

Technical Information

Fusion - GMSS 52"H Refrigerated Self-Service Case

Structural Concepts®

DELIVERING FRESH. ALWAYS.™

DIMENSIONS / SHIPPING

Model	L"	L1"	L2"	Est Wt (lbs)
GMSS452R	48.750	51.000	3.625	N/A
GMSS552R	60.625	62.875	3.625	N/A
GMSS652R	73.125	75.375	3.625	N/A
GMSS852R	97.500	99.750	3.625	N/A
GMSS1052R	121.125	123.375	40.500	N/A
GMSS1252R	146.250	148.500	45.125	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
GMSS452R	Remote (DX)	Circuit #1	110-120	1	60	1.40	15	15	154	2+G	Leads Multiple	0.74	0.30	0.36	N/A
	Remote (GLYCOL)	Circuit #1	110-120	1	60	1.50	15	15	88	2+G	Leads Multiple	0.70	0.62	0.18	N/A
	Self-Contained (R449A)	Circuit #1	110-120	1	60	15.27	20	20	1,329	2+G	5-20P or L5-20P	N/A	1.43	4.14	9.70
GMSS552R	Remote (DX)	Circuit #1	110-120	1	60	1.54	15	15	65	2+G	Leads Multiple	0.70	0.60	0.24	N/A
	Remote (GLYCOL)	Circuit #1	110-120	1	60	1.54	15	15	65	2+G	Leads Multiple	0.70	0.60	0.24	N/A
	Self-Contained (R449A)	Circuit #1	208-240	1	60	9.37	20	20	1,770	2+G	6-20P or L6-20P	0.36	0.48	2.43	6.10
GMSS652R	Remote (DX)	Circuit #1	110-120	1	60	2.66	15	15	243	2+G	Leads Multiple	1.52	0.60	0.54	N/A
	Remote (GLYCOL)	Circuit #1	110-120	1	60	2.66	15	15	243	2+G	Leads Multiple	1.52	0.60	0.54	N/A
	Self-Contained (R449A)	Circuit #1	208-240	1	60	10.21	20	20	1,895	2+G	6-20P or L6-20P	0.72	0.96	2.43	6.10
GMSS852R	Remote (DX)	Circuit #1	110-120	1	60	3.03	15	15	274	2+G	Leads Multiple	1.98	0.60	0.37	0.08
	Remote (GLYCOL)	Circuit #1	110-120	1	60	2.95	15	15	264	2+G	Leads Multiple	1.98	0.60	0.37	N/A
	Self-Contained (R449A)	Circuit #1	208-240	1	60	13.36	20	20	2,533	2+G	6-20P or L6-20P	0.72	1.16	3.78	7.70
GMSS1052R	Remote (DX)	Circuit #1	110-120	1	60	3.04	15	15	157	2+G	Leads Multiple	1.40	1.20	0.44	N/A
	Remote (GLYCOL)	Circuit #1	110-120	1	60	3.04	15	15	157	2+G	Leads Multiple	1.40	1.20	0.44	N/A
GMSS1252R	Remote (DX)	Circuit #1	110-120	1	60	3.69	15	15	430	2+G	Leads Multiple	2.22	0.90	0.57	N/A

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)
GMSS452R	All	Main	Remote-DX	Type I	20	3,802	3,520	4.00	30.00	N/A	N/A	N/A	N/A
	All	Main	Remote-Glycol	Type I	N/A	4,510	4,176	4.00	30.00	1.25	2.30	35%	20.00
	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
GMSS552R	All	Main	Remote-DX	Type I	20	4,320	4,000	4.00	30.00	N/A	N/A	N/A	N/A
	All	Main	Remote-Glycol	Type I	N/A	4,320	4,000	4.00	45.00	2.00	16.00	35%	20.00
	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
GMSS652R	All	Main	Remote-DX	Type I	20	5,270	4,880	4.00	25.00	N/A	N/A	N/A	N/A
	All	Main	Remote-Glycol	Type I	N/A	5,270	4,880	4.00	25.00	3.25	9.43	35%	20.00
	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
GMSS852R	All	Main	Remote-DX	Type I	20	6,847	6,340	4.00	35.00	N/A	N/A	N/A	N/A
	All	Main	Remote-Glycol	Type I	N/A	6,847	6,340	4.00	25.00	1.50	2.66	35%	20.00
	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
GMSS1052R	All	Main	Remote-DX	Type I	20	8,791	8,140	4.00	25.00	N/A	N/A	N/A	N/A
	All	Main	Remote-Glycol	Type I	N/A	8,791	8,140	4.00	45.00	4.00	4.80	35%	20.00
GMSS1252R	All	Main	Remote-DX	Type I	20	11,016	10,200	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 refrigerated products

IMPORTANT NOTES

- 1) ELECTRICAL NOTE: If GFCI is required, a GFCI breaker MUST be used in lieu of a GFCI receptacle.
- 2) 45" minimum door entry clearance required (without shipping skid).
- 3) Units must be shimmed during installation to ensure the unit is level and plumb.

