

**DOE 2017
APPROVED &
REGISTERED**



Installation Manual

For CL and FX Series Door Products

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BEFORE YOU BEGIN:

Read these instructions completely and carefully.

FOR YOUR SAFETY:

Read and observe all CAUTIONS and WARNINGS shown throughout these instructions.



This warning does not mean that STYLELINE® products will cause cancer or reproductive harm, or is in violation of any product-safety standards or requirements. As clarified by the California State government, Proposition 65 can be considered more of a 'right to know' law than a pure product safety law.

When used as designed, STYLELINE® believes that our products are not harmful. We provide the Proposition 65 warning to stay in compliance with California State law. It is your responsibility to provide accurate Proposition 65 warning labels to your customers when necessary. For more information on Proposition 65, please visit the California State government website.



CAUTION:

Risk of injury. While performing installations described, gloves and safety goggles should be worn.

WARNING:

Altering system from original equipment manufacturer specs will void warranty.



WARNING:

Risk of electrical shock. Disconnect power before servicing or installing product. Switch the power off at the service panel and follow appropriate lock out/tag out safety procedures.

Parts & Tools Needed for Installation:

Tools Supplied:

- Wrench KIT
- Mounting screws
- Shims
- Silicone Tube



Tools Required:

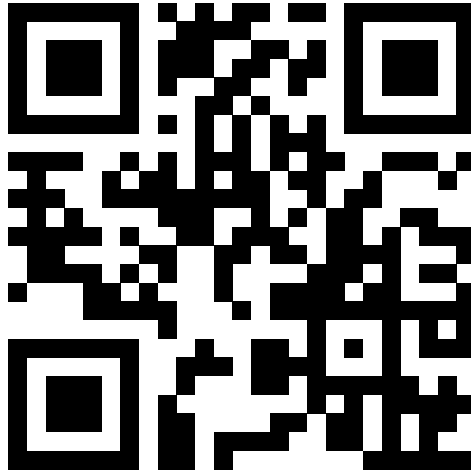
- Tape measure
- Screwdriver: Phillips No. 2
- Hammer
- Crow bar
- Clamps
- Scissors/razor blade
- Ladder
- Level



Digital Materials Available On-line:

Download this manual and other informative materials from our website. QR-Code is also located in product label.

Scan QR Code



1 - Locate the Model & Serial Number:

The model and serial number are located on the packing list, on the product label (**Figure 1**) or on the frame or doors. The model number consists of a combination of numbers and letters. Example: 01MDCXBS-F-B-L.

The label also includes the electrical data and QR Code.



by Commercial Refrigerator Door Company

THIS DOOR IS DESIGNED AND CERTIFIED FOR USE IN WALK IN COOLER APPLICATIONS

DATE OF MFG:

MODEL: 041A-PNAALE7-APBLRLR **HEATERS AMPS:** 0.59 **EC:** 3.26 kWh/DAY
SERIAL: 0058868-1-1-2 **LIGHTS AMPS:** 0.40 **120 VAC / 60Hz**
DESCRIPTION: 04-Door STYLELINE® CL (NT) G2 FRAME ONLY - **FINISH:** SMOOTH SATIN SILVER
LIGHTING: LED - **ENDLIGHT:** DOUBLE - **INLAY:** NONE - **HINGE:** LEFT - **LOCKS:** NO

Commercial Refrigerator Door | 6200 Porter Road, Sarasota FL 34240 | 800.237.3940 | 941.377.2850 - fax | www.styleline.com



Intertek

CONFORMS TO
UL471 & NSF 2
CERTIFIED TO CSA
C22.2#120



Intertek
4005070

Figure 1

2 - Unpack the Frames:

2.1 Remove all wood from both sides of the frame package. Frames are shipped as "single wide" crates (**Figure 2**).

2.2 Each line-up includes a set of tools listed on page 1, and an Installation Manual. Remove, and save for later use.

2.3 Remove the screws holding the frame(s) into the crate(s).

2.4 Remove the frame(s) from the crate(s). The frames should be removed from the side of the crate without corner braces. Safely set aside in the upright position.

2.5 Remove the stretch wrap holding the LED lights to the mullion (**Figure 3**).



Figure 2



Figure 3



CAUTION:

Risk of product damage. Be careful not to damage LED lights.

3- Unpack the Doors:

3.1 Remove the plastic stretch wrap from the door packs (**Figure 4**).

3.2 Remove the two wood boards at the top.

3.3 Cut the steel band on ONE END ONLY and remove the end of the crate.

3.4 Cut the center band and remove the wood board from the top.



CAUTION:

Risk of product damage. Do NOT remove the remaining end band; all the doors will fall if the remaining band is cut.

