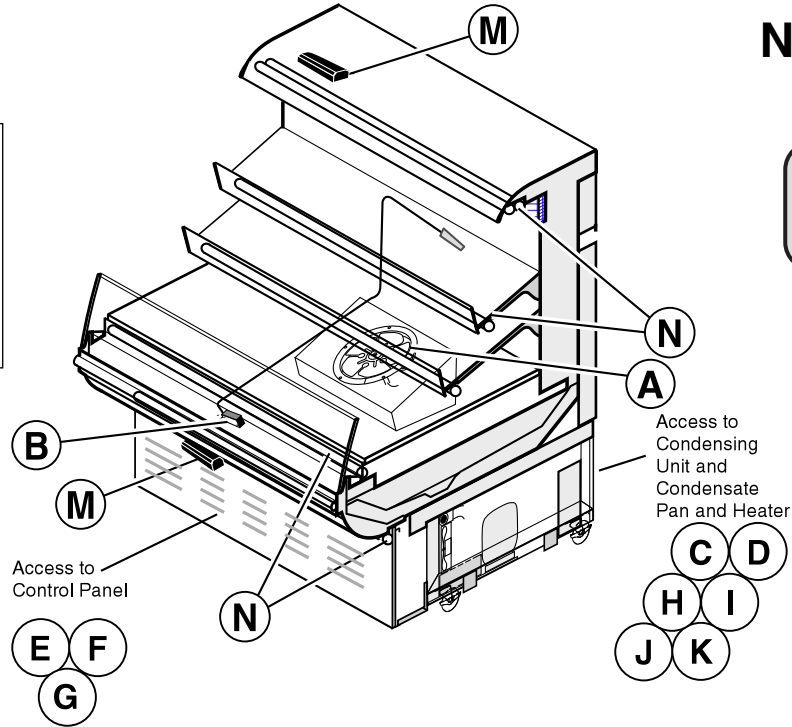


We reserve the right to change or revise specifications and product design in connection with any feature of our products. Such changes do not entitle the buyer to corresponding changes, improvements, additions or replacements for equipment previously sold or shipped.



Item	Part #	Description	Wiring Item #	Item	Part #	Description	Wiring Item #
FAN ASSEMBLIES AND THERMOSTATS				CONTROL PANEL			
A.	7W Standard Energy Efficient 0477654	Fan Assembly (MO.4410545)	(1)	E.	0047449	Defrost Timer (TC.4480258)	(4)
	0142780	Fan Blade (FB.0142780) embossing toward motor		F.	0019187	Disconnect Switch (SW.4440647)	(5)
B.	0353949	Standard Adjustable Refrigeration Thermostat (CT.4481087)	(2)	G.	0513693	Pressure Control (CP.4482953)	(6)
HEATERS				REFRIGERATION			
C.	0314573	Condensate Pan Heater 120V (HE.0314573)	(3)	H.	0512902	Condensing Unit Assembly 115V (EQ.4671458)	
D.	11584P	Condensate Pan (DP.4982972)		I.	0331344	Sight Glass (GL.4974431)	
				J.	0111482	Drier (FI.4611727)	
				K.	0515380	Crankcase Pressure Regulator (VR.4613797)	
				L.	TEV 0403867	4 ft (VR.0403867)	
				LAMPS AND BALLASTS			
				M.	Ballast, Electronic 0466234	2 lamps (BA.4480823)	(7)
				N.		Fluorescent Lamp <i>Replace with like fixtures</i>	(8)

Note: Rev.B makes energy efficient fans standard, adds DOE 2012 compliance. Other changes marked by bar, underline or circle.

