

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 #	Item	Part #	Description	Wiring Item #
FAN ASSEMBLIES, AND THERMOSTATS				HEATERS			
A.	9W Fan Assembly		(1)	D.	0487482	Defrost Heaters, 208V (HE.4481533)	(5)
	0440420	Fan Motor, Evaporator (MO.4410302)		E.	0494983	Anti-Sweat Heater, 8 ft (HE.4850719)	(6)
	0376413	Fan Blade (FB.0376413) embossing toward motor			0494984	Anti-Sweat Heater, 12 ft (HE.4850720)	(6)
	0123592	Relay, DPDT 208V coil (RL.4440495)	(2)	LAMPS AND BALLASTS			
	0253603	Optional Gas Defrost Relay, DPDT 120V coil (RL.4440267)	(2)	None			
B.	0398557	Defrost Termination Thermostat (CT.4440611)	(3)				
C.		Optional Adjustable Refrigeration Thermostat	(4)				

Note: Rev. C; changes part descriptions and location on page 1, wiring diagrams, pages 6 and 7; other changes underlined or marked by bar in margin.



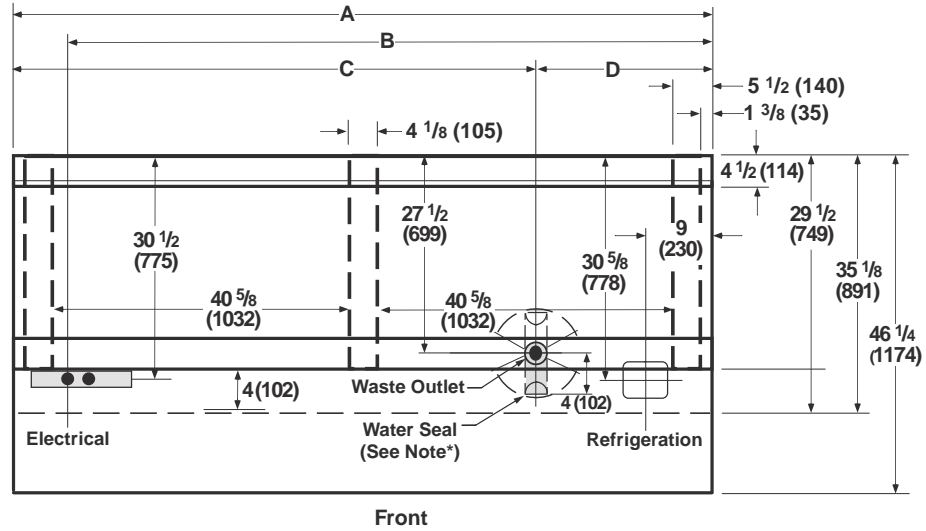
Engineering Plan Views





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 and (mm).

Meat / Delicatessen

11-2003



General	8 Ft	12 ft
(A) Length of Case (<i>without ends or partitions</i>)	96 3/8 (2448)	144 1/2 (3670)
Maximum outside dimensions of case back to front (<i>includes bumper</i>)	46 1/4 (1174)	46 1/4 (1174)
Back of case to front of splashguard	35 1/8 (891)	35 1/8 (891)
Back of case to outside edge of front skidrail	29 1/2 (749)	29 1/2 (749)
Width of skidrail	4 1/2 (114)	4 1/2 (114)
Right end of case to inside edge of external support	5 1/2 (140)	5 1/2 (140)
Distance between inside edges of external support and center support	40 5/8 (1032)	40 5/8 (1032)
Distance between inside edges of center supports	NA	44 (1118)
Width of external support	4 1/8 (105)	4 1/8 (105)
Stub-up area between front skidrail and splashguard	4 (102)	4 (102)
Electrical Service  (<i>Electrical Field Wiring connection point</i>)		
(B) Right end of case to center of farthest knockout	88 3/8 (2245)	136 1/2 (3467)
Back outside of case to center of knockout	30 1/2 (775)	30 1/2 (775)
Length of electrical raceway	34 1/2 (878)	34 1/2 (878)
Waste Outlet 		
(C) Left end of case to center of waste outlet	72 1/4 (1835)	72 1/4 (1835)
(D) Right end of case to center of waste outlet	24 1/8 (613)	72 1/4 (1835)
Back outside of case to center of waste outlet	27 1/2 (699)	27 1/2 (699)
Water Seal 		
Edge of water seal to center of waste outlet	4 (102)	4 (102)
Outside diameter of drip pipe	1 1/2 (38)	1 1/2 (38)
*Note: Water seal outlet must clear front skid rail.		
Refrigeration Outlet 		
Right end of case to center of refrigeration outlet	9 (230)	9 (230)
Back outside of case to center of refrigeration outlet	30 5/8 (778)	30 5/8 (778)

