

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				HEATERS			
A.	4W	Standard Fan Assembly	(1)	C.	Nosing Anti-sweat Heater, 120V		(3)
	0392457	Fan Motor, Evaporator – 120V (MO.4410101)			0496493	8 ft (HE.4850736)	
	0409511	Fan Blade (FB.0409511)		LAMPS AND BALLASTS (IN OPTIONAL LIGHT BAR)			
A.	4W	Energy Efficient Fan Assembly	(1)	D.	Ballast, Electronic		(4)
	0477653	Fan Motor, Evaporator – 120V (MO.4410544)			0466234	2 lamps (BA.4480823)	
	0409511	Fan Blade (FB.0409511)		E.	Fluorescent Lamp		(5)
						<i>Replace with like fixtures</i>	
B.	0510349	Standard Adjustable Refrigeration Thermostat (CT.4441543)	(2)				

Revision A is original issue.



Engineering Plan Views

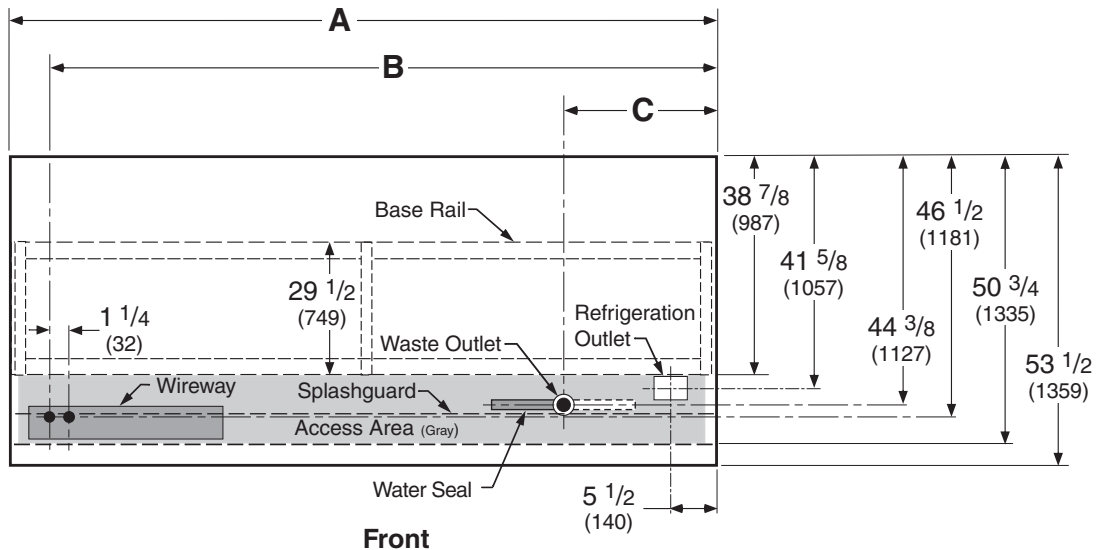
PHYSICAL DATA





Merchandiser Drip Pipe (in.)	1 1/4
Merchandiser Liquid Line (in.)	3/8
Merchandiser Suction Line (in.)	7/8

Dimensions shown as in. and (mm).

