

IMPULSE USER MANUAL

**SCC P/N
54151**

SERVICE / SELF-SERVICE AMBIENT COUNTERTOP DISPLAY MERCHANDISERS

Model CGC2830 in Service
Position and Downward
Angled Shelves



Model CGC2830 in Self-Service
Position and Upward Angled
Shelves



Model CGC2830

Dimensions: 28 "L x 25"D x 30 1/2"H

Model CGC3830

Dimensions: 38 "L x 25"D x 30 1/2"H

Model CGS2830

Dimensions: 28 "L x 25"D x 30 1/2"H

Model CGS3830

Dimensions: 38 "L x 25"D x 30 1/2"H

Structural Concepts®

DELIVERING FRESH. ALWAYS.™

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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!

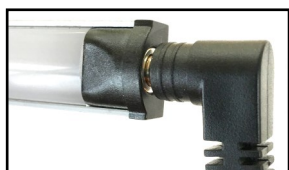
WIRING DIAGRAM

- 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

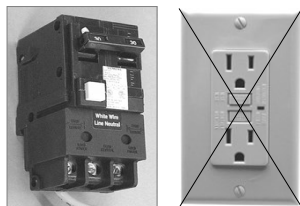
ELECTRICAL
HAZARD



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.

START-UP AND OPERATION: CASE PLACEMENT / SERVICE VS. SELF-SERVICE SHELF SET-UP

1. Case Placement

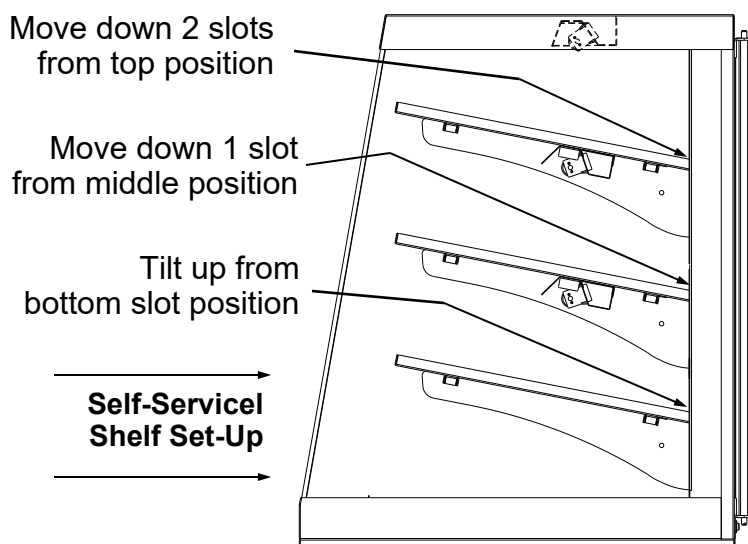
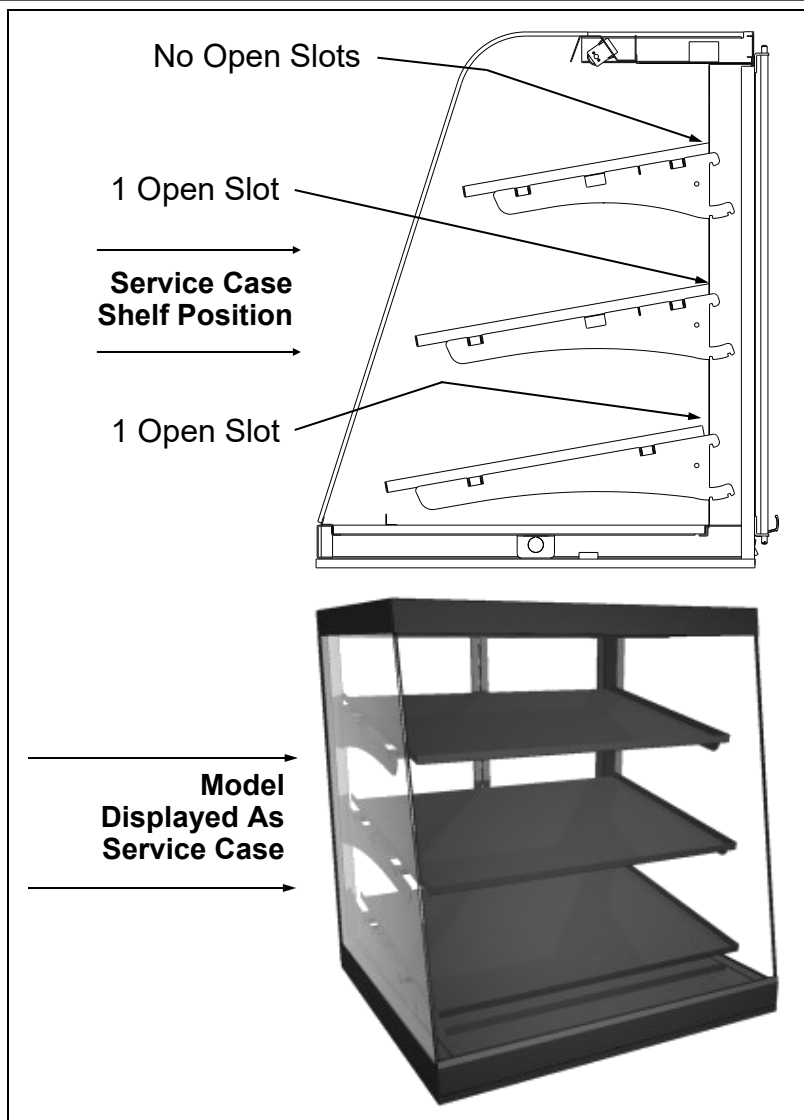
- Remove case from skid.
- Before placing case on counter, determine if the case will merchandize as a front or rear-mounted case.
- Base spacer has a notch at BOTH front and rear for power cord to route from EITHER side.
- See general spacer illustration on next page.

