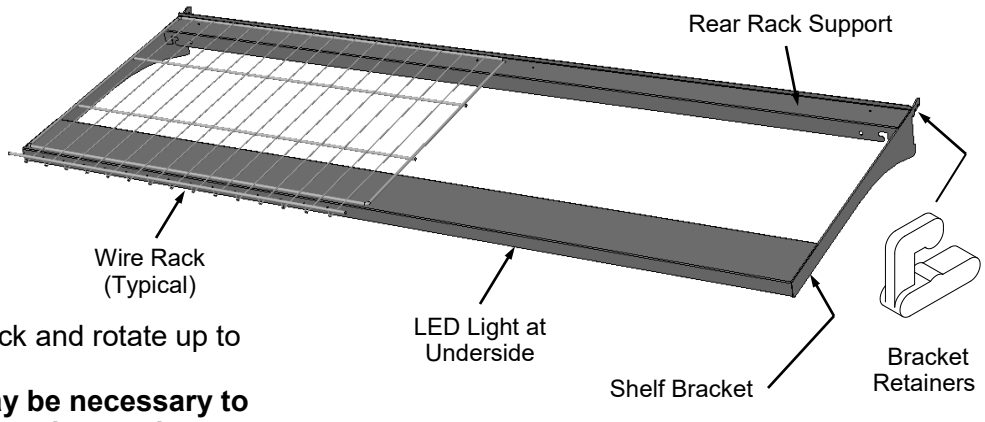






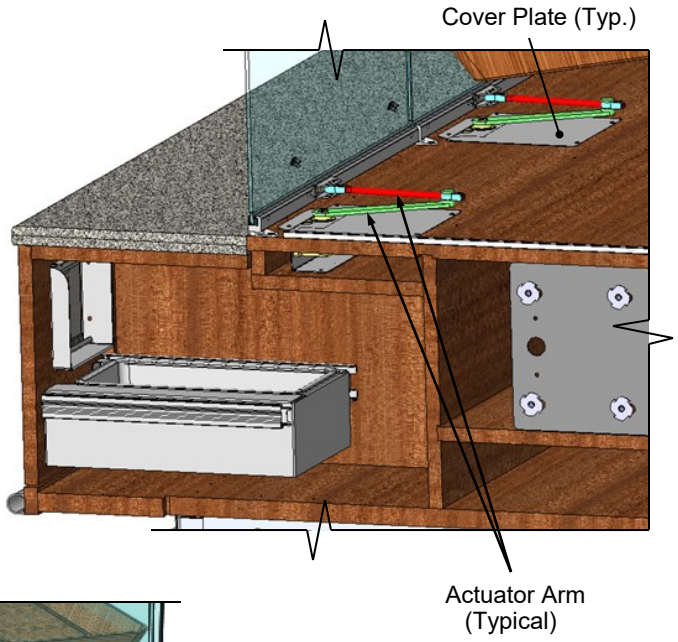
1. Shelf Assembly Removal

- Remove and set aside glass or wire shelves.
- For lighted shelving, unplug light cord and detach from rear shelf support.
- Slide light assembly back to unlock, then rotate up to separate from brackets.
- Slide rear support back to unlock and rotate up to separate from brackets.
- Remove brackets. **Note, it may be necessary to remove the nylon shipping bracket retainer.**
- Pliers will be required to accomplish this task.



2. Door Actuator Removal (For Repair, etc.)

- Remove false deck (no tools required).
- Remove screw from actuator arm.
- Remove 4 screws from actuator cover plate.
- Remove 2 mounting screws that secure actuator to mounting flange.
- Withdraw actuator.

