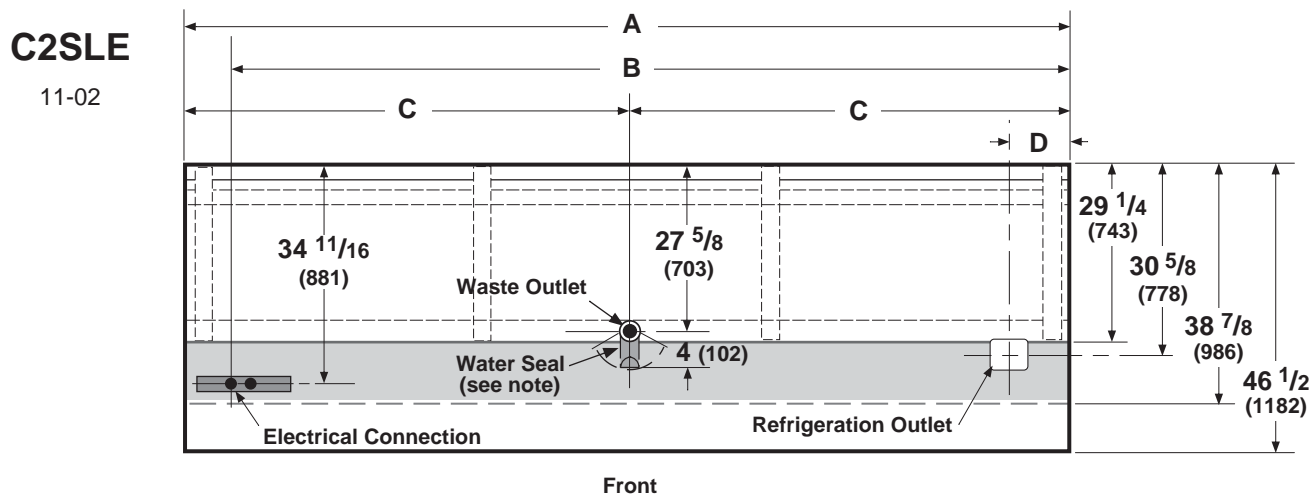





Item	Part #	Description	Wiring Item #	Item	Part #	Description	Wiring Item #
<b>FAN ASSEMBLIES, AND THERMOSTATS</b>				<b>LAMPS AND BALLASTS</b>			
A.	<b>6W Fan Assembly</b> 0058698	Fan Motor, Evaporator 115V, 6W, CW	(1)	D.	0428002	Ballast <b>1 lamp</b>	(4)
	0142780	Fan Blade embossing toward motor 8 in., 25°, CW		D.	0428648	Ballast <b>2 lamps</b>	(4)
B.	0411744	Standard Non-adjustable disc type Defrost Thermostat	(2)	D.	0428649	Ballast <b>3 lamps</b>	(4)
C.	0137880	Optional Adjustable Refrigeration Thermostat	(3)	E.		Fluorescent Lamp <i>Replace with like fixtures</i>	(5)

# Engineering Plan Views

Dimensions shown as in. & (mm).



