

NSF Certification

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



Scan the QR code on 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

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.

Data sheet-Excel-FI

Note: Revision J: Reformatted to new layout and added 6 foot data.

Engineering Plan Views

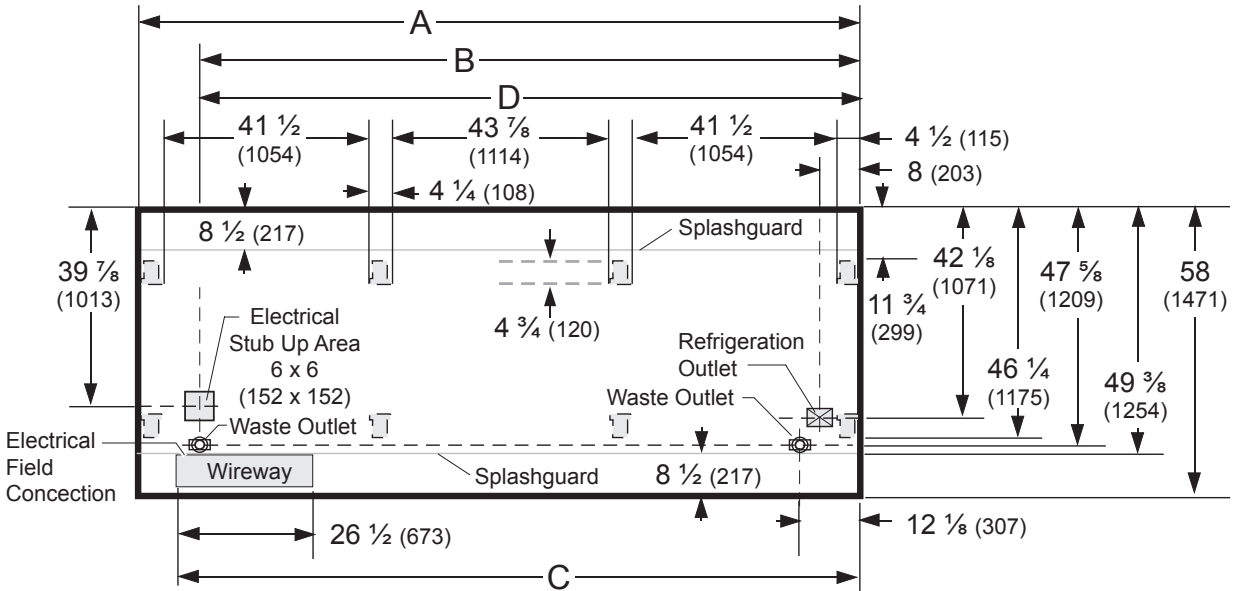
Frozen Food

10-2004

PHYSICAL DATA

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

Dimensions shown as inches & (mm).



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

FRONT

	6 ft	8 ft	12 ft
General			
(A) Case Length (without ends or partitions) (Each end and insulated partition adds 2 in. (51 mm) to case line up.)	73 3/4 (1872)	96 3/8 (2448)	144 1/2 (3670)
Maximum O/S dimension of case back to front (includes bumper)	58 (1471)	58 (1471)	58 (1471)
Back of case to front of splashguard	49 3/8 (1254)	49 3/8 (1254)	49 3/8 (1254)
Back of case to O/S edge of front leg	46 1/4 (1175)	46 1/4 (1175)	46 1/4 (1175)
Distance between edges of external legs and center legs	30 1/4 (768)	41 1/2 (1054)	41 1/2 (1054)
Distance between edges of center legs	NA	NA	43 7/8 (1114)
Distance between front legs and splashguard	3 1/8 (82)	3 1/8 (82)	3 1/8 (82)
Electrical Service (Electrical Field Wiring connection point)			
(B) RH End of case to center of stub up area	61 5/8 (1565)	84 1/4 (2141)	132 3/8 (3363)
Back of case to center of stub up area	39 7/8 (1013)	39 7/8 (1013)	39 7/8 (1013)
Length of electrical wireway	26 1/2 (673)	26 1/2 (673)	26 1/2 (673)
(C) RH End of case to LH end of wireway	67 1/2 (1715)	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	61 5/8 (1565)	84 1/4 (2141)	132 3/8 (3363)
RH End of case to the center of RH waste outlet	12 1/8 (307)	12 1/8 (307)	12 1/8 (307)
Back O/S of case to center of waste outlets	47 5/8 (1209)	47 5/8 (1209)	47 5/8 (1209)
Schedule 40 PVC drip pipe	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)
Refrigeration Outlet			
Back of case to center of refrigeration outlet	42 1/8 (1071)	42 1/8 (1071)	42 1/8 (1071)
RH end of case to center of refrigeration outlet	15 (381)	8 (203)	8 (203)

