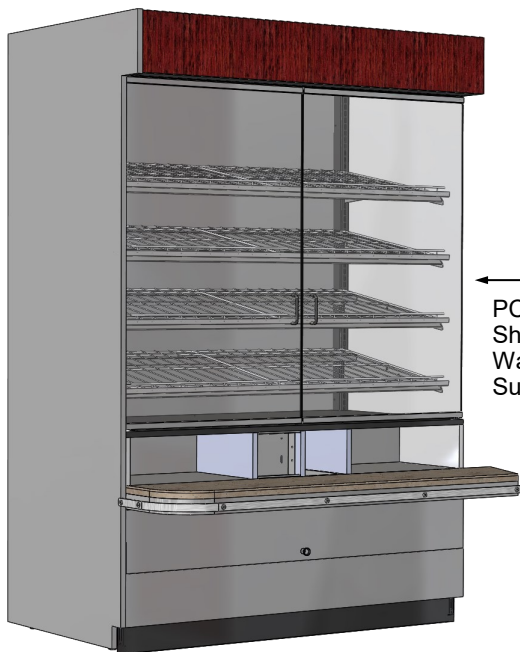


ADDENDA[®]

USER MANUAL

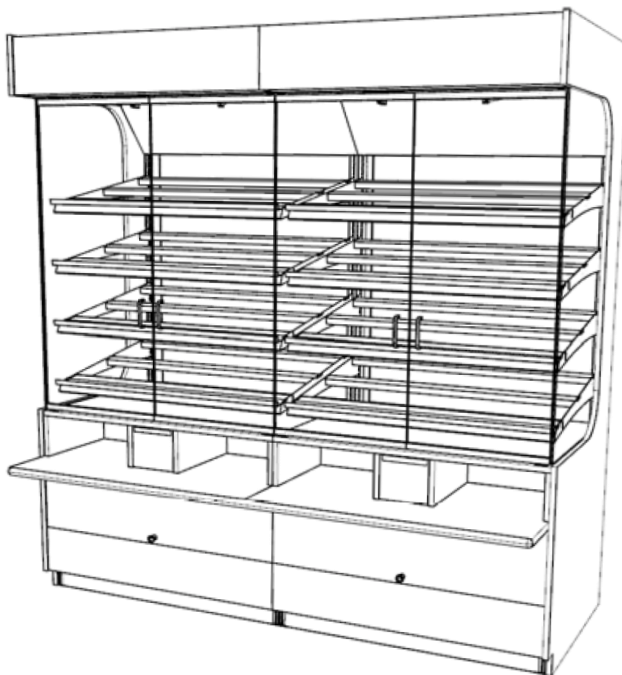
SCC P/N
86772

MODEL PC "WALL SERIES" CASES*
> AMBIENT PASTRY UNITS > TISSUE/BAG DISPENSERS > GLASS HINGED FRONT DOORS



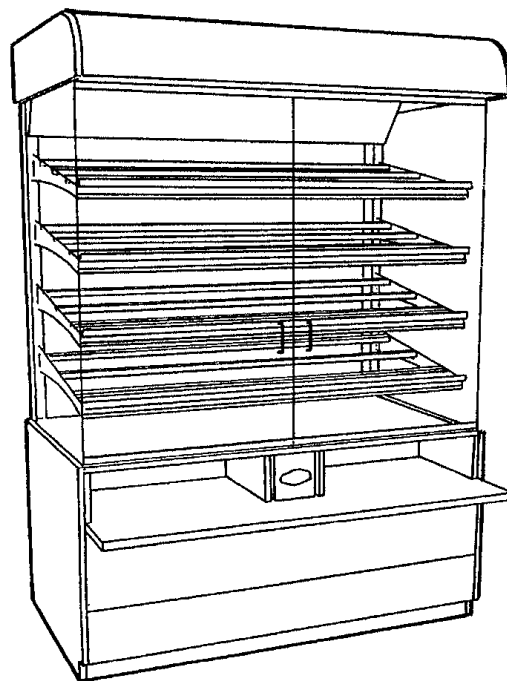
PC3982.6025
Lineup

PC5682.6744 / Wire
Shelving Racks /
Waste Bin / Solid
Surface Front Shelf



PC5682.5584 / Solid
Shelving / Waste Bin /
Tissue Box Holders /
Front Shelf
Note: Unit is Similar
to PC5682.6769.

PC5682



* This Manual Pertains To Models PC3982, PC5682, PC5682.5584A, PC5682.6744, PC5682.6769, PC7482 And Other CDRs.

Structural Concepts[®]

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

TABLE OF CONTENTS

OVERVIEW / TYPE / COMPLIANCE / WARNINGS / PRECAUTIONS / WIRING / PLUGS	3
INSTALLATION / POSITIONING AND ALIGNING / ADJUSTING LEVELERS	4
INSTALLATION, CONTINUED: BOLTING ADJOINED UNITS	5
INSTALLATION, CONTINUED: PACKAGE LEDGE ADJOINING / HEADER ADJOINMENT / MIRROR	6
ELECTRICAL FUNDAMENTALS: FIELD WIRED MODELS	7
ELECTRICAL FUNDAMENTALS, CONTINUED: PLUG/CORD UNITS	8
ELECTRICAL FUNDAMENTALS, CONTINUED: T-8 / FLUORESCENT BULBS	9
ELECTRICAL FUNDAMENTALS, CONTINUED: LED LAMPS	10
ELECTRICAL FUNDAMENTALS, CONTINUED: LIGHT SWITCH, RECEPTACLE AND PLUGS	11
MAINTENANCE: SHELF ASSEMBLY REMOVAL	12
MAINTENANCE, CONTINUED: FRONT FLIP-UP DOOR / WASTE BIN ACCESS (CERTAIN MODELS ONLY)	13
MAINTENANCE, CONTINUED: AXIAL EXHAUST FANS / FLIP-DOWN WASTE BIN & TISSUE BIN ACCESS	14
GENERAL CLEANING	15
ENGINEERED (SYNTHETIC) QUARTZ CARE AND MAINTENANCE	16
TROUBLESHOOTING	17
SERIAL LABEL & LOCATION / INFORMATION LISTED / ADD'L TECH INFO & SERVICE	18
TECHNICAL SERVICE CONTACT INFORMATION / WARRANTY INFORMATION	19

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

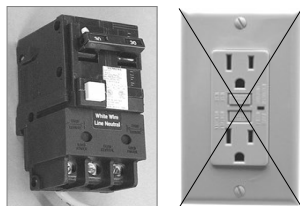
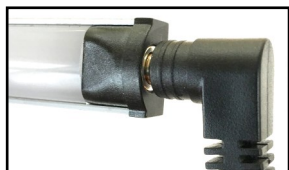
- Performance issues when in violation of applicable NEC, federal, state or local electrical codes are not covered by warranty. See below.

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.

