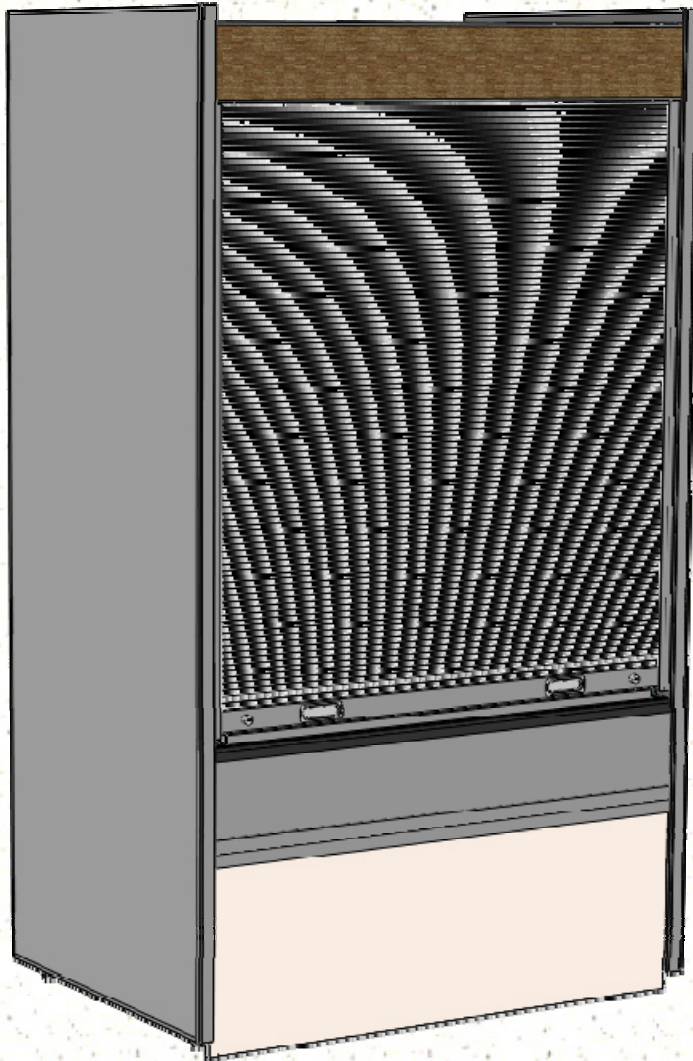




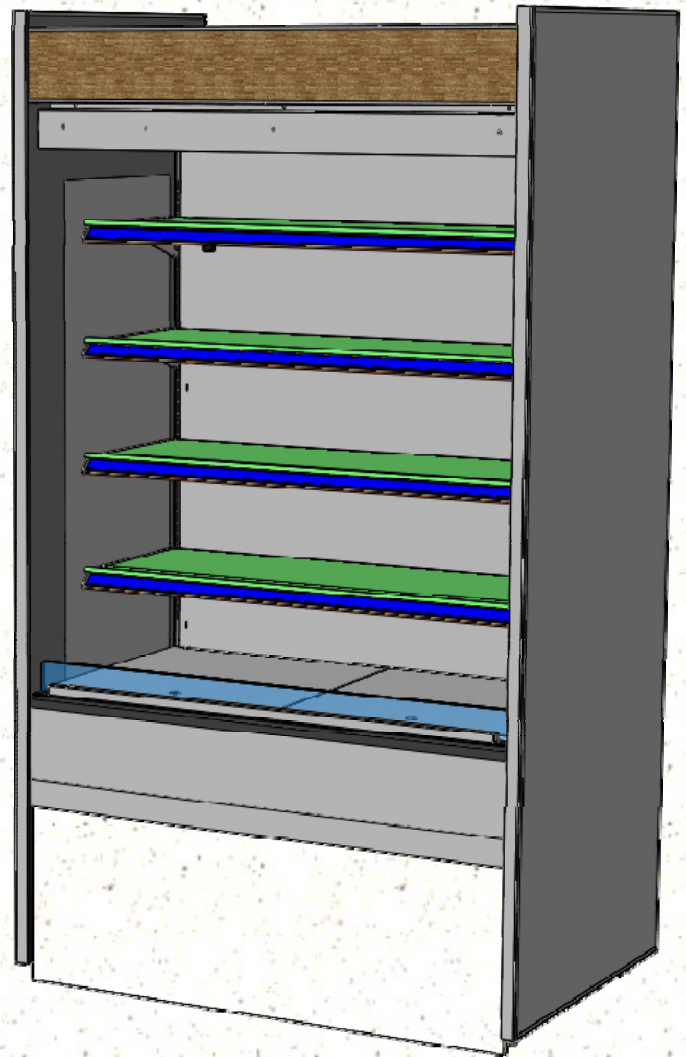
INSTALLATION & OPERATING MANUAL

SCC P/N
20-42840

Oasis® 32" Deep Non-Refrigerated Self-Service In-Aisle Grab-N-Go Wall Units



Model B4732 Shown With
Optional Roll-Down Security Cover



Model B4732D Shown Without
Optional Roll-Down Security Cover

- B3632D: 36-5/8"L x 32-1/4"D x 82-1/2"H
- B4732D: 47-5/8"L x 32-1/4"D x 82-1/2"H
- B5932D: 59-5/8"L x 32-1/4"D x 82-1/2"H
- B7132D: 71-5/8"L x 32-1/4"D x 82-1/2"H
- B8832D: 88-3/8"L x 32-1/4"D x 82-1/2"H

*Lengths include end panels.



