



Arch Series Bunkers

1700A, 1940EA, 2200A, 2500A

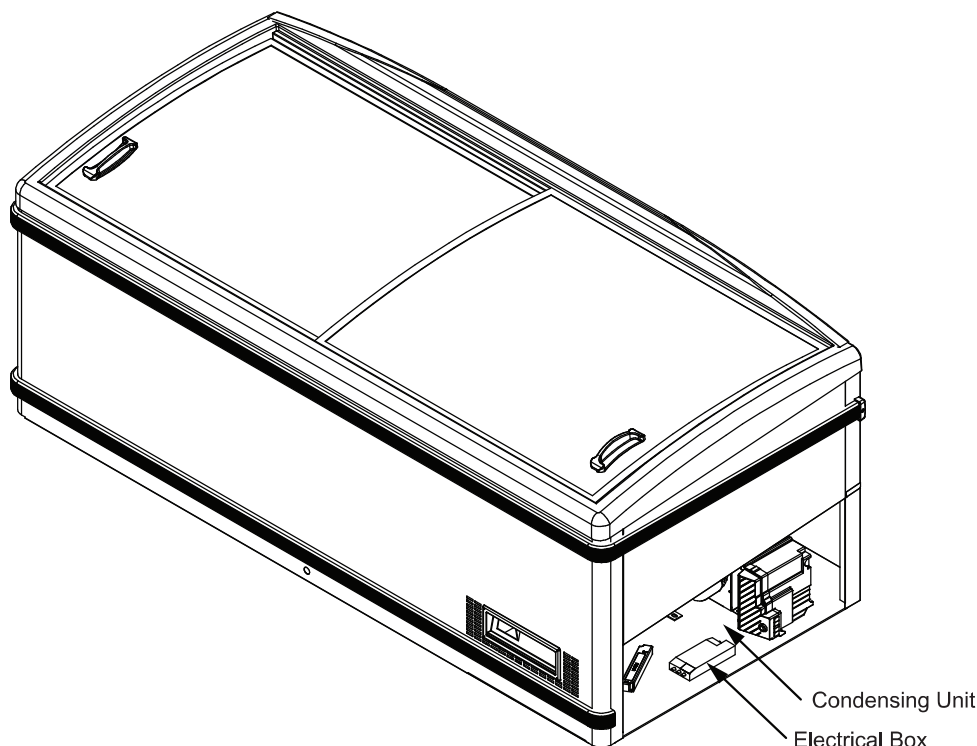
For Low and Medium
Temperature Applications
R-290

Merchandise Data Sheet

P/N 3112912_B

UL EPH® Certified

August 2021



Portion of parts removed for clarity.



UL EPH Certification

This merchandise model is manufactured to meet ANSI/SCC Standards requirements for construction, materials, and cleanability.

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Data sheet-Arch Series Bunkers

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.

BUNKERS

Low and Medium
Temperature Applications

Refrigeration Data ^{1**}

	Frozen Applications			
	1700A	1940EA	2200A	2500A
Operating Temperature - Low Temp °F (°C)	-15 to -10 (-26 to -23)			
Operating Temperature - Medium Temp °F (°C)	32 to 36 (0 to 2)			
Static Evaporator °F (°C)	-36.4 to -31 (-38 to -35)			
Cooling Capacity (BTU/Hr)	1461	1668	1891	2149
Nominal HP	1/2	1/2	1/2	1/2
Total Heat of Rejection ²	2227	2542	2882	3275

Notes:

1. All data based on store temperature and humidity that does not exceed NSF Type 1 ambient conditions of 75°F and 55% relative humidity except where noted.

Defrost Data

Frequency (hours between defrost)	24
Defrost Type	Hot Gas
Defrost Termination	Temperature
Time (minutes)	45

Refrigerant Data

	1700A	1940EA	2200A	2500A
Refrigerant Type	R-290			
Charge (g) ²	85	100	115	130
Charge (oz) ²	3.00	3.53	4.06	4.59
Charge (lbs) ²	0.19	0.22	0.25	0.29

² Maximum charge per condensing unit = 150 g.