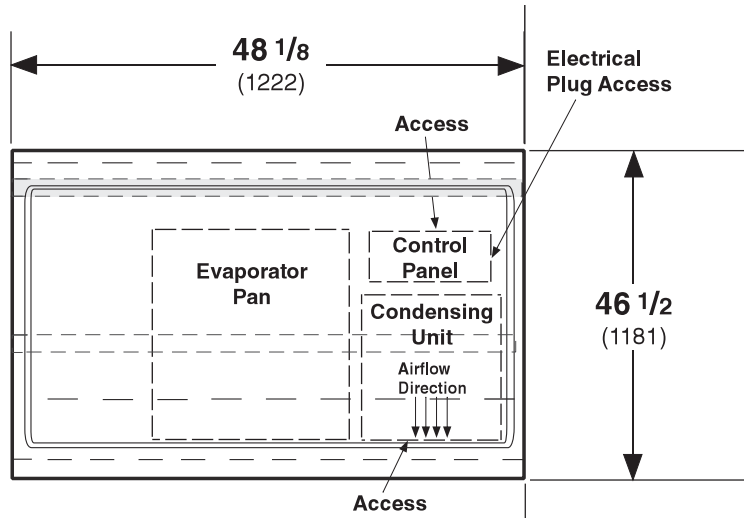






Engineering Plan Views

E2S4B
Self-Contained
Meat, Delicatessen
Precut & Packaged
Produce
41 In. High
 09-2005

PHYSICAL DATA	
Merchandiser Drip Pipe (in.)	1 1/2
Merchandiser Liquid Line (in.)	3/8
Merchandiser Suction Line (in.)	7/8

Dimensions shown as inches and (mm).



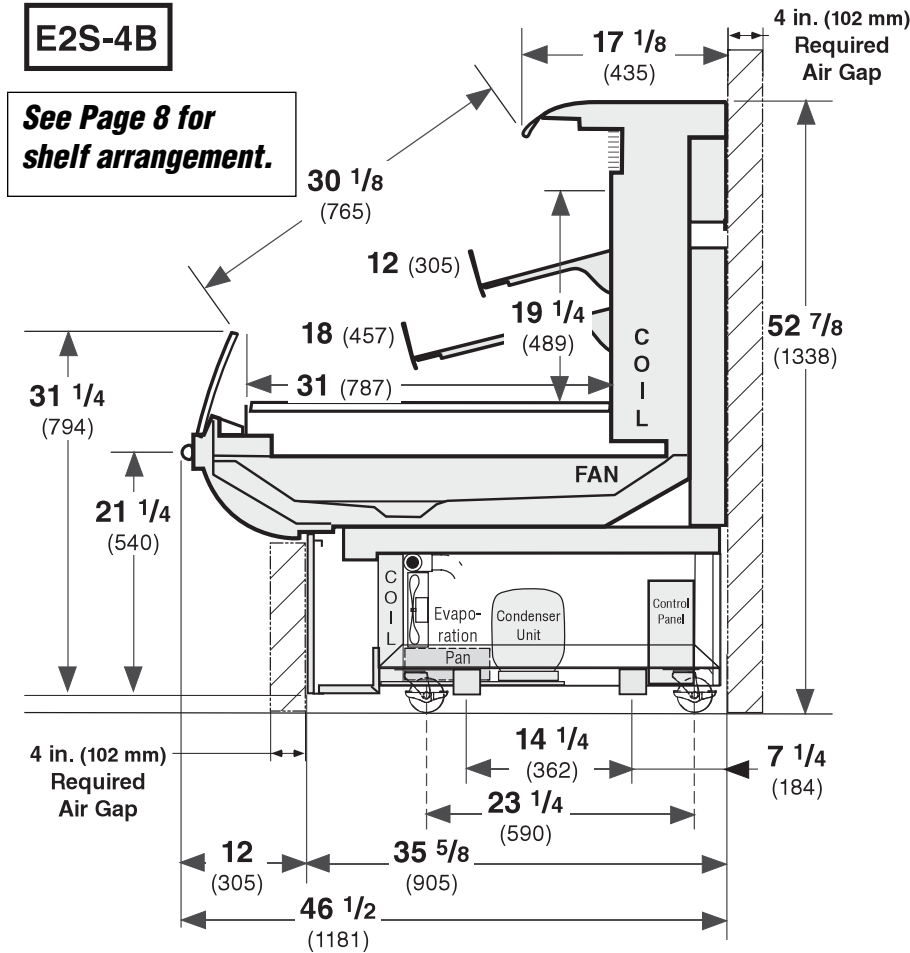
		4 ft
General		
(A) Case Length (<i>without ends or partitions</i>)		48 1/8 (1222)
<i>NOTE: Each end and insulated partition adds 1 inch to lineup.</i>		
Maximum O/S dimension back to front (<i>with bumper</i>)		46 1/2 (1181)
Back of case to front of front panel		34 1/2 (876)
Back of case to O/S edge of front skid rail		29 3/8 (746)
Width of skid rail		4 1/2 (114)
RH end of case to outside edge of external support		1 3/8 (34)
Distance between edges of external supports		37 (940)
Stub-up area between front skid rail and front panel		5 3/4 (146)
Electrical Service  (<i>Electrical Field Wiring connection point</i>)		
(B) Length of electrical raceway		18 3/8 (467)
(C) RH End of case to center of farthest knockout		36 5/8 (930)
Back of case to center of end knockout		29 5/8 (752)
(D) RH End of case to RH end of raceway		27 5/8 (702)
(E) LH End of case to LH end of raceway		2 1/8 (54)
Waste Outlet 		
(F) RH End of case to the center of waste outlet		24 1/4 (616)
LH End of case to the center of waste outlet		23 7/8 (606)
Back O/S of case to center of waste outlet		27 5/8 (702)
Water Seal 		
Edge of water seal to center of waste outlet		4 (102)
Outside diameter of the drip pipe		1 1/2 (38)
Refrigeration Outlet 		
Back of case to center of refrigeration outlet		30 3/4 (781)

