



# Arch Series Bunkers

1700A, 1940EA, 2200A, 2500A

For Low and Medium  
Temperature Applications

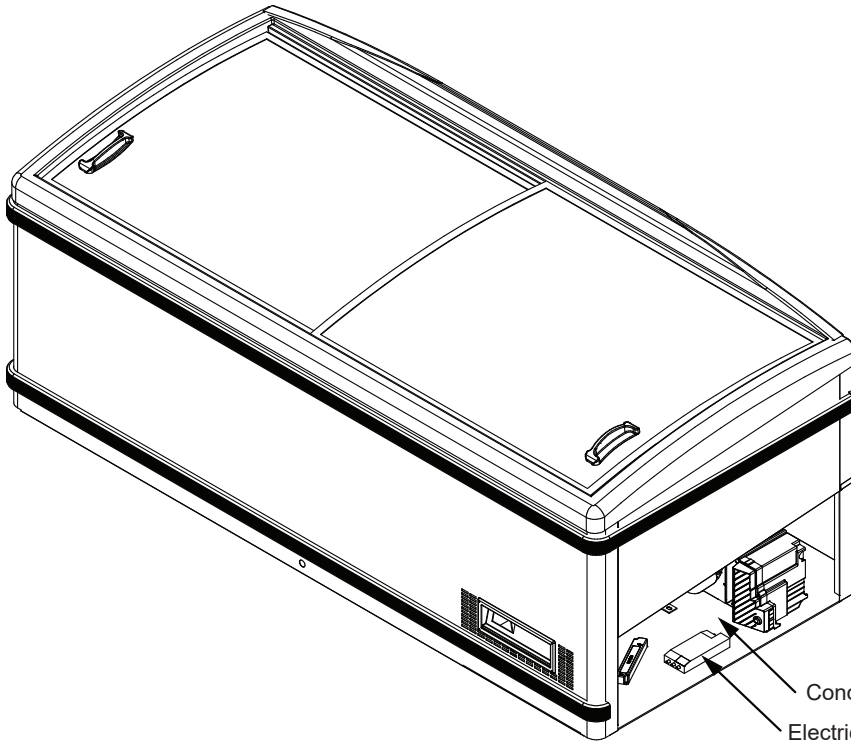
R-290

Merchandise Data Sheet

**P/N 3112912\_B**

**UL EPH® Certified**

August 2021



Condensing Unit  
Electrical Box

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 <sup>1\*\*</sup>

	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 <sup>2</sup>	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

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

## Refrigerant Data

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

<sup>2</sup> Maximum charge per condensing unit = 150 g.

## Product Data <sup>3</sup>

	1700A	1940EA	2200A	2500A
Total Display Area (ft <sup>2</sup> )	11.09	12.49	14.64	16.79
Total Display Area (ft <sup>2</sup> /ft)	1.99	1.96	2.03	2.05
Total Display Area (m <sup>2</sup> /m)	0.61	0.60	0.62	0.62
AHRI Gross Refrigerated Volume (ft <sup>3</sup> /ft)	3.37	3.18	3.62	3.81
AHRI Gross Refrigerated Volume (m <sup>3</sup> /m)	0.31	0.30	0.34	0.35

