

Technical Information

Fusion - GMDSV 52"H Refrigerated Service Case

Structural Concepts®

DELIVERING FRESH. ALWAYS.™

DIMENSIONS / SHIPPING				
Model	L"	L1"	L2"	Est Wt (lbs)
GMDSV3R	36.750	39.000	3.500	N/A
GMDSV4R	48.750	51.000	3.500	N/A
GMDSV5R	60.625	62.875	3.500	N/A
GMDSV6R	73.125	75.375	3.500	N/A
GMDSV8R	97.500	99.750	3.500	N/A
GMDSV10R	121.125	123.375	40.500	N/A
GMDSV12R	146.250	148.500	45.250	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
		Circuit #1	Circuit #2												
GMDSV3R	Remote (DX)	Circuit #1	110-120	1	60	1.23	15	15	81	2+G	Leads Multiple	0.70	0.31	0.14	0.08
GMDSV4R	Remote (DX)	Circuit #1	110-120	1	60	1.70	15	15	71	2+G	Leads Multiple	0.70	0.30	0.70	N/A
	Remote (GLYCOL)	Circuit #1	110-120	1	60	1.70	15	15	71	2+G	Leads Multiple	0.70	0.30	0.70	N/A
	Remote (R744 T)	Circuit #1	110-120	1	60	1.70	15	15	71	2+G	Leads Multiple	0.70	0.30	0.70	N/A
	Self-Contained (R513A)	Circuit #1	110-120	1	60	10.37	15	15	802	2+G	5-15P or L5-15P	0.70	0.87	4.80	4.00
GMDSV5R	Remote (DX)	Circuit #1	110-120	1	60	2.63	15	15	90	2+G	Leads Multiple	1.40	0.31	0.92	N/A
	Self-Contained (R513A)	Circuit #1	110-120	1	60	12.00	15	15	1,063	2+G	5-15P or L5-15P	0.70	0.87	4.88	6.20
GMDSV6R	Remote (DX)	Circuit #1	110-120	1	60	2.29	15	15	99	2+G	Leads Multiple	0.70	0.60	0.99	N/A
	Remote (R744 T)	Circuit #1	110-120	1	60	2.29	15	15	99	2+G	Leads Multiple	0.70	0.60	0.99	N/A
	Self-Contained (R513A)	Circuit #1	110-120	1	60	14.91	20	20	1,072	2+G	5-20P or L5-20P	0.70	1.86	4.25	8.10
GMDSV8R	Remote (DX)	Circuit #1	110-120	1	60	3.08	15	15	173	2+G	Leads Multiple	1.40	0.62	1.06	N/A
	Remote (GLYCOL)	Circuit #1	110-120	1	60	3.96	15	15	424	2+G	Leads Multiple	2.30	0.60	1.06	N/A
	Remote (R744 T)	Circuit #1	110-120	1	60	3.76	15	15	149	2+G	Leads Multiple	2.10	0.60	1.06	N/A
	Self-Contained (R449A)	Circuit #1	110-120	1	60	15.84	20	20	1,520	2+G	5-20P or L5-20P	1.40	1.92	5.02	7.50
GMDSV10R	Remote (DX)	Circuit #1	110-120	1	60	6.05	15	15	576	2+G	Leads Multiple	3.45	1.20	1.40	N/A
	Remote (GLYCOL)	Circuit #1	110-120	1	60	6.05	15	15	576	2+G	Leads Multiple	3.45	1.20	1.40	N/A
	Remote (R744 T)	Circuit #1	110-120	1	60	6.05	15	15	576	2+G	Leads Multiple	3.45	1.20	1.40	N/A
GMDSV12R	Remote (DX)	Circuit #1	110-120	1	60	4.62	15	15	540	2+G	Leads Multiple	3.02	0.90	0.70	N/A
	Remote (GLYCOL)	Circuit #1	110-120	1	60	4.62	15	15	540	2+G	Leads Multiple	3.02	0.90	0.70	N/A
	Remote (R744 T)	Circuit #1	110-120	1	60	4.62	15	15	540	2+G	Leads Multiple	3.02	0.90	0.70	N/A
	Self-Contained (R449A)-Type I Env	Circuit #1	110-120	1	60	15.93	20	20	1,661	2+G	5-20P or L5-20P	2.80	2.32	5.21	5.60

