HUSSMANN®
IMPACT™ Merchandisers

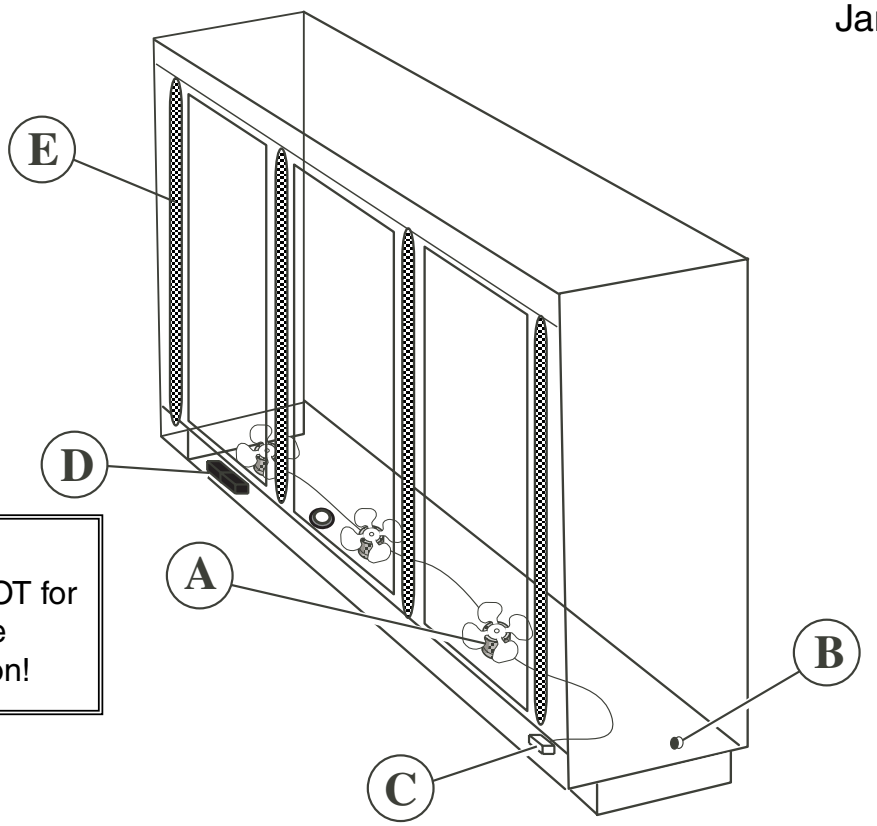
RM with Anthony Doors

Data Sheet Set

P/N 0387185E

NSF® Certified

January, 2003



Warning:
Terminal block NOT for case-to-case wire connection!

Item	Part #	Description	Wiring Item #
FAN ASSEMBLIES, AND THERMOSTATS			
A.	Fan Assembly		(1)
	0047000	Standard motor, 9W	
	0315470	Fan Blade, 34º pitch	
	0439053	Optional Energy Efficient Motor	
B.		Optional Adjustable Refrigeration Thermostat	(2)
CONTROL (RMF ONLY)			
C.	Fan Control (RMF)		(3)
	0125275	Fan Speed Control, 120V, 60hz	

Item	Part #	(Qty)	Description	Wiring Item #
LAMPS AND BALLASTS				
J.			One-Lamp Ballast Two-Lamp Ballast Export Ballast	
K.			Fluorescent Lamp, Standard 40W	

Refer to door manufacturer's manual for replacement door parts.