TABLE OF CONTENTS / MODELS and DIMENSIONS

OVERVIEW / TYPE / COMPLIANCE / WARNINGS / PRECAUTIONS / WIRING / PLUGS 3

INSTALLATION: CASE REMOVAL / POSITIONING & ALIGNING CASE 4

FRONT PANEL ACCESS / MAIN POWER SWITCH 5
POWER CORD / FIELD ACCESS & ELECTRICAL BOX / BALLASTS 6

LIGHT FIXTURES - T8 FLUORESCENTS 7
LIGHT FIXTURES - LEDs 8

OPTIONAL ROLL-DOWN SECURITY COVER 9

CLEANING SCHEDULE (TO BE PERFORMED BY STORE PERSONNEL) 10
TROUBLESHOOTING (TO BE PERFORMED BY TRAINED SERVICE PROVIDERS ONLY) 11
SERIAL LABEL LOCATION & INFORMATION LISTED / TECH INFO & SERVICE 12

TECHNICAL SERVICE CONTACT INFORMATION & WARRANTY INFORMATION 13

OVERVIEW

- These Structural Concepts merchandisers are designed to merchandise packaged products at ambient temperatures.
- Cases should be installed and operated according to this operating manual's instructions to insure proper performance. Improper use will void warranty.

CASE TYPE

This unit is designed for the display of products in ambient store conditions where temperatures and humidity are maintained within a specific range.

- For Type 1 Conditions (most cases): ambient conditions are to be at 55% maximum humidity and maximum temperatures of 75 °F (24 °C).
- For Type 2 Conditions: ambient conditions are to be at 60% maximum humidity and maximum temperatures of 80 °F (27 °C).

- If unsure if unit is designed for Type 1 or 2, see tag next to serial label. See **SERIAL LABEL LOCATION & INFORMATION LISTED / TECH INFO & SERVICE** section in this manual for sample serial labels.

COMPLIANCE

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

WARNINGS

- This sheet contains important warnings to prevent injury or death.
- Please read carefully!

PRECAUTIONS, CORD/PLUG MAINTENANCE & WIRING DIAGRAM INFORMATION

- See next page for **PRECAUTIONS, CORD/PLUG MAINTENANCE** and **WIRING DIAGRAM** information.



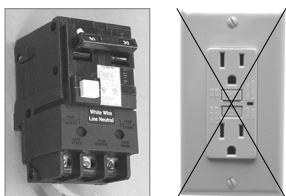
COMPLIANCE
This equipment **MUST** be installed in compliance with all applicable NEC, federal, state and local electrical codes.



WARNING
Risk of electric shock. Disconnect power before servicing unit.
CAUTION! More than one source of electrical supply is employed with units that have separate circuits.
Disconnect ALL ELECTRICAL SOURCES before servicing.



CAUTION! LAMP REPLACEMENT GUIDELINES
LED lamps reflect specific size, shape and overall design. Any replacements must meet factory specifications.
Hera® / Fluorescent lamps have been treated to resist breakage and must be replaced with similarly treated lamps.



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.

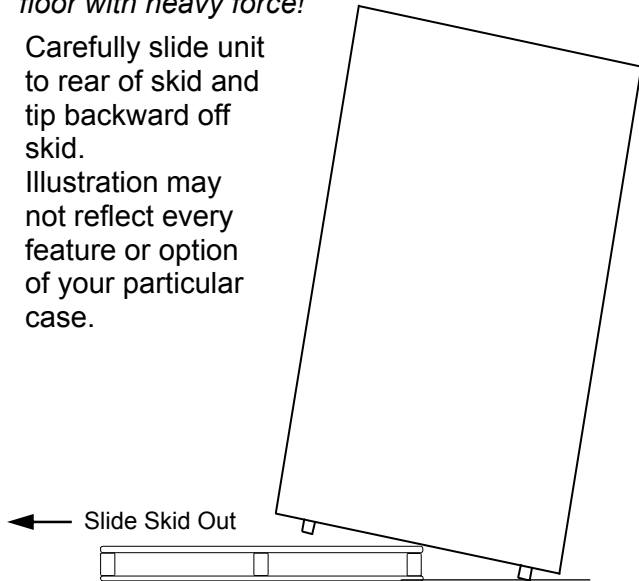


CAUTION! POWER CORD AND PLUG MAINTENANCE
Risk of electric shock. If cord or plug becomes damaged, replace only with cord and plug of same type.

INSTALLATION: CASE REMOVAL / POSITIONING & ALIGNING CASE

1. Remove Case From Skid (Levelers)

- Remove shipping brace that may be securing case to skid.
- Support case to prevent tipping.
- **Caution! Levelers can be damaged if case hits floor with heavy force!**
- Carefully slide unit to rear of skid and tip backward off skid.
- Illustration may not reflect every feature or option of your particular case.