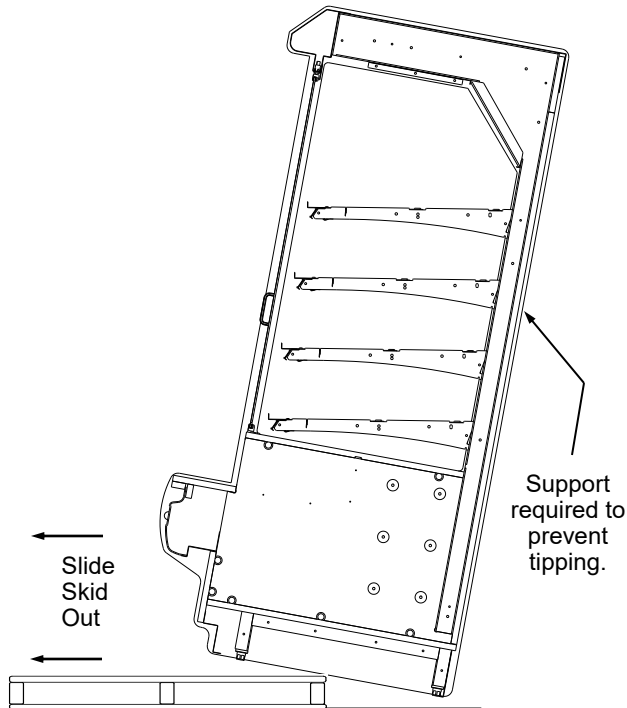
CAUTION! POWER CORD AND PLUG MAINTENANCE
Risk of electric shock. If cord or plug becomes damaged, replace only with cord and plug of same type.

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 / POSITIONING AND ALIGNING / ADJUSTING LEVELERS

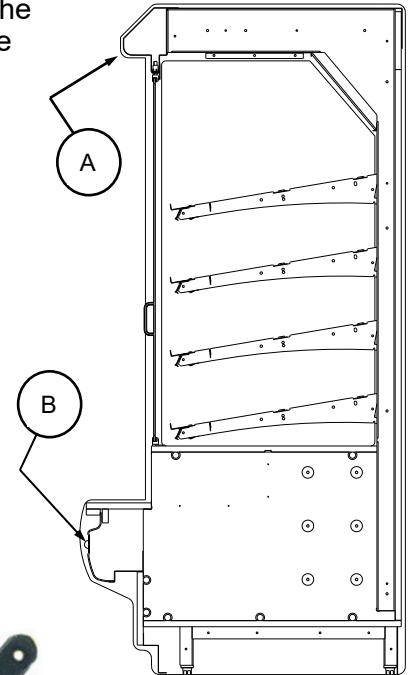
1. Remove Unit From Skid

Caution! case must always remain supported or center of gravity will allow case to fall. Slide unit to rear of skid and tip backward off skid.



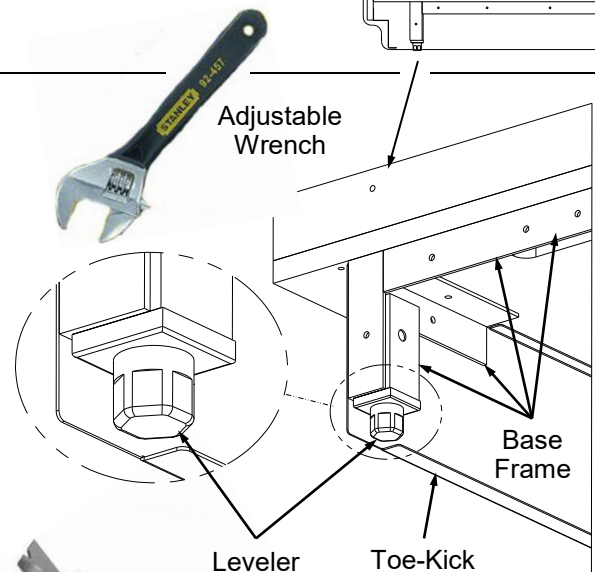
2. Position & Align Case Alongside Others

- Before adjusting levelers, make certain that the case is in proper position and, if required, aligned with adjoining case(s). Line up areas A & B as shown below.
- This may require the repositioning of the case you are installing or the already positioned cases

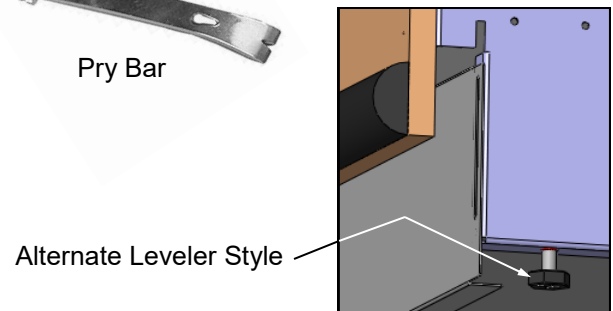


3. Adjust Levelers

- After case is in proper position, adjust case so it is level and plumb (see illustration at right).
- You may need to remove front and/or rear Toe-Kick to access levelers.
- Use adjustable wrench to adjust leveler.
- Depending upon case weight it may be necessary to use a Pry Bar to accomplish this task.
- Do not use Pry Bar on Toe-Kick as it may buckle.
- Do not use Pry Bar on End Panel as it may chip.
- Use Pry Bar **ONLY** on Base Frame to avoid damaging case.
- See illustration and photos at right.



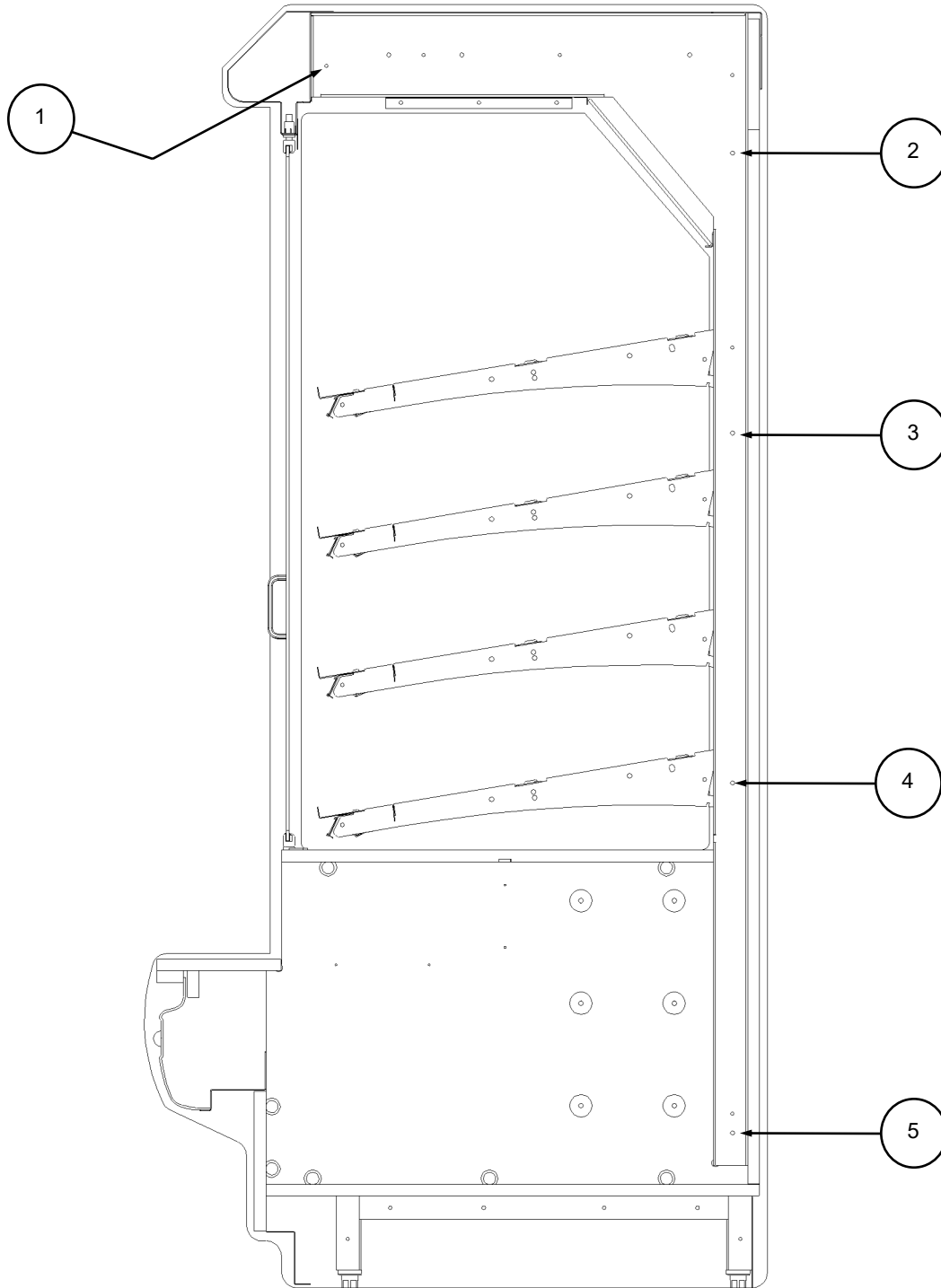
Note: Illustrations Shown May Not Exactly Reflect Every Feature or Option of Your Particular Case