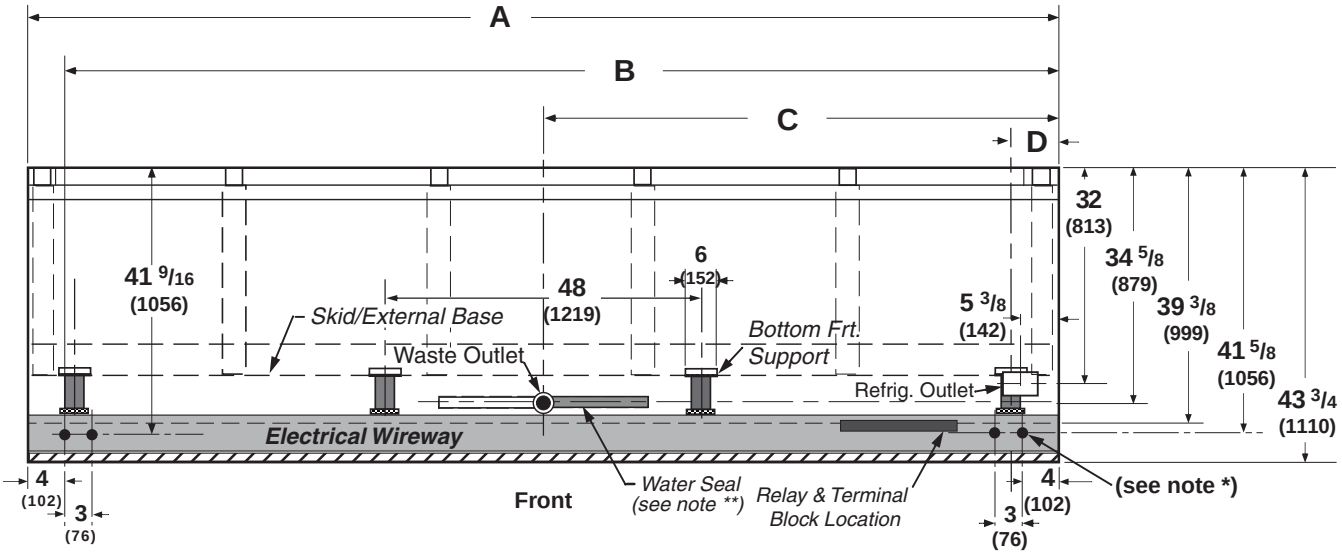
NOTE: Changed items have been underlined.

Engineering Plan Views

Reach-In 2, 3, 4, & 5 Door

RL-RM-RMF Plan View

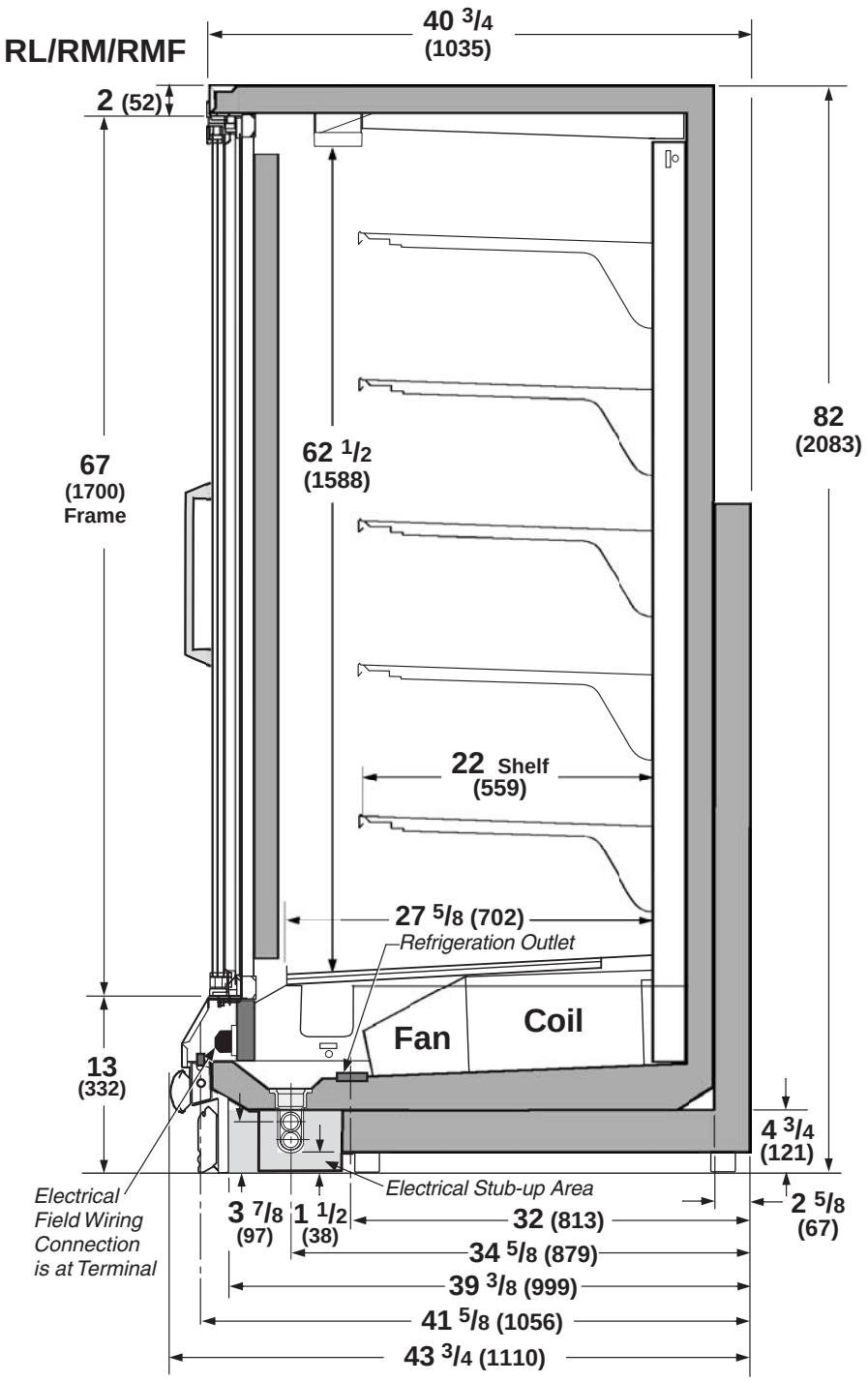
Dimensions shown as in. & (mm).