2. Service Case Shelf Positioning

- Shelves may be positioned in the “down” position to merchandize as a service case.
- See illustration at right.

3. Self-Service Shelf Positioning

- The shelves may be positioned in the “up” position. This will allow the case to be turned around and merchandize from a rear mounted position.
- See illustrations below for views of self-service vs. service display cases.



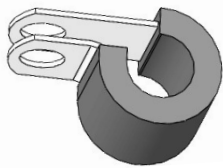
4. Base Spacer / Power Cord Length / Clamp

Locate base spacer in location to put case (cord notch to be in direction of cord to exit).

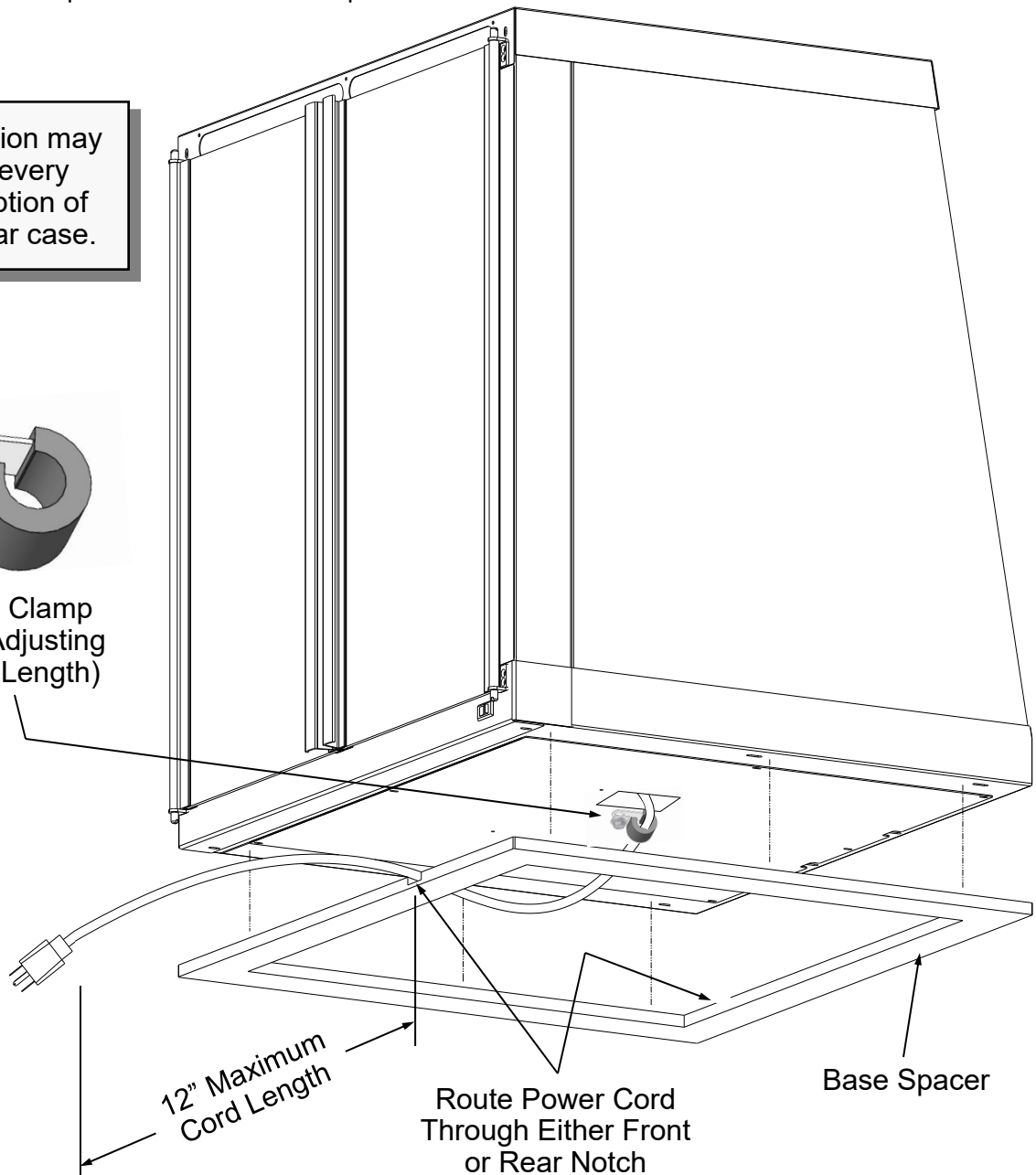
- Sit case on spacer carefully routing power cord through either front or rear notch (as shown below).
- Cord to exit at rear doors side for service cases.
- Cord to exit at front side for self-service cases.
- Power cord can only have a 12" MAXIMUM length from outer notch to plug (as shown below).
- Adjust cord length with cord clamp attached at underside of base (as shown below). Tighten clamp screw securely!
- Remove inside deck pan and fasten base to spacer.