BEXD

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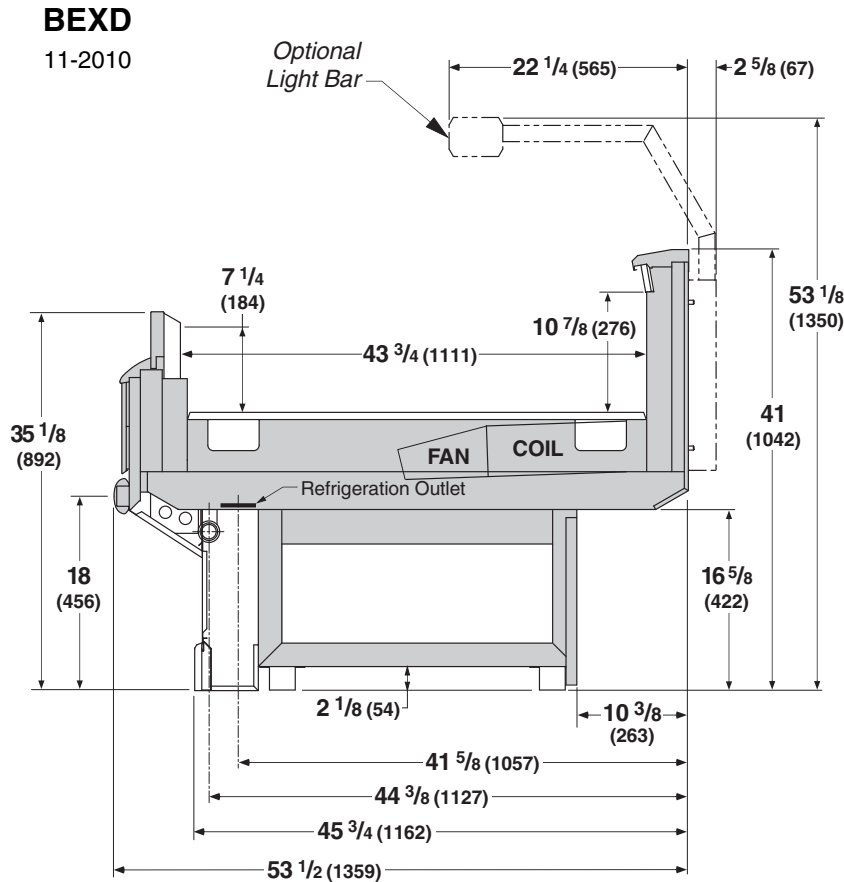
		8 ft
General		
(A) Case Length (<i>without ends or partitions</i>)		96 1/4 (2445)
<i>(each end or insulated partition adds 1 1/2 in. [38 mm]; each end with bumper adds 2 1/2 in. [64 mm])</i>		
Maximum O/S dimension back to front (<i>with bumper</i>)		53 1/2 (1359)
Back of case to front of splashguard		45 3/4 (1162)
Back of case to O/S edge of front skid rail		38 3/4 (984)
Width of skid rail		4 1/4 (108)
RH end of case to outside edge of external support		1 3/8 (35)
Distance between edges of external support and center support		44 5/8 (1135)
Stub-up area between front skid rail and splashguard		4 5/8 (117)
Electrical Service  (<i>Electrical Field Wiring connection point</i>)		
Length of electrical raceway		32 3/4 (831)
(B) RH End of case to center of farthest knockout		89 1/4 (2267)
Back of case to center of knockout		46 1/2 (1181)
RH End of case to RH end of raceway		57 1/2 (1460)
Waste Outlet 		
(C) RH End of case to the center of waste outlet		19 5/8 (498)
LH End of case to the center of waste outlet		76 5/8 (1946)
Back O/S of case to center of waste outlet		44 3/8 (1127)
Water Seal 		
Edge of water seal to center of waste outlet		13 (330)
Outside diameter of the drip pipe		1 1/4 (32)
Refrigeration Outlet 		
Back of case to center of refrigeration outlet		41 5/8 (1057)
RH end of case to center of refrigeration outlet		5 1/2 (140)



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.

Dimensions shown as in. and (mm).



BEXD

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	BEXD
Discharge Air (°F)	31
Evaporator (°F)	21
Unit sizing (°F)	19
<i>Btu/hr/ft[‡]</i>	BEXD
Parallel	460
Conventional	490

[‡]Optional energy efficient motors reduce the refrigeration load by 14 Btu/hr/ft.

DEFROST DATA

	BEXD
Frequency (hr)	12
Defrost Water (lb/ft/day)	2
(± 15% based on case configuration and product loading).	
<i>OFFTIME</i>	
Failsafe (minutes)	70
<i>ELECTRIC OR GAS</i>	Not Available
Standard Defrost Thermostat	NA

CONVENTIONAL CONTROLS

Low Pressure Backup Control	BEXD
CI/CO*	30°F/20°F
Indoor Unit Only, Pressure Defrost	
Termination*	48°F

*Use a Temperature Pressure Chart to determine PSIG conversions.

Estimated Charge**	BEXD
8 ft	2.7 lb 43 oz 1.2 kg

**This is an average for all refrigerant types. Actual refrigerant charge may vary by approximately 0.5 lb (8 oz / 0.2 kg).