<sup>3</sup> Computed using AHRI 1200 standard methodology

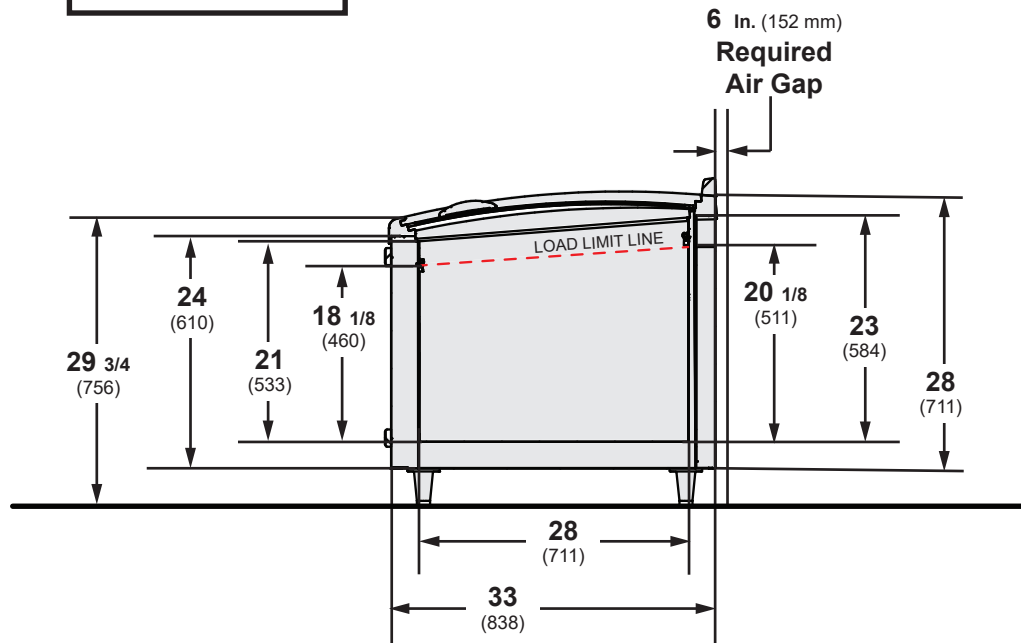
**BUNKERS**  
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**DOE 2017**  
Energy Efficiency  
Compliant

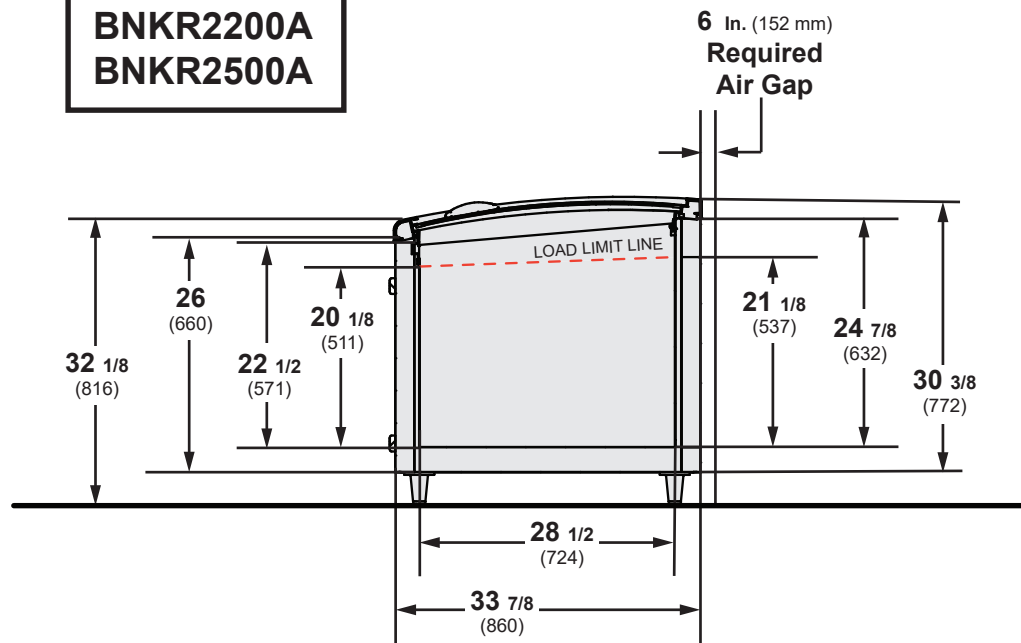
Hussmann refrigerated merchandisers configured for sale for use in the United States meet or surpass the requirements of the DOE 2017 energy efficiency standards.