- **Note: The National Sanitation Foundation (NSF®) requires the following two steps be done before this case can be used.**
- 1. After case is in position, apply a steady bead of industrial grade silicone sealant around the base and counter top. Also, apply silicone sealant to notch around cord.
- 2. Allow 24 hours for the silicone to dry before using the case. Plug cord into a certified electrical outlet with ground.

Note: Illustration may not reflect every feature or option of your particular case.



Cord Clamp
(For Adjusting
Cord Length)



LED LIGHTING (STANDARD)

1. LED Style Light Switch

- Light switch is at lower-left-left near LED light.
- See illustration at lower-right.

2. Power Cord and Plug

- Power cord and plug (for LED lights) locations vary depending upon model.
- Caution! You must plugged in an approved outlet!

3. LED Lights

- LED lights are usually located at both header and shelving of case; placement on your merchandiser may differ.
- Check that ALL of the light plugs are properly connected to the LED light.
- Plug must be inserted ALL THE WAY into the LED light orifice (with no gap) to work properly.
- See **TROUBLESHOOTING** section in manual if LED lights malfunction.

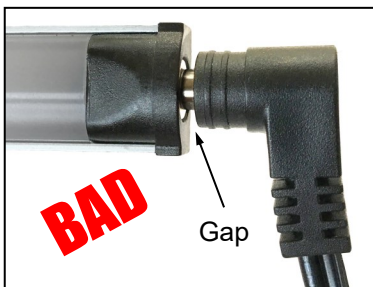
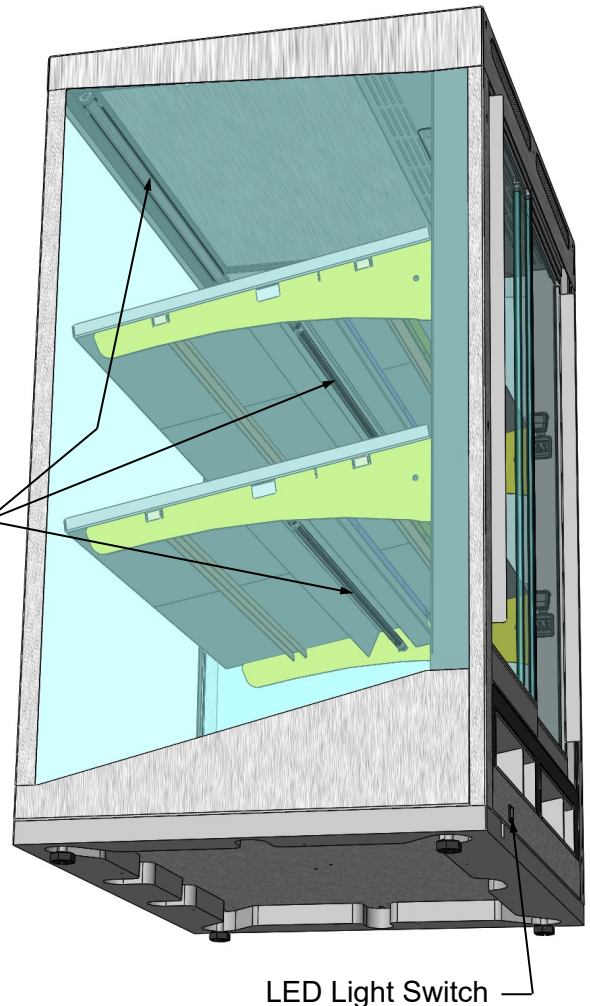
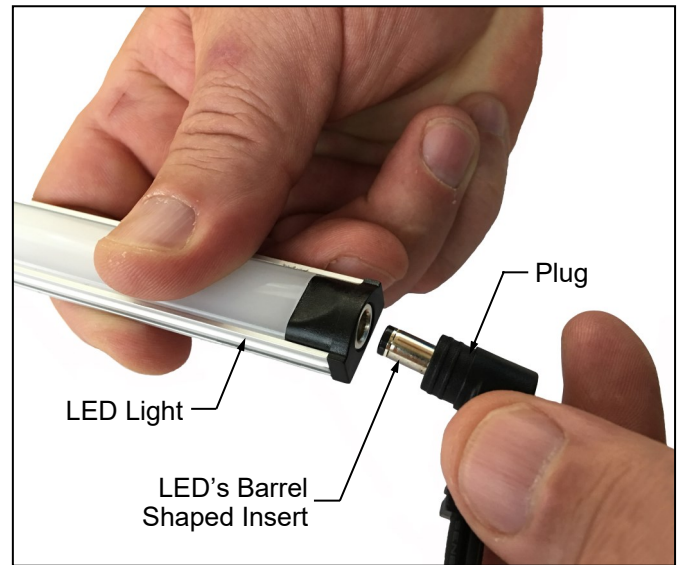
4. LED Style Light Fixtures

Removal of faulty LED light:

- LED lights rarely require change-out.
- To remove faulty LED light, simply grasp light near retaining spring and carefully pull away from its spring. Disconnect plug from LED's socket.
- Contact Structural Concepts' Technical Service Department for replacement parts (see Technical Service section of this manual for information).

Replacement of LED light:

- To replace LED light fixture, simply insert new LED light at proper position (socket must be near plug). Carefully snap into metal or plastic retainers so LEDs are held firmly in place.
- **Note:** LED light and plug must be connected in a specific manner or they will not work.
- Most plug designs are "barrel type" and merely require that plug be pushed all the way in.
- See illustrations below and top-right.



FLUORESCENT LIGHTING (OPTIONAL)

Lighting

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

Caution: Lamps have been treated to resist breakage and must be replaced with similarly treated lamps.

- Startup: Turn lights' "Rocker Switch" on, (switch location is below doors).
- The lights should illuminate immediately. However, first time lighting may require a short warm-up period for the bulbs.
- Slight dimness or flickering of new bulbs is normal.