Product Data ³

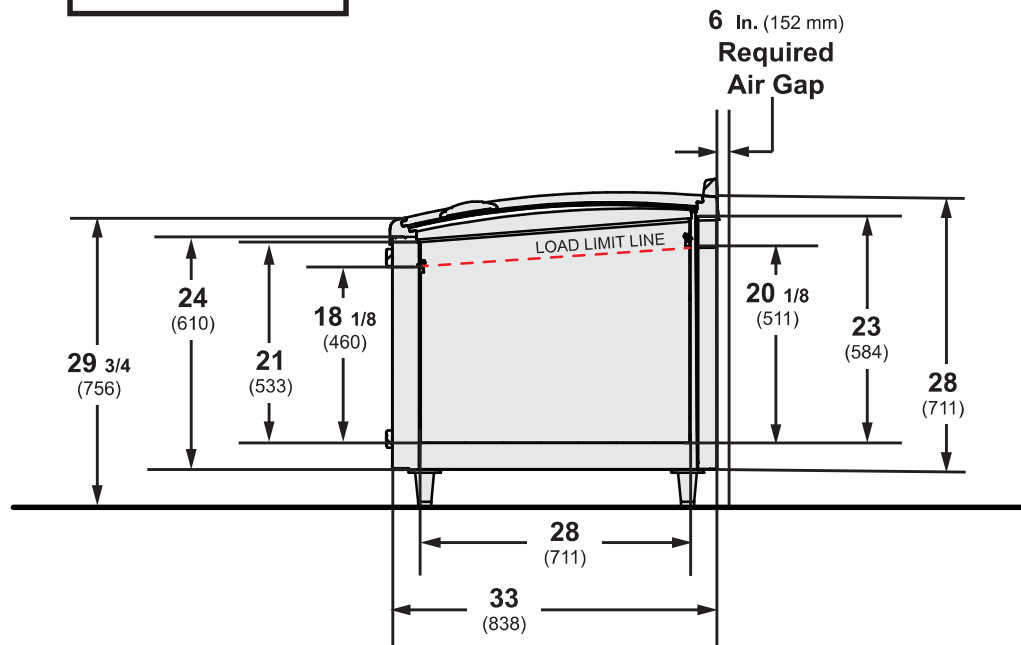
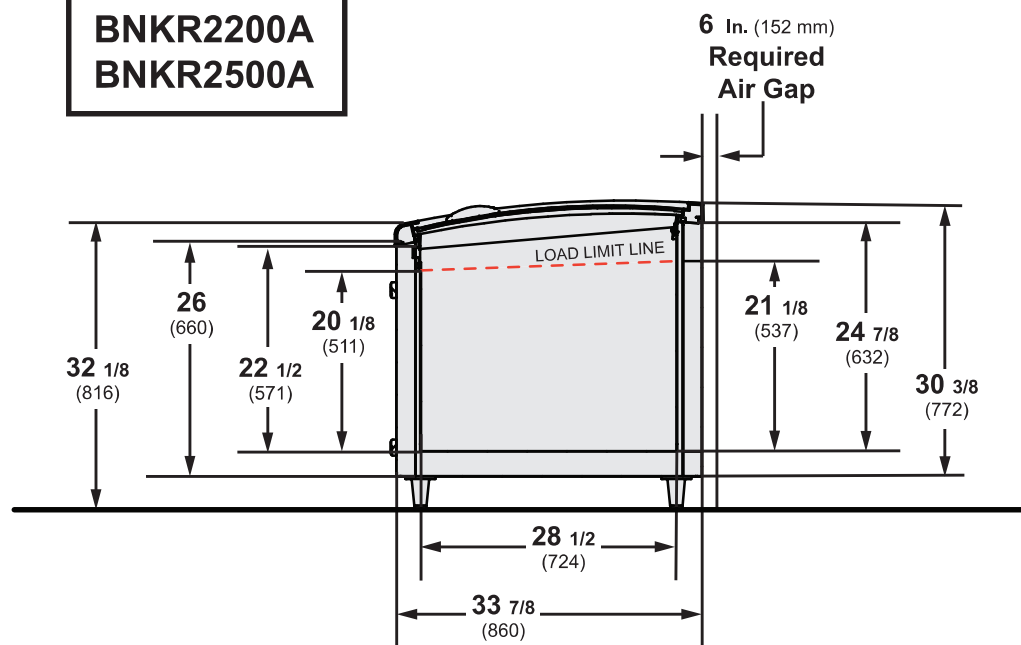
	1700A	1940EA	2200A	2500A
Total Display Area (ft²)	11.09	12.49	14.64	16.79
Total Display Area (ft²/ft)	1.99	1.96	2.03	2.05
Total Display Area (m²/m)	0.61	0.60	0.62	0.62
AHRI Gross Refrigerated Volume (ft³/ft)	3.37	3.18	3.62	3.81
AHRI Gross Refrigerated Volume (m³/m)	0.31	0.30	0.34	0.35