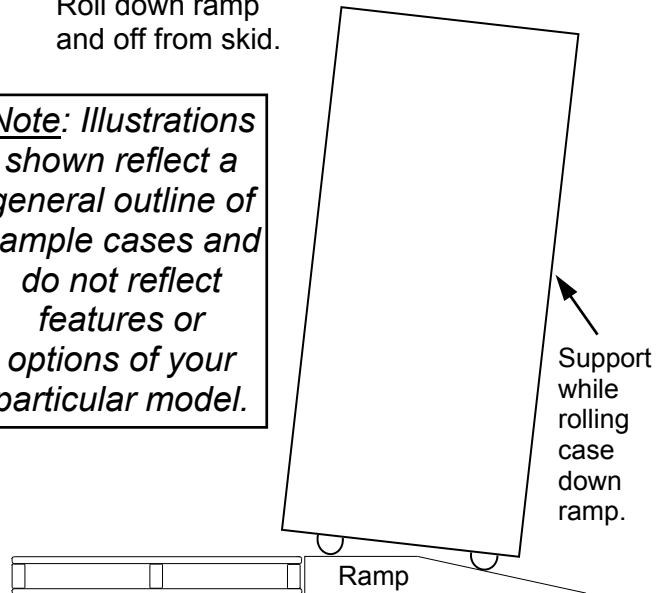


Case can be repositioned with pallet truck when front lower panel is removed. Blocking may be necessary to obtain adequate height.

2. Remove Case From Skid (Casters)

- Remove shipping brackets that may be securing casters to skid
 - Place ramp up against skid (to allow case to smoothly slide off from skid).
 - Maintain support of case at all times or center of gravity may cause case to fall.
 - Unlock Casters. Roll unit to rear of skid.
- Roll down ramp and off from skid.

Note: Illustrations shown reflect a general outline of sample cases and do not reflect features or options of your particular model.

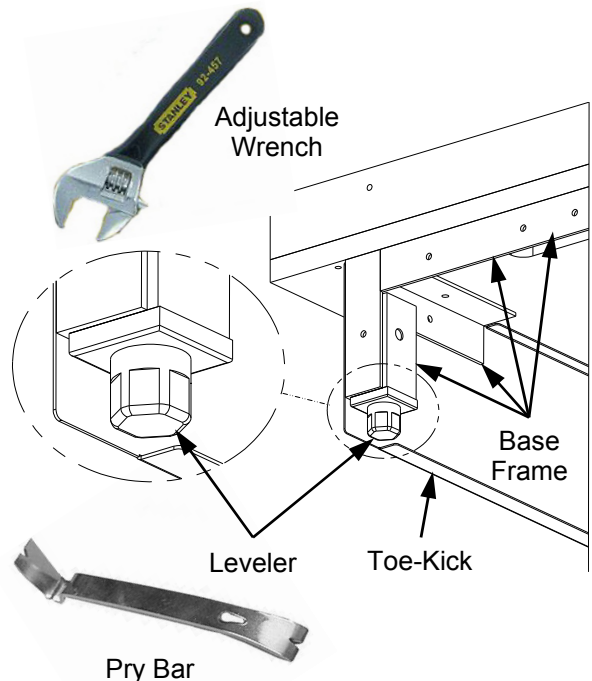


3. Position & Align Case Alongside Other Cases

- Before adjusting levelers, make certain that the case is in proper position and, if required, aligned with adjoining case(s).
- This may require the repositioning of the case you are installing or the already positioned case(s).

4. 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.