Dimensions shown as in. and (mm).

**BNKR1940EA**



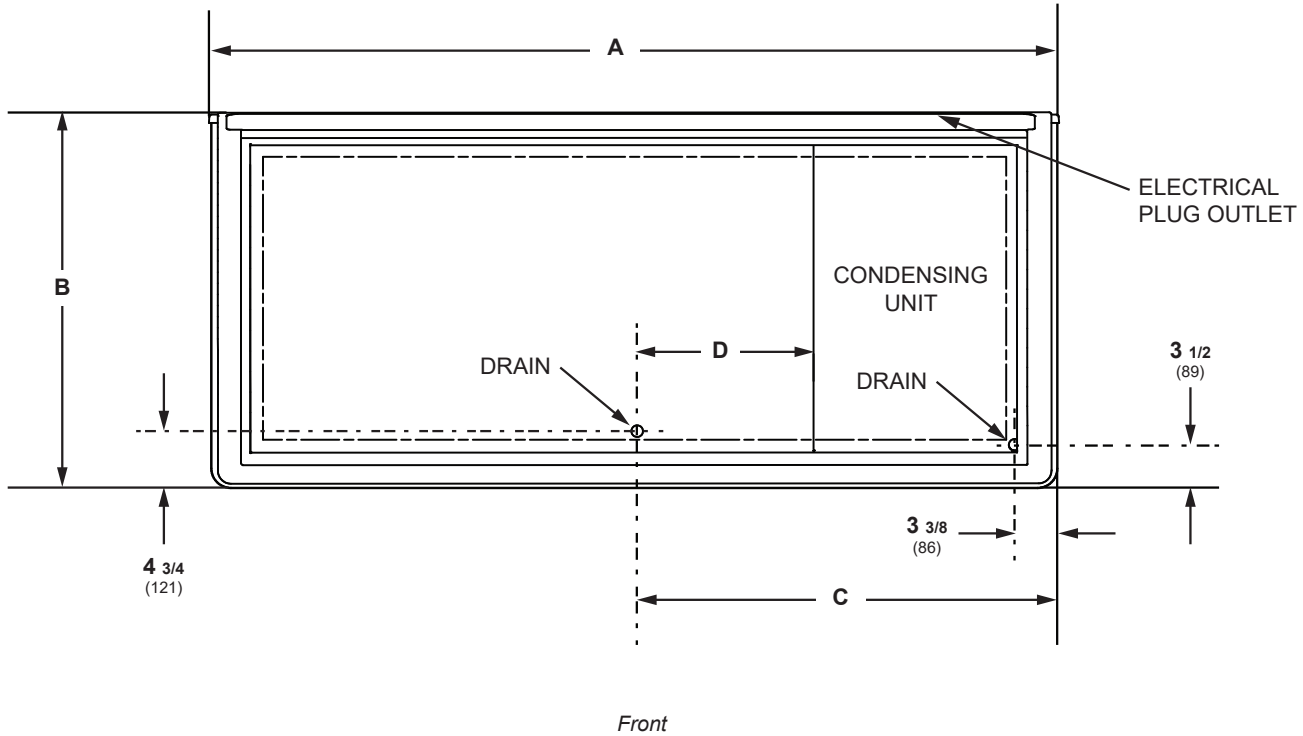
**BNKR1700A**  
**BNKR2200A**  
**BNKR2500A**



**BUNKERS**  
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**Engineering  
Plan View**

Dimensions shown as in. and (mm).

