

# Technical Information

Fusion - Self-Service Refrigerated Open Reach-In - 78"H

Structural Concepts®

DELIVERING FRESH. ALWAYS.™

DIMENSIONS / SHIPPING				
Model	L"	L1"	L2"	Est Wt (lbs)
MD478R	48.000	50.250	3.000	950
MD678R	72.000	74.250	3.000	1,300

ELECTRICAL															
Model	System Circuit Volts			Ph	Frq	Rated Load Amps	Min Cir Amps	Max OCP Amps	Watts	Wires	NEMA Plug	Amps Lights	Amps Fans	Amps Anti-Sweats	Amps Misc/Refrig/Heat
MD478R	Remote (DX)	Circuit #1	110-120	1	60	2.26	15	15	132	2+G	Leads Multiple	1.40	0.60	0.18	0.08
MD678R	Remote (DX)	Circuit #1	110-120	1	60	2.64	15	15	147	2+G	Leads Multiple	1.40	0.90	0.26	0.08

REFRIGERATION													
Model	Zone	Section	System	Envt	REMOTE REFRIGERATION					GLYCOL / R744 REFRIGERATION			
					SST (°F)	Conv. Rack BTUH	Para. Rack BTUH	Defrost Interval (Hrs)	Defrost Duration	Total GPM	Pressure Drop (psi)	Concent (%)	Liquid Temp (°F)
MD478R	All	Main	Remote-DX	Type I	20	5,184	4,800	4.00	25.00	N/A	N/A	N/A	N/A
MD678R	All	Main	Remote-DX	Type I	20	9,072	8,400	4.00	30.00	N/A	N/A	N/A	N/A

INTENDED ENVIRONMENT		
Type I - Designed to operate in ambient conditions of 75°F with 55% relative humidity unless noted otherwise under Envt above.		
WARMEST AVERAGE PRODUCT TEMP & INTENDED USE OF ZONES		
Zone	Temp (°F)	Intended Use
1	40	Packaged / unpackaged refrigerated products

IMPORTANT NOTES
1) REMOTE REFRIGERATION NOTE: Condensing unit not included, floor drain required.
2) Units must be shimmed during installation to ensure the unit is level and plumb.

REGULATORY	
All Models	Accordance with AHRI Std 1200 ETL Listed to UL 471 ETL Listed to CAN/CSA 22.2 No. 120 ETL Sanitation to NSF/ANSI 7



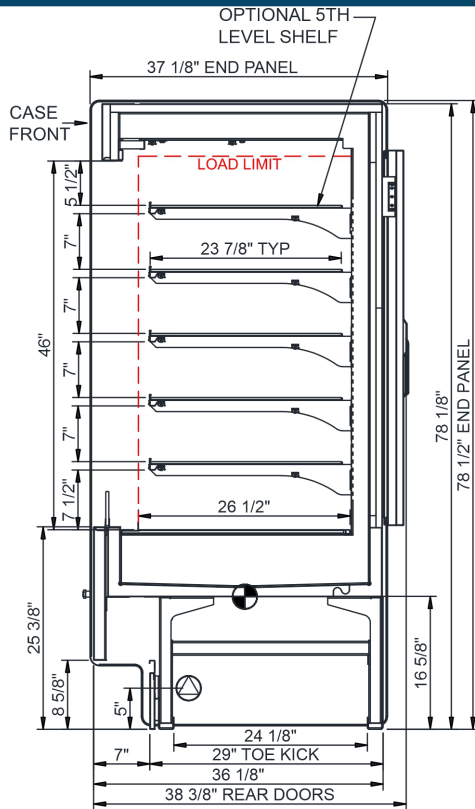
In Accordance with  
**AHRI Std 1200**

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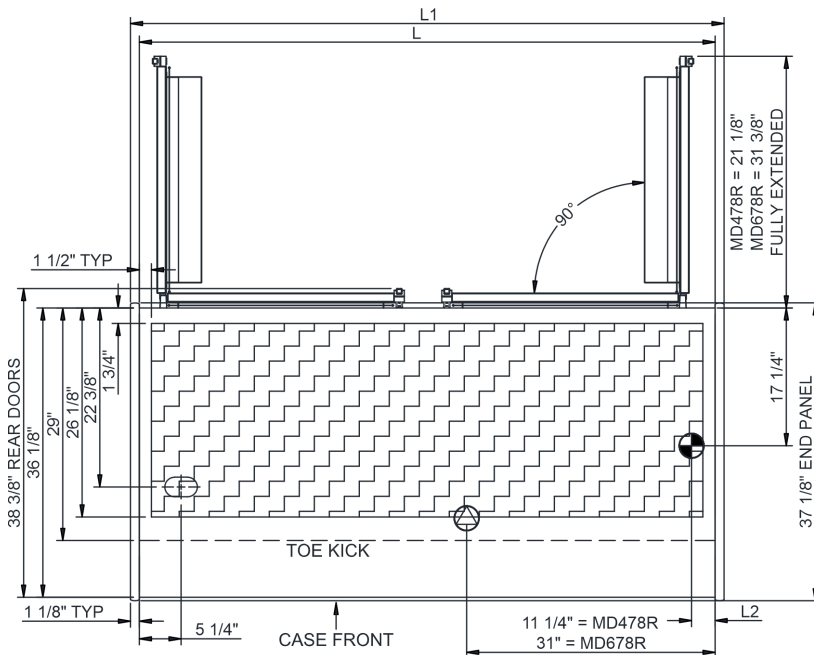
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REAR DOORS LOADING SPACE	
MODEL	WD x HT x QTY
MD478R	17" x 47 3/4" x 2
MD678R	27 1/8" x 47 3/4" x 2



NOTE: ALL DIMENSIONS APPROXIMATE

-  ELECTRICAL JUNCTION BOX (SUPPLIED WITH 6" LEADS OR POWER CORD).
-  LOCATION OF DRAIN TUBE FOR REMOTE REF. ONLY (SUPPLIED WITH 3/4" OR 1 1/2" PVC TUBE).

-  REFRIGERATION LINE CONNECTION.
-  REMOTE FLOOR SINK & UTILITIES ACCESS AREA.

-  SELF-CONTAINED CASE SERVICE ACCESS AREA.
-  DRY CASE SERVICE ACCESS AREA.