	4 Ft	6 Ft	8 Ft	12 Ft
<b>General</b>				
<b>(A)</b> Case Length (without ends or partitions)	48 1/4 (1226)	72 1/4 (1835)	96 3/8 (2448)	144 1/2 (3670)
Maximum O/S dimension of case back to front (Includes bumper)	46 1/2 (1181)	46 1/2 (1181)	46 1/2 (1181)	46 1/2 (1181)
Back of case to front of splashguard	38 7/8 (987)	38 7/8 (987)	38 7/8 (987)	38 7/8 (987)
Back of case to O/S edge of front skidrail	29 1/4 (743)	29 1/4 (743)	29 1/4 (743)	29 1/4 (743)
Width of Skidrail	4 1/2 (114)	4 1/2 (114)	4 1/2 (114)	4 1/2 (114)
Width of Bottom Front Support	6 (152)	6 (152)	6 (152)	6 (152)
Stub-up area between front skidrail and splashguard	7 (178)	7 (178)	7 (178)	7 (178)
<b>Electrical Service</b> 				
<b>(B)</b> RH end of case to the center of LH knockout	40 1/4 (1022)	64 1/4 (1632)	88 3/8 (2245)	136 1/2 (3467)
Back O/S of case to center of knockout	34 5/8 (881)	34 5/8 (881)	34 5/8 (881)	34 5/8 (881)
<b>Waste Outlet and Water Seal</b> 				
<b>(C)</b> Right end of case to center of waste outlet	24 1/8 (613)	24 1/8 (613)	24 1/8 (613)	72 1/4 (1835)
Left end of case to center of waste outlet	24 1/8 (613)	48 1/8 (1222)	72 1/4 (1835)	72 1/4 (1835)
Back O/S of case to center of waste outlet	27 5/8 (703)	27 5/8 (703)	27 5/8 (703)	27 5/8 (703)
Edge of water seal to center of waste outlet	4 (102)	4 (102)	4 (102)	4 (102)
Outside diameter of drip piping lines	1 1/2 (38)	1 1/2 (38)	1 1/2 (38)	1 1/2 (38)
<i>NOTE: Water seal outlet must clear front skid rail. C2 &amp; C2G water seal rotation in forward direction only due to low base.</i>				
<b>Refrigeration Outlet</b> 				
<b>(D)</b> Right end of case to center of refrigeration outlet	9 (230)	9 (230)	9 (230)	9 (230)
Back O/S of case to center of refrigeration outlet	30 5/8 (778)	30 5/8 (778)	30 5/8 (778)	30 5/8 (778)

**Impact C2SLE**  
**Delicatessen/Dairy**  
**Precut & Packaged Produce**

**REFRIGERATION DATA**

**Note:** This data is based on store temperature and humidity that does not exceed 75°F and 55% R.H.

	<b>C2SLE</b>
<b>Discharge Air (°F)</b>	27
<b>Evaporator (°F)</b>	21
<b>Unit Sizing (°F)</b>	19
<b>Btu/hr/ft*</b>	<b>C2SLE</b>
<b>Parallel</b>	950
<b>Conventional</b>	1000

\*For all refrigeration equipment other than Hussmann, use conventional Btu values.

**DEFROST DATA**

	<b>C2SLE</b>
<b>Frequency (hr)</b>	<b>6</b>
<b>Defrost Water (lb/ft/day)</b>	<b>6</b>
<small>(± 15% based on case configuration and product loading).</small>	
<b>OFFTIME</b>	<b>C2SLE</b>
<b>Temp Term (°F)</b>	48°
<b>Failsafe (min)</b>	30

**Standard Defrost Thermostat**  
 Close on rise: close 48° — open 33°

**CONVENTIONAL CONTROLS**  
**Low Pressure Backup Control**

	<b>C2SLE</b>
<b>C/CO (Temp °F)**</b>	<b>17°/7°</b>

**Indoor Unit Only, Pressure Defrost Termination (Temp °F)\*\*** **48°**

\*\*Use a Temperature Pressure Chart to determine PSIG conversions.