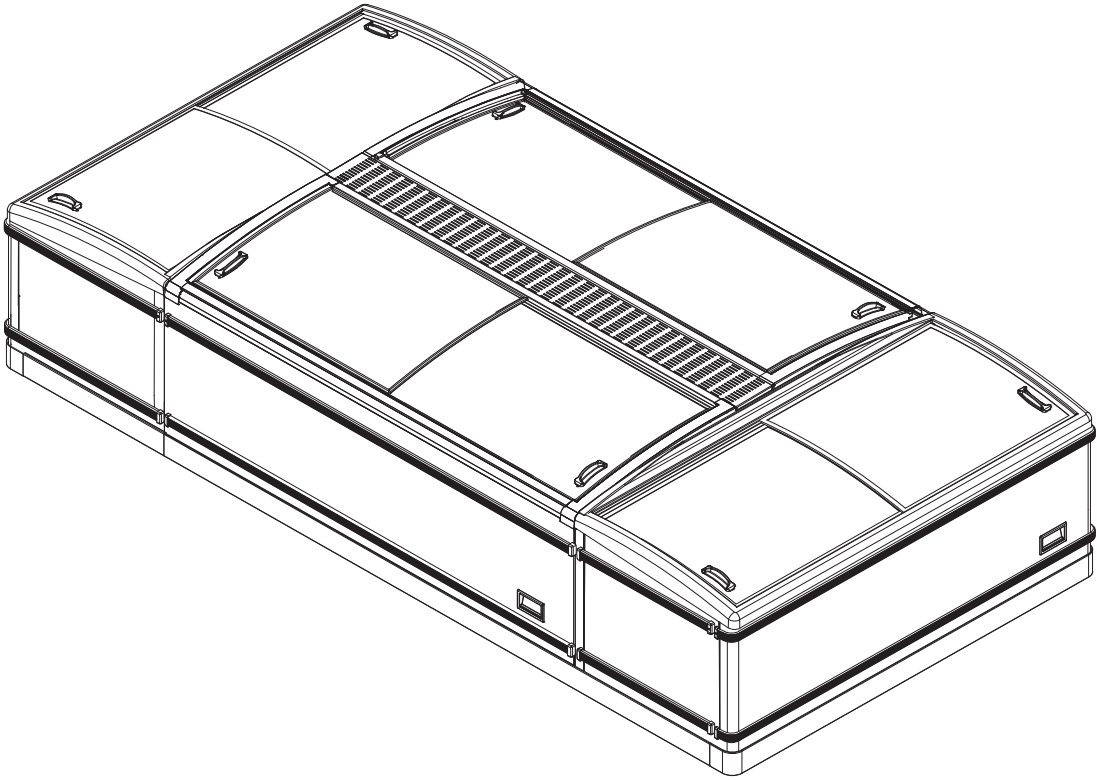


General		1700A	1940EA	2200A	2500A
(A)	Case Length ( <i>includes one pair ends</i> )	66 <sup>7</sup> / <sub>8</sub> (1696)	77 <sup>5</sup> / <sub>8</sub> (1970)	86 <sup>3</sup> / <sub>4</sub> (2200)	98 <sup>1</sup> / <sub>2</sub> (2500)
(B)	Maximum O/S dimension of case back to front	34 <sup>7</sup> /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