INSTALLATION, CONTINUED: BOLTING ADJOINED UNITS

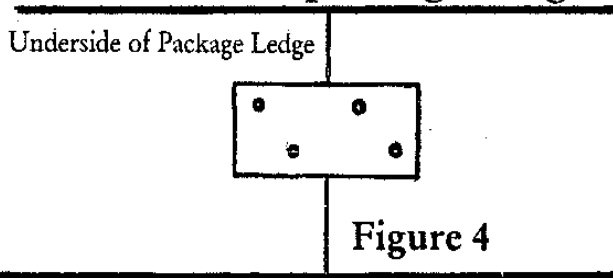
4. Bolting Adjoined Units

- View shown is after removal of end panel.
- Units are bolted together at locations shown.
- Eight 1/4-20 x 2 1/2" bolts & nuts provided.



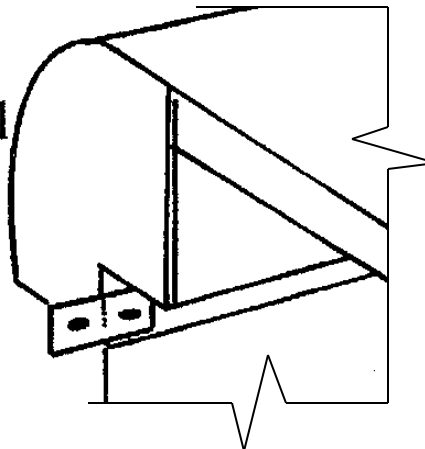
5. Join Package Ledges

- With the 4"x 1.5" plate and four #10 x 5/8" screws provided in the installation kit, screw the underside of the package ledges together.

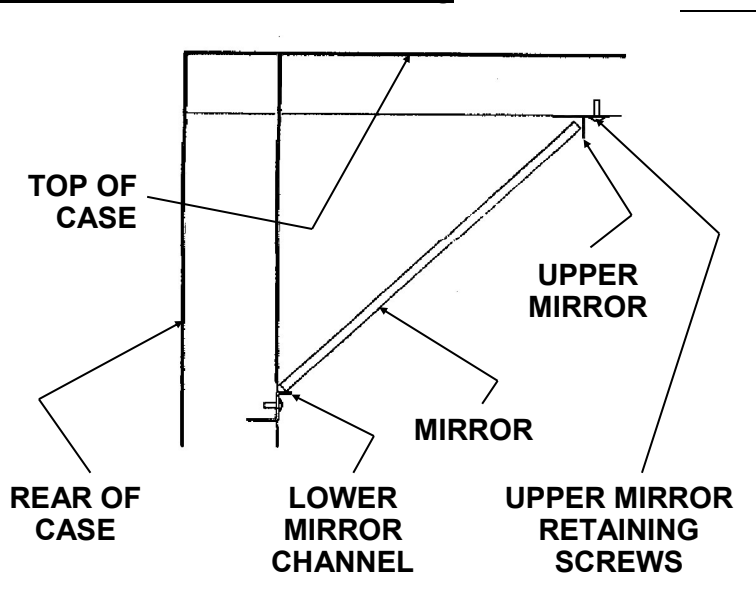


6. Join Headers

- Using the 2"x 3" bracket and two #10 x 1/2" slf. drill screws provided in the installation kit, join the sheet metal portions behind the header.