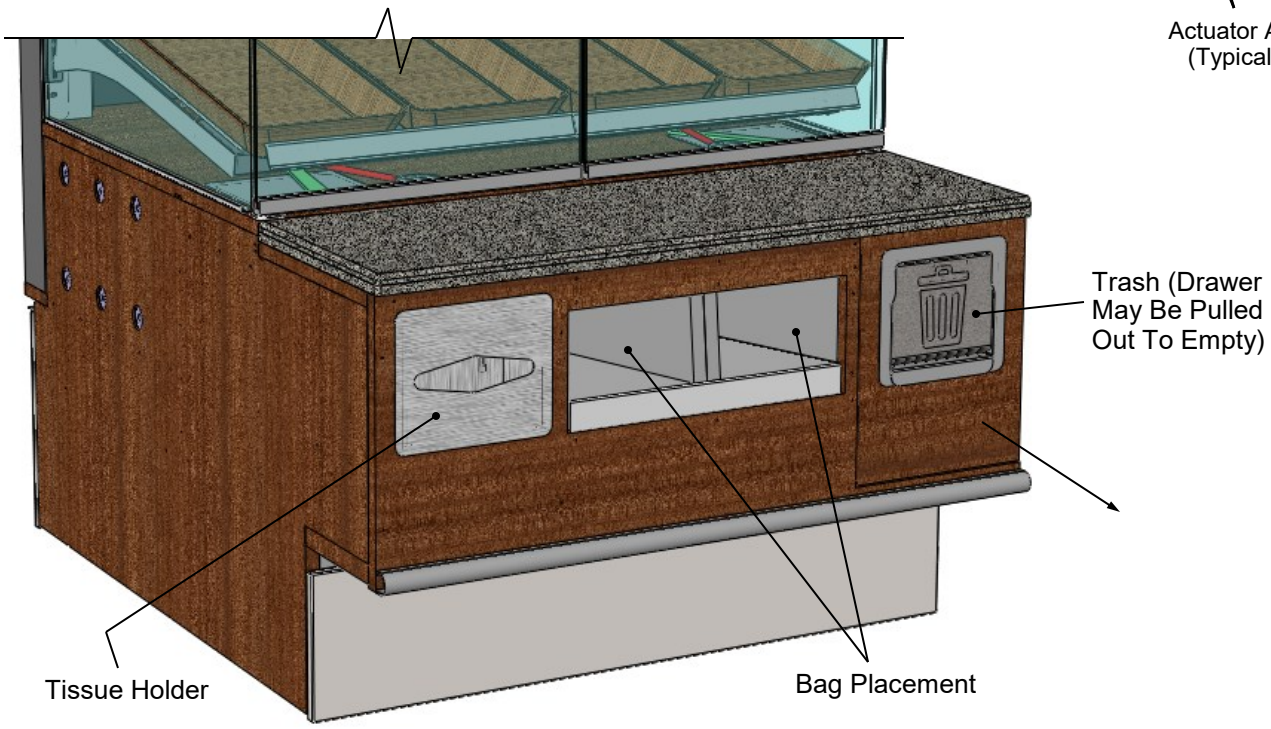


3. Tissue Box

- See illustration below.

4. Trash

- Hinged, spring-actuated flip door provided.
- Drawer may be pulled out to empty trash container.