		2 Dr	3 Dr	4 Dr	5 Dr
General					
(A)	Case Length (without ends or partitions)	62 (1575)	92 1/2 (2350)	122 7/8 (3121)	153 3/8 (3896)
	Maximum O/S dimension of case back to front *(Includes bumper)*	43 3/4 (1111)	43 3/4 (1111)	43 3/4 (1111)	43 3/4 (1111)
	Back of case to rear of splashguard	39 3/8 (1000)	39 3/8 (1000)	39 3/8 (1000)	39 3/8 (1000)
	Width of Skidrail	4 1/2 (114)	4 1/2 (114)	4 1/2 (114)	4 1/2 (114)
	Width of Bottom Front Support	6 (152)	6 (152)	6 (152)	6 (152)
	Stub-up area between front skidrail and splashguard	6 3/8 (1000)	6 3/8 (1000)	6 3/8 (1000)	6 3/8 (1000)
Electrical Service					
	RH end of case to the center of nearest knockout	4 (102)	4 (102)	4 (102)	4 (102)
(B)	RH end of case to the center of LH knockout	58 (1473)	88 1/2 (2248)	118 7/8 (3019)	149 3/8 (3794)
	Back O/S of case to center of knockout	41 5/8 (1057)	41 5/8 (1057)	41 5/8 (1057)	41 5/8 (1057)
** NOTE: Electrical Field Wiring Connection Point is at terminal.*					
Waste Outlet					
(C)	Right end of case to center of waste outlet	23 3/4 (603)	54 1/4 (1378)	46 1/4 (1175)	76 5/8 (1946)
	Back O/S of case to center of waste outlet	34 5/8 (879)	34 5/8 (879)	34 5/8 (879)	34 5/8 (879)
Water Seal					
	Edge of water seal to center of waste outlet	11 (279)	11 (279)	11 (279)	11 (279)
	Outside diameter of drip piping	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)
*** NOTE: Field installed water seal outlets, tees, and connectors are shipped with case*					
Refrigeration Outlet					
	RH end of case to center of RH refrigeration outlet	5 3/8 (137)	5 3/8 (137)	5 3/8 (137)	5 3/8 (137)
	Back O/S of case to center of refrigeration outlet	32 (813)	32 (813)	32 (813)	32 (813)
(D)	Outside bottom front supports from end of case	6 3/4 (170)	6 3/4 (170)	6 3/4 (170)	6 3/4 (170)
	Center bottom front support from Centerline	24 (610)	24 (610)	24 (610)	24 (610)
	Distance between Center and Outside supports will vary				

Impact RM
With Anthony Doors
Dairy, Delicatessen, Beverages

Dimensions shown as in. & (mm).



NOTE: The bumpers are 4 in. (102 mm) wide. The center of the bumper is 5 1/2 in. (140 mm) from the floor.

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

REFRIGERATION DATA

Note: This data is based on store temperature and humidity levels that do not exceed NSF guidelines.

	MEDIUM TEMP
Discharge Air °F	32
Evaporator °F	27
Unit Sizing °F	24

*BTU/HR/DOOR**	NSF *TYPE I*	NSF *TYPE II*
Temp (°F) /R.H.	**75°/55%**	**80°/55%**
Parallel	945	985
Conventional	990	1030

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

DEFROST DATA

Frequency (hr) 24
Defrost Water (lb/Dr/day) **0.3**
(± 15% based on case configuration and product loading).