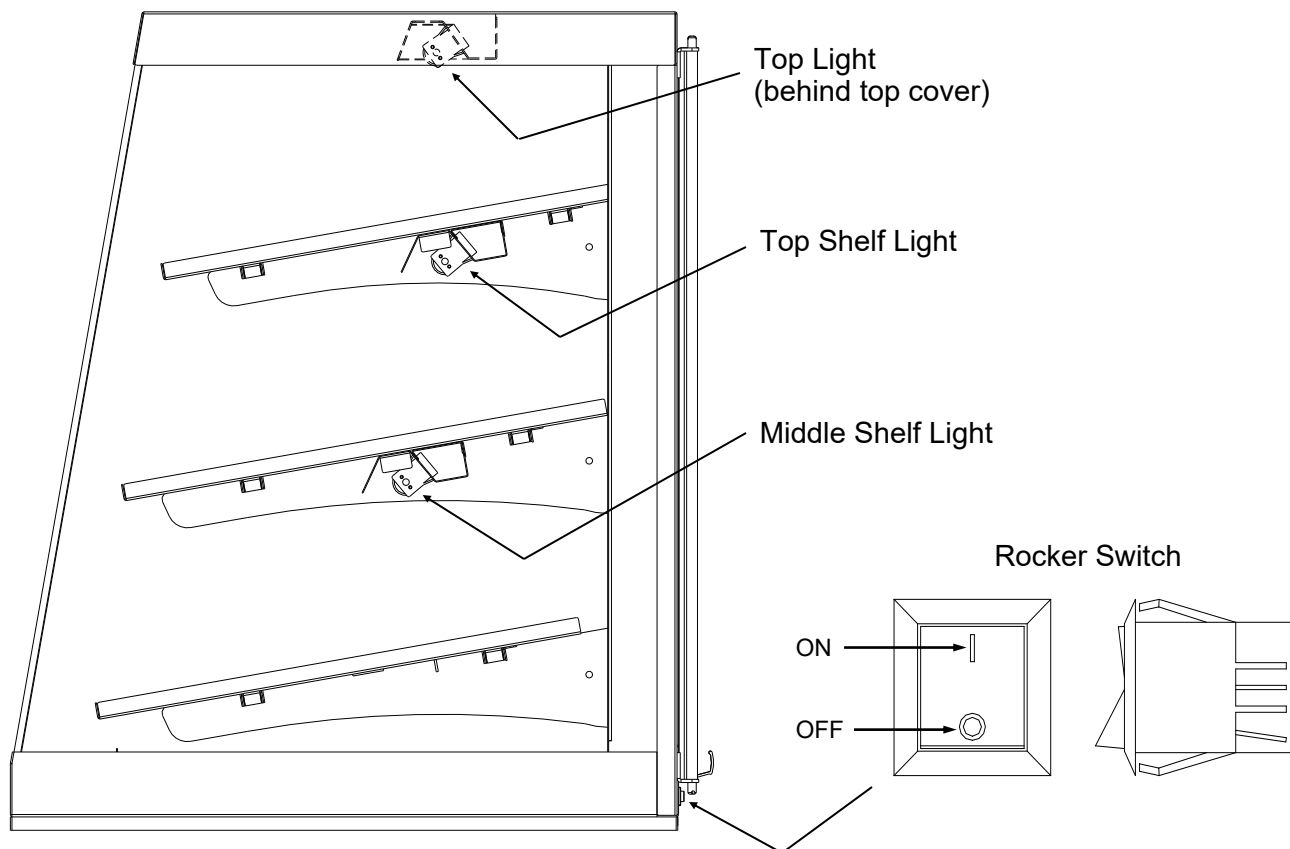
Removal of lamp:

- Rotate lamp (1/4-turn) either direction to disengage (upper or lower) pins/contacts from lamp-mounting sockets.
- Remove bulb by applying even pressure from back side at the bulb ends and pulling the remaining contact from sockets.

Installation of lamp:

- Align pins with slot.
- Insert pins into socket by rotating the bulb 1/4-turn to secure either the (upper or lower) pin contacts into the sockets.
- Rotate remaining bulb contacts (1/4-turn) into remaining lamp mounting socket contacts.

>> See previous page for LED lighting and illustrations.



TROUBLESHOOTING

Case Lights Not Working	Check bulbs for proper installation and connection.
	Check for burned out bulbs.
	Clean dirt and dust from the bulbs to prevent flickering.
System is not Operating	Confirm the utility power is on (authorized personnel only).
	Check the circuit breaker box for tripped circuits (authorized personnel only).

CLEANING SCHEDULE

Cleaning	Daily	Weekly	Task
Interior/Exterior	X		Clean all glass surfaces with a household or commercial glass cleaner and a soft cloth.
	X		Clean the deck and shelving surfaces with damp cloth. For stubborn stains or hardened residue, use hot, soapy water and soft-bristled brush. Caution! Do not use brushes or pads with metal bristles or coils to clean this unit as they will scratch and mar surfaces.
		X	Stainless Steel Surfaces: • Wash with a solution of hand dishwashing liquid detergent and water; or a solution of baking soda and water. Rinse and polish dry with paper towel or soft cloth. • Never use scouring powders or steel wool as they will scratch stainless steel. • Brighten by polishing with a cloth dipped in vinegar or in ammonia; sprinkle baking soda on sponge and rub gently; rinse. Polish dry with paper towel. • Remove streaks or heat stains from stainless steel by rubbing with club soda.

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

Reveal

120 VOLTS 60 HZ

FOR PARTS OR SERVICE CALL

STRUCTURAL CONCEPTS

AT 1-800-433-9490

SAMPLE ONLY

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.