FRONT PANEL ACCESS / MAIN POWER SWITCH

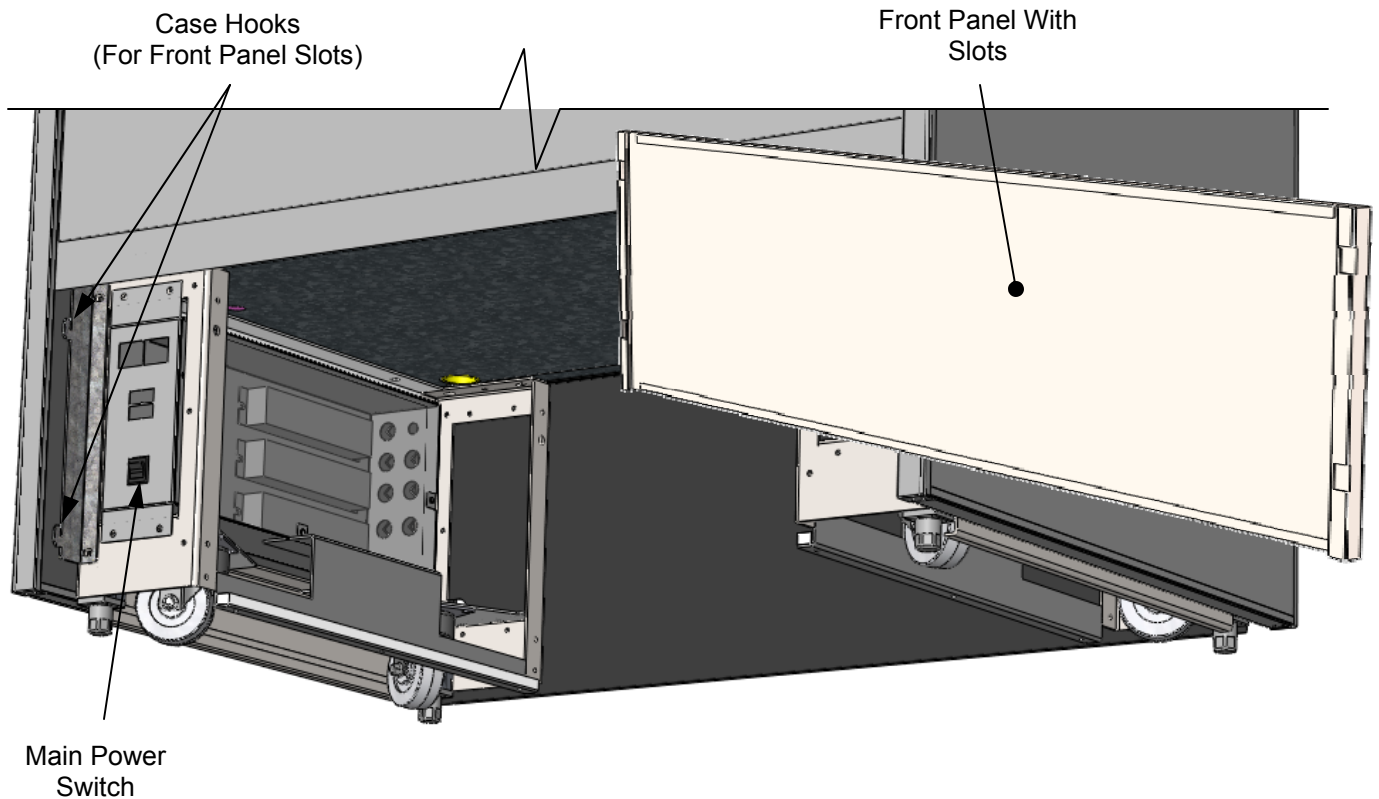
1. Front Panel

- Front panel can be removed from case by simply lifting up and off.
- Slots on front panel fit over hooks on case.
- See illustration below.

2. Turning On Power To Case

- Plug in power cord.
- Access main power switch by removing front panel (lifting up and off; not screw removal required).

- Turn on main power switch (located on main ballast box) below controller.
- Return front panel to case after main power switch is turned on.
- See illustration below.

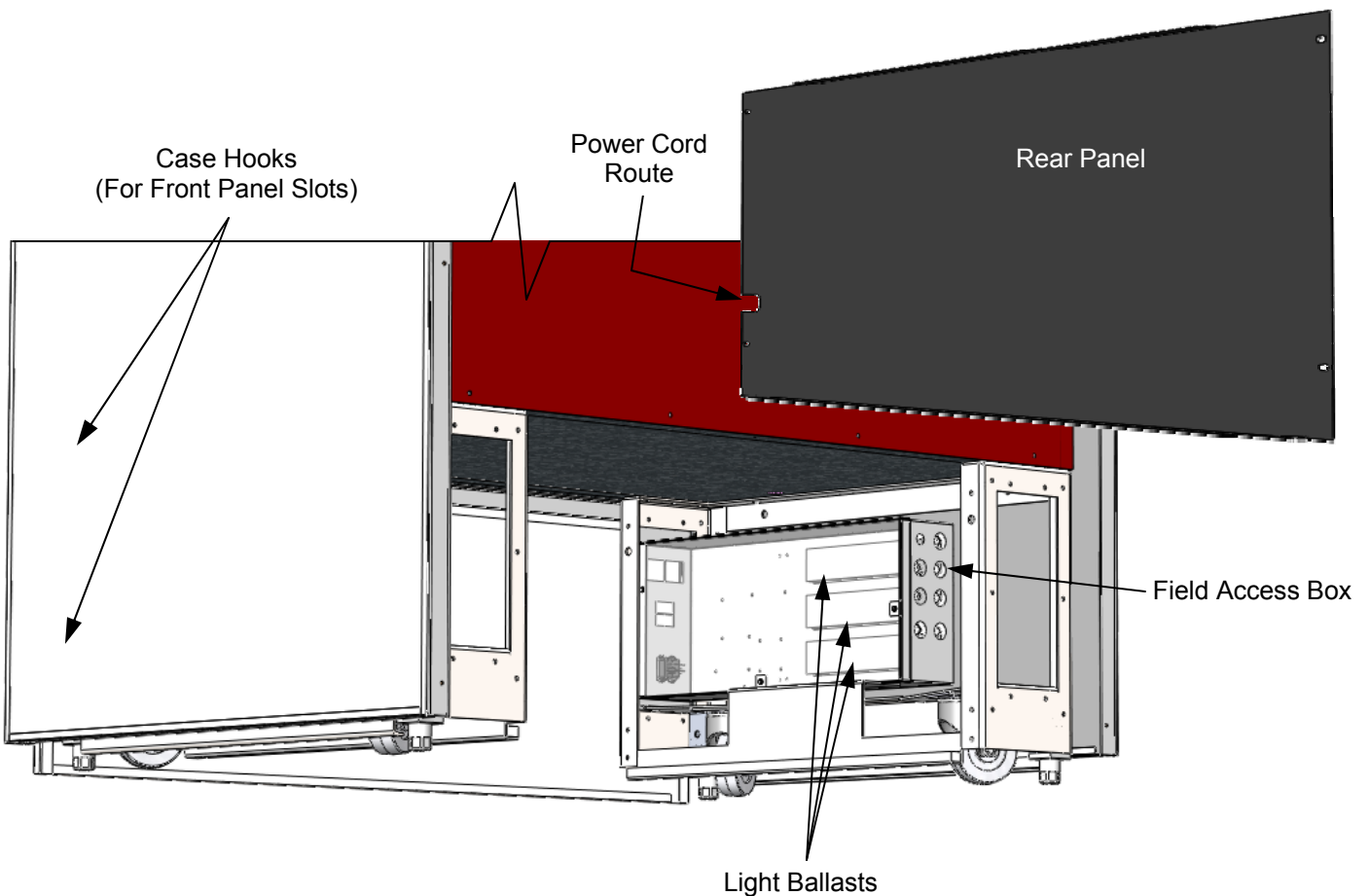


POWER CORD / FIELD ACCESS & ELECTRICAL BOX / BALLASTS

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

Power Cord / Field Access / Electrical Box / Ballasts

- Power cord exits case at rear.
- Field access box is accessible at case rear by removing rear panel. Four (4) screws must be removed from panel (as shown below) to separate from case.
- Light ballasts are located in field access box.
- After providing maintenance or service to unit, replace rear panel (by positioning on case rear and reattaching four (4) screws).



