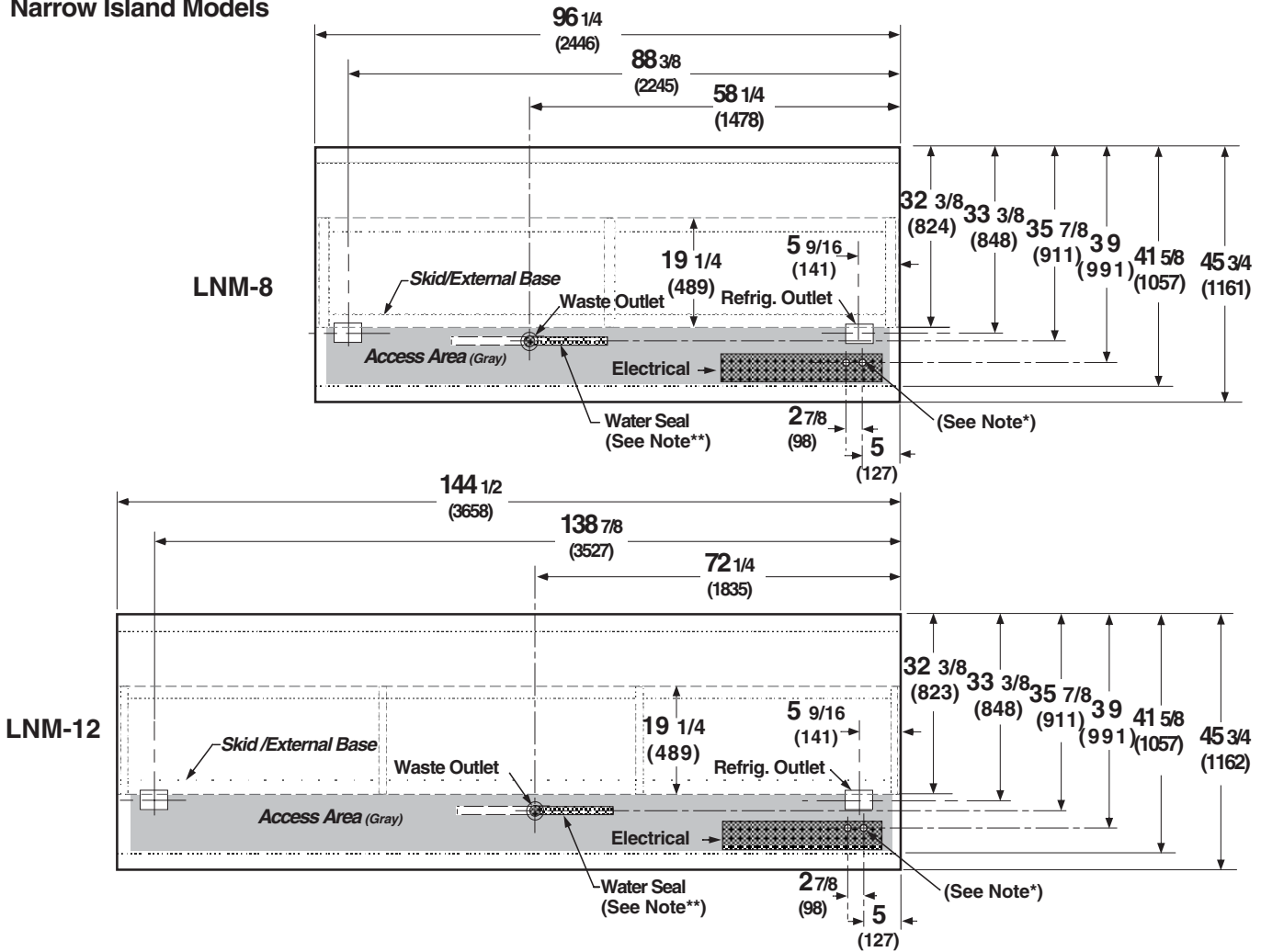


Item	Part #	Description	Wiring Item #	Item	Part #	Description	Wiring Item #
FAN ASSEMBLIES AND THERMOSTATS				HEATERS			
A.	<u>4W</u> Fan Assembly		(1)	D.	Nosing Anti-sweat Heaters		(4)
	0392457	Fan Motor, Standard			0401557	8 foot case	
	0409511	Fan Blade, embossing toward motor			0401558	12 foot case	
B.	Optional Adjustable Refrigeration Thermostat		(2)				
	0144732	White Rodgers					
	0253451	Honeywell					
C.	0382028	Defrost Termination Thermostat	(3)				

Note: Changed items have been underlined.

