HUSSMANN®

EXCEL™ B1X-GE

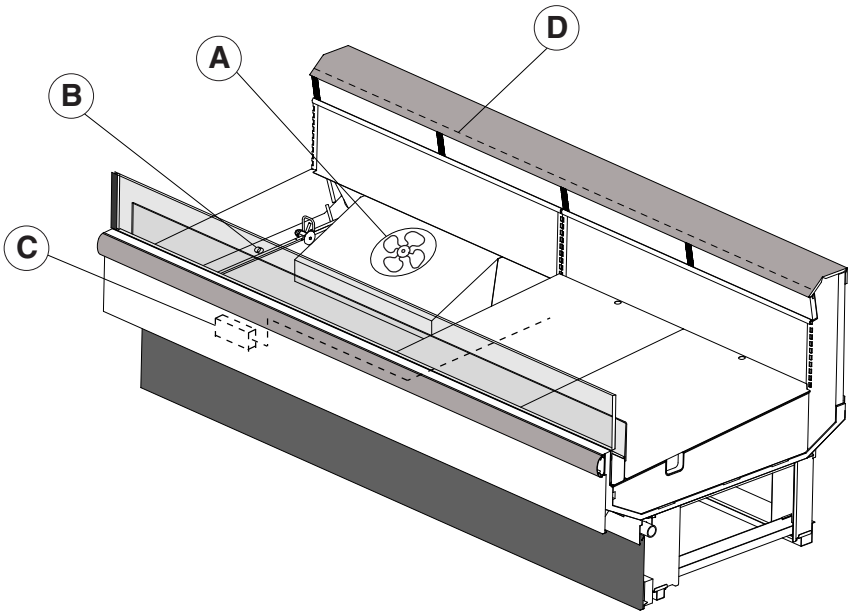
Delicatessen / Meat / Produce

Merchandiser Data Sheet

P/N 0496237_K

NSF® Certified

February 2018



DOE 2017
Energy Efficiency
Compliant

Scan QR code to access product information on your mobile device.

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 #
FAN ASSEMBLIES			
8 Ft & 12 Ft			
A.		**4W** Energy Efficient Fan Assembly	(1)
	0477653	Fan Motor, Evaporator (MO.4410544)	
	0382383	Fan Blade (FB.4780617)	
THERMOSTATS			
B.	0382028	Standard Non-adjustable Defrost Thermostat (CT.0382028)	(2)
C.		Optional Adjustable Refrigeration Thermostat	(3)

Item	Part #	Description	Wiring Item #
HEATERS			
D.		Discharge Air-rail Anti-sweat Heater	(4)
	0488623	8 Foot (HE.4850618)	
	0488624	12 Foot (HE.4850619)	
LAMPS AND BALLASTS			
None			

Note: Revision K: Updated dimension on cross section. Other changes marked with by bar, underline or circle.