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)	
GMDSV3R	All	Refrigerator	Remote-DX	Type I	20	929	860	4.00	30.00	N/A	N/A	N/A	N/A	N/A
GMDSV4R	All	Refrigerator	Remote-DX	Type I	20	1,296	1,200	4.00	30.00	N/A	N/A	N/A	N/A	N/A
	All	Refrigerator	Remote-Glycol	Type I	N/A	1,296	1,200	4.00	45.00	0.35	1.37	35%	20.00	
	All	Main	Self-Contained-R513A	Type I	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	All	Refrigerator	Remote-R744 TRANSCRITICAL	Type I	20	1,296	1,200	4.00	30.00	N/A	N/A	N/A	N/A	
GMDSV5R	All	Refrigerator	Remote-DX	Type I	20	1,706	1,580	4.00	30.00	N/A	N/A	N/A	N/A	
	All	Refrigerator	Self-Contained-R513A	Type I	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GMDSV6R	All	Refrigerator	Remote-DX	Type I	20	2,030	1,880	4.00	30.00	N/A	N/A	N/A	N/A	
	All	Refrigerator	Self-Contained-R513A	Type I	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	All	Refrigerator	Remote-R744 TRANSCRITICAL	Type I	20	2,030	1,880	4.00	30.00	N/A	N/A	N/A	N/A	
GMDSV8R	All	Refrigerator	Remote-DX	Type I	20	2,722	2,520	4.00	30.00	N/A	N/A	N/A	N/A	
	All	Refrigerator	Remote-Glycol	Type I	N/A	2,722	2,520	4.00	45.00	0.60	1.42	35%	20.00	
	All	Refrigerator	Self-Contained-R449A	Type I	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	All	Refrigerator	Remote-R744 TRANSCRITICAL	Type I	20	2,722	2,520	4.00	30.00	N/A	N/A	N/A	N/A	
GMDSV10R	All	Main	Remote-DX	Type I	20	2,916	2,700	4.00	30.00	N/A	N/A	N/A	N/A	
	All	Main	Remote-Glycol	Type I	N/A	2,916	2,700	4.00	45.00	1.00	1.35	35%	20.00	
	All	Main	Remote-R744 TRANSCRITICAL	Type I	20	2,916	2,700	4.00	30.00	N/A	N/A	N/A	N/A	
GMDSV12R	All	Refrigerator	Remote-DX	Type I	20	3,672	3,400	4.00	30.00	N/A	N/A	N/A	N/A	
	All	Refrigerator	Remote-Glycol	Type I	N/A	3,672	3,400	4.00	25.00	1.05	1.78	35%	20.00	
	All	Main	Self-Contained-R449A-Type I Env	Type I	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	All	Refrigerator	Remote-R744 TRANSCRITICAL	Type I	20	3,672	3,400	4.00	30.00	N/A	N/A	N/A	N/A	

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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	38-40	Unpackaged refrigerated products

IMPORTANT NOTES

- 1) Units must be shimmed during installation to ensure the unit is level and plumb.
- 2) Compressor air rear intake, front discharge. Toe kick cannot be blocked.
- 3) Condensate pan with self-contained refrig. only.
- 4) Remote doesn't incl Conds unit. Floor drain reqd.
- 5) Remote only available w/rail base w/shims.

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
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In Accordance with
AHRI Std 1200

NOTE: ALL DIMENSIONS APPROXIMATE

ELECTRICAL JUNCTION BOX (SUPPLIED WITH 6" LEADS OR POWER CORD).
 LOCATION OF DRAIN TUBE FOR REMOTE REF. ONLY (SUPPLIED WITH 3/4" OR 1 1/2" PVC TUBE).

REFRIGERATION LINE CONNECTION.
 REMOTE FLOOR SINK & UTILITIES ACCESS AREA.