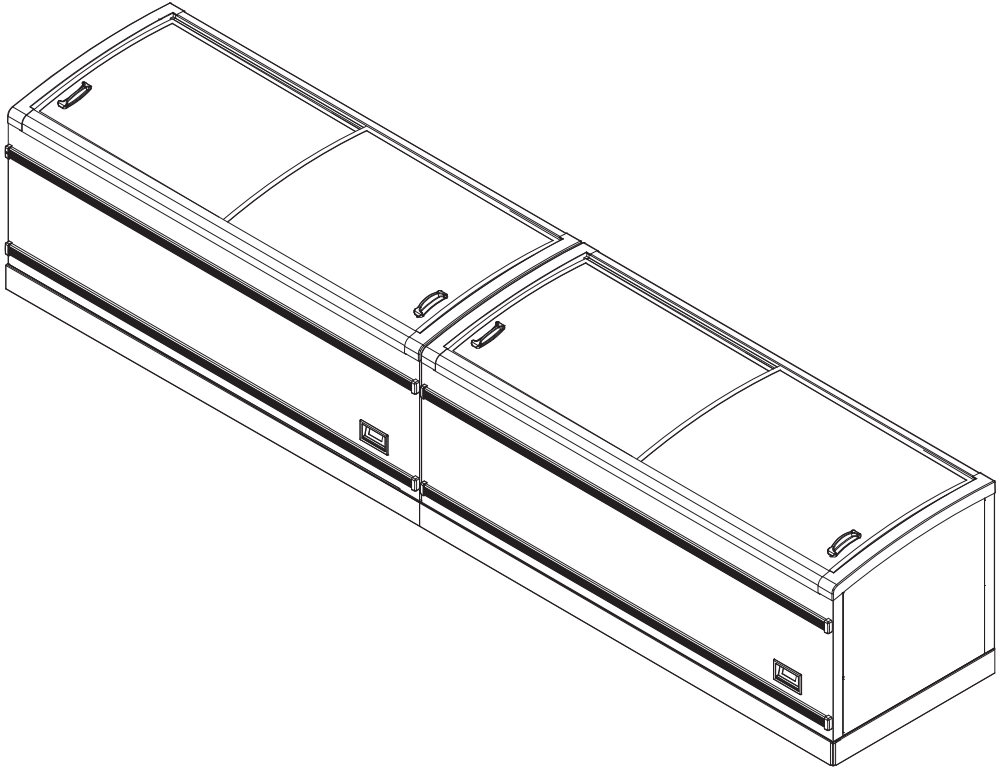
**NOTE:** This case has a drain pan and does not require a floor drain.