Intermediate Island Display with Solid Walls

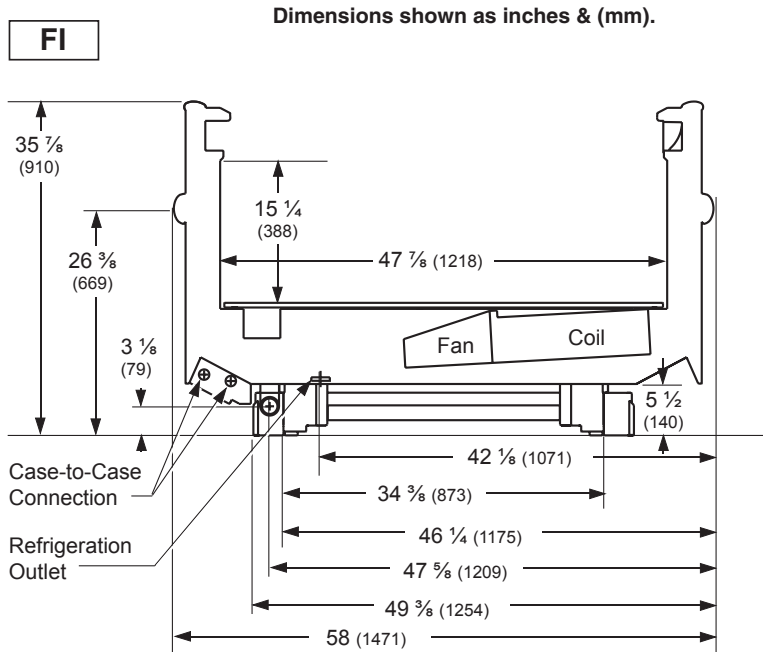


Hussmann refrigerated merchandisers configured for sale for use in the United States meet or surpass the requirements of the DOE 2017 energy efficiency standards.



REFRIGERATION DATA§

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



	MED	FF
Discharge Air (°F)	+24	-12
Evaporator (°F)	+19	-20
Unit Sizing (°F)	+17	-23

§ 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.

<i>Btulhr/ft</i>	MED	FF
Parallel	325	480
Conventional	340	500

DEFROST DATA

	MED	FF
Frequency (hr)	24	24
Defrost Water (lb/ft/day)	0.8	0.8

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

<i>ELECTRIC</i>	MED	FF
Temp Term (°F)	48	48
Failsafe (minutes)	60	60

<i>GAS</i>	MED	FF
Duration (minutes)	NA	15

OFFTIME Not Recommended

Standard Defrost Thermostat

Close on rise: close 48°F — open 33°F

CONVENTIONAL CONTROLS

Low Pressure Backup Control — CI/CO **		
MED	+22°F / +10°F	
FF	-17°F / -29°F	

Indoor Unit Only, Pressure Defrost Termination*

Not Recommended

*Use a Temperature Pressure Chart to determine PSIG conversions.

