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	925
GMSS552R	60.625	62.875	3.625	1,050
GMSS652R	73.125	75.375	3.625	1,100
GMSS852R	97.500	99.750	3.625	1,500
GMSS1052R	121.125	123.375	40.500	1,500
GMSS1252R	146.250	148.500	45.125	1,700

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	1.78	15	15	88	2+G	Leads Multiple	0.70	0.90	0.18	N/A
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
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
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
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	1.50	2.85	35%	20.00
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
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
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
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-Prechilled to Warmest Avg Prod Temp.

IMPORTANT NOTES

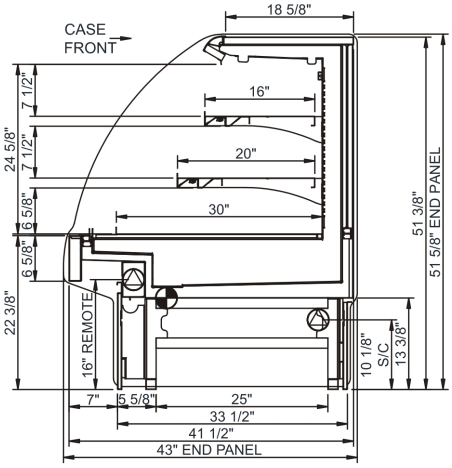
1) REMOTE REFRIGERATION NOTE: Condensing unit not included, floor drain required.
2) ELECTRICAL NOTE: If GFCI is required, a GFCI breaker MUST be used in lieu of a GFCI receptacle.
3) 45" minimum door entry clearance required (without shipping skid).
4) Units must be shimmed during installation to ensure the unit is level and plumb.

REGULATORY

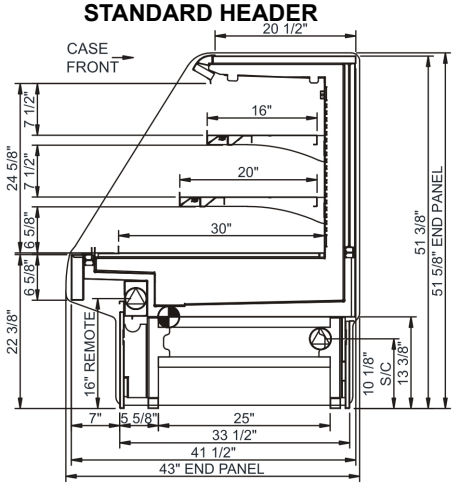
All Models	Accordance with AHRI Std 1200 ETL Listed to UL 471 ETL Listed to CAN/CSA 22.2 No. 120 ETL Sanitation to NSF/ANSI 7

In Accordance with AHRI Std 1200

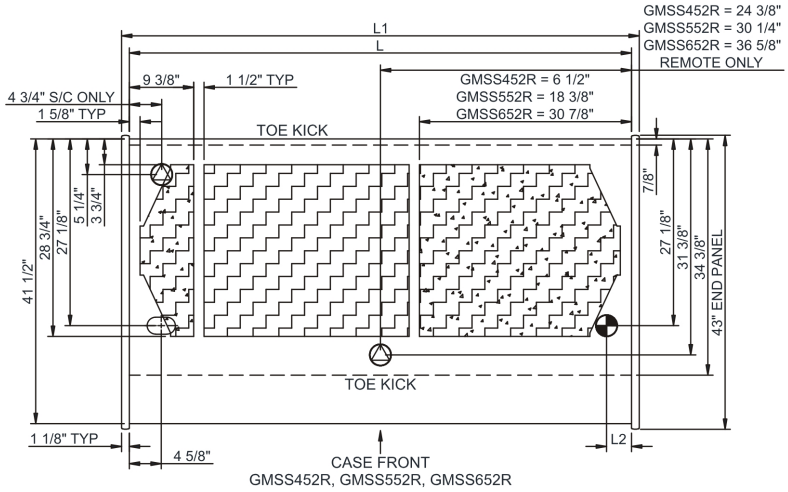
STANDARD HEADER

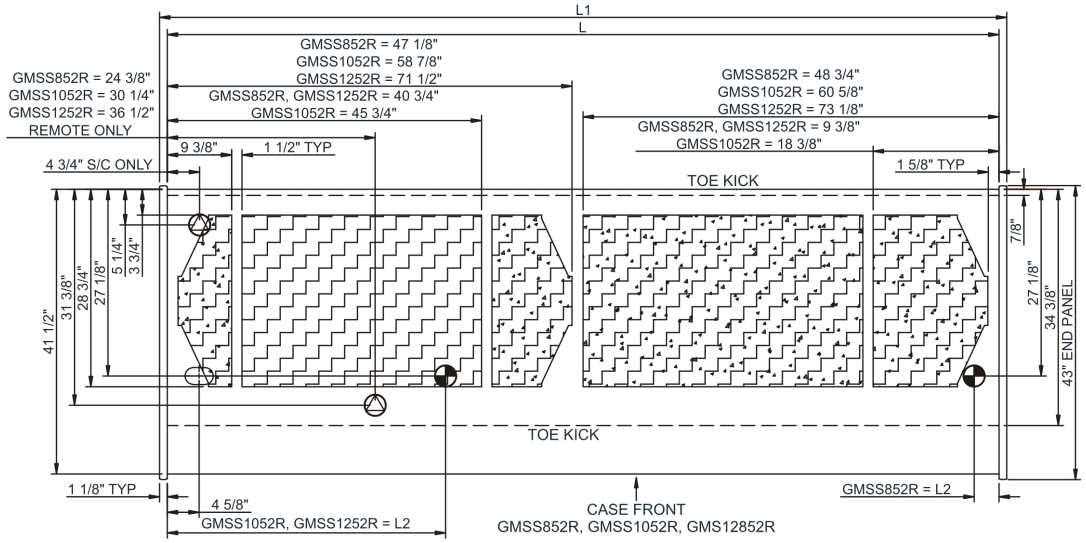


STANDARD CURVED PROFILE



FLAT ANGLED OPTION PROFILE





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.