Elite Self-Contained Specialty Merchandiser
Multi-deck, Prep Top, 2 Display Levels

DOE 2012 Energy Efficiency Compliant Hussmann refrigerated merchandisers configured for sale for use in the United States meet or surpass the requirements of the DOE 2012 energy efficiency standards.

Elite E2S4B
Meat, Delicatessen
Precut & Packaged Produce

Dimensions shown as in. & (mm).



REFRIGERATION DATA

Note: This data is based on store temperature and humidity that does not exceed 75 (°F) and 55% R.H. Schedule defrost at night while lights are off.

E2S4B		
	MEAT	DELI
Discharge Air (°F)	25	28
Condensing Unit (hp)		0.50
Condensing Unit Capacity (Btu/hr at std. rating conditions)		3922

DEFROST DATA

Frequency (hr)	6
OFFTIME	E2S4B
Temp Term (°F)	48
Defrost Termination Pressure (psig)	100

CONVENTIONAL CONTROLS

Low Pressure Backup Control	C/CO*	
E2S4B	Meat	Deli
Temp (°F)	11 / 6	14 / 4

*Use a Temperature Pressure Chart to determine PSIG conversions.

Refrigerant Charge	E2S4B		
4 ft	4 lb	64 oz	1.8 kg

NSF Certification

This merchandiser model is manufactured to meet NSF/ANSI (National Sanitation Foundation) Standard #7 requirements for construction, materials & cleanability.

Elite E2S4B

Meat, Delicatessen
Precut & Packaged Produce

Electrical Data

Note: These are rated values for individual components and should not be added together to determine total merchandiser electrical load.

	4 ft
Number of Fans — 7W	1
Number of Fans — 7W (Export)	1
(Export: 230V 50 hz shown)	

	Amperes	Watts
Merchandiser	4 ft	4 ft
Fans		
Standard Energy Efficient (120V 60 Hz)	0.19	14
Condensate Pan Heater	8.3	1000
Condensing Unit (120V, 1Ph, 60Hz)		
Minimum Circuit Ampacity	10.9	
Compressor LRA	36.0	
Compressor RLA	7.98	
Minimum Circuit Ampacity		
With Standard EE Fans (120V 60 Hz)	19.1	
Maximum Over Current Protection	30	
Electric Defrost Heaters (208V 1Ph)	NA	

ONLY LIGHTING CONFIGURATIONS THAT ARE COMPLIANT WITH THE U.S. DEPT. OF ENERGY (DOE) 2012 REGULATION ARE AVAILABLE FOR SALE FOR USE IN THE U.S.A.