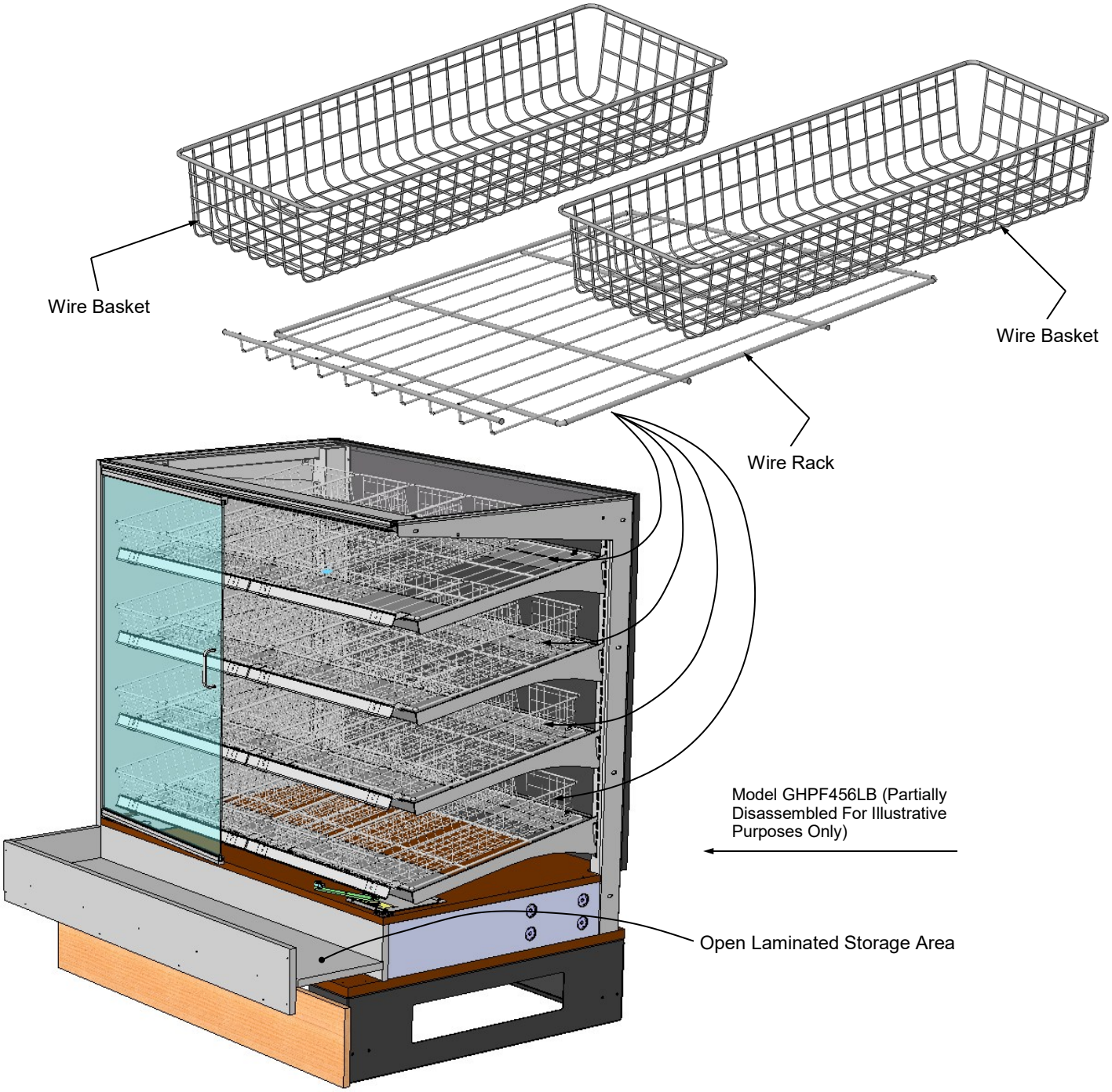
***Note*: Information on This Sheet is Applicable To Model GHPF456LB Only**

1. Wire Racks and Baskets

- Wire racks and baskets are removable for cleaning purposes.
- See cleaning schedule for cleaning specifics.