**PHYSICAL DATA**

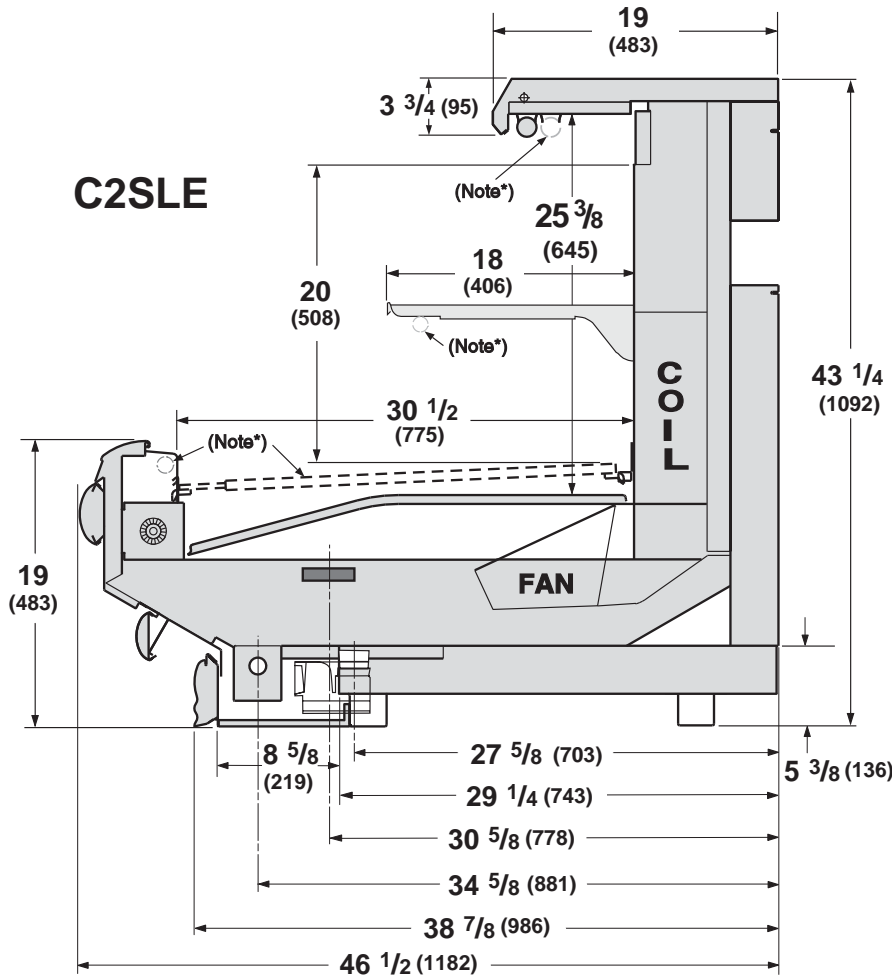
<b>Merchandiser</b>	
<b>Drip Pipe (in.)</b>	1 1/2
<b>Liquid Line (in.)</b>	3/8
<b>Suction Line (in.)</b>	7/8

<b>Estimated Charge (lb)***</b>	<b>C2SLE</b>
<b>4 ft</b>	1.3
<b>6 ft</b>	1.8
<b>8 ft</b>	2.3
<b>12 ft</b>	3.3

\*\*\*This is an average for all refrigerant types. Actual refrigerant charge may vary by approximately half a pound.

**Length Added to Lineup by:**  
**Each End/Partition (in.)** 1 1/2

Dimensions are shown as in. & (mm).



(Note:\* Optional Accessory Items)

**Note:** The bumpers are 4 in. wide. The center of the top bumper is 14 1/8 in. from the floor and the center of the lower bumper is 6 1/8 in. from the floor.

**NSF Certification**

These merchandisers are manufactured to meet ANSI/National Sanitation Foundation (NSF®) Standard #7 requirements.

<b>Impact C2SLE</b> <b>Delicatessen/Dairy</b> <b>Precut &amp; Packaged Produce</b>
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## Electrical Data

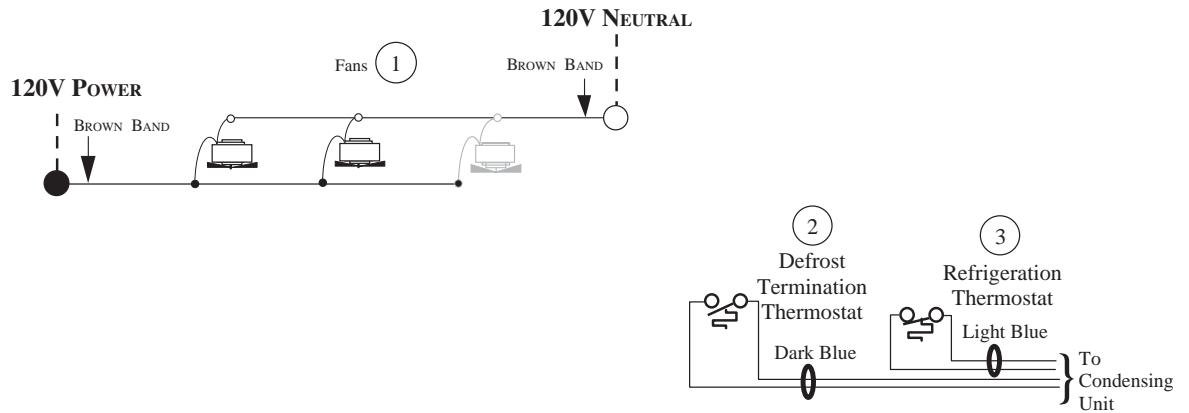
	4 ft	6 ft	8 ft	12 ft
<b>Number of Fans — 6W</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>3</b>
<b>Number of Fans — 6W (Export)</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>3</b>