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Spanish P/N 0533162

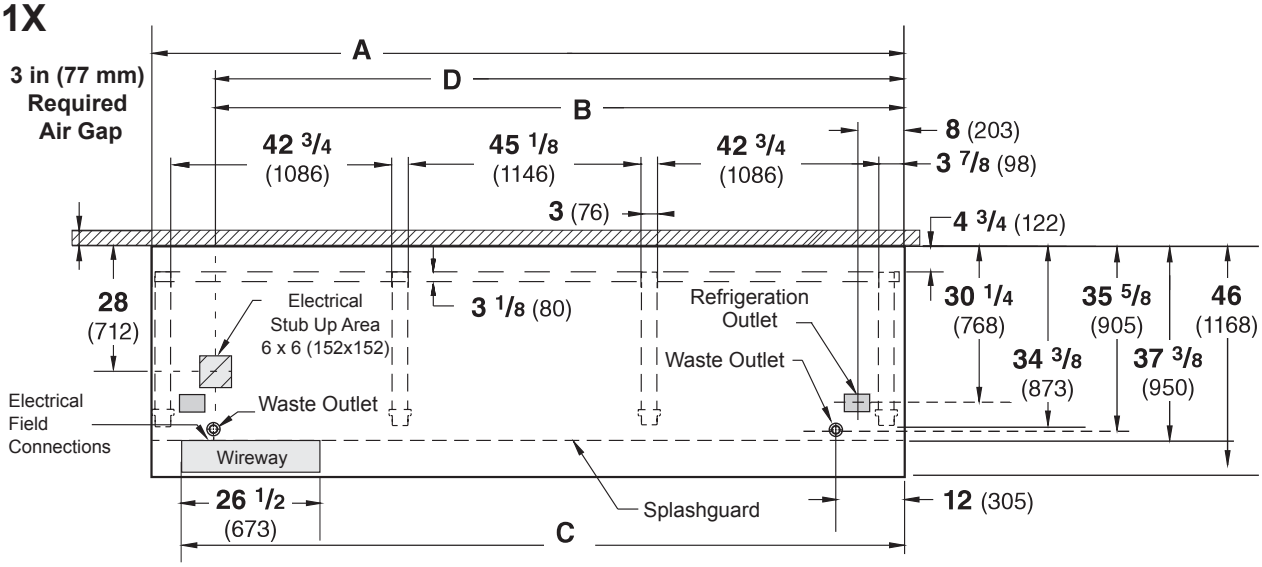
Engineering
Plan Views

PHYSICAL DATA	
Merchandiser Drip Pipe (in.)	1 1/4
Merchandiser Liquid Line (in.)	3/8
Merchandiser Suction Line (in.)	5/8

Bulk Convertible
04-2007

Dimensions shown as inches and (mm).

B1X



NOTE: Case-to-Case Electrical Connections are made IN FRONT OF SPLASHGUARD

FRONT

	8 ft	12 ft
General		
(A) Case Length *(without ends or partitions)*	96 3/8 (2448)	144 1/2 (3670)
(Each end and insulated partition adds 1 1/2 in. (38 mm) to case line up.)		
Maximum O/S dimension of case back to front		
(includes bumper)	46 (1168)	46 (1168)
Back of case to front of splashguard	37 3/8 (950)	37 3/8 (950)
Back of case to O/S edge of front leg	34 3/8 (873)	34 3/8 (873)
Distance between edges of external legs and center legs	42 3/4 (1054)	42 3/4 (1054)
Distance between edges of center legs	NA	45 1/8 (1146)
Distance between front legs and splashguard	2 5/8 (66)	2 5/8 (66)
Electrical Service ⊘ *(Electrical Field Wiring connection point)*		
(B) RH End of case to center of stub up area	84 1/4 (2140)	132 3/8 (3363)
Back of case to center of stub up area	28 (712)	28 (712)
Length of electrical wireway Wireway	26 1/2 (673)	26 1/2 (673)
(C) RH End of case to LH end of wireway	90 1/8 (2289)	138 1/4 (3511)
Waste Outlets *(One each end)* ⊙		
(D) RH End of case to the center of LH waste outlet	84 3/8 (2140)	132 1/2 (3366)
RH End of case to the center of RH waste outlet	12 (305)	12 (305)
Back O/S of case to center of waste outlets	35 5/8 (905)	35 5/8 (905)
Schedule 40 PVC drip pipe	1 1/4 (32)	1 1/4 (32)
Refrigeration Outlet ▭		
Back of case to center of refrigeration outlet	30 1/4 (768)	30 1/4 (768)
RH end of case to center of refrigeration outlet	8 (203)	8 (203)