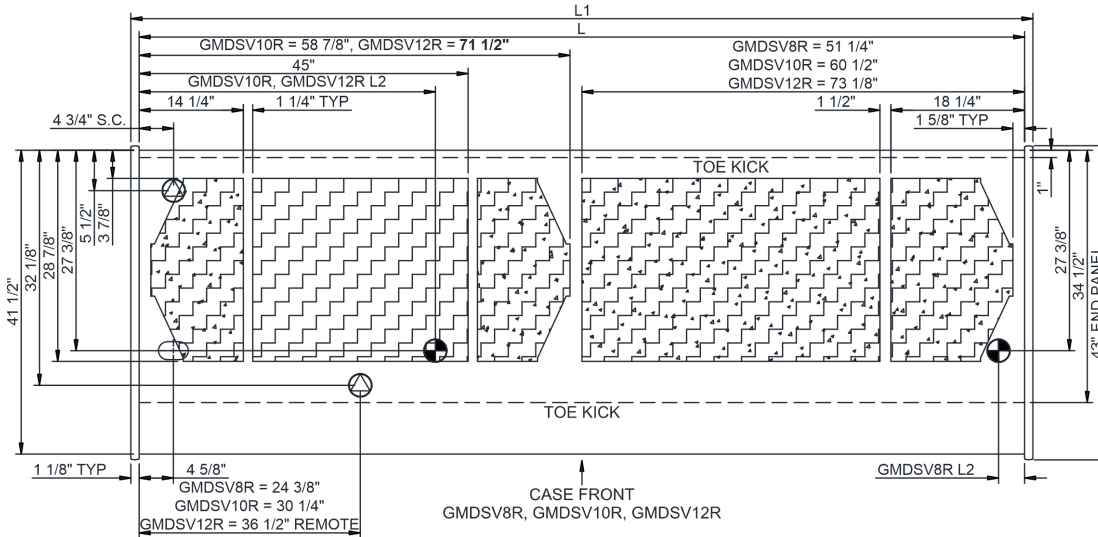
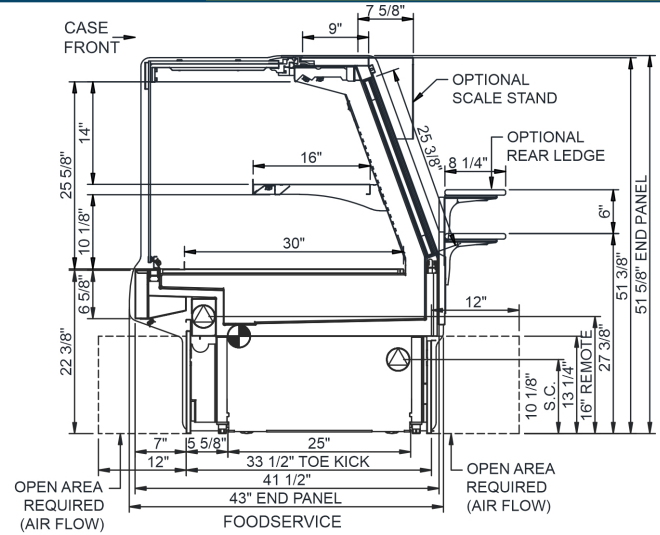
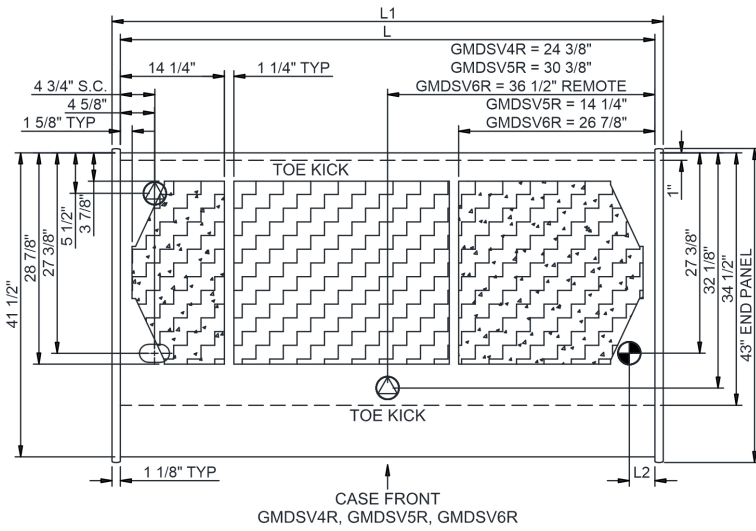
SELF-CONTAINED CASE SERVICE ACCESS AREA.
 DRY CASE SERVICE ACCESS AREA.

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