³ Computed using AHRI 1200 standard methodology

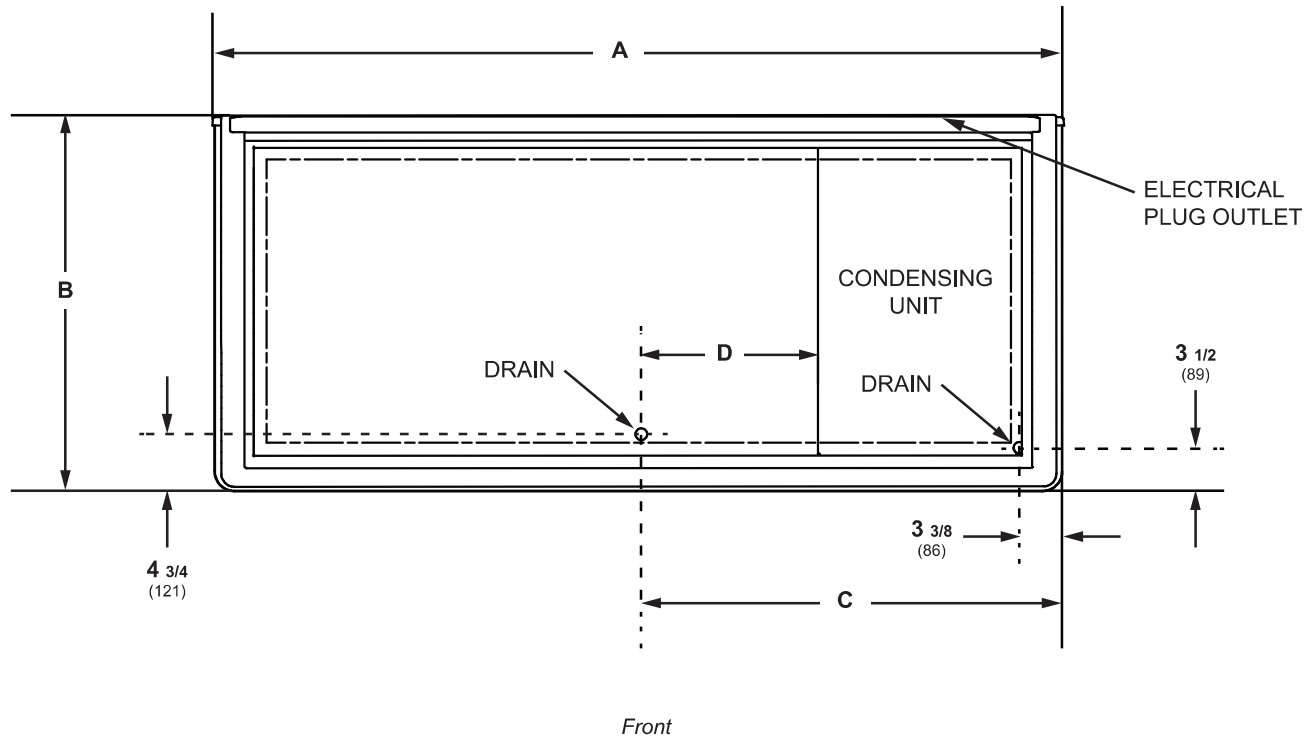
DOE 2017
 Energy Efficiency
 Compliant

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 in. and (mm).