LIGHT FIXTURES - T8 FLUORESCENTS

1. Light Fixtures - T8 Fluorescents

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

Caution: Lights have been treated to resist breakage and must be replaced with similarly treated lights.

Light switch is located at customer-left of case just under header, behind honeycomb. It is to the left of the header light socket.

- See illustration directly below.
- Turning on light switch will turn on ALL lights in entire case.

Light fixtures are to be located on underside of shelf assembly, at the top inside of case, and lower front nose of case.

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 next page for LED lighting specifics



Light Switch

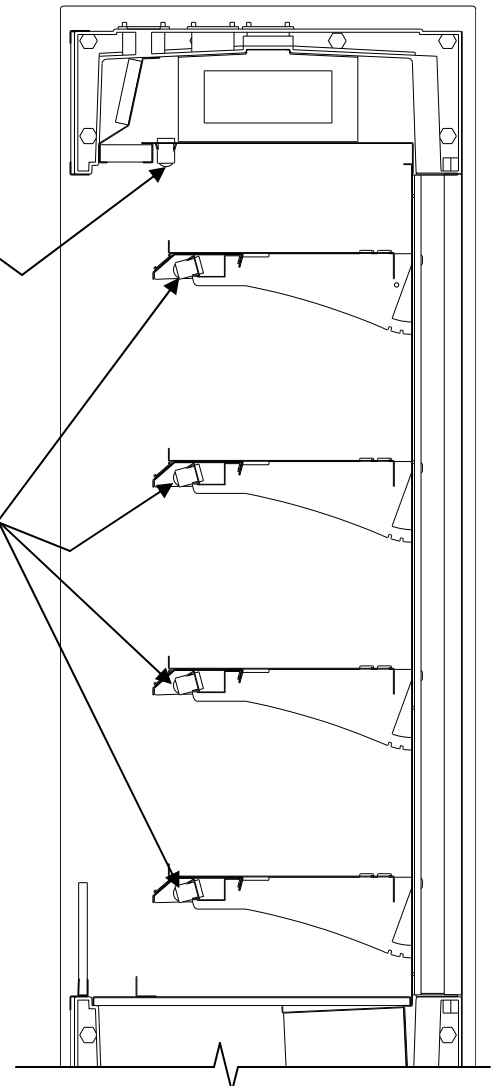
Header Light



Shelving Lights

99742-62

63



2. Light Fixtures - LEDs

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

Caution: When replacing LED lights, you must replace with similar lights.

Light switch is located at customer-left of case under header, behind honeycomb.

- See illustration below-left.
- Turning on light switch will turn on ALL lights in entire case.

Removal / Replacement of LED Light Fixtures

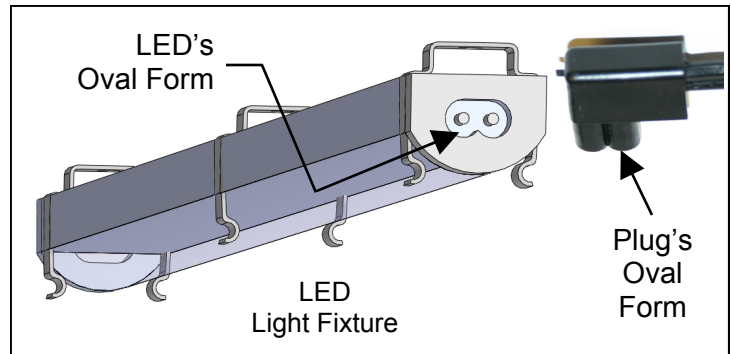
Removal of lamp:

- LED lights rarely require change-out.
- Contact Structural Concepts' Technical Service Department for replacement parts (see the Technical Service section of operating manual).

Replacement of lamp:

- To replace LED Light Fixture, disconnect existing light from its brackets. Replace.
- Note: LED Light and Plug must be connected in a specific manner or they will not work.
- Make certain that oval form of plug connects to oval form of LED end cap.
- See illustrations immediately below.

>> See previous page for specifics pertaining to fluorescent lighting.