7. Mirror Installation & Retrofitting

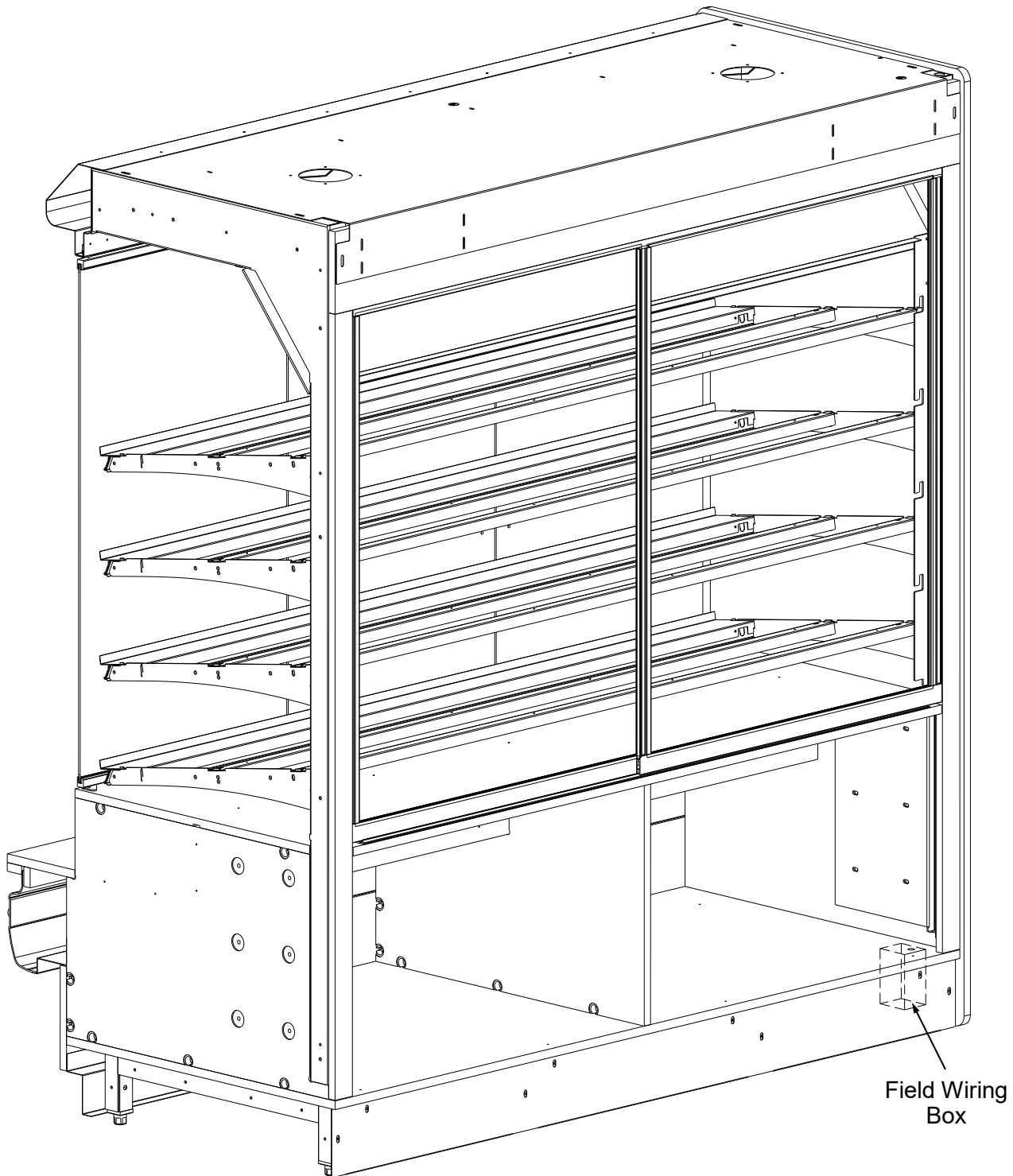


- CAREFULLY FOLLOW THESE MIRROR INSTALLATION INSTRUCTIONS:**
1. TO MAINTAIN SAFETY, TWO PEOPLE SHOULD PERFORM THIS STEP-BY-STEP PROCEDURE.
 2. LOOSEN UPPER MIRROR RETAINING SCREWS.
 3. PLACE LOWER END OF MIRROR AGAINST LOWER MIRROR CHANNEL.
 4. ROTATE UPPER MIRROR CHANNEL INTO PLACE [BEHIND UPPER MIRROR CHANNEL].
 5. AFTER CHECKING THAT MIRROR IS SECURE, TIGHTEN UPPER MIRROR RETAINING SCREWS.
 6. RE-CHECK THAT MIRROR IS SECURELY HELD IN PLACE AND WILL NOT COME LOOSE.

1. Electrical Fundamentals (Field Wired Models)

Electrical access is at lower-right side of case (when facing rear of case).

- 120V single phase leads provided.
- Model PC7485.4175A is shown below.



2. Electrical Fundamentals (Plug/Cord Units)

Warning: Disconnect power before providing maintenance/service to unit.

On units with plug/cord setup, electrical access is at lower-right side of case (when facing rear of case).

- J-Box and 120V single phase cord and plug is provided.
- Model PC7482.5886D is shown below.



3. T-8 / Fluorescent Light Fixtures

Warning: Disconnect power before providing maintenance/service to unit.

Ballast Access/Removal

Assembly or disassembly and servicing to be accomplished by licensed electrical contractor.

- The light ballast is located inside the header.
- Unplug light harness (plug and receptacles). See next page for illustration.
- Remove the header electrical box.
 - Remove florescent bulb.
 - Remove screws securing the ballast box to the header top.
 - Remove wire nuts from electrical leads.
 - Some models have quick disconnect releases from the wire harness.
- Remove nuts from ballast end mounting flanges.

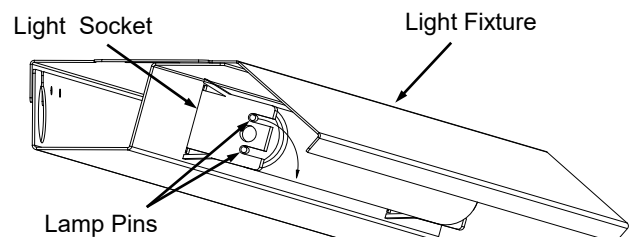
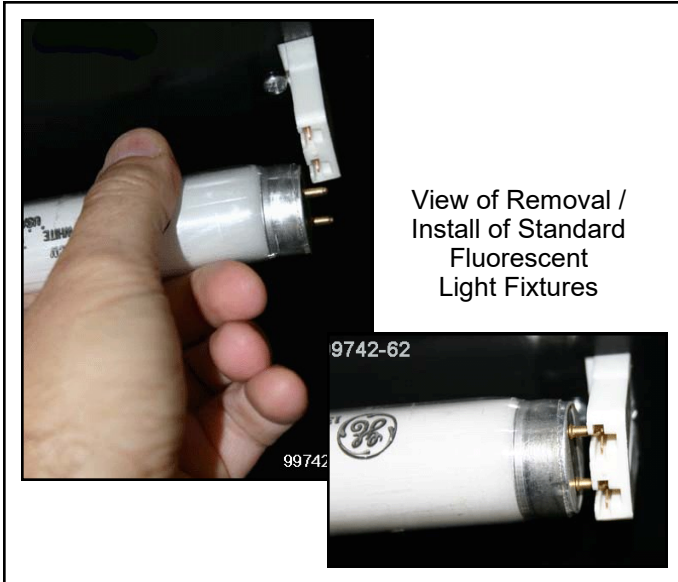
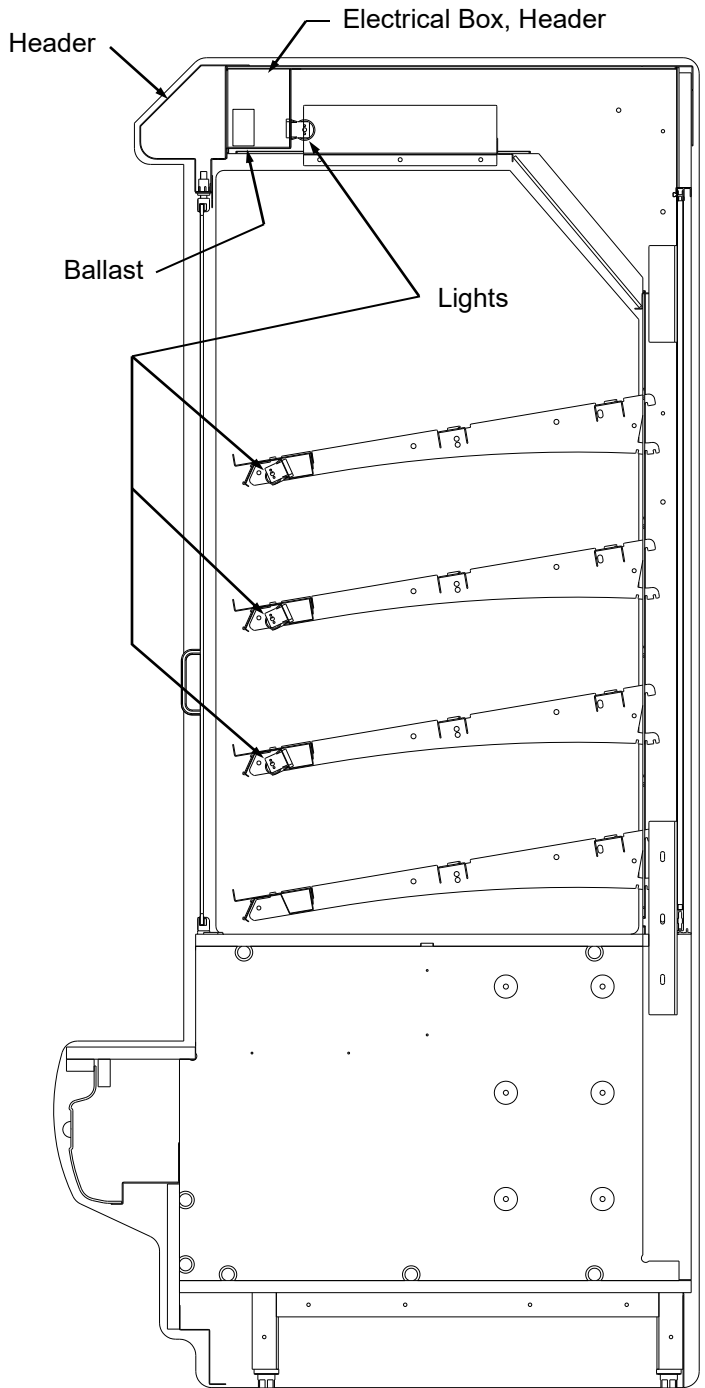
Light fixtures are located on the underside of each shelf assembly and at the top inside of case.