Standard Lighting (T-8 Fluorescent)

2 Rows Canopy	0.51	66
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Optional Lighting (T-8 Fluorescent)

1 Row Rail Lights	0.51	62
1 Row Ledge Lights	0.51	62
1 Row of Shelves	0.51	62
2 Rows of Shelves	0.51	62

Elite E2S4B Delicatessen Precut & Packaged Produce

Product Data

<i>Recommended Usable Cube</i> ¹ (Cu Ft/Ft)	2.19 ft ³ /ft (0.20 m ³ /m)
<i>AHRI Total Display Area</i> ² (Sq Ft/Ft)	2.66 ft ² /ft (0.81 m ² /m)
<i>Shelf Area</i> ³ (Sq Ft/Ft)	4.08 ft ² /ft (1.24 m ² /m)

¹ AHRI Refrigerated Volume less shelving and other unusable space: Refrigerated Volume/Unit of Length, ft³/ft [m³/m]

² Computed using AHRI 1200 standard methodology: Total Display Area, ft² [m²]/Unit of Length, ft [m]

³ Shelf surface area is composed of bottom deck plus standard shelf complement, as shown in the Hussmann

Product Reference Guide. The standard shelf complement for this model is (1) row of 12-inch shelves and (1) row of 18-inch shelves.

ESTIMATED SHIPPING WEIGHT ⁴

Case	4 ft	Solid End
		(each)
lb (kg)	600 (272)	50 (23)

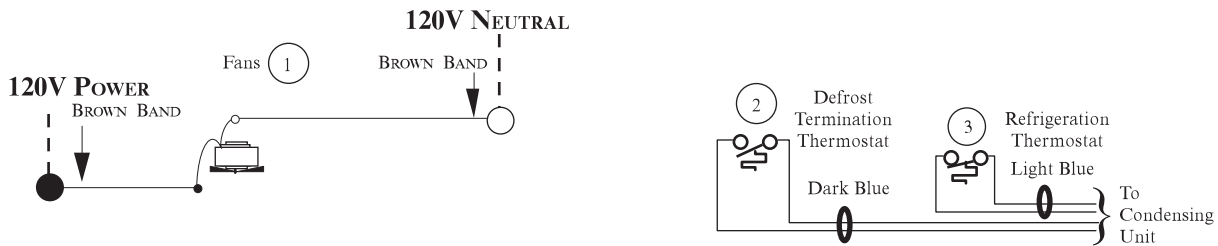
⁴ Actual weights will vary according to optional kits included.