(Export: 230V 50 hz shown)

<b>Merchandiser</b>	<b>Amperes</b>				<b>Watts</b>			
	4 ft	6 ft	8 ft	12 ft	4 ft	6 ft	8 ft	12 ft
<b>Fans</b>								
Standard	0.50	1.00	1.00	1.50	39	78	78	117
Energy Efficient	0.26	0.52	0.52	0.78	18	36	36	54
Export: 230V 50 hz	0.28	0.56	0.56	0.84	44	88	88	132
<b>Cycling Anti-sweat Heaters</b>	NA	NA	NA	NA	NA	NA	NA	NA
<b>Min. Circuit Ampacity</b>								
With Standard Fans	0.70	1.20	1.20	1.70				
Energy Efficient	0.46	0.72	0.72	0.98				
Export: 230V 50 hz	0.48	0.76	0.76	1.04				
<b>Max. Over Current Protection</b>								
<b>120V</b>	20	20	20	20				
<b>230V</b>	15	15	15	15				
<b>Standard Lighting</b>								
1 Row Canopy	0.26	0.51	0.51	0.77	59	59	59	85
<b>Optional Lighting</b>								
1 Row Canopy and 1 Row Rail	0.51	1.02	1.02	1.54	59	118	118	170
2 Rows Canopy	0.51	1.02	1.02	1.54	59	118	118	170
2 Rows Canopy and 1 Row Rail	0.77	1.53	1.53	2.31	88	177	177	255
1 Row of Ledge Lights	0.49	0.51	0.51	0.77	30	59	59	85
<b>Optional Shelf Lighting</b>								
1 Row of Shelves	0.26	0.51	0.51	0.77	30	59	59	85
2 Rows of Shelves	0.51	1.02	1.02	1.54	118	118	118	170