Risk of product damage. Do not lift doors by the handle.

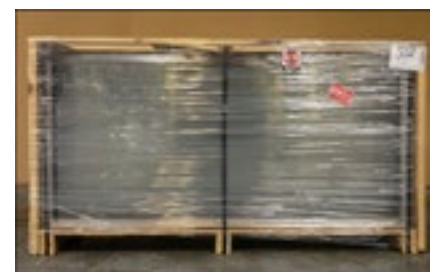


Figure 4

3.5 Fold the cardboard back over the remaining band.

3.6 Remove one door at a time from the package.

3.7 Remove any protective plastic wrap from the door(s) and set them aside for later installation.

4- Net Cooler Opening (NCO) Chart: (Figure 5)

Door Size WxH	24" X 63"	26" X 63"	30" X 63"	26" X 72"	24" X 72"	26" X 80"	30" X 66"	30" X 72"	30" X 80"
NCO Height	64 3/4"	64 3/4"	64 3/4"	73 3/4"	73 3/4"	81 5/8"	67 3/4"	73 3/4"	81 5/8"
Door Lineup	Net Cooler Opening Width								
1	2' 1 1/16"	2' 3 13/16"	2' 7 3/4"	2' 3 13/16"	2' 1 1/16"	2' 3 13/16"	2' 7 3/4"	2' 7 3/4"	2' 7 3/4"
2	4' 13/16"	4' 6 5/16"	5' 2 3/16"	4' 6 5/16"	4' 13/16"	4' 6 5/16"	5' 2 3/16"	5' 2 3/16"	5' 2 3/16"
3	6' 9/16"	6' 8 13/16"	7' 8 5/8"	6' 8 13/16"	6' 9/16"	6' 8 13/16"	7' 8 5/8"	7' 8 5/8"	7' 8 5/8"
4	8' 5/16"	8' 11 5/16"	10' 3 1/16"	8' 11 5/16"	8' 5/16"	8' 11 5/16"	10' 3 1/16"	10' 3 1/16"	10' 3 1/16"
5	10' 1/16"	11' 1 13/16"	12' 9 1/2"	11' 1 13/16"	10' 1/16"	11' 1 13/16"	12' 9 1/2"	12' 9 1/2"	12' 9 1/2"
6	12' 2 13/16"	13' 7 5/16"	15' 6 15/16"	13' 7 5/16"	12' 2 13/16"	13' 7 5/16"	15' 6 15/16"	15' 6 15/16"	15' 6 15/16"
7	14' 2 9/16"	15' 9 13/16"	18' 1 3/8"	15' 9 13/16"	14' 2 9/16"	15' 9 13/16"	18' 1 3/8"	18' 1 3/8"	18' 1 3/8"
8	16' 2 5/16"	18' 5/16"	20' 7 13/16"	18' 5/16"	16' 2 5/16"	18' 5/16"	20' 7 13/16"	20' 7 13/16"	20' 7 13/16"
9	18' 2 1/16"	20' 2 13/16"	23' 2 1/4"	20' 2 13/16"	18' 2 1/16"	20' 2 13/16"	23' 2 1/4"	23' 2 1/4"	23' 2 1/4"
10	20' 1 13/16"	22' 5 5/16"	25' 8 11/16"	22' 5 5/16"	20' 1 13/16"	22' 5 5/16"	25' 8 11/16"	25' 8 11/16"	25' 8 11/16"
11	22' 4 9/16"	24' 10 13/16"	28' 6 1/8"	24' 10 13/16"	22' 4 9/16"	24' 10 13/16"	28' 6 1/8"	28' 6 1/8"	28' 6 1/8"
12	24' 4 5/16"	27' 1 5/16"	31' 9/16"	27' 1 5/16"	24' 4 5/16"	27' 1 5/16"	31' 9/16"	31' 9/16"	31' 9/16"
13	26' 4 1/16"	29' 3 13/16"	33' 7"	29' 3 13/16"	26' 4 1/16"	29' 3 13/16"	33' 7"	33' 7"	33' 7"
14	28' 3 13/16"	31' 6 5/16"	36' 1 7/16"	31' 6 5/16"	28' 3 13/16"	31' 6 5/16"	36' 1 7/16"	36' 1 7/16"	36' 1 7/16"
15	30' 3 9/16"	33' 8 13/16"	38' 7 7/8"	33' 8 13/16"	30' 3 9/16"	33' 8 13/16"	38' 7 7/8"	38' 7 7/8"	38' 7 7/8"
16	32' 6 1/4"	36' 2 1/4"	41' 5 1/4"	36' 2 1/4"	32' 6 1/4"	36' 2 1/4"	41' 5 1/4"	41' 5 1/4"	41' 5 1/4"
17	34' 6"	38' 4 3/4"	43' 11 11/16"	38' 4 3/4"	34' 6"	38' 4 3/4"	43' 11 11/16"	43' 11 11/16"	43' 11 11/16"
18	36' 5 3/4"	40' 7 1/4"	46' 6 1/8"	40' 7 1/4"	36' 5 3/4"	40' 7 1/4"	46' 6 1/8"	46' 6 1/8"	46' 6 1/8"
19	38' 5 1/2"	42' 9 3/4"	49' 9/16"	42' 9 3/4"	38' 5 1/2"	42' 9 3/4"	49' 9/16"	49' 9/16"	49' 9/16"
20	40' 5 1/4"	45' 1/4"	51' 7"	45' 1/4"	40' 5 1/4"	45' 1/4"	51' 7"	51' 7"	51' 7"

