Fusion

GMSS 52"H Refrigerated Self-Service Case

Structural Concepts®
DELIVERING FRESH. ALWAYS.™

- **GMSS452R** 51"L x 43"D x 51-5/8"H
- **GMSS552R** 62-7/8"L x 43"D x 51-5/8"H
- **GMSS652R** 75-3/8"L x 43"D x 51-5/8"H
- **GMSS852R** 99-3/4"L x 43"D x 51-5/8"H
- **GMSS1052R** 123-3/8"L x 43"D x 51-5/8"H
- **GMSS1252R** 148-1/2"L x 43"D x 51-5/8"H

Included

- Remote DX refrigeration
- LED top & shelf lights
- One year parts & labor warranty
- Stainless steel rear exterior
- Warmest average product temperature of 40°F or less



GMSS452R

Specify	Standard Features	Additional Options
EXTERIOR COLOR	• Laminate (stock colors)	• Laminate (non-stock colors) • Powder coated (stock/non-stock colors) • Powder coated Silversan Black • Stainless steel
INTERIOR COLOR	• Powder coated Silversan Black	• Stainless steel
LOWER FRONT PANEL COLOR	• Powder coated Silversan Black	• Powder coated (stock/non-stock colors) • Stainless steel
BASE SUPPORT	• Rail system for shims	
BUMPER FRONT	• 1" Boston bumper (specify color)	• 1" Stainless steel plate rail bumper
END PANEL PROFILE	• Curved	• Flat angled
END PANELS	• Full w/stainless steel mirror interior	• Cutaway w/glass • None (specify per line-up)
PRICE TAG MOLDING	• None	• 1" Price tag molding (black or silver) • Universal price tag molding (clear w/ open top)
REAR DOORS	• None (solid back panel)	• Solid rear swinging door(s) w/lock
SHELVING	• 16" & 20" Solid shelving	• 16" & 20" Glass shelving
LIGHTS	• LED 3500K w/ frosted lens	• LED 4000K w/ frosted lens
ELECTRICAL CONNECTION	• Electrical leads (remote)	
REFRIGERATION	[1] • Remote DX refrigeration	[1] • Remote w/thermostat, solenoid & TXV
SENSOR	• None	• CPC discharge air sensor (remote)
ACCESSORIES		• Drain strainer • Night curtain, retractable, non-locking • Removable wire security cover, locking

Std Notes: 1 - Read important notes for remote options

Option Notes: 1 - Read important notes for remote options

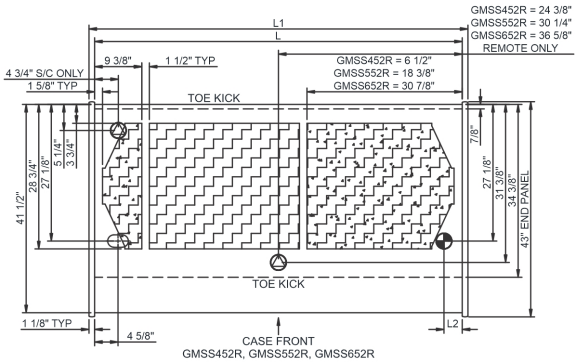
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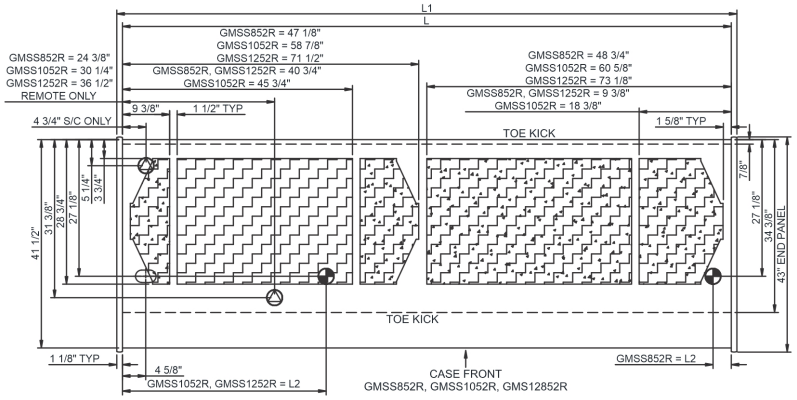
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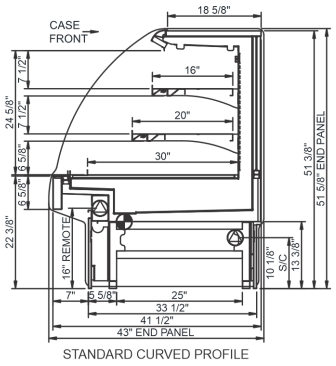
Intended Environment:	Type I - Designed to operate in ambient conditions of 75°F with 55% relative humidity unless noted otherwise in system information below.	
Zone	**Intended Product To Be Displayed**	**Warmest Avg Prod Temp ° F**
1	Packaged refrigerated products-Prechilled to Warmest Avg Prod Temp.	40