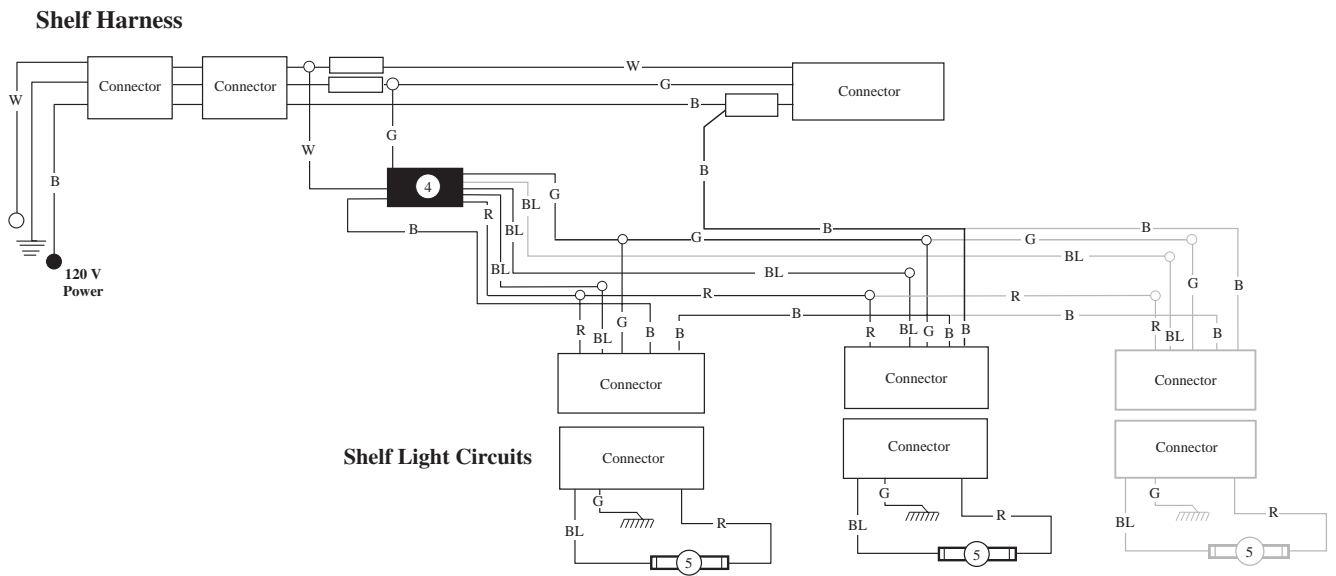
# 1, 2 & 3 Fans

## Fan Wiring Offtime Defrost



## Optional Shelf Harness and Light Circuits for One Row of Shelves

## Shelf Lighting



### WARNING

All components must have mechanical ground, and the merchandiser must be grounded.

**CIRCLED NUMBERS = PARTS LIST ITEM NUMBERS**

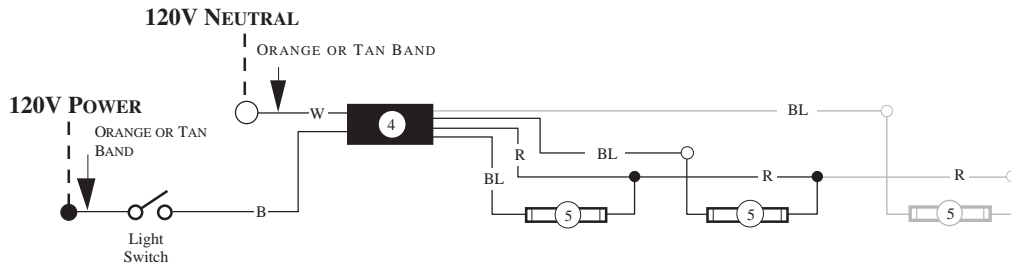
Grayed components in 12 ft models only.

R = Red Y = Yellow G = Green BL = Blue B = Black W = White

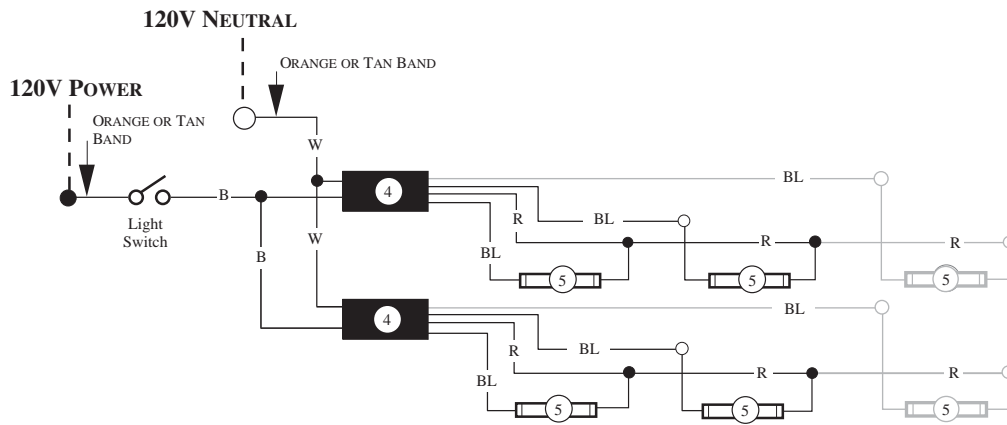
● = 120V POWER ○ = 120V NEUTRAL ≡ = FIELD GROUND ▨ = CASE GROUND

# Light Circuits

## Standard Lighting 1 Row Canopy



## Optional Lighting 2 Rows Canopy



### WARNING

All components must have mechanical ground, and the merchandiser must be grounded.