Additional door sizes available by special order. Net cooler openings based on full-flange lineup.
Flangeless continuous lineup available upon request and includes shelving components.

Please visit www.styleline.com for more information.

Figure 5

5- LED Lighting Occupancy & Anti-Sweat Control Sensor Installation:

5.1 Lay frame flat on floor, facing up.

5.2 Locate and remove occupancy or anti-sweat sensor kit packaging from the top of the frame. **(Figure 6)**

5.3 Remove foil tape from the frame to expose occupancy sensor wiring. **(Figure 7)**

5.4 Locate RJ45 cable and 4-prong terminal connections on frame.

NOTE: RJ45 cable is only provided with High-Humidity & Freezer doors. Normal temp will only have 4-prong terminal connection for anti-sweat sensor.

5.5 Attach bracket to the frame. **(Figure 8)**

5.6 Attach occupancy sensor to the occupancy sensor bracket using (3) provided screws. **(Figure 9)**



Figure 6



Figure 7

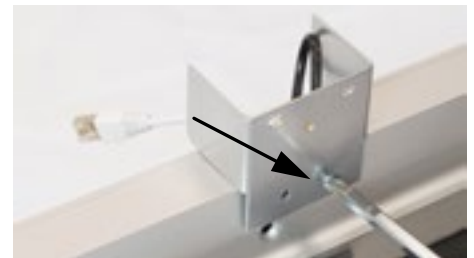


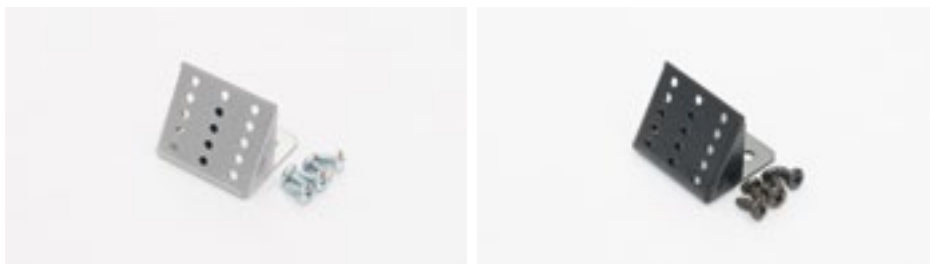
Figure 8



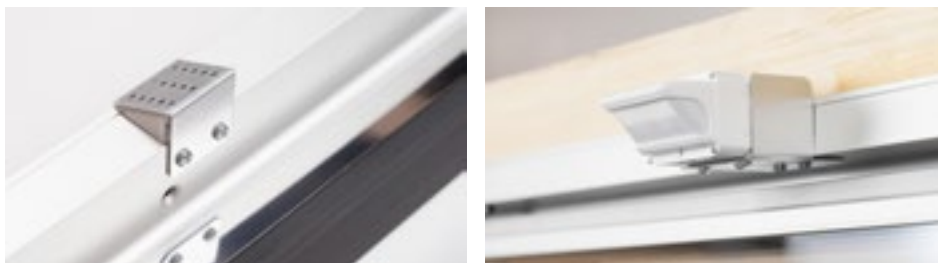
Figure 9



LED Occupancy & Anti-sweat Sensor Kit. Supplied with High Humidity, Freezer and Entrance Doors with LED lighting. White for Silver Frames. Black for Black Frames.



Anti-sweat Sensor Kit. Supplied with Normal Temp Doors with LED lighting and Entrance Doors without LED lighting. White for Silver Frames. Black for Black Frames.