**Case Line-Up  
Views**

**BUNKERS**  
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Island View

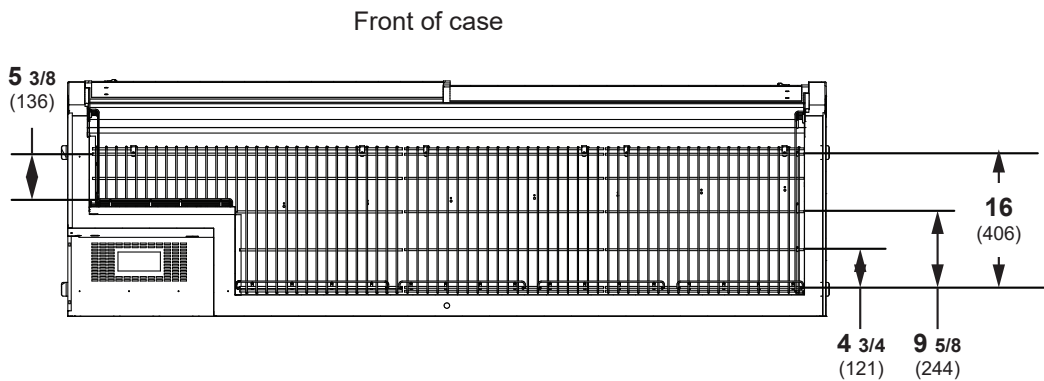
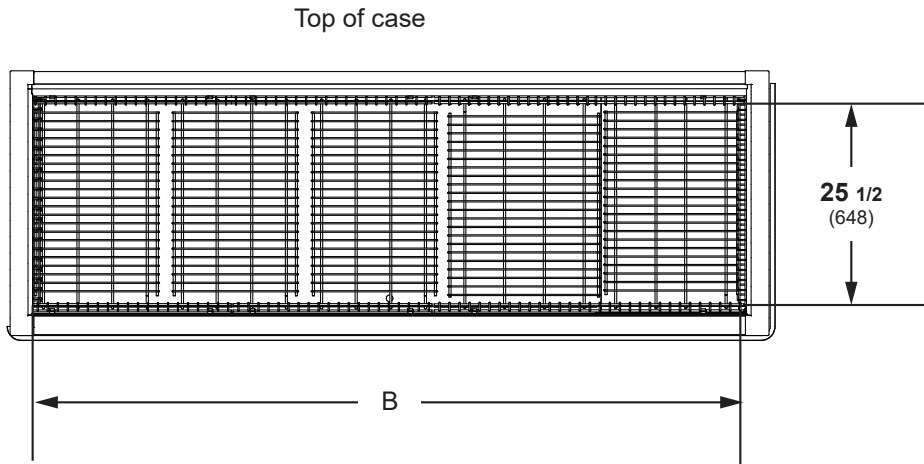
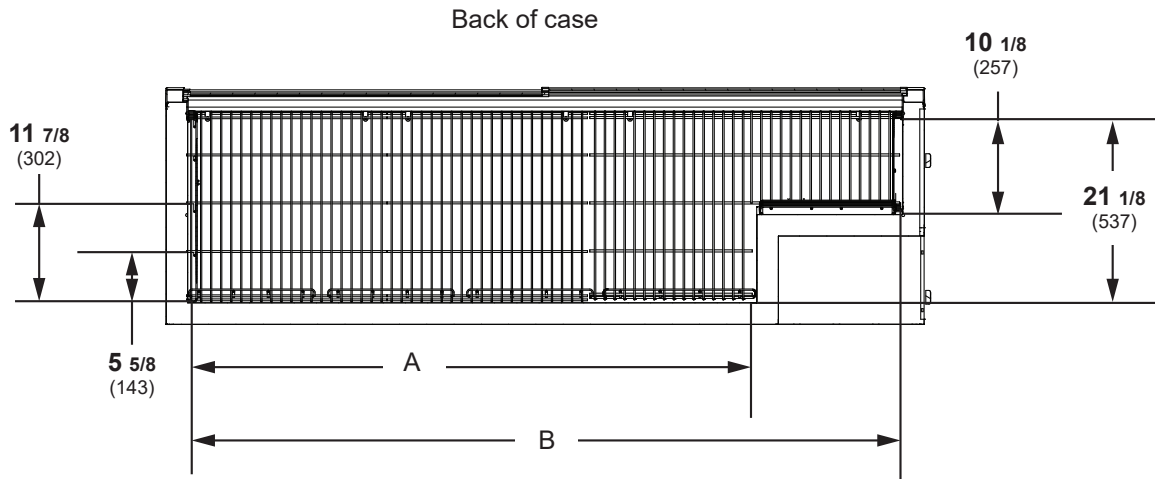


In-line Setup View

**BUNKERS**  
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**Front, Back & Top  
Views**

Dimensions shown as in. and (mm).