Estimated Charge **

6 ft	1.9 lb	30 oz	0.86 kg
8 ft	2.5 lb	40 oz	1.1 kg
12 ft	3.7 lb	59 oz	1.7 kg

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

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Electrical Data

			6 ft	8 ft	12 ft			
Number of Fans – 4W Evaporator			1	2	3			
			Amperes			Watts		
			6 ft	8 ft	12 ft	6 ft	8 ft	12 ft
Evaporator Fans								
120V	50/60Hz	Standard Energy Efficient	0.12	0.24	0.36	8	16	24
230V	50/60Hz	Standard Energy Efficient	0.06	0.12	0.18	8	16	24
230V	60Hz	Export	0.15	0.30	0.45	24	48	72
230V	50Hz	Export	0.18	0.36	0.54	27	54	81
Anti-sweat Heaters (on fan circuit)								
120V	50/60Hz	Standard	0.5	0.67	1.00	60	80	120
230V	50/60Hz	Export	0.26	0.35	0.52	60	80	120
Minimum Circuit Ampacity								
120V	50/60Hz	Standard Energy Efficient	0.82	1.11	1.56			
230V	50/60Hz	Standard Energy Efficient	0.52	0.67	0.90			
230V	60Hz	Export	0.61	0.85	1.17			
230V	50Hz	Export	0.64	0.91	1.26			
Maximum Over Current Protection 120V			20	20	20			
Maximum Over Current Protection 230V			15	15	15			
208V Electric Defrost			5.77	9.13	13.94	1200	1900	2900
230V Export Electric Defrost			5.22	8.26	12.61	1200	1900	2900
120V Koolgas Defrost			1.33	1.67	3.33	160	200	400
208V Koolgas Defrost			0.77	0.96	1.92	160	200	400
230V Koolgas Defrost			0.85	1.06	2.12	196	244	488
Standard Lighting								
None								

Product Data

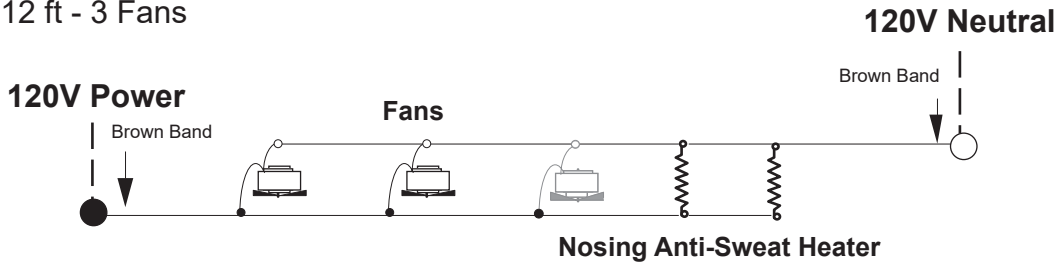
<i>Recommended Usable Cube</i> ¹ (Cu Ft/Ft)	5.09 ft ³ /ft (0.47 m ³ /m)
<i>AHRI Total Display Area</i> ² (Sq Ft/Ft)	3.81 ft ² /ft (1.16 m ² /m)
<i>Shelf Area</i> ³ (Sq Ft/Ft)	4.00 ft ² /ft (1.22 m ² /m)

- 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 NONE.

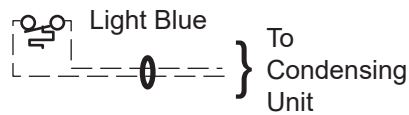
ESTIMATED SHIPPING WEIGHT ⁴				
Case	<i>6 ft</i>	<i>8 ft</i>	<i>12 ft</i>	Solid End
				<i>(each)</i>
lb (kg)	800 (363)	1000 (454)	1200 (544)	50 (23)
⁴ Actual weights will vary according to optional kits included.				

Electric Defrost – Standard

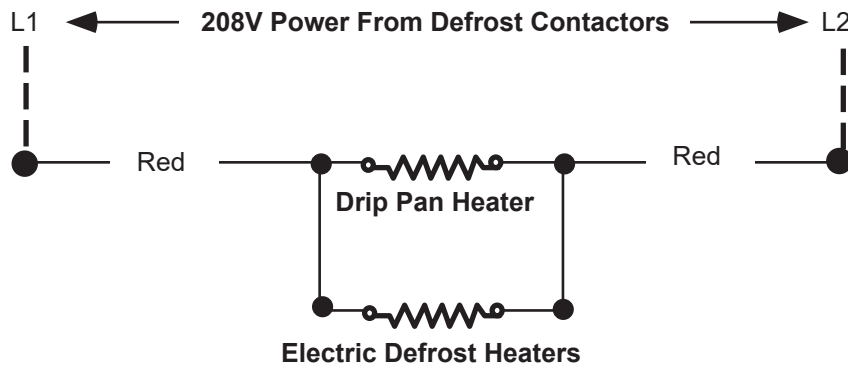
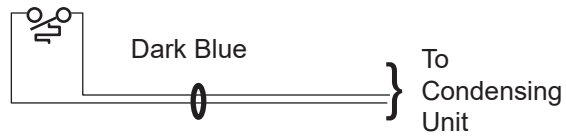
6 ft - 1 Fan
 8 ft - 2 Fans
 12 ft - 3 Fans