Elite E2S4B

Delicatessen
Precut & Packaged Produce

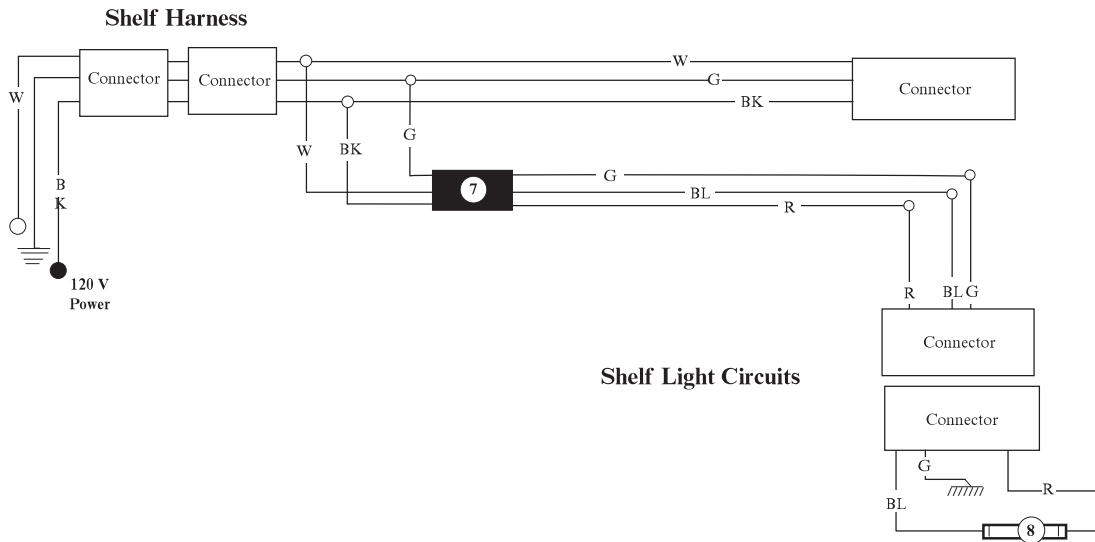
Fan Wiring Offtime Defrost

1 Fan



Shelf Lighting

Optional Shelf Harness and Light Circuits for One Row of Shelves



WARNING

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

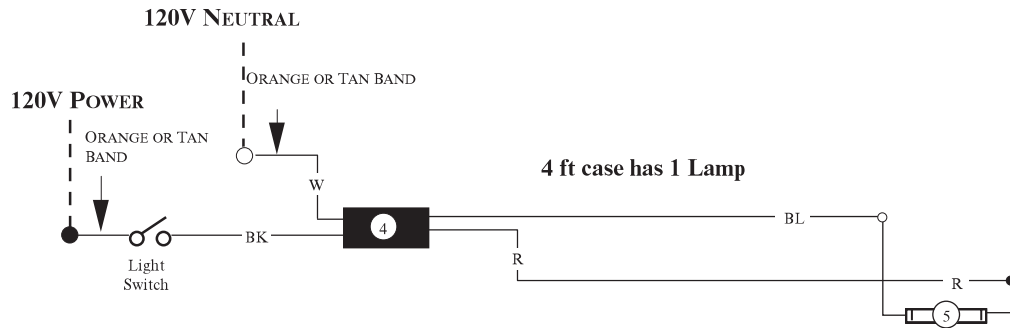
CIRCLED NUMBERS = PARTS LIST ITEM NUMBERS

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

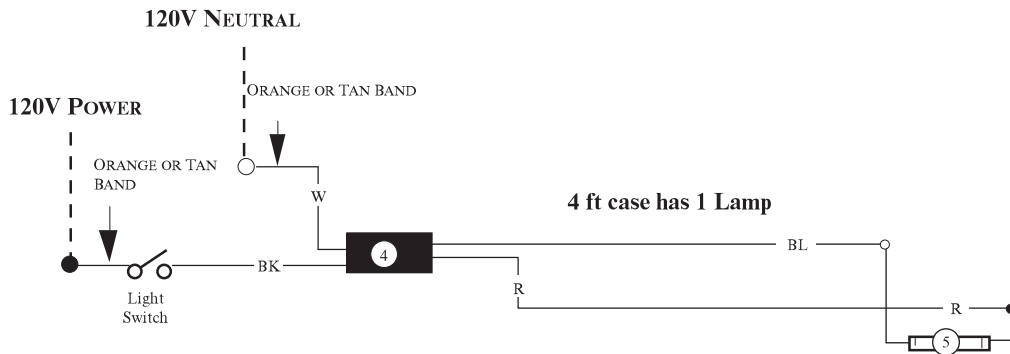
● = 120V POWER ○ = 120V NEUTRAL ≡ = Field GROUND ≡ = Case GROUND