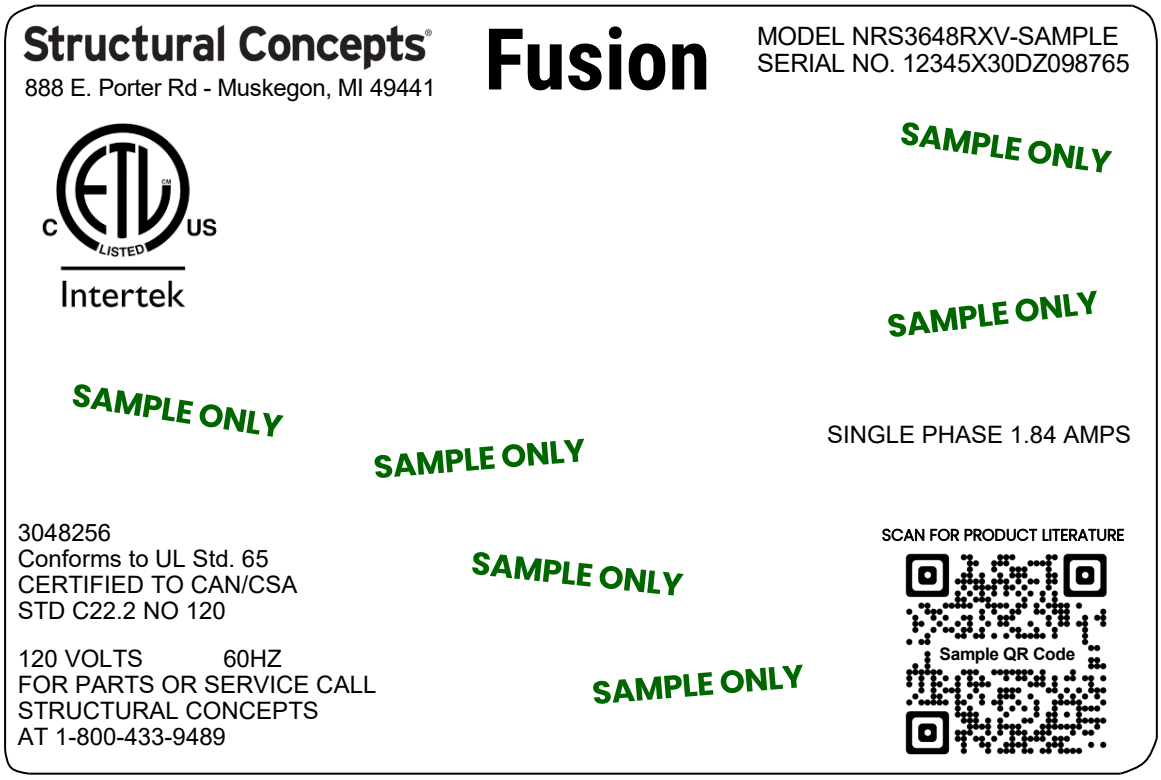
2. Open Laminated Storage Area

- Open laminated storage area is at case front.
- See cleaning schedule for cleaning specifics.



Serial Label Location & Information Listed / Technical Information & Service

- Serial labels are affixed at a wide range of places (on the header, at case rear, behind panels or toe-kicks, on electrical boxes, etc.).
- Serial labels contain electrical information as well as regulatory standards to which the case conforms.
- Sample serial label shown below.
- For additional technical information and service, see the *TECHNICAL SERVICE* page in this manual for instructions on contacting Structural Concepts' Technical Service Department.



--- Sample Serial Label For Ambient/Heated Cases ---

CLEANING SCHEDULE

Cleaning	Daily	Weekly	Monthly	Task
Clean Case Exterior	X			Clean glass doors, sides and top with household or commercial glass cleaner.
	X			Solid surface: See ***ENGINEERED (SYNTHETIC) QUARTZ CARE AND MAINTENANCE*** section in this operating manual.
	X			Open laminated storage area (Model GHPF456LB only): clean with soft cloth dipped in warm soapy water. Wipe down with paper towel or cloth dipped in clean water to rinse away soap residue.
		X		Rear doors and door track: Remove rear doors and clean with a household or commercial cleaner. Clean out door track with moist cloth.
			X	Toe-kicks: To remove dirt, dust and scuffs, clean with soft cloth or soft-bristled brush dipped in warm, soapy water. Wipe down with rag dipped in clean water to rinse away soap residue.
Clean Case Interior	X			Clean glass doors, sides and top with soap and water solution and soft cloth
	X			Wicker baskets can be removed and residue brushed out. For fine, powdery residue, use vacuum with brush attachment.
	X			Solid surface: See ***ENGINEERED (SYNTHETIC) QUARTZ CARE AND MAINTENANCE*** section in this operating manual.
		X		Decking and drawers may be cleaned with soap and water solution and soft cloth. For hardened residue, use soapy water and scrub with non-metallic, soft-bristled brush.
		X		Remove wire racks and wire baskets (and clear plastic liners, if any) and wipe down with soft cloth dipped in warm soapy water. For hardened residue (or for more thorough cleaning), submerse in warm, soapy water and scrub with non-metallic, soft-bristled brush.