Anti-sweat Sensors & LED Motion Sensor Installed



LED Occupancy Sensor & Anti-sweat Sensor Connected

6- Set Frames Into Net Cooler Opening (NCO):

NOTE: Confirm that NCO will accommodate the frames to be installed by checking dimensions. **(Figure 10)**

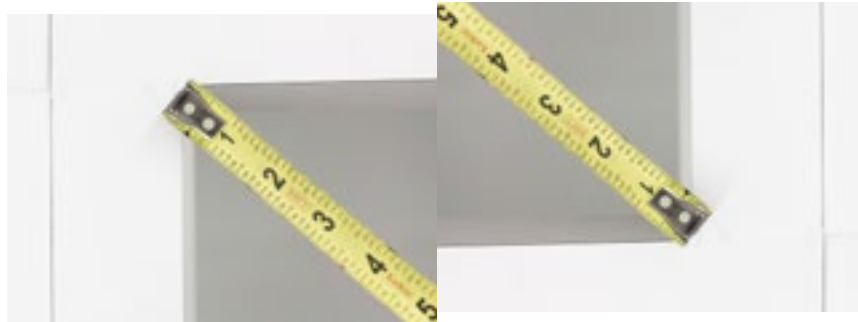


Figure 10

See NCO chart on page 6

NOTE: Frames are numbered on a green label located at the top left corner on the inside of the frame.



CAUTION:

Risk of product damage. The frame(s) are not designed to support any weight from the walk-in box. Make any necessary box modifications to ensure the frames slide easily into the opening.

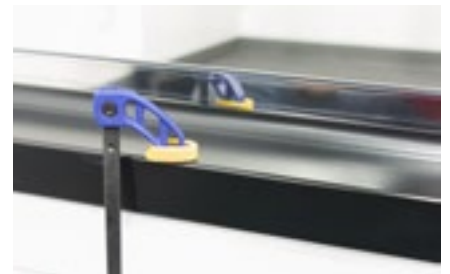


Figure 11

6.1 Set frame #1 at the left end of the opening. Clamp to wall to prevent the frame from falling out of the opening **(Figure 11)**. Make sure the frame is pushed all the way in.

6- Set Frames into the Net Cooler Opening (NCO): - Cont'd

6.2 Set frame #2 next to frame #1. Clamp in place. (Figure 11)

6.3 Align the top and bottom of the two frames; butt them together to make a quality joint. Include joining board as shown on Figure 12. Ensure that all top flanges are level. Ensure that the frame and flange are plumb to the surface of the cooler all around the NCO.

6.4 Repeat steps 3 and 4 for all remaining frames.

6.5 Center the lineup (left to right) in the opening. Make sure the lineup is square by measuring diagonals on one of the frames – within 1/8".

6.6 Install all bottom mounting screws - do not tighten. If there is any gap at any bottom mounting screw, install shims. Tighten all screws.

6.7 Reconfirm the diagonal measurements (Figure 13).

6.8 Install all side mounting screws - do not tighten. If there is any gap at any mounting screw, install shims. In addition, it is especially important to shim the top two corners of the frame lineup to prevent the top of the frame from shifting left or right. Tighten all screws. Reconfirm diagonal measurements and adjust mounting screws and shims accordingly (Figure 14).

6.9 Install all top mounting screws - do not tighten. If there is any gap at any mounting screw, install shims. Tighten all screws.



* Back of Frame



* Front of Frame

Figure 12



Figure 13



CAUTION:

Risk of product damage. Do not over-tighten mounting screws. Over-tightening of screws may cause distortion and/or twisting of the frame.

7.0 Trim off all excess shim stock. (Figure 15).

IMPORTANT: Fill all gaps with caulk between the back of the frames and the buck opening. This includes the back side of the frame joint behind the seam jacket. (Figure 16).

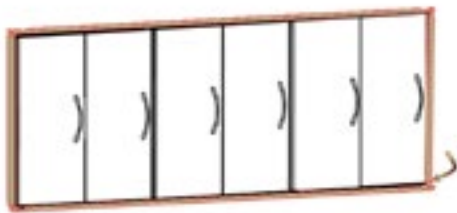
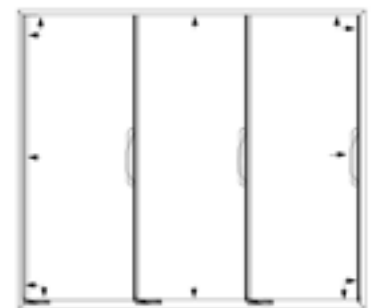


Figure 16



Figure 15



Frame-to-Cooler Fastener Locations - Figure 14

7- Install Doors into Frame(s):

7.1 Loosen, but do not remove, the jam nut on all top hinge pins on the frames with the 11/16" wrench supplied (**Figure 17**).

7.2 Remove the O-ring (**Figure 17**) from each top hinge pin.

7.3 Doors must be installed from left to right. **DO NOT LIFT THE DOORS BY THE HANDLE.**



Figure 17



CAUTION:

Risk of product damage. Do not lift doors by the handle.