Engineering Plan Views

Medium Temperature Narrow Island Models



Length of Case: 8 Foot – $96 \frac{1}{4}$; 12 Foot – $144 \frac{1}{2}$

Maximum O/S dimensions of case back to front (includes bumper): $45 \frac{3}{4}$

Back of case to front of splashguard: $41 \frac{5}{8}$

Back of case to O/S edge of front skidrail: $32 \frac{3}{8}$

Width of skidrail: $2 \frac{1}{8}$

Stub-up area (gray) between skidrail and splashguard: $7 \frac{5}{8}$

Electrical Service

Right end of case to center of nearest knockout: 5

Back O/S of case to center of knockout: 39

Note *: Electrical Field Wiring Connection Point

Waste Outlet

Right end of case to center

of waste outlet: 8 Foot – $58 \frac{1}{4}$; 12 Foot – $72 \frac{1}{4}$

Left end of case to center of waste outlet:

8 Foot – 38; 12 Foot – $72 \frac{1}{4}$

Back O/S of case to center of waste outlet: $35 \frac{7}{8}$

Water Seal

Edge of water seal to center of waste outlet: 11

O/S diameter of drip pipe lines: $1 \frac{1}{2}$

Note **: Field installed water seal outlet, tees, and connectors, are shipped with case.

Refrigeration Outlet

Right end of case to center of R.H. refrigeration outlet: $5 \frac{9}{16}$

L.H. refrigeration outlet: 8 Foot – $88 \frac{3}{8}$; 12 Foot – $138 \frac{7}{8}$

Back O/S of case to center of refrigeration outlets: $33 \frac{3}{8}$

Impact LNM
Medium Temperature Food

REFRIGERATION DATA

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

	LNM
Discharge Air (°F)	26
Evaporator (°F)	21
Unit Sizing (°F)	19

Btu/hr/ft*	LNM
Parallel	340
Conventional	360

*For all refrigeration equipment other than Hussmann, use conventional Btu values.

DEFROST DATA

	LNM
Frequency (hr)	24
Defrost Water (lb/ft/day)	1.0
(± 15% based on case configuration and product loading).	

	LNM
GAS OR ELECTRIC	Not Recommended

OFFTIME	
Temp Term (°F)	43
Failsafe Minutes	90

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

CONVENTIONAL CONTROLS

	LNM
Low Pressure Backup Control	
CI/CO **	12°F / 2°F
**Use a Temperature Pressure Chart to determine PSIG conversions.	

Indoor Unit Only, Pressure Defrost Termination (Temp °F) Not Recommended

PHYSICAL DATA

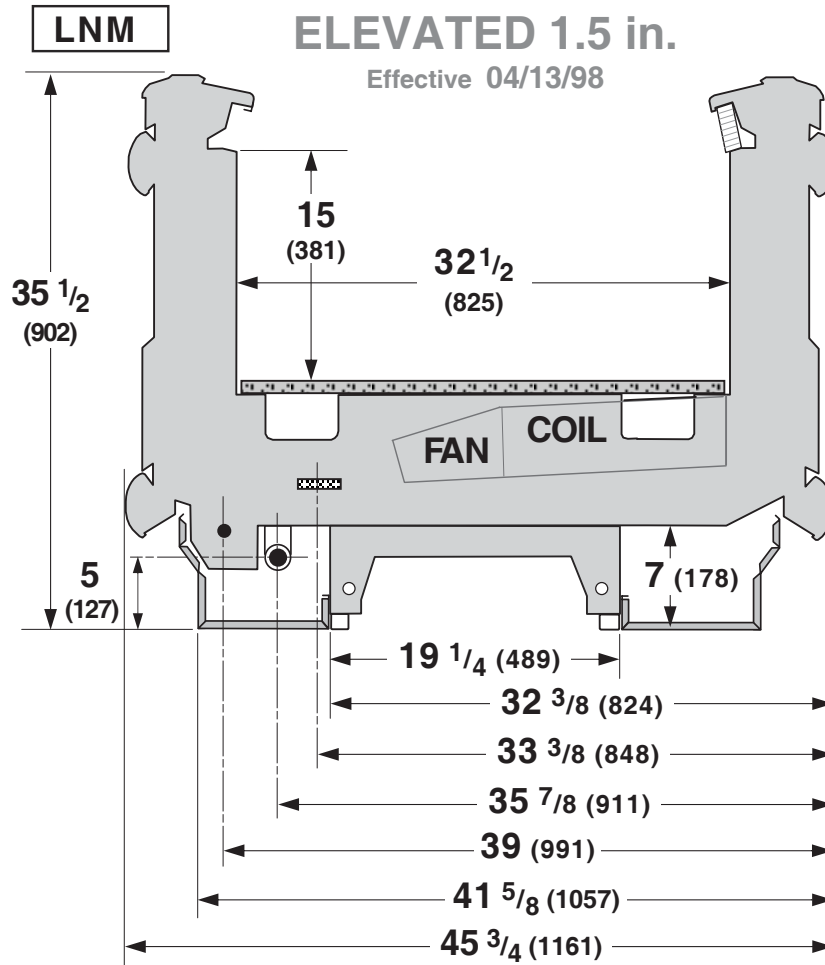
Merchandise Drip Pipe (in.)	1 1/2
Merchandise Liquid Line (in.)	3/8
Merchandise Suction Line (in.)	5/8