Excel B1X-GE

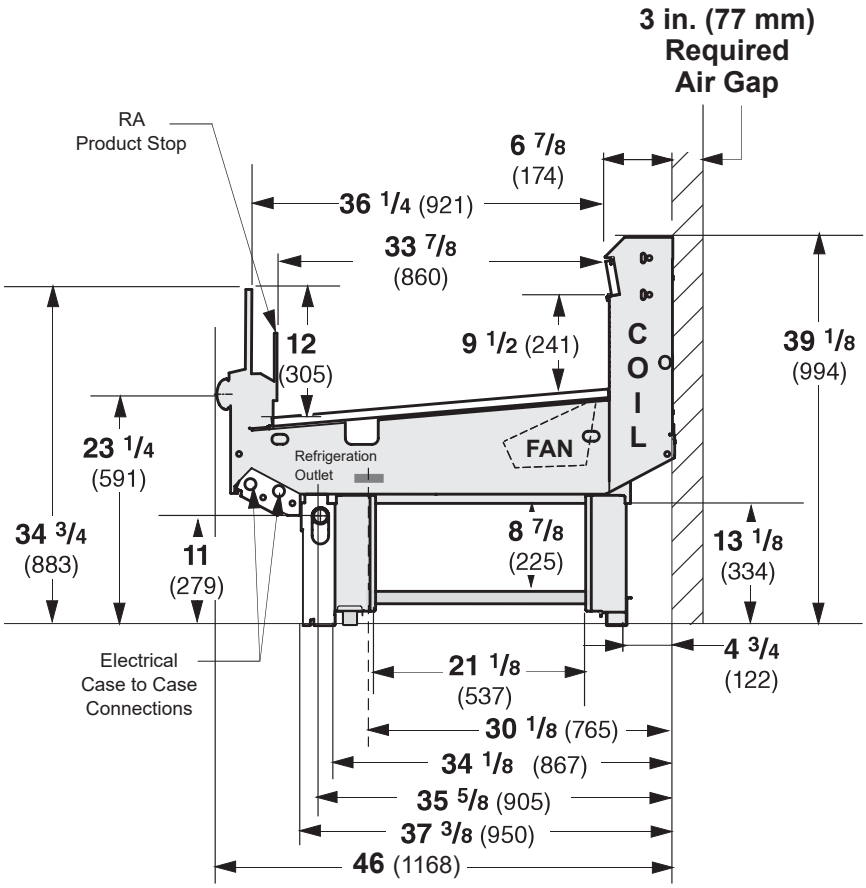
Bulk, High Volume, Meat, Delicatessen
Pre-cut and Packaged Produce

DOE 2017 Energy Efficiency Compliant

Hussmann refrigerated merchandisers configured for sale for use in the United States meet or surpass the requirements of the DOE 2017 energy efficiency standards.

Dimensions shown as inches and (mm).

B1X-GE



Estimated Charge**			B1X-GE
8 ft	1.7 lb	27 oz	0.8 kg
12 ft	2.3 lb	37 oz	1.0 kg

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

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

REFRIGERATION DATA

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

	B1X-GE§
Discharge Air (°F)	27
Evaporator (°F)	18
Unit Sizing (°F)	16

§ Average evaporator temperature shown. Use dew point for high glide refrigerants for unit sizing. Care should be taken to use the dew point in PT tables for measuring and adjusting superheat. Adjust evaporator pressure as needed to maintain discharge air temperature shown.

Btu/hr/ft	B1X-GE
Parallel	434
Conventional	486

DEFROST DATA

	B1X-GE
Frequency (hr)	8
Defrost Water (lb/ft/day)	2.25

(± 15% based on case configuration and product loading).

OFFTIME	B1X-GE
Temp Term (°F)	43°F
Failsafe (minutes)	60

ELECTRIC OR GAS Not Recommended

Standard Defrost Thermostat
Close on rise: close 43°F — open 33°F

CONVENTIONAL CONTROLS

Low Pressure Backup Control

	B1X-GE
CI/CO*	11°F / 1°F

Indoor Unit Only, Pressure Defrost

Termination*	48°F

*Use a Temperature Pressure Chart to determine PSIG conversions.