Removal of lamp:

- Rotate lamp (1/4 turn) so that pins are aligned in slots and remove bulb.

Installation of lamp:

- Align pins with slot.
- Insert pins into socket and rotate 1/4 turn to secure pin contacts in socket.



4. LED Style Light Fixtures

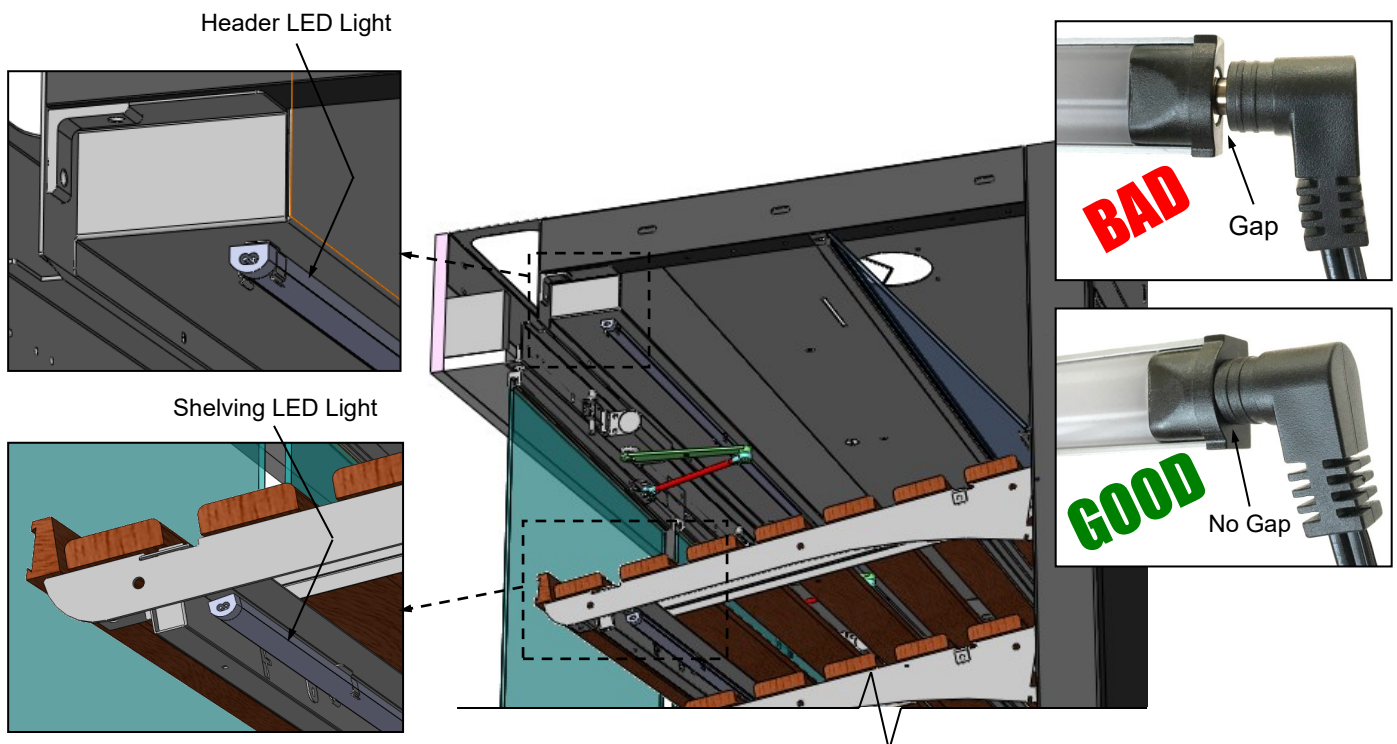
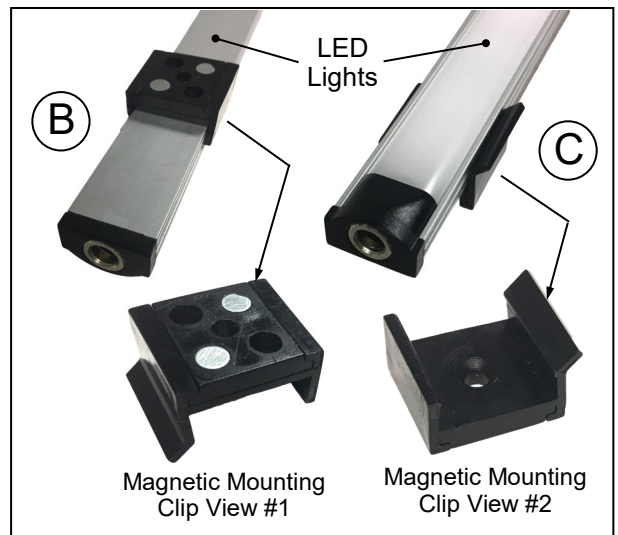
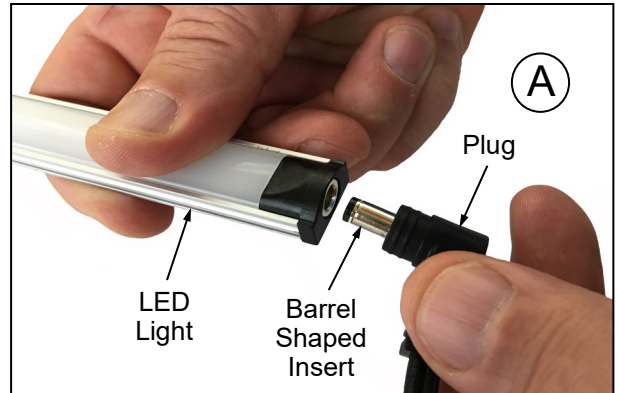
Removal of Faulty LED Lights:

- 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:

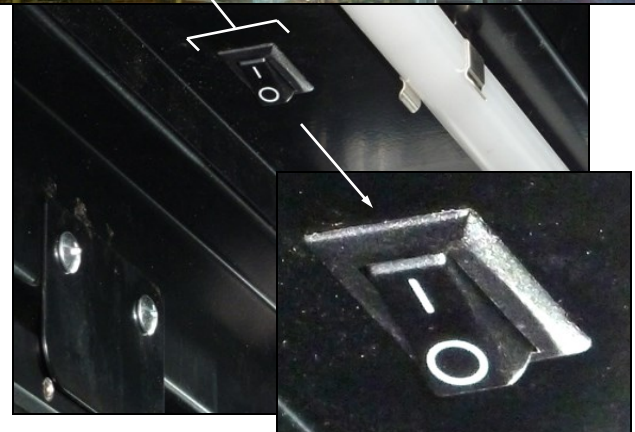
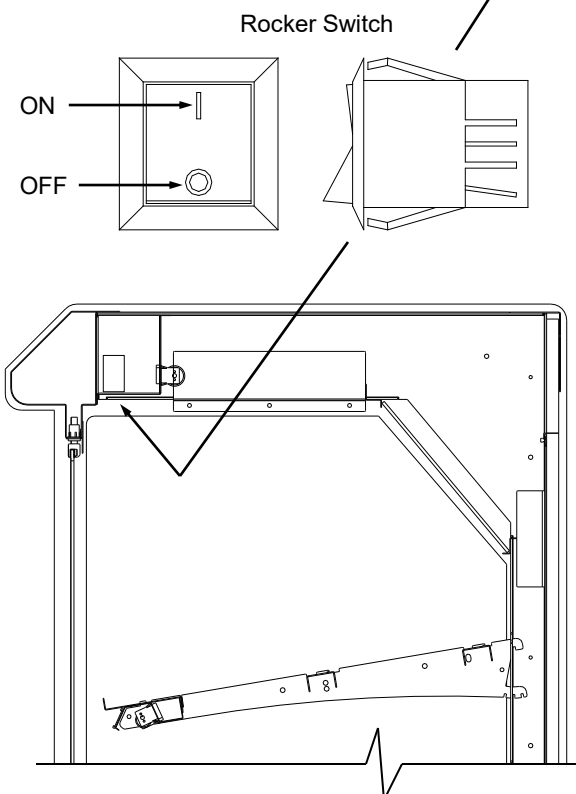
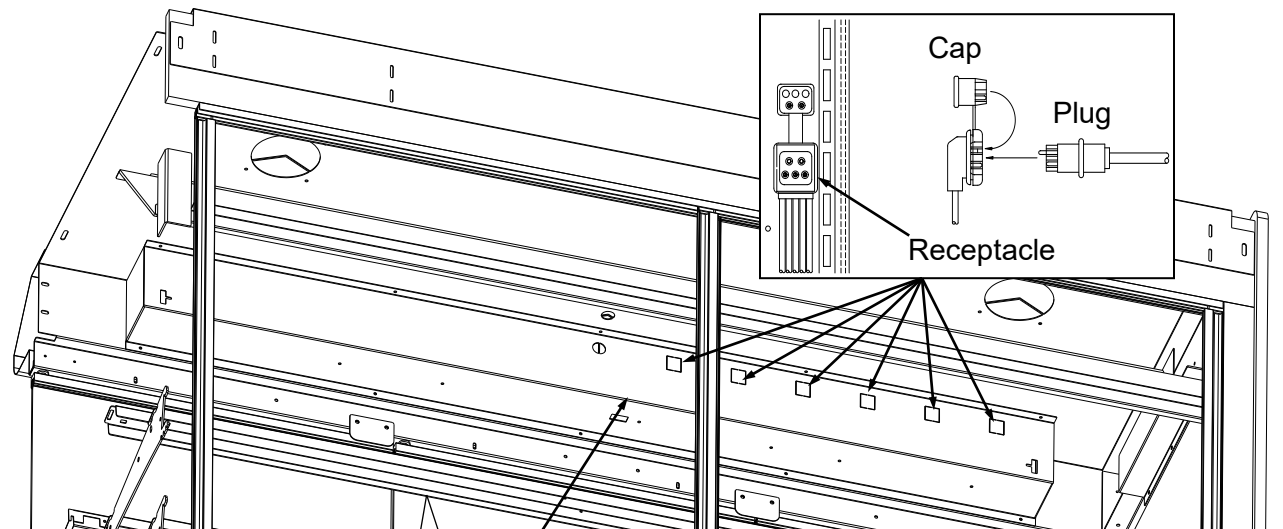
- Attach magnetic mounting clips onto LED light.
 - Adjust magnetic mounting clips so they are equally spaced on LED light.
 - Reattach LED light assembly to its shelf/header.
 - Position properly in shelf/header.
- >> **Note:** If mounting clips are riveted to shelf (or header), attach by placing LED in base of clip and then snapping into clip at **FLANGE SIDE**.
- Press plug's barrel-shaped insert deep into LED light.
 - **Important:** If plug is not inserted **ALL THE WAY IN** the LED light's orifice, the light may not energize. See **"BAD"** vs. **"GOOD"** insertion illustrations below-right.
 - Turn LED light switch back on.



5. Light Switch, Receptacles and Plugs

- Depending upon model, light switch may be located on electrical box (top center forward of bulbs). All of the lights should come on at the same time. First time lighting may require a short warm-up period.
- Initial dim or flickering bulbs is normal. If lights do not turn on, check all of the raceway plugs.

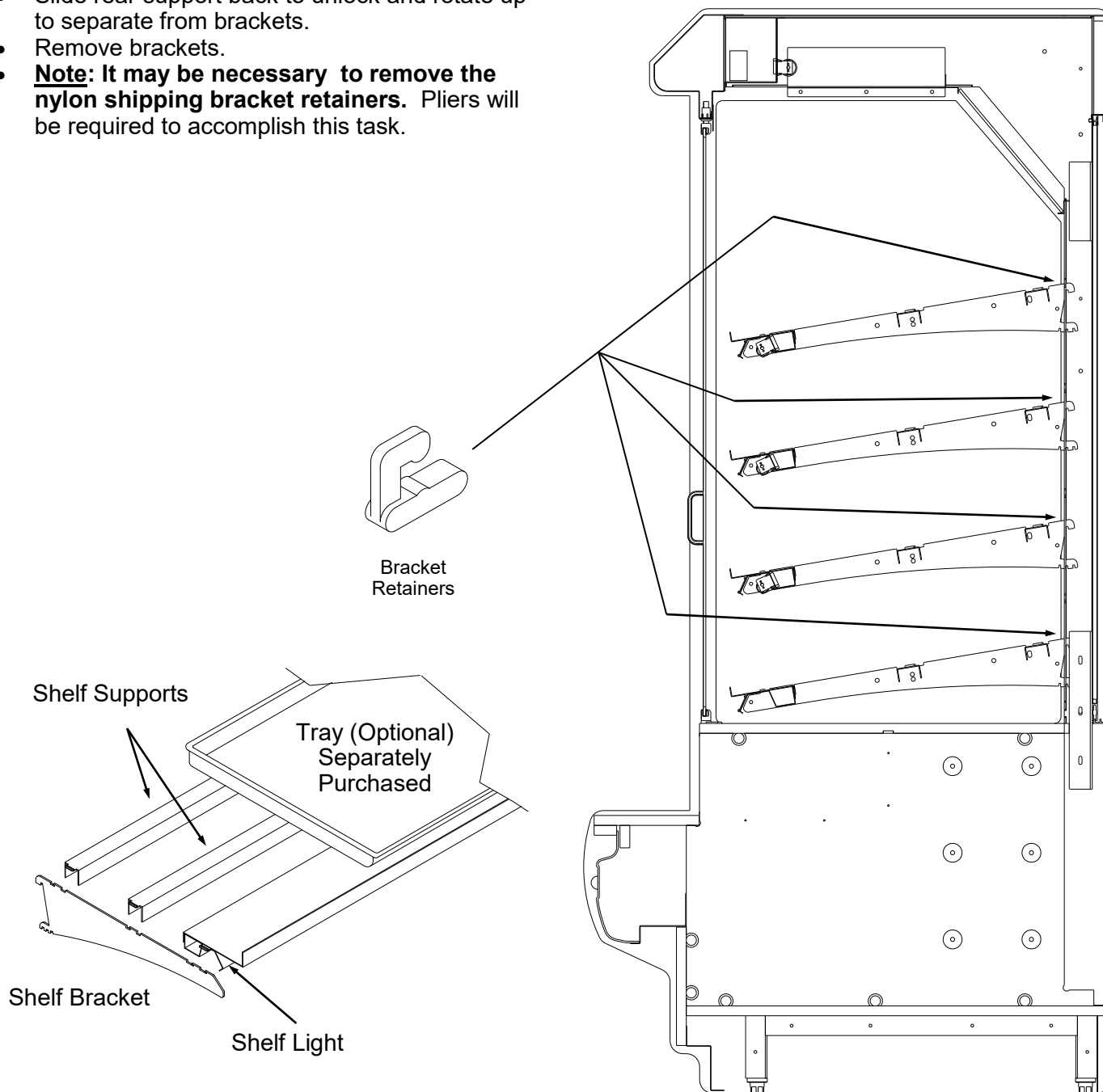
- Lighting is in series so **all lights must be plugged in or receptacles capped** for the case to light.
- Note: Illustration below may not reflect every feature or option of your particular case.