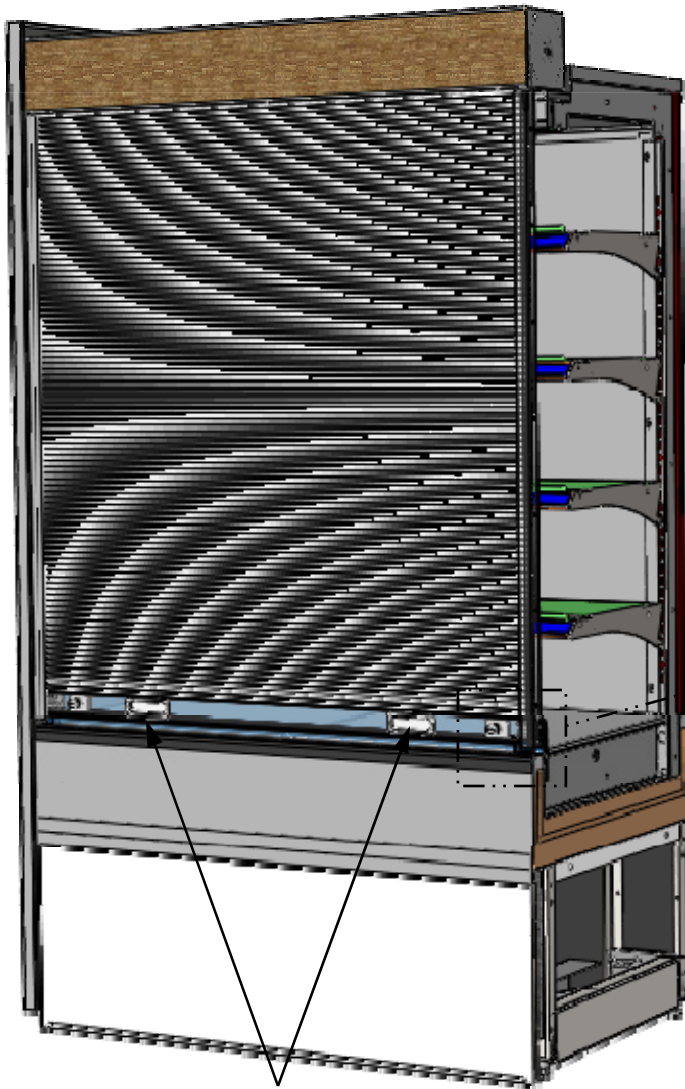
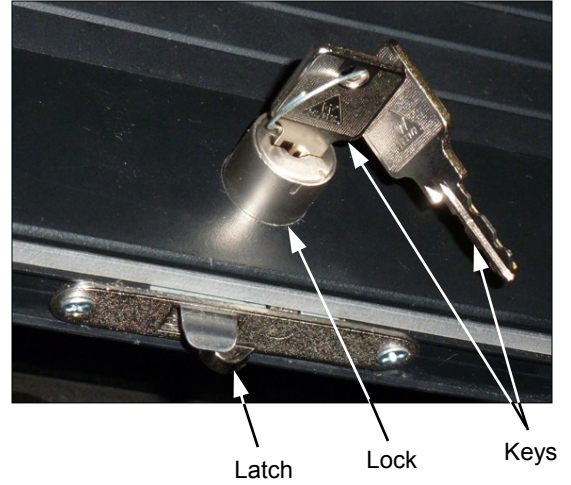


OPTIONAL ROLL-DOWN SECURITY COVER

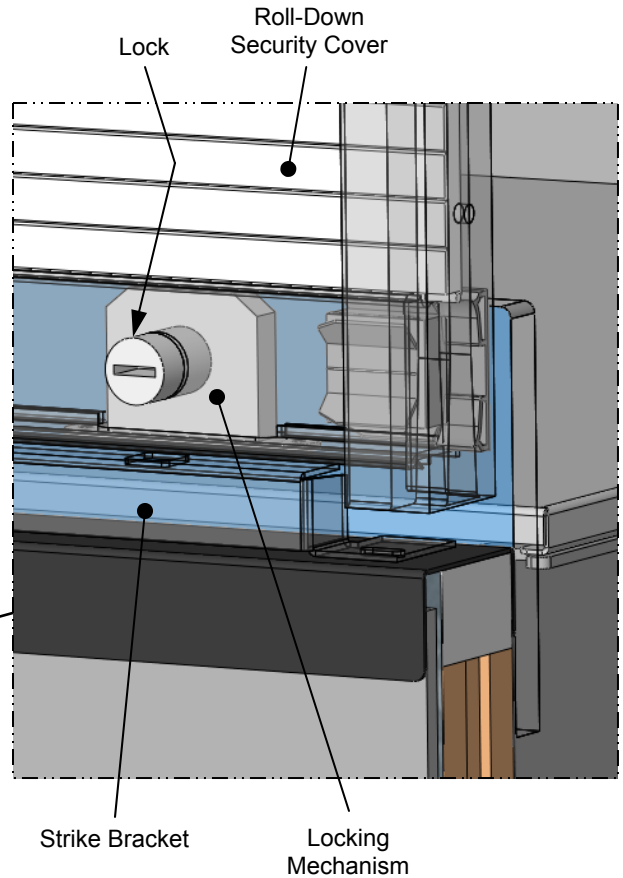
Roll Down Security Cover (Optional): Shown Extended

- Optional roll down security cover has two handles for grasping, lowering and raising.
- After roll-down cover is lowered, key may be turned clockwise to lock latch into strike bracket.
- Turn counter-clockwise to unlock.
- Keep keys in safe and secure place.

Views Below Shown Partially
Disassembled With Transparent Components
For Illustrative Purposes Only



Handles (For Lowering &
Raising Security Cover)



CLEANING SCHEDULE - TO BE PERFORMED BY STORE PERSONNEL


AREA TO CLEAN	FREQUENCY	INSTRUCTIONS
Case Exterior	Daily	<u>Sneeze Guard</u> : Clean with a warm water and mild soap solution and soft cloth. Never use ammonia-based cleaners on acrylic.
	Daily	<u>End Panels / Front Panels / Header / Optional Roll-Down Security Cover</u> : Clean with a warm water and mild soap solution and soft cloth.
	Monthly	<u>Under Case Cleaning</u> : Vacuum (or use broom) to remove all dust, debris and dirt that may collect under case.
Case Interior	Daily	<u>Shelves, Decks</u> : Wipe off with moist cloth.
	Daily	<u>Stainless Steel Mirror</u> : Clean with household or commercial window cleaner. Wipe dry with clean cloth or paper towel.