7.4 Lift the door up onto the top hinge pin. To do this, Angle the door slightly. The bushing in the door should easily slide onto the top hinge pin. (**Figure 18**).



Figure 18

7.5 Set the bottom of the door down to engage in the lower hinge pin assembly on the frame. (**Figure 19**).



Figure 19

7.6 Open the door to a 90 degree position, and install the hold-open cam onto the slide pin. (**Figure 20**).

7.7 Working from left to right, repeat steps to set all the door into the frames.



Figure 20



CAUTION:

Risk of product damage. Do NOT lift doors by the handle.

CAUTION:

Risk of product damage. DO NOT remove bottom hinge nylon washer before installation. Figure 19.



CAUTION:

Risk of product damage. Do NOT over-tighten mounting screws. Over-tightening of screws may cause distortion and/or twisting of the frame.

8- Connecting Door Heaters to Frame: (HH & LT Only)

8.1 Door heater wiring may be connected once the door is installed in the frame. There should be no "self-closing" tension applied to the door when attempting to connect heater wiring.

8.2 To release door tension (if applied), loosen the jam nut at the top of the frame using 11/16" wrench (Supplied).

8.3 Locate male plug already installed on the door. (Figure 21).

8.4 Locate female plug located on the frame. (Figure 22).

8.5 Using supplied door plug screws, connect plug. (Figure 23).

NOTE: Do not over-tighten screws as it can damage plugs.

8.6 Heater plug before installation. (Figure 24).

8.7 Heater plug after installation (Figure 25).

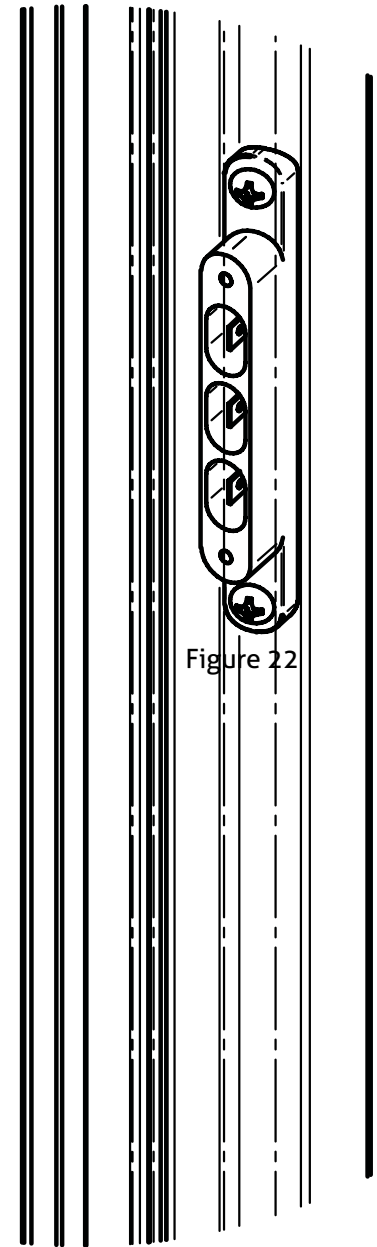


Figure 21

Figure 22

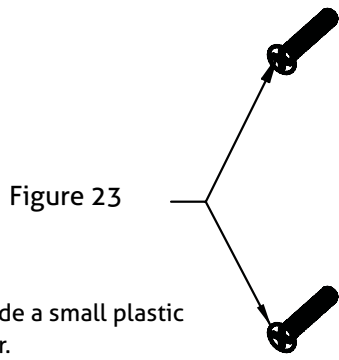


Figure 23



CAUTION:
All screws are located inside a small plastic bag by first door connector.



Figure 24



Figure 25

9- Door Self Closing Adjustment - Setting Door Tension:

9.1 Using the 5/16" wrench, turn and hold the top hinge pin one full arc toward the handle of the door (**Figure 26**).

9.2 While holding the 5/16" wrench and hinge pin in place, tighten the jam nut with the 11/16" wrench (supplied) (**Figure 27**).

9.3 To add tension, hold the hinge pin with the 5/16" wrench in a starting position to sustain tension when loosening the jam nut with the 11/16" wrench. Repeat step 9.1 and 9.2.

9.4 Repeat step 9.3 until the desired tension is obtained.

9.5 The desired tension is a "SELF-CLOSING". To check for proper closing speed, open the door 6 to 8 inches, and watch it "self-close". Do not over-torque the door. **DOORS SHOULD NOT SLAM AGAINST THE FRAME. THEY SHOULD CLOSE QUICKLY AND SOFTLY TO PREVENT DAMAGE TO THE GASKET.**

9.6 Repeat the above steps to set the tension on the remaining doors.

9.7 Make sure all doors are "self-closing" properly, THEN close all doors.



Figure 26



Figure 27



CAUTION:

Risk of injury. Pinching hazard due to potential pre-loaded pressure.