MAINTENANCE: SHELF ASSEMBLY REMOVAL

1. Shelf Assembly Removal

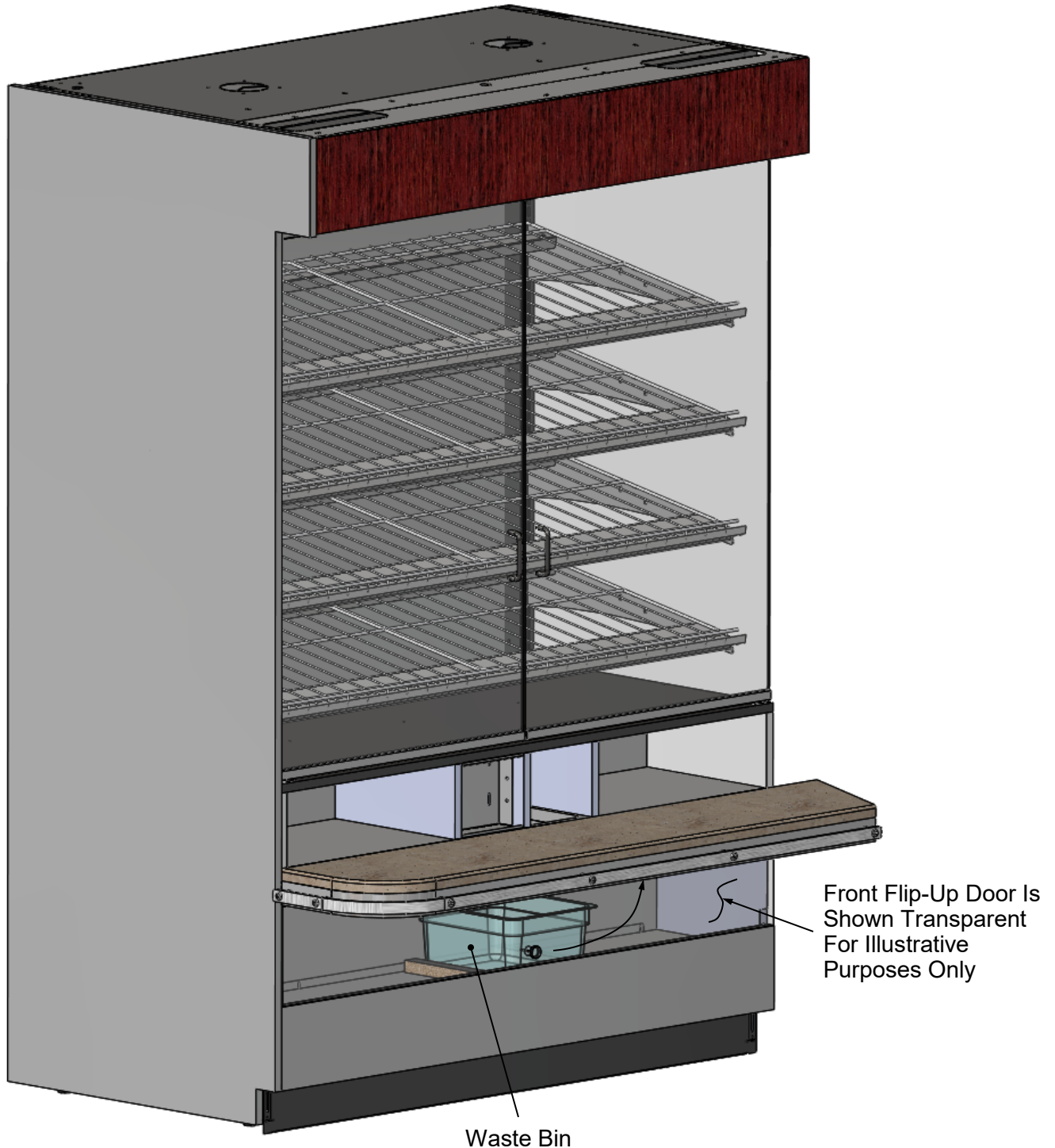
- For lighted shelving, unplug the light cord.
 - Light shelf cord harnesses plug into the back side of the header electrical box.
- Detach cord from the rear frame support.
- Slide light assembly back to unlock, then rotate up to separate from brackets.
- Slide rear support back to unlock and rotate up to separate from brackets.
- Remove brackets.
- **Note:** It may be necessary to remove the nylon shipping bracket retainers. Pliers will be required to accomplish this task.



2. Front Flip-Up Door / Waste Bin Access

- Front flip-up door allows access to waste bin (and entire waste bin area).
- This feature is only on certain models.
- See illustration below.

Model PC5682.6744 Shown May Not Exactly Reflect Every Feature or Option of Your Particular Case.



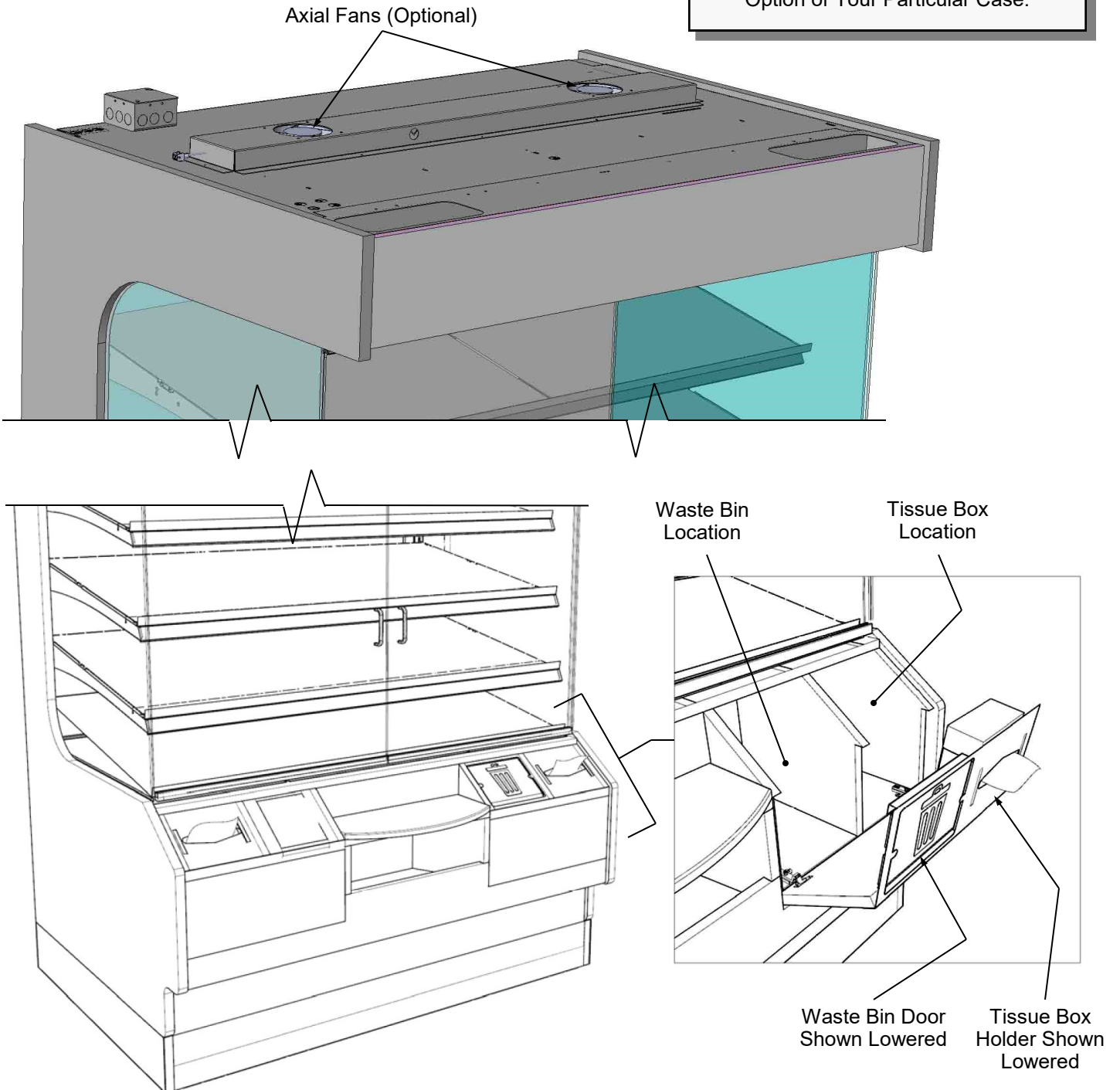
3. Axial Exhaust Fans (Optional)