TROUBLESHOOTING (TO BE PERFORMED BY TRAINED SERVICE PROVIDERS ONLY)

CONDITION	TROUBLESHOOTING
Case Not Lining Up	See <i>Installation</i> section in this manual for instructions on properly aligning case (alongside other cases) and adjusting levelers.
System Not Operating	Check that the utility power is on.
	Check that the MAIN power switch is on.
	Check the circuit breaker box for tripped circuits.
Case Lights Are Not Working	Check that light switch is in the <i>on</i> position.
	Check that ALL of the light cords and plugs are properly connected. See LIGHT FIXTURES - T8 FLUORESCENTS section in manual.
	Service Technicians Only: Check voltage at LED drivers. If voltage is entering but not exiting, LED driver may be faulty.

Serial Label Location & Information Listed / Technical Information & Service



- Serial labels are located near the electrical access on your case.
- Serial labels contain electrical, temperature & refrigeration information, as well as regulatory standards to which the case conforms.
- For additional technical information and service, see the *TECHNICAL SERVICE* page in this manual for instructions on contacting Structural Concepts' Technical Service Department.
- See images below for samples of both refrigerated and non-refrigerated serial labels.



888 E. Porter Rd · Muskegon, MI 49441

ENCORE[®] MODEL HV74RSS SCROLL
SERIES SERIAL NO.

FOR PARTS AND SERVICE
CALL 1-800-433-9489

3048256

CONFORMS TO UL STD 471
CONFORMS TO NSF STD 7
CERTIFIED TO CAN/CSA
STD C22.2 NO 120


ELECTRICAL RATING	120/1/60 24A
REFRIGERANT	R404A AMOUNT ?? OZ
DESIGN PRESSURE	HIGH 450 LOW 200
MINIMUM CIRCUIT	30A
MAXIMUM OVERCURRENT	30A

SAMPLE ONLY

Super Heat Temp	8-10°F
BTUH Requirements	9,738 BTUH @ 20° F SST
Defrost	6 defrosts per day, 45° F termination, 45 min. failsafe

SAMPLE ONLY

----- Sample Serial Label For Refrigerated Case -----




888 E. Porter Rd · Muskegon, MI 49441

Addenda[®] PC5682 txtRemote
txtSerialNumber

120 VOLTS 60 HZ SINGLE PHASE 1.84AMP

FOR PARTS OR SERVICE CALL
STRUCTURAL CONCEPTS
AT
1-800-433-9489



3048256

CONFORMS TO UL STD 65
CERTIFIED TO CAN/CSA
STD C22.2 NO 120

SAMPLE ONLY

----- Sample Serial Label For Non-Refrigerated Case -----

SCC TECHNICAL SERVICE CONTACT INFORMATION & WARRANTY INFORMATION

STRUCTURAL CONCEPTS CORPORATION TECHNICAL SERVICE: Call 1.800.433.9490 or For Your Master Service Agent See WWW.STRUCTURALCONCEPTS.COM/Contact/Master_Service_Agents.asp

LIMITED WARRANTY

All sales by Structural Concepts Corporation (SCC) are subject to the following limited warranty. "Goods" refers to the product or products being sold by SCC.

Warranty Scope: Warranty is for equipment sold in the United States, Canada, Mexico and Puerto Rico. Equipment sold elsewhere may carry modified warranty.

Warranty: Remedies: Limitations: The limit of liability of SCC toward the exchange cost of the original compressor motor (and/or any other components) is one year parts and labor. If any Goods are found to be of faulty material or workmanship within one year of the original F.O.B. unit shipment, SCC will, at its option (after inspection by an authorized representative), replace or pay the reasonable cost of replacement of the faulty Goods. If warranty claim is not made within this one year time period, SCC is not bound to warrant Goods. A motor-compressor (and/or any other components) replaced during the warranty shall not exceed manufacturer's current established wholesaler's exchange price. If replacement motor-compressor (and/or other components) is available via storage facility, parts truck, etc., SCC mandates that readily accessible replacement components be used toward repair of Goods; in such instances, SCC will replace such equipment (at its own expense) after confirmation of its use/placement on defective unit. SCC shall not be charged an additional fee, up-charge or expense for such replacement Goods. If SCC is unable to repair or replace the defective Goods, SCC shall issue a credit to the Purchaser for full or partial purchase price, as SCC shall determine. The replacement or payment in the manner described above shall be the sole and exclusive remedy to Purchaser for a breach of this warranty. If any Goods are defective or fail to conform to this warranty, SCC will furnish instructions for their disposition. No Goods shall be returned to SCC without its prior consent.

SCC's liability for any defect in the Goods shall not exceed the purchase price of the Goods. SCC SHALL HAVE NO LIABILITY TO PURCHASE FOR CONSEQUENTIAL DAMAGES OF ANY KIND WHATSOEVER, INCLUDING, BUT NOT LIMITED TO, PERSONAL INJURY, PROPERTY DAMAGE, LOST PROFITS, OR OTHER ECONOMIC INJURY DUE TO ANY DEFECT IN THE GOODS OR ANY BREACH OF SCC. SCC SHALL NOT BE LIABLE TO THE PURCHASER IN TORT FOR ANY NEGLIGENT DESIGN OR MANUFACTURE OF THE GOODS, OR FOR THE OMISSION OF ANY WARNING THEREFROM.