NOTE: The typical tension used as a "self-close" of the door when the door is released from a point approximately 6" to 7" open.

NOTE: Do not completely remove both the hinge pin and the slide pin at the same time.

10- Adjust Sawtooth:

NOTE: This adjustment is needed only when the non-hinge side top corner is lower than the hinge side top corner, therefore causing the doors to appear un-levelled.

10.1 Door alignment can be completed by loosening the bottom hinge pin and sliding the pin with the 3/4" wrench supplied and sliding the bottom of the door left or right (**Figure 28**).

10.2 Re-tighten the hinge pin and slide pin (**Figure 29**).

NOTE: Preventive maintenance program should include the checking, and tightening if necessary, of the hinge and slide pins.



Figure 28



Figure 29

11 - Installing Super Slide Trac Shelving (36" Deep)

11.1 Unpack all shelving components.

11.2 For installation of Super Slide-Trac shelving install the 7-1/2" extension brackets onto the frame brackets (**Figure 33**). Make sure the crimp on the extension bracket is on the top of the bracket. This extension bracket is not required for standard Slide-Trac shelving.

11.3 Install extension bracket or frame bracket to the post bracket.

11.4 Install screw in the hole located on the bracket (one per bracket).

11.5 For Super Slide-Trac shelving, position the shelf bases behind the end doors of each frame. There will be two bases per frame except for 1-door and 2-door frames which only have one base.

NOTE: The front of the base which faces the doors, has the short post supports.

11.6 With the leveler at the bottom, install front posts into bases with the holes in posts facing away from the doors. Some posts will not be set as bases and shall be secured to the frame system. Slide the post holders down over the frame brackets. Make sure the crimp on each post holder is at the top.

11.7 Insert rear posts with holes in posts facing away from the doors into the bases. Some posts will not be set in bases, but set as freestanding posts and will require top and bottom shelf installation. Slide post holders down over the frame brackets.

11.8 Install shelves flat or at an angle for gravity feed. Note that the Super Slide-Trac shelves have three different set-backs.

11.9 Level all posts by adjusting levelers with the 3/4" wrench supplied.

11.10 Install the remaining shelves in desired locations.

11.11 Install perimeter guard (if supplied) above the shelf at desired height.

11.12 Install glide sheets (if supplied) with the ribbed side up.

11.13 Install lane dividers. Set the lane divider front claw on the shelf front rail and lift in the middle to insert the rear claw on the shelf rear rail.

11.14 Install price tag molding (PTM) on the front of the shelf.



*Front Post

Figure 31



*Rear Post

Figure 32



Figure 33



* Shown with Free Standing Base. Not included

12- Installing Standard Shelving (24" or 27 Deep")

12.1 Unpack all shelving components.

12.2 With the leveler at the bottom, install front posts onto the frame mounted post brackets. Slide the post holders down over the frame brackets. Make sure the crimp on each post holder is at the top (**Figure 31**).

12.3 Insert bottom shelf into the two front posts and position the rear posts to be in alignment with the shelving. Install the shelving into the rear posts (**Figure 32**).

12.4 Install a shelf in the upper position to secure the posts. The rear posts are free standing and will require top and bottom shelf installation.