BNKR1940EA

**BNKR1700A
BNKR2200A
BNKR2500A**


Dimensions shown as in. and (mm).

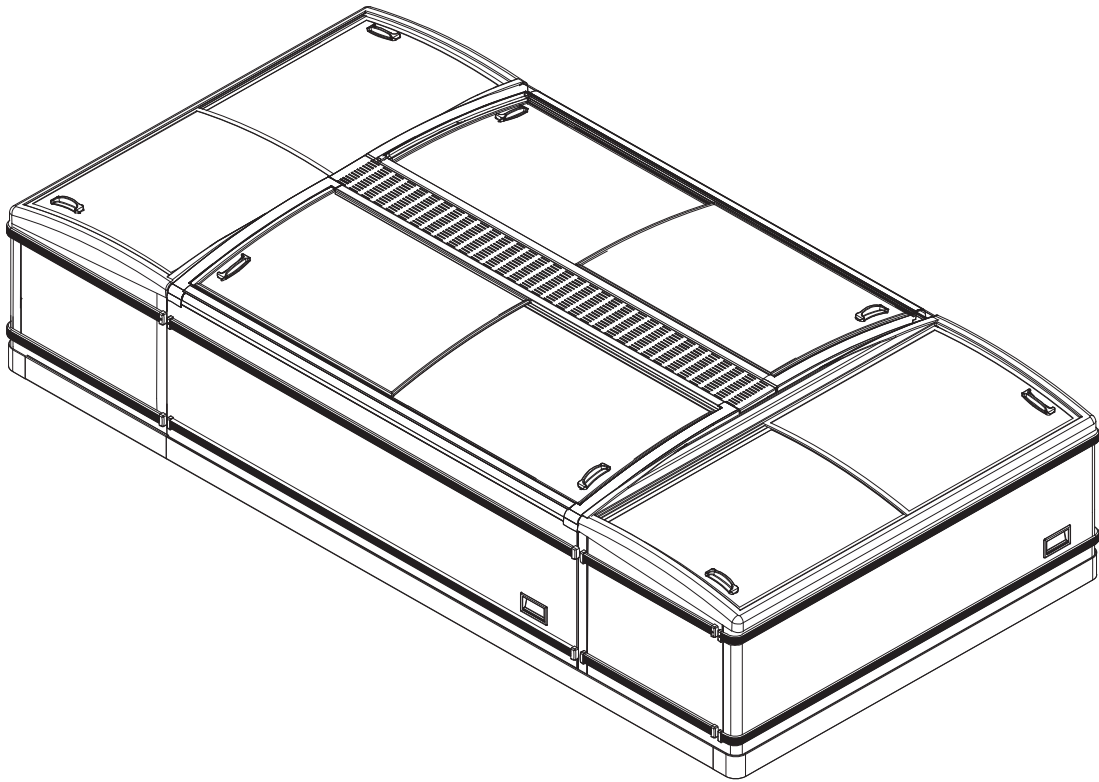


General		1700A	1940EA	2200A	2500A
(A)	Case Length (<i>includes one pair ends</i>)	66 ⁷ / ₈ (1696)	77 ⁵ / ₈ (1970)	86 ³ / ₄ (2200)	98 ¹ / ₂ (2500)
(B)	Maximum O/S dimension of case back to front	34 ⁷ / ₈ (886)	33 ¹ / ₂ (851)	34 ⁷ / ₈ (886)	34 ⁷ / ₈ (886)
(C)	RH of case to CENTER of Waste Outlet	33 ¹ / ₂ (851)	37 ⁷ / ₈ (962)	40 ⁵ / ₈ (1052)	46 ¹ / ₂ (1152)
(D)	O/S of Condensing Unit to center of Waste Outlet	11 ⁷ / ₈ (299)	16 ¹ / ₈ (410)	21 ³ / ₄ (552)	27 ⁵ / ₈ (702)