PLAN VIEW

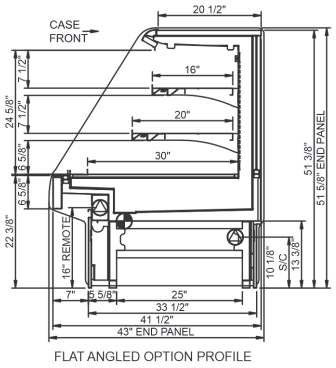




SIDE VIEW



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.

Model Technical Specifications

Model	L"	L1"	L2"	System Circuit Volts			Phs	Freq	Amps ***	Watts	Wires	NEMA Plug	SST	Conv. Rack BTUH	Para. Rack BTUH	Est Wt
GMSS452R	48.75	51.00	3.63	Remote (DX)	Circuit #1	110-120	1	60	1.40	154	2+G	Leads Multiple	20.00	3802	3520	925
				Remote (GLYCOL 35%)	Circuit #1	110-120	1	60	1.78	88	2+G	Leads Multiple	20.00	4510	4176	
GMSS552R	60.63	62.88	3.63	Remote (DX)	Circuit #1	110-120	1	60	1.54	65	2+G	Leads Multiple	20.00	4320	4000	1,050
				Remote (GLYCOL 35%)	Circuit #1	110-120	1	60	1.54	65	2+G	Leads Multiple	20.00	4320	4000	
GMSS652R	73.13	75.38	3.63	Remote (DX)	Circuit #1	110-120	1	60	2.66	243	2+G	Leads Multiple	20.00	5270	4880	1,100
				Remote (GLYCOL 35%)	Circuit #1	110-120	1	60	2.66	243	2+G	Leads Multiple	20.00	5270	4880	
GMSS852R	97.50	99.75	3.63	Remote (DX)	Circuit #1	110-120	1	60	3.03	274	2+G	Leads Multiple	20.00	6847	6340	1,500
				Remote (GLYCOL 35%)	Circuit #1	110-120	1	60	2.95	264	2+G	Leads Multiple	20.00	6847	6340	
GMSS1052R	121.13	123.38	40.50	Remote (DX)	Circuit #1	110-120	1	60	3.04	157	2+G	Leads Multiple	20.00	8791	8140	1,500
				Remote (GLYCOL 35%)	Circuit #1	110-120	1	60	3.04	157	2+G	Leads Multiple	20.00	8791	8140	
GMSS1252R	146.25	148.50	45.13	Remote (DX)	Circuit #1	110-120	1	60	3.69	430	2+G	Leads Multiple	20.00	11016	10200	1,700

*** Does not include electric defrost on freezer models.

Regulatory Approvals:	
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

DOE 2017 Energy Efficiency Compliant

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.

⚠ **WARNING:** This product can expose you to chemicals, including Urethane (Ethyl Carbamate), which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Placement of Case

Consider where the display case will be positioned relative to walls, ceilings, HVAC vents, windows, and other equipment discharging warm air.

The 5′ - 10′ - 15′ Rule

Stay 5′ away from an exterior window

Direct sunlight increases the heat load on the front of the display resulting in the refrigeration system having to work harder and possible condensation on the case.

Remain 10′ away from HVAC ceiling vents

Air blowing on the front of the display interrupts the air curtain and causes product temperatures to increase.

Minimum 4″ clearance to walls & ceilings.
Refer to spec sheets & design guide for further information.

With service display cases that have a glass front, air blowing on the front glass causes condensation to develop.

Position the display 15′ away from exterior doors

Air drafts from the front exterior doors interrupt the air curtain, allowing warm air to penetrate the inside of the display, affecting product temperature.