Light Circuits

Standard Lighting 1 Row Canopy



Optional Lighting: 1 Row Ledge or 1 Row Rail



WARNING

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

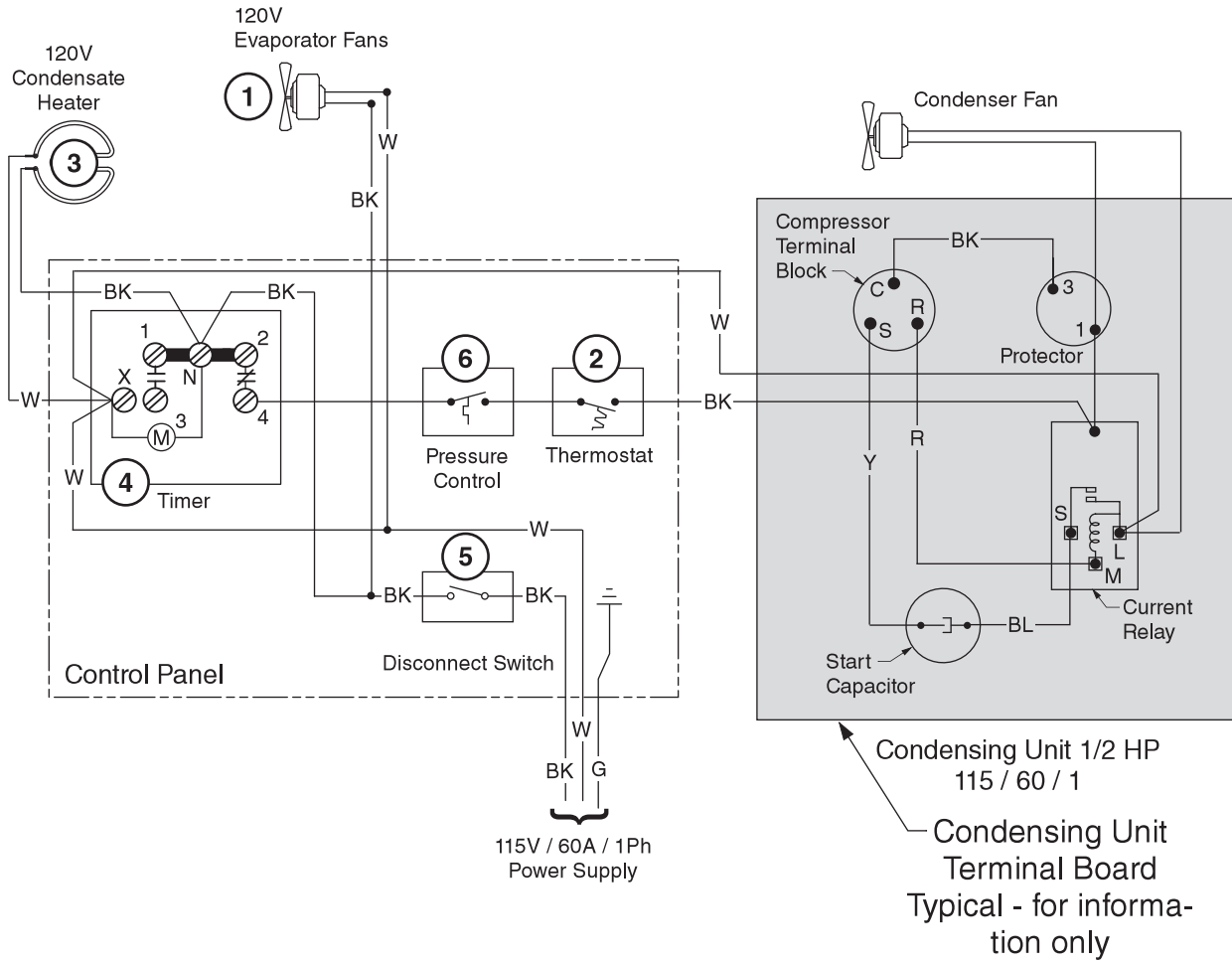
CIRCLED NUMBERS = PARTS LIST ITEM NUMBERS

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● = 120V POWER ○ = 120V NEUTRAL

Elite E2S4B

Delicatessen
Precut & Packaged Produce



SHELF CONFIGURATION

This merchandiser is designed for two shelves.

This illustration shows recommended shelf depth and shelf angle for the two locations.

It is critical to case performance that no product, shelf or stop extend beyond the load limit, as shown in this illustration. This configuration supports the air curtain and provides optimal case performance.

Check with Hussmann engineering before using a different configuration.

