

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	Env't	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
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

INTENDED ENVIRONMENT

Type I - Designed to operate in ambient conditions of 75°F with 55% relative humidity unless noted otherwise under Env't above.

WARMEST AVERAGE PRODUCT TEMP & INTENDED USE OF ZONES

Zone	Temp (°F)	Intended Use
1	40	Packaged / unpackaged refrigerated products

REGULATORY

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

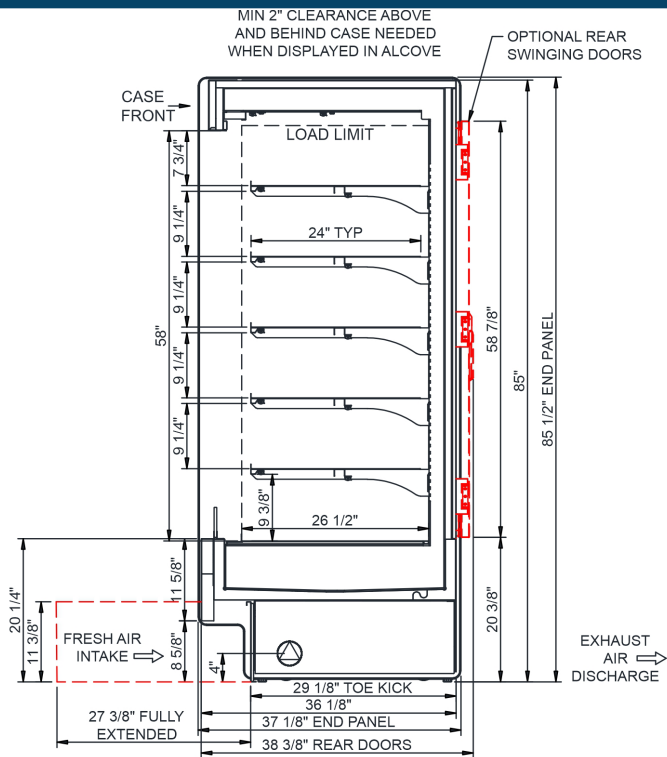


In Accordance with
AHRI Std 1200

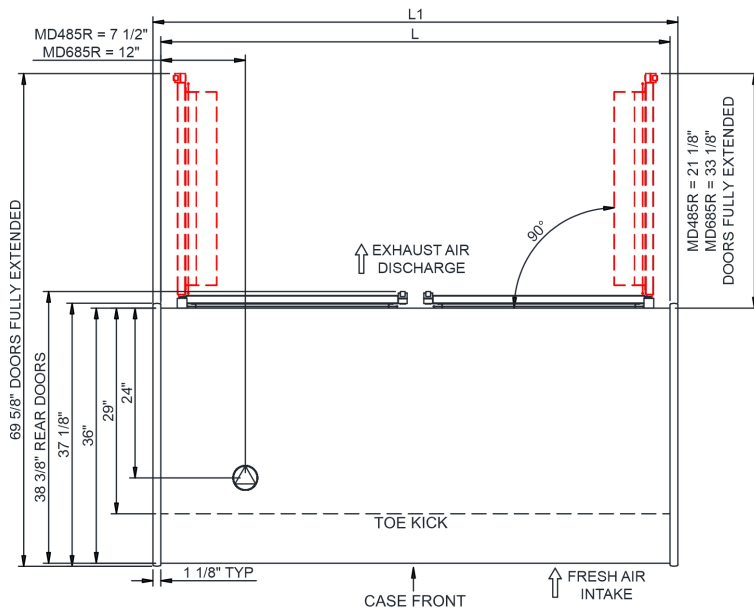
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REAR DOORS OPENING	
MODEL	WD x HT x QTY
MD485R	17" x 57 3/4" x 2
MD685R	28 5/8" x 57 3/4" x 2



NOTES:

1. REFRIGERATION ACCESSIBLE ONLY BY PULLING OUT COMPRESSOR DRAWER
2. 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 $\frac{3}{4}$ " OR $1\frac{1}{2}$ " PVC TUBE).



➔ **REFRIGERATION LINE CONNECTION.**



REMOTE FLOOR SINK & UTILITIES ACCESS AREA.



SELF-CONTAINED CASE SERVICE ACCESS AREA.



DRY CASE SERVICE ACCESS AREA.