ENGINEERED (SYNTHETIC) QUARTZ CARE AND MAINTENANCE

Engineered Quartz Overview	Engineered (Synthetic) Quartz Overview: • Engineered (synthetic) quartz is a 'man-made' product. It is sometimes called "engineered stone." It is made from crushed quartz particles bonded with polyester, styrene, resin, pigments and tert-butyl peroxybenzoate. • It is non-porous, mold and mildew-resistant, and impervious to odor-causing bacteria. • Slabs are specifically sized. Engineered quartz contains a maximum of 94% mineral quartz (though percentages vary). Engineered quartz is extremely resistant to damaging chemicals. • There are many engineered (synthetic) quartz brands. These include Caesarstone, Cambria, Compac, Corian, Daltile ONE, Granite HanStone, Transformations, Kowalski, LG Hausys, LG Viatera, Lunastone, Marble.com, MSI Q, Okite, Pental, Polarstone, Pompeii, Samsung, Sensa, Silestone, Stone Italiana, Vadara, Vena & Vicostone.
Routine Care	For Daily, Routine Care and Cleaning: Engineered (synthetic) quartz require very little maintenance. Simply wipe the surface with neutral pH balanced household detergent and warm water solution with soft sponge or microfiber cloth to maintain its shine. • To prevent fading, keep from harsh, direct sunlight for long periods of time. • General cleaners: use neutral pH balanced household detergent and warm water (4 cups of water/1 teaspoon of detergent). Or isopropyl alcohol (aka rubbing alcohol). Or use any general, all-purpose cleaner, glass cleaner or Pine Sol. Or use Clorox Wet Wipes (as they contain no bleach or and are soft). After cleaning, thoroughly rinse with water and dry with clean cloth to prevent water spots from forming. • Specifically designed cleaners for manufactured quartz: Black Diamond Stoneworks Granite Counter Cleaner, Caldrea Countertop Spray, Clark's Natural Stone Spray Cleaner, Granite Gold, Simple Green, Park & Bailey Granite & Stone Cleaner, Seventh Generation Granite & Stone Cleaner, Stone Care Quartz Clean & Shine, Stone Pro Quartz Countertop Cleaner, Weiman Quartz Countertop Cleaner and Polish.
Difficult Spills	For Difficult Spills, Stains and Spots: • Thoroughly clean with warm water and neutral pH detergent (mixture detailed above) before pursuing next steps. • Clean up high staining liquids such as coffee, tea, fruit juice, lemon juice, vinegar, wine and tomato juice right away. Use warm water and neutral pH detergent to do so. After cleaning, thoroughly rinse with water and dry. • For residues that harden as they dry (food, gum, nail polish, and paint), place wet cloth or paper towel over residue for 10 minutes (to soften its properties); then gently scrape off residue by using a plastic putty knife or plastic scraper; avoid metal blades or scrapers if possible; then clean using warm water and soap. If you must use metal razor blade or scraper, remove gray marks with soap and water. Thoroughly rinse with water and dry to prevent water spots. • Difficult spots may need to be treated with solutions/chemicals BEYOND warm water and neutral pH detergents: A. Water/white vinegar mixture: 2 cups of water with 1 tablespoon of white vinegar in spray bottle; spray surface; allow solution to sit for 2 minutes; wipe off with soft cloth or sponge. B. Soft Scrub Liquid Gel: Apply gel to cloth or sponge (not directly to quartz surface); wipe the area in a circular motion; repeat until spot is removed. C. Goo Gone adhesive remover (for sticky residue). Thoroughly rinse the surface with water and wipe dry to prevent water spots. • Water stain removal: 1 part vinegar + 3 parts baking soda in warm water. Dip cloth in mixture and thoroughly soak stain. Leave for 5-10 minutes; then scrub area with soft brush. Rinse with water and dry with clean cloth.
Extreme Heat Protection	Extreme Heat Protection: • Engineered quartz is extremely resistant to heat, and can withstand moderately high temperatures for brief periods of time without being damaged. • Engineered quartz CAN BE damaged by sudden and extreme temperature changes; thus, use a trivet or a hot pad to protect its surface from hot pans, hot dishes or small appliances that may reach high temperatures.
Chemicals To Avoid	Chemicals To Avoid: • Nail polish remover (acetone), oil soaps, and furniture cleaners or paint strippers that contain trichloroethane or methylene chloride. • Chemicals with an alkaline level of pH >10 (oven cleaners, chloring bleach, lacquer thinner, ammonia, tub and tile cleaner, borax, etc.) • Chlorinated solvents (trichloroethylene or methylene chloride) • Concentrated acids (hydrocyanic acid, hydrofluoric acid, hydrochloric acid, sulfuric acid, nitric acid or CLR) Caution must be used for the following products on engineered quartz surfaces: • Avoid using products containing oils or powders as may leave a residue. • Avoid abrasive scrubs/cleaners (such as Ajax, Comet, Scotch-Brite or oven cleaner) as it dull or discolor the finish. Common stains like coffee, food, makeup, permanent markers, etc.: • Apply the appropriate cleaner with a paper towel and wipe. If necessary, soak with paper towels from 3-10 minutes. • Scrub the area with a non-abrasive cloth or sponge. Rinse and dry thoroughly.
Preventing Scratches	Scratch Deterrence: Engineered quartz surfaces are scratch RESISTANT. However, they CAN be scratched or marred by certain utensils or cleaning materials. • Use a cutting board to avoid damaging the quartz surface and knives. • Never use abrasive scouring pads, steel wool soap pads, Brillo® pads or "Magic Erasers.