12.5 Install shelves flat or at an angle for gravity feed.

12.6 Level all posts by adjusting levelers with the 3/4" wrench supplied.

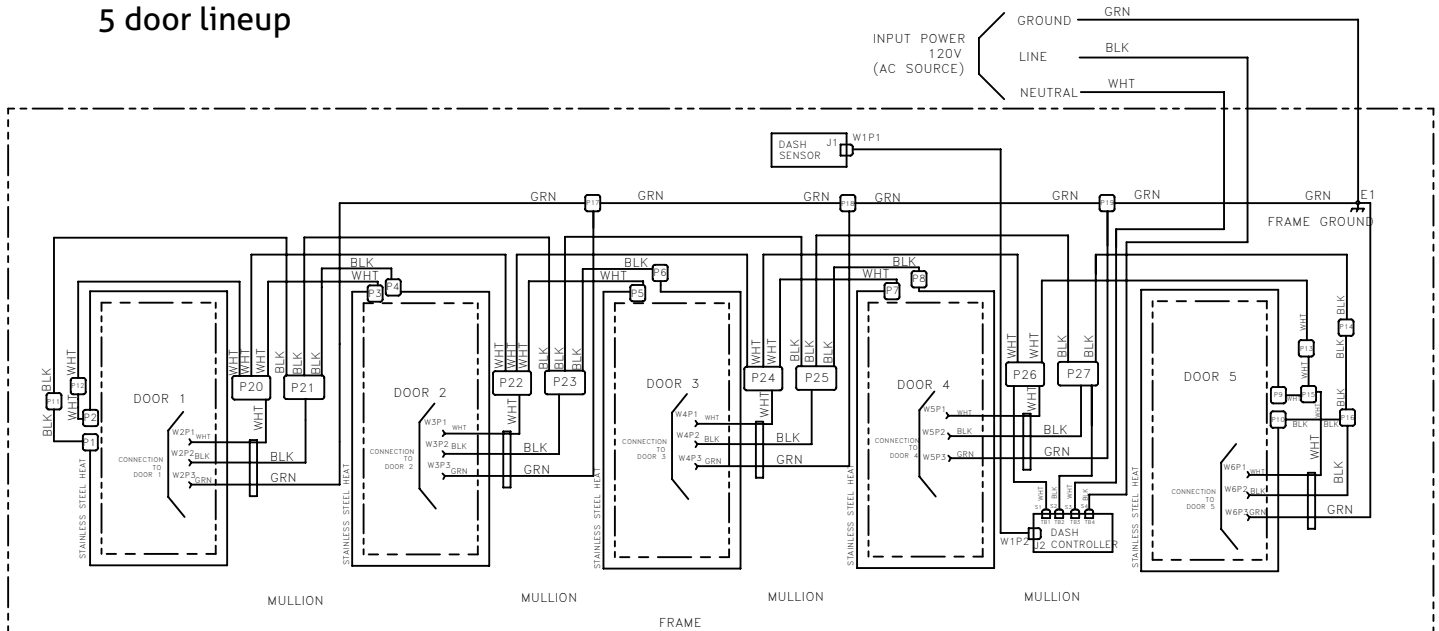
12.7 Install the remaining shelves in desired locations.



Standard Shelving Installed

Heater Wiring Diagram - High Humidity & Low Temp Only

5 door lineup



More diagrams available at www.styleline.com

12- Troubleshooting Guide

Download this manual and other informative materials from our website. QR-Code is also located in product label.

Scan QR Code



Solutions to Equipment Problems.

Most problems have several possible causes, hence several possible solutions. This guide will help troubleshoot the malfunction using a logical progression of tests and observations to isolate and identify the problem.



Some procedures require troubleshooting electrical circuits. DO NOT inspect any electrical wiring problem if you are not qualified to troubleshoot and repair electrical circuits. The information provided here is for educational purposes only.

Problem	Possible Cause(s)	Solution/Corrective Action
Doors Do Not Close (gaskets do not seal)	No tension on door	<ol style="list-style-type: none"> 1. Set door tension in accordance with the installation instruction. 2. If you cannot set the tension the bushing is likely stripped or cracked. 3. Remove the door. 4. Replace the bushing. 5. Reinstall the door.
	Gasket does not make contact with the stainless	<ol style="list-style-type: none"> 1. Inspect the gaskets condition and replace if torn. 2. Make sure the gasket dart is fully inserted into the door vinyl. 3. Make sure there is a magnet in the gasket. 4. Make sure the gasket is not rolled over on the hinge side. 5. Inspect the door to make sure it is not warped (racked). 6. Verify the frame has been installed correctly: <ul style="list-style-type: none"> • Shim should have been used at all frame-mounting screws to prevent the frame from being twisted during installation. Loosen the mounting screws and install shims. Re-tighten screws. • Verify both ends of the frame are plumb. If not reset the frame.
	Nylon washer at the bottom hinge pin is missing	<ol style="list-style-type: none"> 1. Install new nylon washer.
Doors Do Not Stay Open	Hold open cam bent	<ol style="list-style-type: none"> 1. If hold open cam is bent then replace.
	Missing hold open cam or bottom slide pin	<ol style="list-style-type: none"> 1. Replace the hold open cam. 2. Replace the bottom slide pin (if backer-plate stripped then replace backer-plate).
	Hold open cam or bottom slide pin are not to specs	<ol style="list-style-type: none"> 1. Replace.
	Damaged hold open cam or bottom slide pin	<ol style="list-style-type: none"> 1. Replace.