NSF® Certification

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

Electrical Data

			8 ft	
Number of Fans – 4W			2	
			Amperes	Watts
			8 ft	8 ft
Evaporator Fans				
120V	60Hz	Standard	0.62	48
120V	60Hz	Energy Efficient	0.24	16
120V	60Hz	Export	NA	
Nosing Anti-sweat Heaters (120V)			0.67	80
Minimum Circuit Ampacity				
120V	60Hz	Standard	1.49	
120V	60Hz	Energy Efficient	1.11	
120V	60Hz	Export	NA	
Maximum Over Circuit Protection 120V			20	
Lighting				
Standard	8 ft	12 ft	8 ft	
Optional Light Bar				
	1 Row	Fluorescent Lamp	0.50	60

Product Data

<i>Recommended Usable Cube</i> ¹ (Cu Ft/Ft)	2.85 ft ³ /ft (0.26 m ³ /m)
<i>ARI Total Display Area</i> ² (Sq Ft/Ft)	3.77 ft ² /ft (1.15 m ² /m)
<i>Shelf Area</i> ³ (Sq Ft/Ft)	3.77 ft ² /ft (1.15 m ² /m)

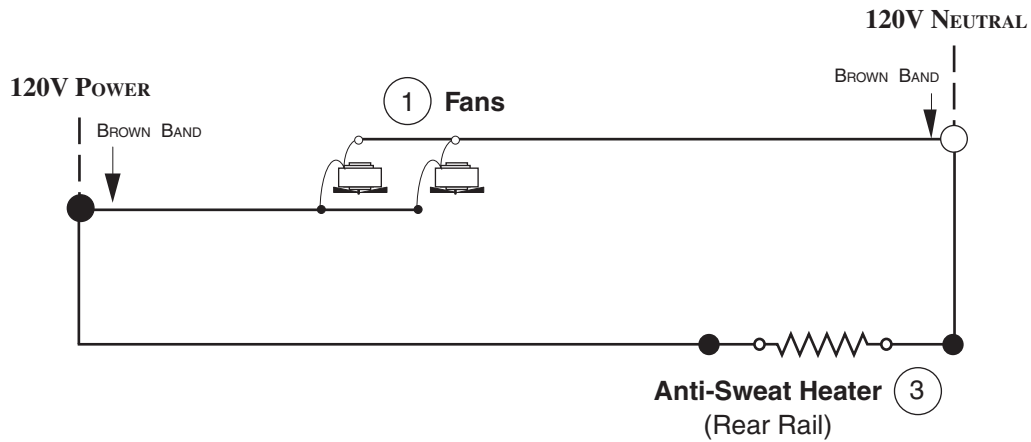
¹ ARI Refrigerated Volume less shelving and other unusable space: Refrigerated Volume / Unit of Length, ft³/ft [m³/m]
² Computed using ARI 1200 standard methodology: Total Display Area, ft² [m²] / Unit of Length, ft [m]
³ Shelf surface area is composed of bottom deck plus standard shelf complement, as shown in the Hussmann *Product Reference Guide*. The standard shelf complement for this model is *NONE*.

ESTIMATED SHIPPING WEIGHT ⁴		
Case	<i>8 ft</i>	<i>End</i>
lb (kg)	800 (363)	75 (43)
⁴ Actual weights will vary according to optional kits included.		

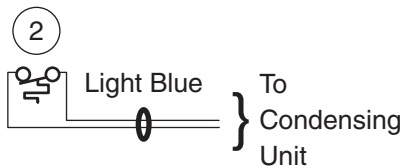
Fan Wiring Offtime Defrost

2 Fans

8 ft — 2 Fans



Refrigeration Thermostat



WARNING

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

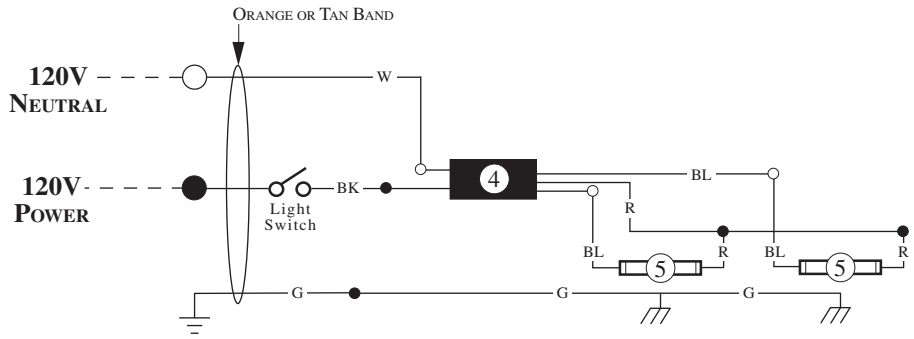
CIRCLED NUMBERS = PARTS LIST ITEM NUMBERS

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

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

Standard Lighting — None

Optional Lighting — 1 Row Light Bar



Typical Ballast Wiring

Maximum lamps per ballast is three (3).
 Different case lengths will have more lamp ballasts.

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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