Issue	Resolution of Issue
Product is Drying Out	Check the relative humidity in the store.
Case Lights Not Working	Check that light switch is on.
	If power cord is used, check the unit is properly plugged in.
	Be sure **ALL** lights are plugged in properly.
	Check bulb for proper installation and connection.
	Check for burned out bulb.
	Clean dirt and dust from the bulbs to prevent flickering.
	Trained Service Providers Only: After performing all other checkpoints and lights are still not working, check for faulty ballast or circuit breaker box for tripped circuits.

TECH SERVICE/WARRANTY CONTACT INFO:
1 (800) 433-9490 / EXTENSION 1

DAYS/HOURS AVAILABLE:
MONDAY - FRIDAY (CLOSED HOLIDAYS)
8:00 P.M. to 8:00 P.M. EST

YOU MUST HAVE THE FOLLOWING INFO AVAILABLE BEFORE CONTACTING STRUCTURAL CONCEPTS:

SERIAL NO. / MODEL NO. / STORE NO. / STORE ADDRESS / DETAILS (PHOTOS, LEAK LOCATIONS, DAMAGE, STORE'S AMBIENT CONDITIONS, ETC.)

To Access The Limited Warranty To Your Case, Follow These Instructions:

> If Viewing This Document on Smart Phone, Tablet or Computer, Select/Click On The QR Code at Right.

> If Viewing This Document In Print (Hard Copy), Scan The QR Code at Right With Your Smart Phone or Tablet.

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