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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

NOTE: ALL DIMENSIONS APPROXIMATE

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

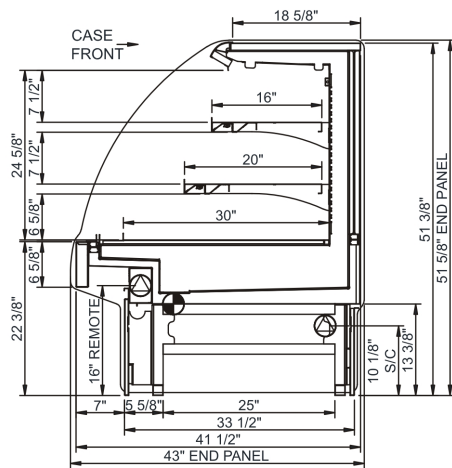
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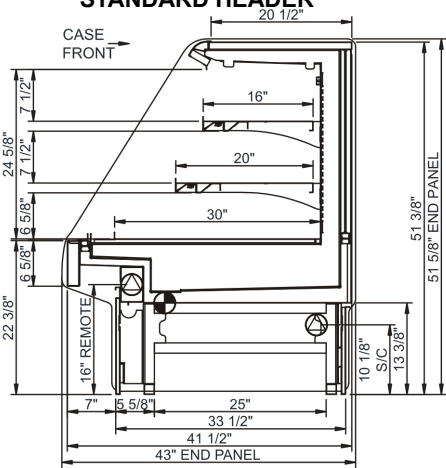
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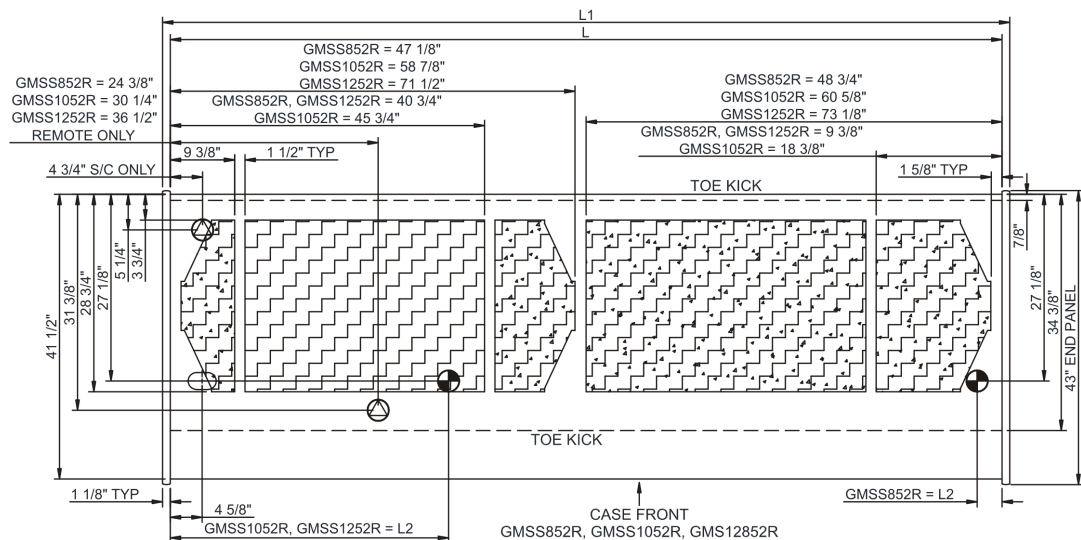
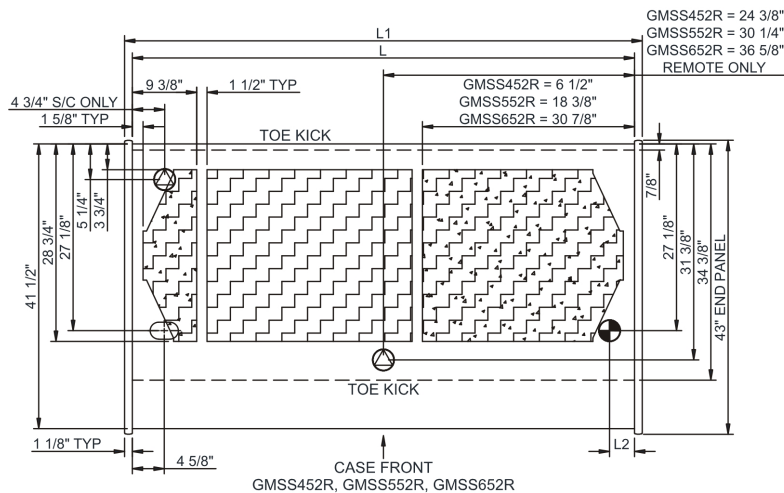
STANDARD HEADER



STANDARD CURVED PROFILE



FLAT ANGLED OPTION PROFILE



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