Refrigeration Thermostat (Optional)



Defrost Termination Thermostat

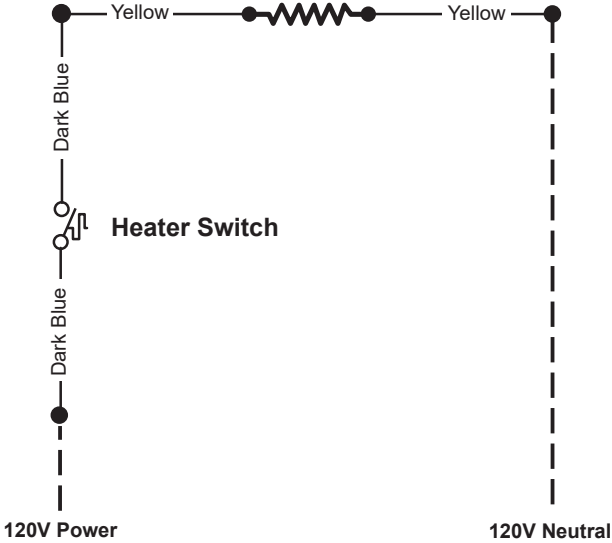


WARNING

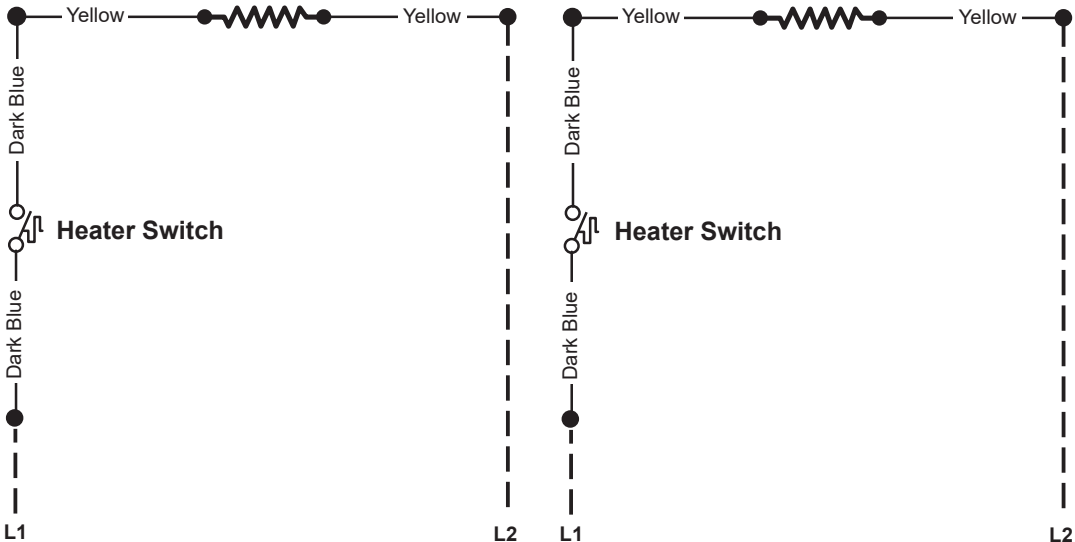
All components must have mechanical ground, and the merchandiser must be grounded.
 Grayed components in 12 foot models only.

Gas Defrost – Optional

120V Drip Pan Heater — Koolgas Only



208V/230V Drip Pan Heater — Koolgas Only



WARNING

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