Excel B1X-GE
Bulk, High Volume, Meat, Delicatessen
Pre-cut and Packaged Produce

Electrical Data

	8 ft	12 ft
Number of Fans—4W	**2**	**3**

	Amperes		Watts	
	8 ft	**12 ft**	**8 ft**	**12 ft**
Evaporator Fan				
120V 50/60Hz Standard Energy Efficient	0.24	0.36	16	24
230V 50/60Hz Standard Energy Efficient	0.12	0.18	16	24
230V 60Hz Export	0.30	0.45	48	72
230V 50Hz Export	0.36	0.54	54	81
Minimum Circuit Ampacity				
120V 50/60Hz Standard Energy Efficient	0.44	0.56		
230V 50/60Hz Standard Energy Efficient	0.32	0.38		
230V 60Hz Export	0.50	0.65		
230V 50Hz Export	0.56	0.74		
Maximum Over Current Protection 120V	**20**	**20**		
Maximum Over Current Protection 230V	15	15		
Anti-sweat Heaters				
120V 50/60Hz Standard	0.20	0.30	24	36

Product Data

Recommended Usable Cube [1] (Cu Ft/Ft)	2.54 ft^3/ft (0.24 m^3/m)
AHRI Total Display Area [2] (Sq Ft/Ft)	2.79 ft^2/ft (0.85 m^2/m)
Shelf Area [3] (Sq Ft/Ft)	2.83 ft^2/ft (0.86 m^2/m)

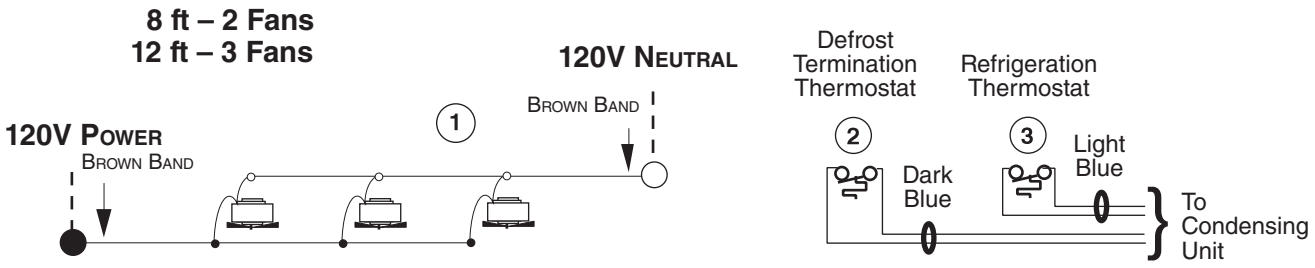
[1] AHRI Refrigerated Volume less shelving and other unusable space: Refrigerated Volume/Unit of Length, ft^3/ft [m^3/m]
[2] Computed using AHRI 1200 standard methodology: Total Display Area, ft^2 [m^2]/Unit of Length, ft [m]
[3] Shelf surface area is composed of bottom deck plus standard shelf complement,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

ESTIMATED SHIPPING WEIGHT [4]

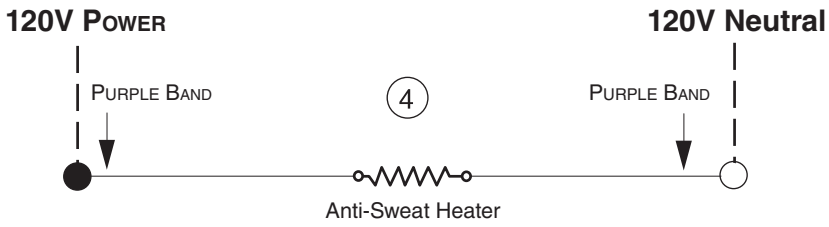
Case			**Solid End**
	8 ft	**12 ft**	**(each)**
lb *(kg)*	800 (363)	1100 (499)	50 (23)

4 Actual weights will vary according to optional kits included.

Fan Wiring
Offtime Defrost



Top Rail
Anti-Sweat Heater



WARNING

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

Circled numbers = Parts List Item Numbers

● = 120V Power ○ = 120V Neutral