Estimated Charge (lb)***	LNM
8 ft	1.7
12 ft	2.6

***This is an average for all refrigerant types. Actual refrigerant charge may vary by approximately half a pound.

Length Added to Lineup by:
Each End/Partition (in.) 1 1/2

Dimensions shown in inches & (mm).



NOTE: The bumpers are 4 inches wide. The center of the top bumper is 30 inches from the floor and the center of the bottom bumper is 8 1/4 inches from the floor.

NSF Certification

These merchandisers are manufactured to meet ANSI /National Sanitation Foundation (NSF®) Standard #7 requirements.

Impact LNM Medium Temperature Food

Electrical Data

	8 ft	12 ft
Number of Fans – 4W	2	3
(Energy Efficient fan motors are not available for End or End-compartment models)		

	Amperes		Watts	
	8 ft	12 ft	8 ft	12 ft
Evaporator Fans				
120V 60Hz Standard	<u>0.62</u>	<u>0.93</u>	<u>48</u>	<u>72</u>
120V 50Hz Standard	NA			
230V 60Hz Export	<u>0.30</u>	<u>0.45</u>	<u>48</u>	<u>72</u>
230V 50Hz Export	<u>0.36</u>	<u>0.54</u>	<u>54</u>	<u>81</u>
120V 60Hz Energy Efficient	<u>0.28</u>	<u>0.42</u>	<u>20</u>	<u>30</u>
230V 60Hz Energy Efficient	NA			

Anti-sweat Heaters (on fan circuit)

Nosing Anti-sweat Heaters	<u>0.94</u>	1.40	112	168
Export: 230V 50hz	0.49	0.73	112	168

Cycling Anti-sweat Heaters

Export: 230V 50hz	NA			
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Minimum Circuit Ampacity

120V 60Hz Standard	<u>1.76</u>	<u>2.53</u>		
120V 50Hz Standard	NA			
230V 60Hz Export	<u>0.99</u>	<u>1.38</u>		
230V 50Hz Export	<u>1.05</u>	<u>1.47</u>		
120V 60Hz Energy Efficient	<u>1.42</u>	<u>2.02</u>		
230V 60Hz Energy Efficient	NA			

Maximum Over Current Protection 120V

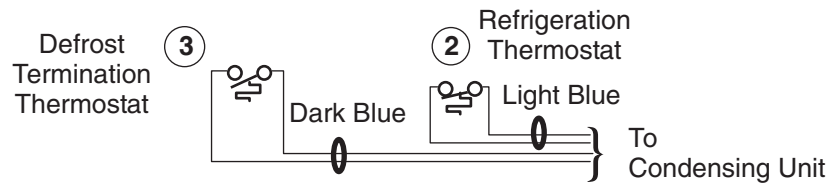
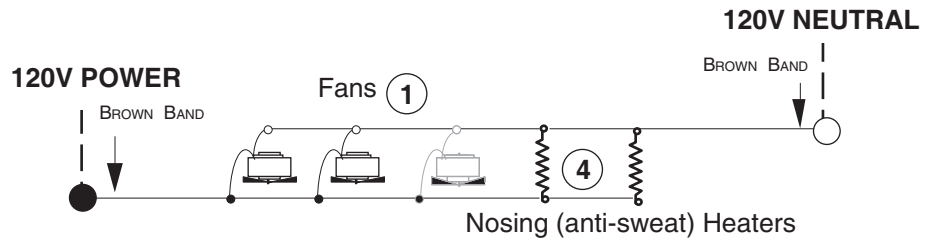
Maximum Over Current Protection 120V	20	20		
Maximum Over Current Protection 230V	15	15		

208V 1Φ Electric Defrost

120V 60Hz Standard	NA			
230V 50Hz Export	NA			

Standard Lighting: None

Offtime Defrost – Standard



WARNING

All components must have mechanical ground, and the merchandiser must be grounded.
Circled Numbers = Parts List Item Numbers
Grayed components in 12 foot models only.