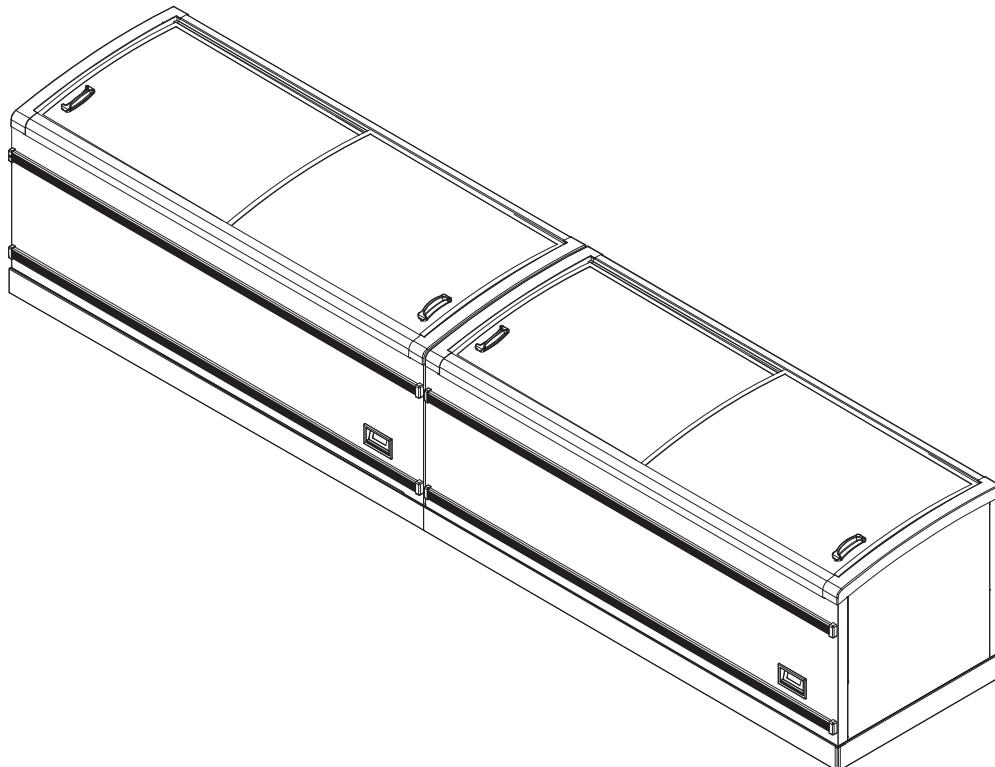
NOTE: This case has a drain pan and does not require a floor drain.