- Axial exhaust fans help to keep inside air temperature from heating up.
- These fans are not on all cases.
- See illustrations below.

4. Front Flip-Down Waste Bin/Tissue Box Access

- Note: These features are not on all cases.
- See illustrations below.

Features of Models PC5682.5584A and PC5682.6769 Are Shown. They May Not Exactly Reflect Every Feature or Option of Your Particular Case.



GENERAL CLEANING

FREQUENCY	INSTRUCTIONS
Daily	<u>End Panels, Front Panel, Toe-Kicks, Etc.:</u> Wipe off all surfaces with warm water and mild soap solution and non-abrasive cloth.
Daily	<u>Wood, Laminate and Painted Surfaces (Including Shelves):</u> Clean with mild soap and water solution and a soft cloth.
Daily	ENGINEERED (SYNTHETIC) QUARTZ: See next page.
Daily	<u>Glass Doors and Angled Internal Mirror:</u> Clean glass door surfaces with a household or commercial glass cleaner. Wipe dry with paper towel or soft cloth.
Daily	<u>Wire Shelving Racks:</u> <ul style="list-style-type: none"> • Wipe down with warm water and mild soap solution and non-abrasive cloth. • For hardened residue, remove from case. Submerge in warm soapy water. Use soft-bristled brush to dislodge caked on and hardened residue. Rinse. Wipe dry with paper towel or soft cloth.
Weekly	<u>Napkin Dispenser / Waste Bin Area:</u> <ul style="list-style-type: none"> • <u>Napkin dispenser:</u> Remove napkin box. Wipe down areas with warm water and mild soap solution and non-abrasive cloth. Wipe dry with paper towel or soft cloth. • <u>Waste bin area:</u> Flip-up door, reach in and remove waste bin. Wipe down waste bin area with warm water and mild soap solution and non-abrasive cloth. Wipe dry with paper towel or soft cloth. • See <i>FRONT FLIP-UP DOOR / WASTE BIN ACCESS (CERTAIN MODELS ONLY)</i> section in this manual for illustration.
Quarterly	<u>Under Case Cleaning:</u> Remove front toe-kicks (screw removal is required). Use a broom or vacuum to remove dust and dirt that may collect at underside of case.
Quarterly	<u>Axial Fans Atop Case (Optional) / Authorized Personnel Only</u> <ul style="list-style-type: none"> • <i>Caution! Disconnect power to unit before proceeding!</i> • Wipe down areas around fan housing that can collect dust and debris. • If fan design allows, wipe down fan blades that can collect dust and debris. • Restore power to unit after performing this cleaning process.

ENGINEERED (SYNTHETIC) QUARTZ CARE AND MAINTENANCE

Engineered Quartz Overview	<p><u>Engineered (Synthetic) Quartz Overview:</u></p> <ul style="list-style-type: none"> • 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	<p><u>For Daily, Routine Care and Cleaning:</u></p> <p>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.</p> <ul style="list-style-type: none"> • 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	<p><u>For Difficult Spills, Stains and Spots:</u></p> <ul style="list-style-type: none"> • 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	<p><u>Extreme Heat Protection:</u></p> <ul style="list-style-type: none"> • 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	<p><u>Chemicals To Avoid:</u></p> <ul style="list-style-type: none"> • 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) <p>Caution must be used for the following products on engineered quartz surfaces:</p> <ul style="list-style-type: none"> • 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. <p>Common stains like coffee, food, makeup, permanent markers, etc.:</p> <ul style="list-style-type: none"> • 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	<p><u>Scratch Deterrence:</u> Engineered quartz surfaces are scratch RESISTANT. However, they CAN be scratched or marred by certain utensils or cleaning materials.</p> <ul style="list-style-type: none"> • 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."

TROUBLESHOOTING

Product is Drying Out	Check the relative humidity in the store.
	Check that axial fans are properly functioning (optional).
System is not Operating	Verify that the utility power is on.
	Verify that the MAIN power/light switch is on.
	Check the circuit breaker box for tripped circuits.
	If used, verify that the unit is properly plugged in.
Case Lights Not Working	Be sure ALL lights are plugged in.
	Check bulbs for proper installation and connection. See <i>ELECTRICAL FUNDAMENTALS: T-8 / FLUORESCENT BULBS</i> or <i>ELECTRICAL FUNDAMENTALS: LED LAMPS</i> section in manual for specifics.
	Check for burned out bulbs.
	Clean dirt and dust from the bulbs to prevent flickering.
	After performing all other checkpoints, if lights are still not working, check for faulty ballast; this is to be performed by a certified electrician.

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 is shown. A variety of models is displayed on serial label for illustration purposes only. Your case's serial label will reflect only one model.
- For additional technical information and service, see the *TECHNICAL SERVICE* page in this manual for instructions on contacting Structural Concepts' Technical Service Department.

Structural Concepts®

888 E. Porter Rd - Muskegon, MI 49441



Intertek

3048256

CONFORMS TO UL STD 970

SAMPLE ONLY

Certified to Can/CSA C22.2 No. 9.0/0.4

Addenda

Impulse

SAMPLE ONLY

SAMPLE ONLY

Reveal

120 VOLTS 60 HZ

FOR PARTS OR SERVICE CALL

STRUCTURAL CONCEPTS

AT 1-800-433-9490

SAMPLE ONLY

Harmony

SHS5454.7981

2688037CA408728

SINGLE PHASE 2.0 AMP

SAMPLE ONLY

SAMPLE ONLY

SCAN FOR PRODUCT LITERATURE



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

STRUCTURAL CONCEPTS TECHNICAL SERVICE CONTACT INFORMATION & LIMITED WARRANTY

TECH SERVICE/WARRANTY CONTACT INFO:
1 (800) 433-9490 / EXTENSION 1
DAYS/HOURS AVAILABLE:
MONDAY - FRIDAY (CLOSED HOLIDAYS)
8:00 AM to 8:00 PM 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.