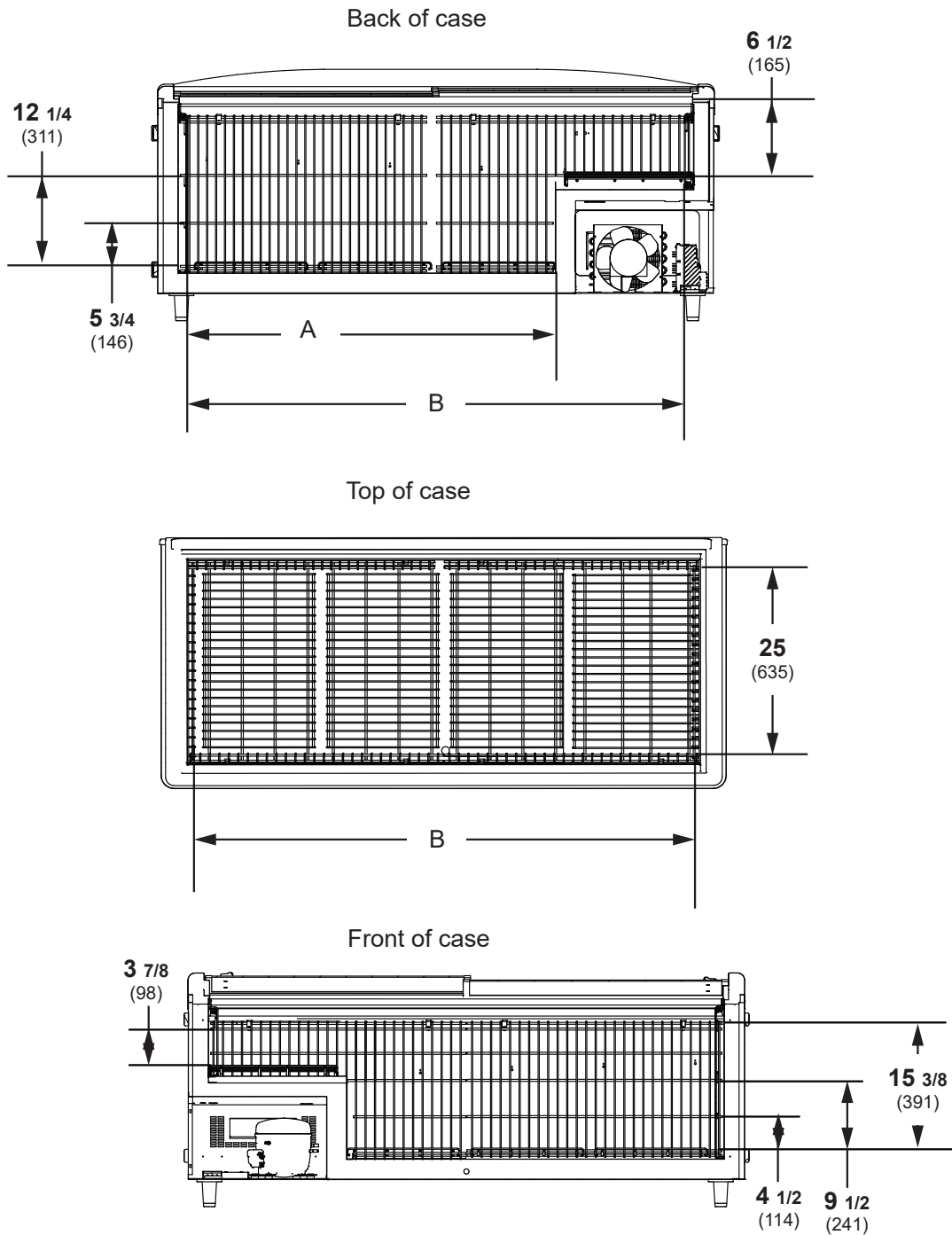


	1700A	2200A	2500A
A	40 <sup>7</sup> / <sub>8</sub> (1038)	60 <sup>5</sup> / <sub>8</sub> (1540)	72 <sup>3</sup> / <sub>8</sub> (1838)
B	58 <sup>5</sup> / <sub>8</sub> (1489)	78 <sup>3</sup> / <sub>8</sub> (1991)	90 <sup>1</sup> / <sub>8</sub> (2289)

# Front, Back & Top Views

**BUNKERS**  
Low and Medium  
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Dimensions shown as in. and (mm).



	<b>1940EA</b>
A	$49 \frac{3}{4}$ (1263)
B	$67 \frac{7}{8}$ (1724)

**BUNKERS**  
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**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
<b>Condenser Fans</b>			
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**

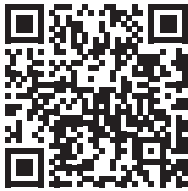
	<b>1700A</b>	<b>1940EA</b>	<b>2200A</b>	<b>2500A</b>
<b>lb (kg)</b>	276 (125)	284 (129)	331 (150)	340 (154)

**Case with Packaging**

	<b>1700A</b>	<b>1940EA</b>	<b>2200A</b>	<b>2500A</b>
<b>lb (kg)</b>	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**

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### Revision History

Revision A: June 2020: Original Issue

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