Impact M1LDGE
Frozen Meat/Delicatessen

REFRIGERATION DATA

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

	MILDGE
Discharge Air °F	-10
Evaporator °F	-20
Unit Sizing °F	-23
Btu/hr/ft	MILDGE
Parallel	475
Conventional	495

DEFROST DATA

Frequency (hr)	6
Defrost Water (lb/ft/day)	2
<small>(±15% based on case configuration and product loading.)</small>	

ELECTRIC W/REVERSE AIR	MILDGE
Temp Term °F	48
Failsafe Minutes	40

GAS W/REVERSE AIR	MILDGE
Duration Minutes	15

OFFTIME Not Recommended

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

CONVENTIONAL CONTROLS

Low Pressure Backup Control	
	MILDGE
CI/CO*	-27°F / - 37°F

Indoor Unit Only, Pressure Defrost Termination* 48°F

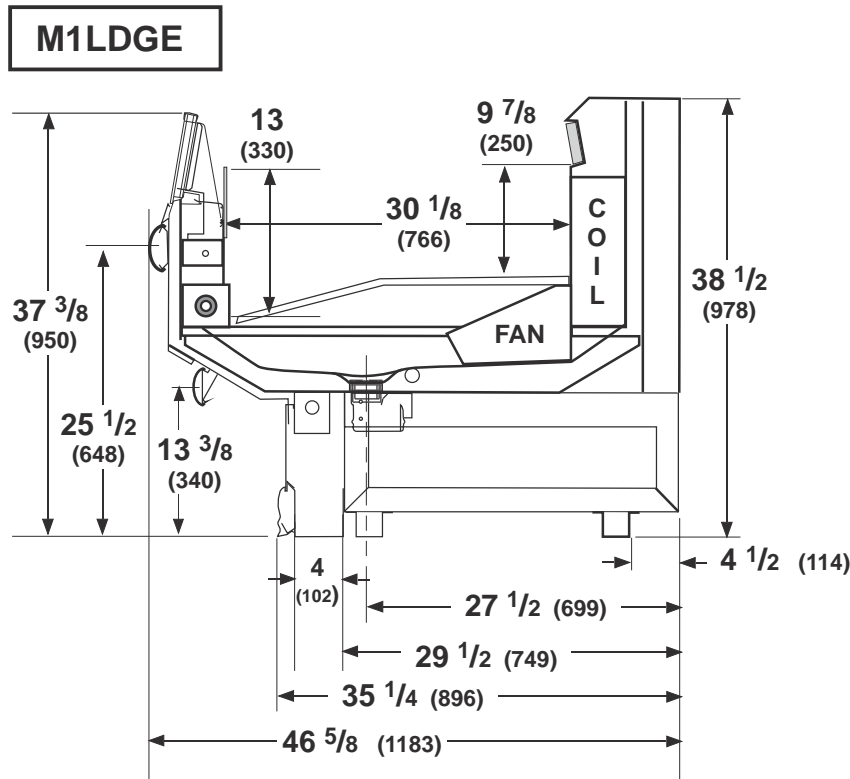
*Use a Temperature Pressure Chart to determine PSIG conversions.

PHYSICAL DATA

Estimated Charge (lbs)**	MILDGE
8 ft	1.7
12 ft	2.3
<small>**This is an average for all refrigerant types actual refrigerant charge may vary by approximately half a pound.</small>	

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

Dimensions shown as inches and (mm).



NSF Certification

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

Impact M1LDGE
Frozen Meat/Delicatessen

Electrical Data

	8 ft	12 ft		
Number of Fans — 9W	2	3		
	Amperes		Watts	
	8 ft	12 ft	8 ft	12 ft
Merchandise				
Fans				
120V 60Hz Standard	NA	NA	NA	NA
230V 50Hz Export	NA	NA	NA	NA
120V 60Hz Energy Efficient	NA	NA	NA	NA
120V 60Hz Reverse Air	0.48	0.72	50	75
Constant on Anti-sweat Heaters	0.75	1.0	90	120
Cycling Anti-Sweat Heaters	NA	NA	NA	NA
Minimum Circuit Ampacity				
120V 60Hz with Standard Fans	NA	NA		
230V 50Hz Export	NA	NA		
120V 60Hz with Energy Efficient Fans	NA	NA		
120V 60Hz with Reverse Air Fans	1.43	1.92		
Maximum Over Current Protection 120V	20	20		
Maximum Over Current Protection 230V	NA	NA		
Supplemental Gas Heaters	NA			
208V Electric Defrost	6.60	9.90	1370	2055
120V Supplemental Reverse Air	NA	NA	NA	NA
Standard Lighting				
None				
Optional Lighting				
None				