Problem	Possible Cause(s)	Solution/Corrective Action
Condensation Between Panes of Glass	Failed glass unit	1. Replace door.
Condensation on Unheated Doors	Store conditions (condensation on several doors of multiple frames)	1. The store is too hot: <ul style="list-style-type: none"> • Correct the store conditions. 2. The store is too humid: <ul style="list-style-type: none"> • Correct the store conditions. 3. The temperature in the box is too cold: <ul style="list-style-type: none"> • Correct the temperature inside the box. 4. Evaporator fans blowing on the back of the door: <ul style="list-style-type: none"> • Stock the shelves or redirect the air.
	Defective door (condensation on one door)	1. Replace the door.
	Hold open cam bent	1. If hold open cam is bent then replace.
Condensation on High Humidity Heated Doors	Store conditions (condensation on several doors of one or more frames)	1. The temperature in the box is too cold: <ul style="list-style-type: none"> • Correct the temperature inside the box. 2. Correct store conditions.
Loose Handle	No heat to the door (condensation on one door)	1. Check that the door cord is connected and screwed to the receptacle. 2. Check for power to the door: <ul style="list-style-type: none"> • Unplug the door cord. • Confirm 115 Voltage at the receptacle in the frame (center of the three contacts is ground). • If there is no Voltage reading then proceed to step 3. • If 115 Voltage reading then proceed to step 2. 3. Check for ohm reading on the door: <ul style="list-style-type: none"> • Determine ohm reading between the two outside pins. • Compare to the ohm reading on another door that is free of condensation. • If no reading, then replace the door heat, or • Repair the door heat. 4. Open mullion cover. 5. Check for 115 Voltage on black/yellow and white wires. 6. Check for loose connections on black/yellow and white wires. 7. Trace the power back to the building source to determine the point of open circuit and repair. Check for door heat.
	Screws located in handle side of door that hold handle in are loose.	1. Locate screws on handle side while door is in open position. 2. Utilizing a Phillips screwdriver, tighten the screws. If handle is still loose, proceed to next step. (If this fixed the issue, it is recommended to use Loctite on all screws.)
Loose Handle	Screws that secure handle connectors to the handle are loose.	1. Locate screws on handle side while door is in open position. 2. Utilizing a Phillips screwdriver, remove screws and pull handle out of the door extrusion. 3. Locate the hex head screws in the handle connector to ensure they are tight. 4. Re-assemble door handle. (If this fixed the issue, it is recommended to use Loctite on all screws.)

Problem	Possible Cause(s)	Solution/Corrective Action
Loose Handle	Countersink holes for screws in handle side of door are too deep.	<ol style="list-style-type: none"> 1. Locate screws on handle side while door is in open position. 2. Utilizing a Phillips screwdriver, tighten the screws. If handle is still loose and the screws for the handle connectors are tight as well, then check for "shiny silver" gap indicating that the screw sits below the extrusion and the countersink is too deep. If this is the case, a larger head screw will be needed. Screw size #10-32 x 3/8" with undercut head."
Condensation on High Humidity Heated Doors	No heat to the door circuit in the frame (condensation on several doors)	<ol style="list-style-type: none"> 1. Locate the first mullion on the left end of the frame and open the mullion cover. 2. Check for 115 Voltage on black/yellow and white wires. 3. Check for loose connections on black/yellow and white wires. 4. Trace the power back to the building source to determine the point of open circuit and repair.
Condensation on Freezer Doors	Store conditions (condensation on several doors of several frames)	<ol style="list-style-type: none"> 1. Check that the frame is fully caulked. 2. Check for power to the frames. 3. The store is too hot: <ul style="list-style-type: none"> • Correct the store conditions. 4. The store is too humid: <ul style="list-style-type: none"> • Correct the store conditions. 5. The temperature in the box is too cold: <ul style="list-style-type: none"> • Correct the temperature inside the box. 6. Evaporator fans blowing on the back of the door: <ul style="list-style-type: none"> • Stock the shelves or redirect the air.
	No heat to the door (condensation on one door)	<ol style="list-style-type: none"> 1. Check for power to the door: <ul style="list-style-type: none"> • Unplug the door cord. • Confirm 115 Voltage at the receptacle in the frame (center of the three contacts is ground). • If there is no Voltage reading then proceed to step 3. • If 115 Voltage reading then proceed to step 2. 2. Check for ohm reading on the door: <ul style="list-style-type: none"> • Determine ohm reading between the two outside pins. • Compare to the ohm reading on another door that is free of condensation. • If no reading, then replace the door heat, or • Repair the door heat. 3. Open mullion cover. 4. Check for 115 Voltage on black/yellow and white wires. 5. Check for loose connections on black/yellow and white wires. 6. Trace the power back to the building source to determine the point of open circuit and repair. Check for door heat. 7. Open mullion cover. 8. Check for 115 Voltage on black/yellow and white wires. 9. Check for loose connections on black/yellow and white wires. 10. Trace the power back to the building source to determine the point of open circuit and repair.

Job Notes: