

Technical Information

Fusion - Self-Service Refrigerated Open Reach-In - 85"H

Structural Concepts®

DELIVERING FRESH. ALWAYS.™

DIMENSIONS / SHIPPING				
Model	L"	L1"	L2"	Est Wt (lbs)
MD485R	48.000	50.250	3.000	N/A
MD685R	72.000	74.250	3.000	N/A

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
MD485R	Self-Contained (R449A)	Circuit #1	208-240	1	60	14.50	20	20	2,236	2+G	6-20P or L6-20P	0.72	2.28	3.50	8.00
	Self-Contained (R290)	Circuit #1	208-240	1	60	16.00	20	20	2,832	2+G	6-20P or L6-20P	0.61	0.44	3.50	13.00
MD685R	Self-Contained (R449A)	Circuit #1	208-240	1	60	15.01	20	20	2,815	2+G	6-20P or L6-20P	0.72	2.17	3.55	9.50
	Self-Contained (R290)	Circuit #1	208-240	1	60	24.00	30	30	3,872	2+G	6-30P or L6-30P	N/A	0.66	3.55	20.11

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)	
MD485R	All	Main	Self-Contained-R449A	Type I	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MD685R	All	Main	Self-Contained-R449A	Type I	N/A	N/A	N/A	N/A	N/A	N/A	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) Units must be shimmed during installation to ensure the unit is level and plumb.
2) Keep unit at least 15' from exterior doors, overhead HVAC vents, or any air curtain disruption.
3) Performance issues (product temperatures, water on floor, etc.) caused by adverse conditions are not covered by warranty.

REGULATORY	
All Models	Accordance with AHRI Std 1200 ETL Listed to UL 471 ETL Sanitation to NSF/ANSI 7



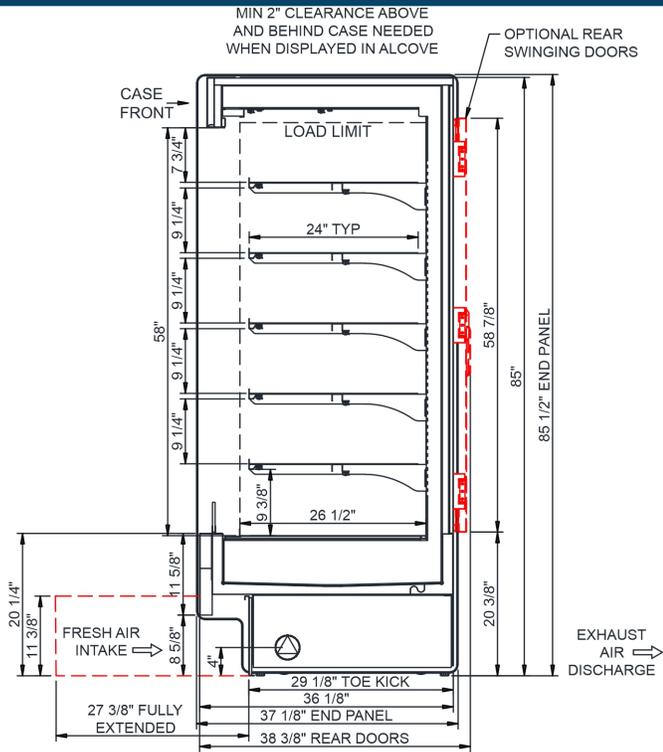
In Accordance with
AHRI Std 1200

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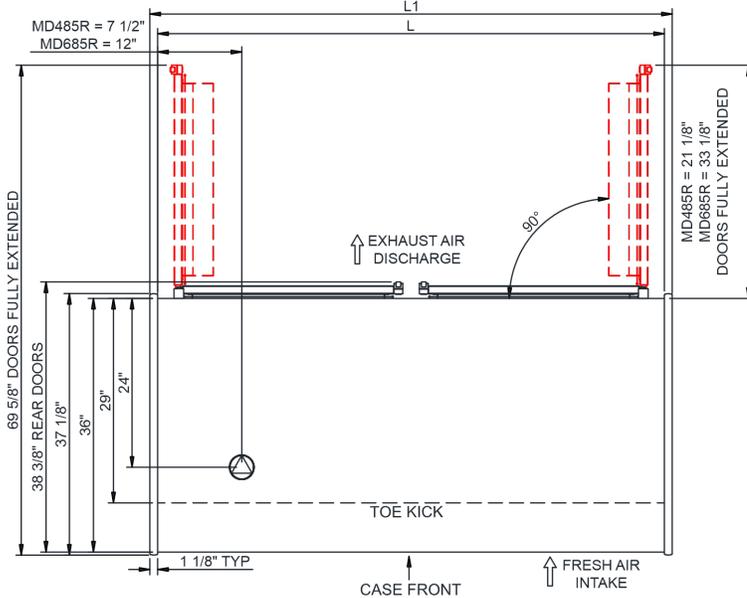
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REAR DOORS OPENING	
MODEL	WD x HT x QTY
MD485R	17" x 57 3/4" x 2
MD685R	28 5/8" x 57 3/4" x 2



NOTES:

- REFRIGERATION ACCESSIBLE ONLY BY PULLING OUT COMPRESSOR DRAWER
- COMPRESSOR AIR LOWER FRONT INTAKE, LOWER REAR DISCHARGE. PANELS CANNOT BE BLOCKED.

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.