

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	1,300
MD685R	72.000	74.250	3.000	1,650

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 (R290)	Circuit #1	208-240	1	60	16.00	20	20	2,870	2+G	6-20P or L6-20P	0.61	0.48	3.50	13.00
MD685R	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-R290	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-R290	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

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

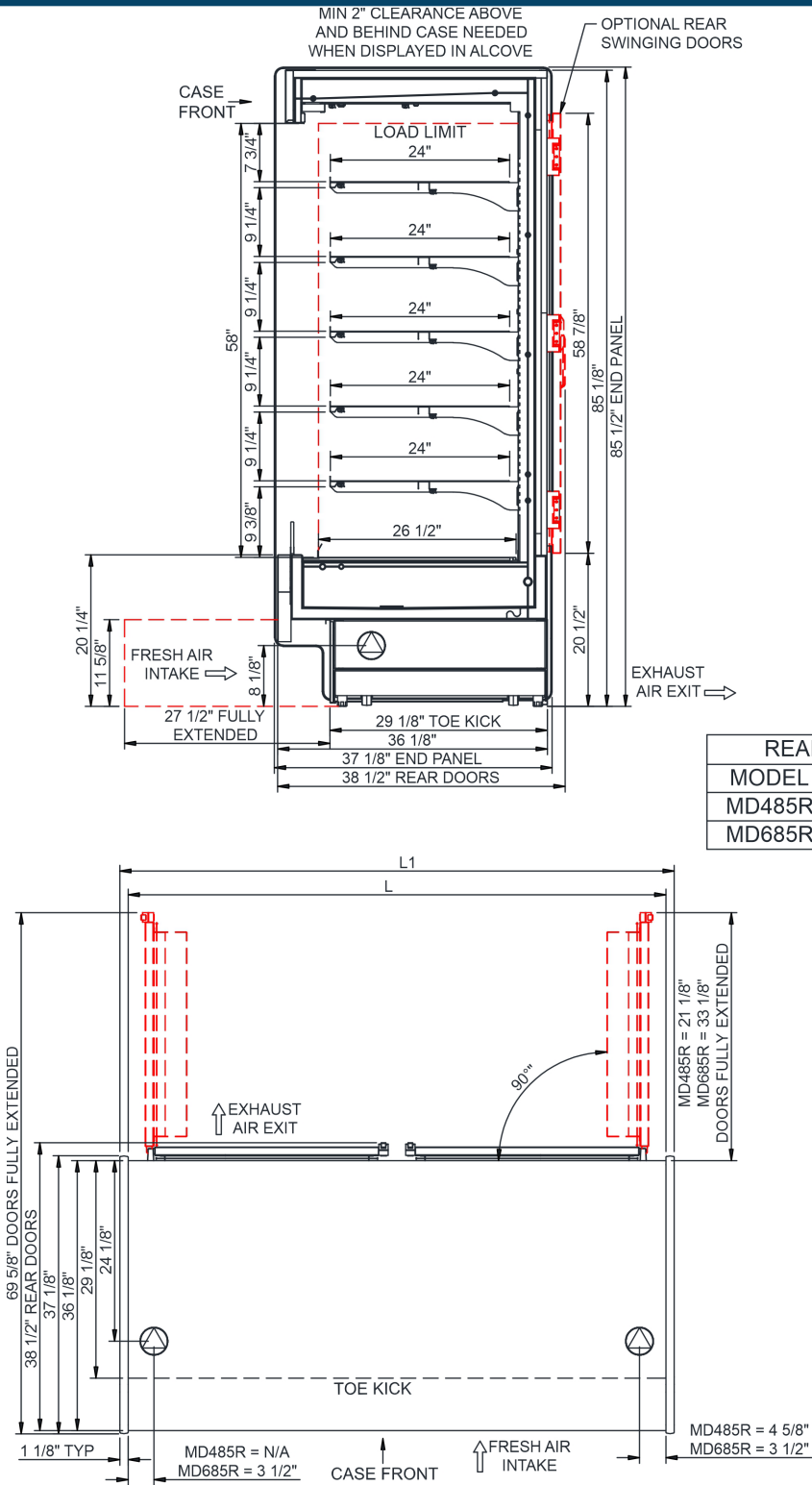
All Models	Accordance with AHRI Std 1200 ETL Listed to UL 471 ETL Sanitation to NSF/ANSI 7
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In Accordance with
AHRI Std 1200

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NOTE: ALL DIMENSIONS APPROXIMATE

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ELECTRICAL JUNCTION BOX
(SUPPLIED WITH 6" LEADS OR POWER CORD).
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REFRIGERATION LINE CONNECTION.
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SELF-CONTAINED CASE SERVICE ACCESS AREA.
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LOCATION OF DRAIN TUBE FOR REMOTE REF.
ONLY (SUPPLIED WITH 3/4" OR 1 1/2" PVC TUBE).
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REMOTE FLOOR SINK & UTILITIES
ACCESS AREA.
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DRY CASE SERVICE ACCESS AREA.