Case Line-Up
Views

BUNKERS
Low and Medium
Temperature Applications



Island View



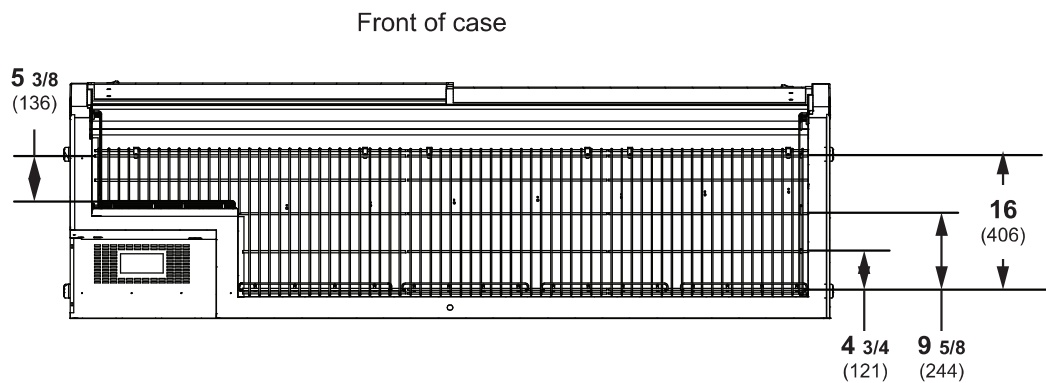
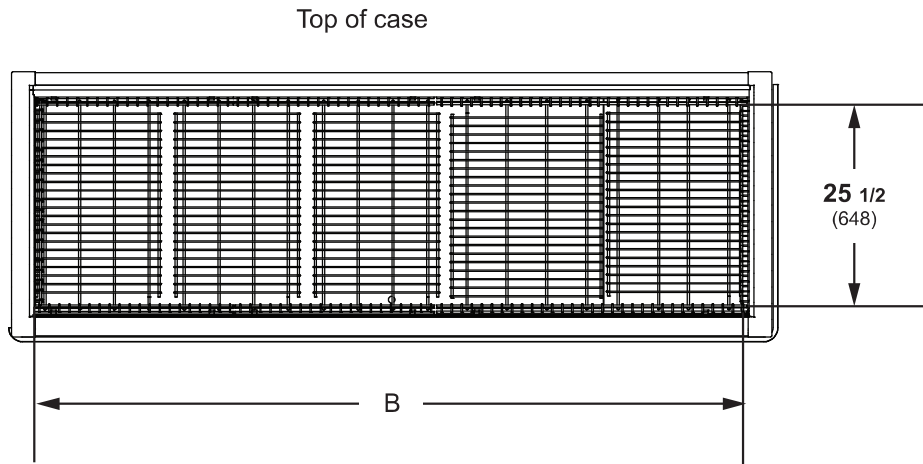
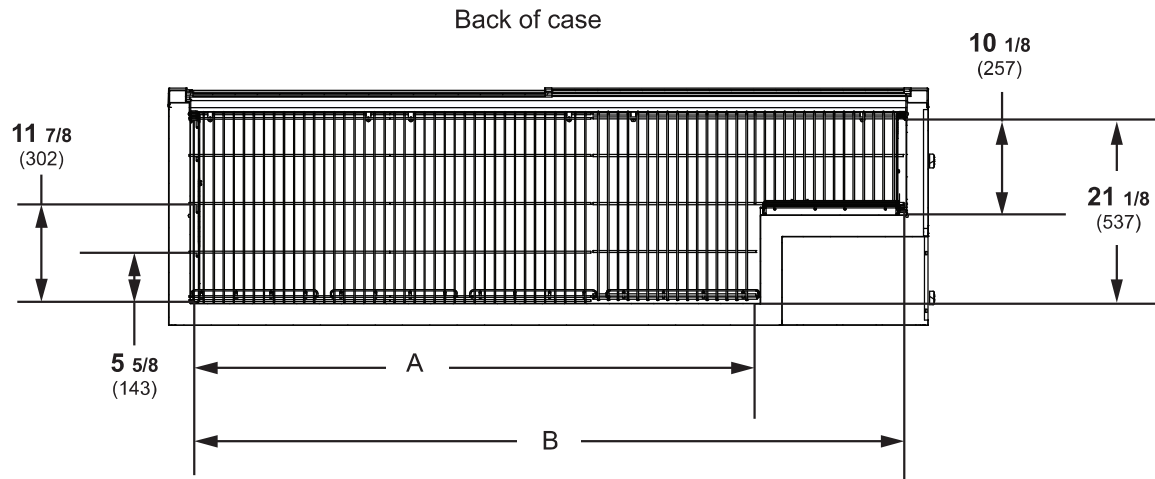
In-line Setup View

BUNKERS

Low and Medium
Temperature Applications

Front, Back & Top Views

Dimensions shown as in. and (mm).