**CIRCLED NUMBERS = PARTS LIST ITEM NUMBERS**

Grayed components in 12 ft models only

R = Red Y = Yellow G = Green BL = Blue B = Black W = White

● = 120V POWER ○ = 120V NEUTRAL

**SHELF CONFIGURATION**

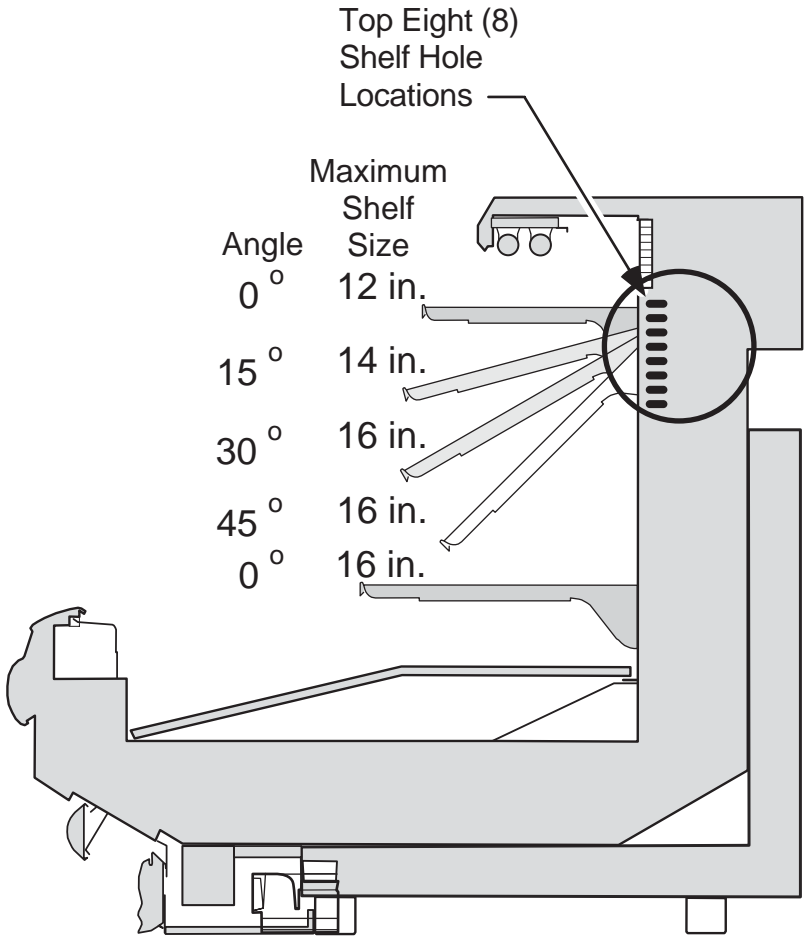
This merchandiser is designed for one or two shelves.

The depth of the shelf used in the top eight (8) shelf hole locations is critical to case performance.

If a shelf is placed in one of the top eight (8) locations, it must comply with the angle/depth requirements listed below:

Shelf Angle	Maximum Shelf Depth
0°	12 in.
15°	14 in. or less
30°	16 in. or less
45°	16 in. or less

**NOTE:** Shelves placed in the lower positions may be up to 16 in. deep when positioned at a 0° angle.

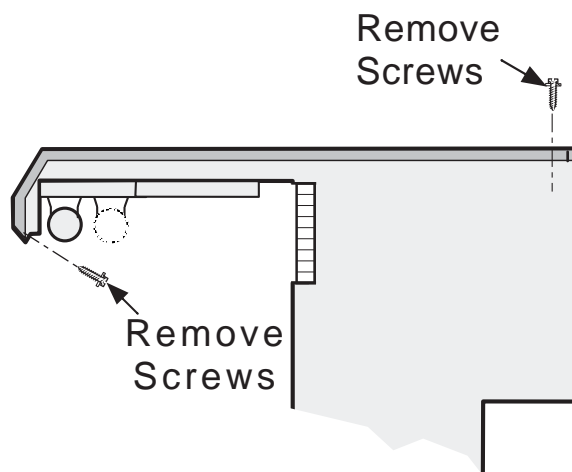


## REPLACING CANOPY AND SHELF LAMP BALLAST

The ballast for the canopy and shelf lamps is located behind the canopy on the left-hand end of the merchandiser (when facing case).

To access the ballast:

1. Remove screws at bottom edge of the canopy and rear of the top panel.



3. Remove the one piece canopy top panel by moving panel forward slightly to clear flange in front, then lifting up.

4. Service or replace ballast as required.

5. Reassemble items as they were originally installed.

**NOTE:** Rail lamp ballast is located behind the lower front panel.