SCC shall have no obligation or liability under this warranty for claims arising from any other party's (including Purchaser's) negligence or misuse of the Goods or environmental conditions. This warranty does not apply to any claim or damage arising from or caused by improper storage, handling, installation, maintenance, or from fire, flood, accidents, structural defects, building settlement or movement, acts of God, or other causes beyond SCC's control.

Except as expressly stated herein, SCC makes no warranty, express, implied, statutory or otherwise as to any parts or goods not manufactured by SCC. SCC shall warrant such parts or Goods only (I) against such defects, (II) for such periods of time, and (III) with such remedies, as are expressly warranted by the manufacturer of such parts of Goods. Notwithstanding the foregoing, any warranty with respect to such parts of Goods and any remedies available as a result of a breach thereof shall be subject to all of the procedures, limitations, and exclusions set forth herein.

THE WARRANTIES HEREIN ARE IN LIEU OF ALL WARRANTIES, EXPRESS, IMPLIED, STATUTORY, OR OTHERWISE. IN PARTICULAR, SCC MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

No representative, agent or dealer of SCC has authority to modify, expand, or extend this Warranty, to waive any of the limitations or exclusions, or to make any different or additional warranties with respect to Goods.

Period of Limitations: No claim, suit or other proceeding may be brought by Purchaser for any breach of the foregoing warranty or this Agreement by SCC or in any way arising out of this Agreement or relating to the Goods after one year from the date of the breach. In the interpretation of this limitation on action for a breach by SCC, it is expressly agreed that there are no warranties of future performance of the goods that would extend that period of limitation herein contained for bringing an action.

Indemnifications: Purchaser agrees to indemnify, hold harmless, and defend SCC if so requested, from any and all liabilities, as defined herein, suffered, or incurred by SCC as a result of, or in connection with, any act, omission, or use of the Goods by Purchaser, its employees or customers, or any breach of this Agreement by Purchaser. Liabilities shall include all costs, claims, damages, judgments, and expenses (including reasonable attorney fees and costs).

Remedies of SCC: SCC's rights and remedies shall be cumulative and may be exercised from time to time. In a proceeding or action relating to the breach of this Agreement by Purchaser, Purchaser shall reimburse SCC for reasonable costs and attorney's fees incurred by SCC. No waiver by SCC of any breach of Purchaser shall be effective unless in writing nor operate as a waiver of any other breach of the same term thereafter. SCC shall not lose any right because it has not exercised it in the past.

Applicable Law. This Agreement is made in Michigan; it is governed by and interpreted according to Michigan law. Any lawsuit arising out of this Agreement or the Goods may be handled by a federal or state court whose district includes Muskegon County, Michigan, and Purchaser consents that such court shall have personal jurisdiction over Purchaser.

LED Lighting Components Within Lighting System: Retail: 5-year LED warranty from date of shipment. **Foodservice:** 2-year LED warranty from date of shipment. After one year, warranty does not include labor or other costs incurred for diagnosing, repairing, removing, installing, shipping, servicing, or handling of either defective part or replacement parts. The remedy of repair or provision of a replacement part without charge shall be the exclusive remedy for any warranty claim. The replacement LED and/or power supply assumes the unused portion of warranty remaining on unit(s). A 90-day warranty will apply for any LED sold as a service part. Warranty claim must include serial and model number of unit as well as date code on defective LED lighting component(s). Manufacturer may request return of defective part(s) at customer's expense to initiate claim.

Miscellaneous: If any provision of this Agreement is found to be invalid or unenforceable under any law, the provision shall be ineffective to that extent and for the duration of the illegality, but the remaining provisions shall be unaffected. Purchaser shall not assign any of its rights nor delegate any of its obligations under this Agreement without prior written consent of SCC. This Agreement shall be binding upon and inure to the benefit of SCC and Purchaser and each of their legal representatives, successors and assigns.

SCC warrants its products to be free of defects in materials and workmanship under normal use and service for a period of one (1) year from the date of delivery.

This warranty is extended only to the original purchaser for use of the Goods. It does not cover normal wear parts such as plastic tongs, tong holders, tong cables, bag holders, or acrylic dividers.

General Conditions: All service labor and/or parts charges are subject to approval by SCC. Contact the Customer Service Department in writing or call 231-798-8888.

All claims must contain the following information: (1) model & serial code number of equipment; (2) the date and place of installation; (3) the name and address of the agency which performed the installation; (4) the date of the equipment failure; and (5) a complete description of the equipment failure and all circumstances relating to that failure.

Once the claim has been determined to be a true warranty claim by SCC's Customer Service Department, the following procedure will be taken: (1) replacement parts will be sent at no charge from SCC on a freight prepaid basis; (2) reimbursement for service labor will be paid if the following conditions have been met - (a) prior approval of service agency was awarded from the Customer Service Department; and (b) an itemized statement of all labor charges incurred is received by the Customer Service Department. The cost of the service labor reimbursement will be based on straight time rates and reasonable time for the repair of the defect.

If problems occur with any compressor, notify SCC's Customer Service Department immediately. Any attempt to repair or alter the unit without prior consent from the Customer Service Department will render any warranty claim null and void. This warranty and protection plan does not apply to any condensing unit or any part thereof which has been subject to accident, negligence, misuse, or abuse, or which has not been operated in accordance with the manufacturer's recommendations or if the serial number of the unit has been altered, defaced, or removed.

One Year Limit of Liability: After SCC's one-year parts and labor warranty on the original F.O.B. unit has expired, SCC is not liable for either the equipment or labor costs of repairing or replacing the motor compressor, nor any other components that were included in the original F.O.B. unit.