ELECTRIC	NA
Temp Term (°F)	NA
Failsafe (min)	NA

GAS
Not Recommended

OFFTIME	60 min

CONVENTIONAL CONTROLS

Low Pressure Backup Control
CI/CO (Temp °F)** **+20°/+10°**
Indoor Unit Only, Pressure Defrost Termination (Temp °F)**
Not Recommended
****Use a Temperature Pressure Chart to determine PSIG conversions.**

PHYSICAL DATA

Drip Pipe (in.)	1 1/4
Liquid Line (in.)	3/8
Suction Line (in.)	7/8

Estimated Charge (lbs)***

2 Dr	1.8
3 Dr	2.7
4 Dr	3.6
5 Dr	4.6

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

Length Added to Lineup by each	
Standard End (in.)	2
Optional End with Window (in.)	1 1/2
Optional Partition (in.)	1 1/2

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Electrical Data

	2Dr	3Dr	4Dr	5Dr
Number of Fans	**2**	**3**	**4**	**5**

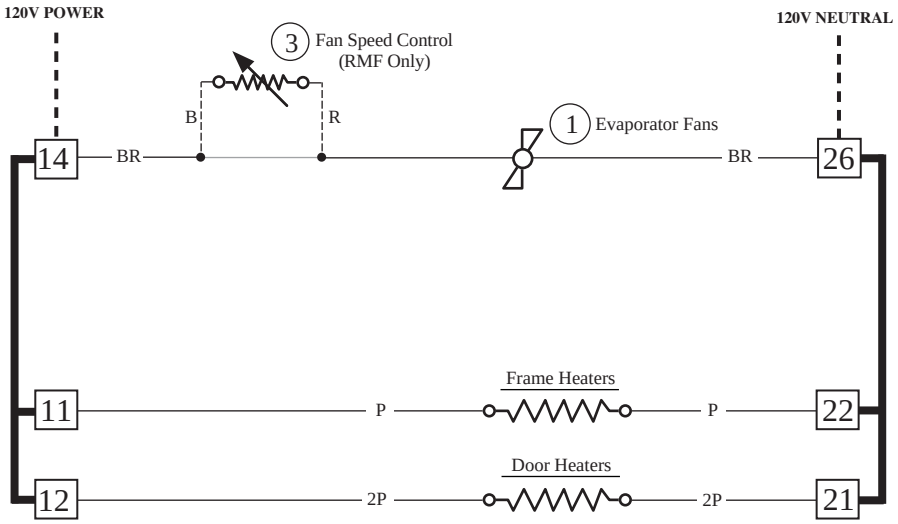
	Amperes				Watts			
Merchandiser	**2Dr**	**3Dr**	**4Dr**	**5Dr**	**2Dr**	**3Dr**	**4Dr**	**5Dr**
Fans								
Standard	1.40	2.10	2.80	3.50	110	165	220	275
Energy Efficient	0.76	1.14	1.52	1.90	50	75	100	125
(Export: 220V 50 hz)	0.76	1.14	1.52	1.90	108	162	216	270
Constant on Anti-sweat Heaters								
Doors	**(Not Applicable)**							
(Export: 220V 50 hz)	**(Not Applicable)**							
Cycling Anti-sweat Heaters								
Doors	0.38	0.57	0.76	0.95	46	68	91	114
(Export: 220V 50 hz)	0.20	0.30	0.40	0.50	44	66	88	110
Frames	0.92	1.29	1.72	2.12	110	155	206	254
(Export: 220V 50 hz)	0.48	0.71	0.96	1.13	106	156	211	249
Minimum Circuit Ampacity								
With Standard Fans	2.88	4.14	5.46	6.75				
With Energy Efficient Fans	2.16	3.10	4.10	5.07				
Maximum Over Current Protection	20	20	20	20				
(Export: 220V 50 hz)	20	20	20	20				
Defrost	**(Not Applicable)**							
Standard Vertical Lighting	**2Dr**	**3Dr**	**4Dr**	**5Dr**	**2Dr**	**3Dr**	**4Dr**	**5Dr**
Anthony Doors (120V)	**1.45**	**1.94**	**2.42**	**2.91**				
(Export: 220V 50 hz)	0.79	1.06	1.32	1.59				
Ardco Doors (120V)	**1.89**	**2.34**	**3.06**	**3.51**				
(Export: 220V 50 hz)	NA	NA	NA	NA	NA	NA	NA	NA

Fan and Heater Circuits - Offtime Defrost (standard)
Medium Temperature

CIRCLED NUMBERS = PARTS LIST ITEM NUMBERS

P = Purple 2P = Purple (2 Bands) Pink = Pink
BR =Brown OR = Orange B =Black R = Red

THESE ARE MARKER COLORS (WIRE MAY VARY.)



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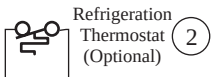

Medium Temperature with Offtime Defrost

Terminal Blocks in Raceway