Product Data

<i>Recommended Usable Cube</i> ¹ (Cu Ft/Ft)	1.41 ft ³ /ft (0.13 m ³ /m)
<i>ARI Total Display Area</i> ² (Sq Ft/Ft)	2.80 ft ² /ft (0.86 m ² /m)
<i>Shelf Area</i> ³ (Sq Ft/Ft)	2.51 ft ² /ft (0.77 m ² /m)

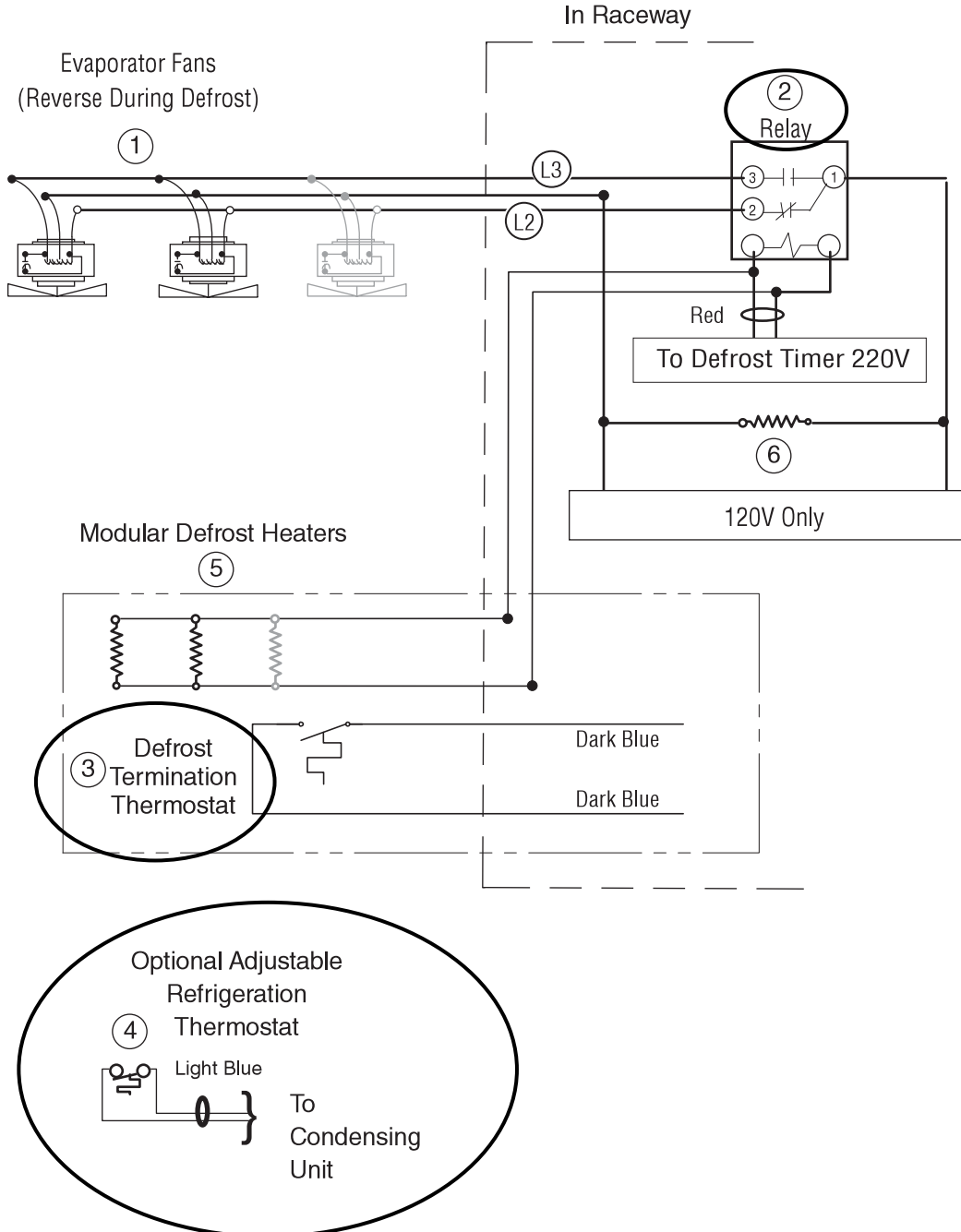
- ¹ ARI Refrigerated Volume less shelving and other unusable space: Refrigerated Volume/Unit of Length, ft³/ft [m³/m]
- ² Computed using ARI 1200 standard methodology: Total Display Area, ft² [m²]/Unit of Length, ft [m]
- ³ Shelf surface area is composed of bottom deck plus standard shelf complement, as shown in the Hussmann *Product Reference Guide*. The standard shelf complement for this model is *NONE*.

ESTIMATED SHIPPING WEIGHT ⁴			
Case	<i>8 ft</i>	<i>12 ft</i>	Solid End
			<i>(each)</i>
lb (kg)	900 (408)	1000 (454)	75 (34)

⁴ Actual weights will vary according to optional kits included.