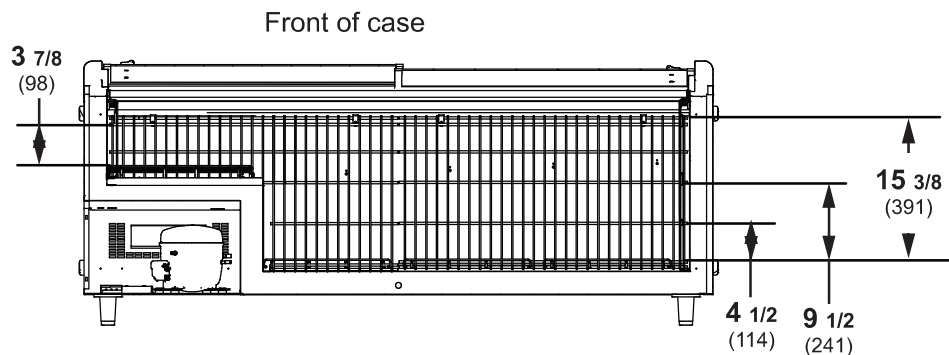
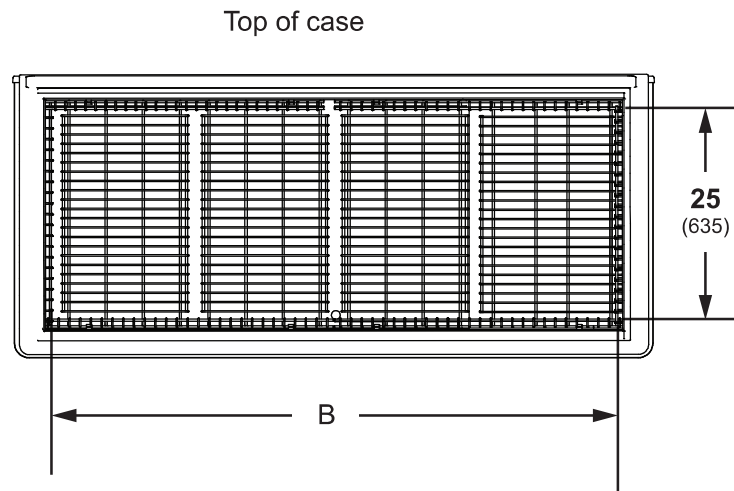
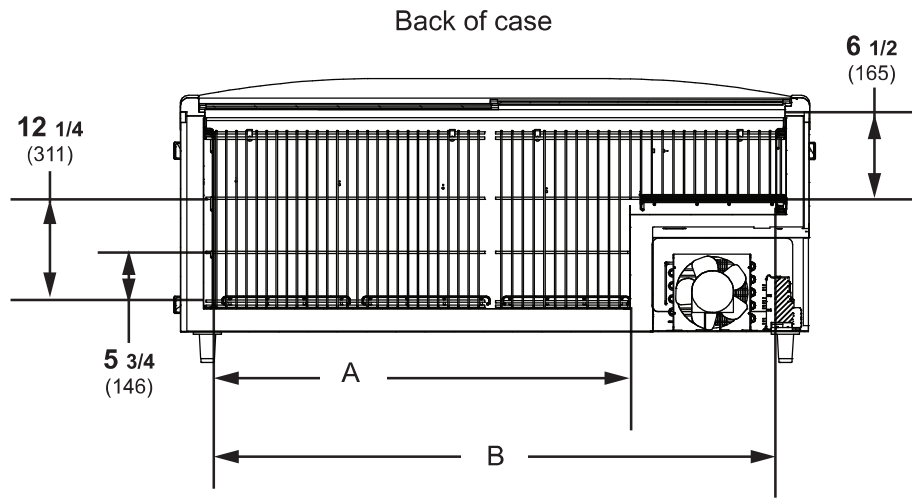


	1700A	2200A	2500A
A	40 ⁷ / ₈ (1038)	60 ⁵ / ₈ (1540)	72 ³ / ₈ (1838)
B	58 ⁵ / ₈ (1489)	78 ³ / ₈ (1991)	90 ¹ / ₈ (2289)

Front, Back & Top Views

BUNKERS
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Dimensions shown as in. and (mm).



	1940EA
A	49 3/4 (1263)
B	67 7/8 (1724)

Electrical Data

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

		Amperes	Watts
Condenser Fans			
100-240V AC	50-60Hz	0.425	25

* Amperes/watts are at max values

Merchandiser Requirements

Power Supply	110-127V / 1ph / 50-60Hz
Case Run Amps	8.6

NEMA Plug

5-15P



ESTIMATED SHIPPING WEIGHT †				
Case without Packaging				
	1700A	1940EA	2200A	2500A
lb (kg)	276 (125)	284 (129)	331 (150)	340 (154)
Case with Packaging				
	1700A	1940EA	2200A	2500A
lb (kg)	378 (171)	378 (171)	438 (199)	452 (205)
† Actual weights will vary according to optional kits included.				



Scan the QR code with your mobile device to access additional product information or order parts.

Parts may also be ordered at:

parts.husmann.com

Call toll free: 1.855.487.7778

Revision History

Revision A: June 2020: Original Issue

Revision B: August 2021: Updated refrigeration and electrical data.