Impact M1LDGE
Frozen Meat/Delicatessen

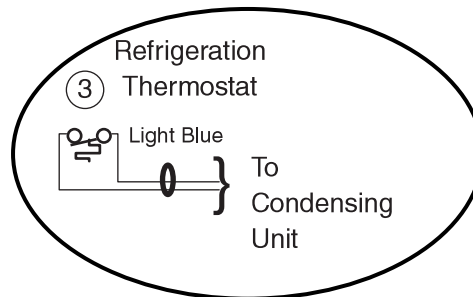
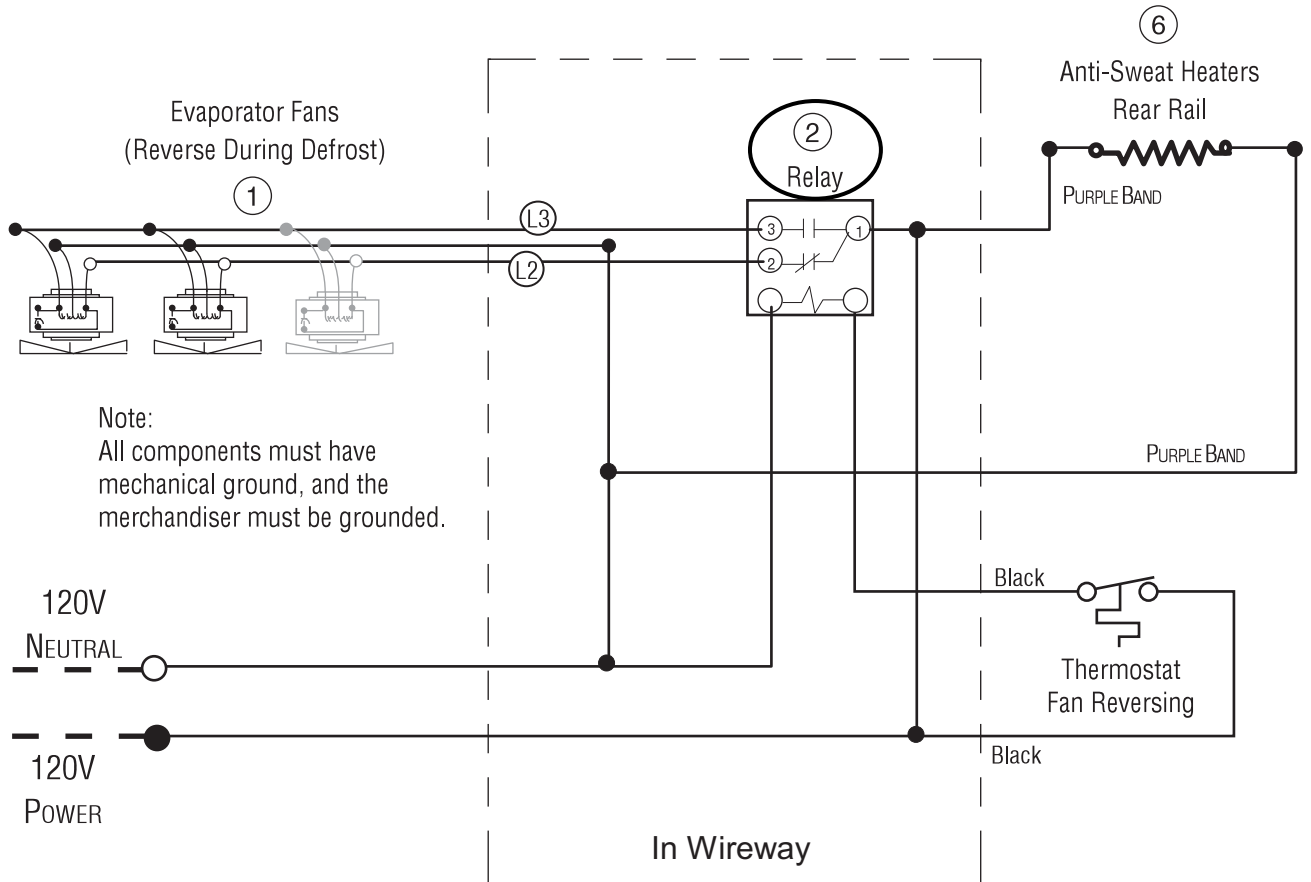
Electric Defrost – Standard



WARNING

All components must have mechanical ground, and the merchandiser must be grounded.
 Circled Numbers = Parts List Item Numbers.

Gas Defrost – Optional



WARNING

All components must have mechanical ground, and the merchandiser must be grounded.
Circled Numbers = Parts List Item Numbers.

