

Technical Information

Fusion - GMGV 52"H Refrigerated Service Case

Structural Concepts®

DELIVERING FRESH. ALWAYS.™

DIMENSIONS / SHIPPING

Model	L"	L1"	L2"	Est Wt (lbs)
GMGV4	48.750	51.000	13.375	N/A
GMGV5	60.625	62.875	13.375	N/A
GMGV6	73.125	75.375	16.625	N/A
GMGV8	97.500	99.750	35.625	N/A
GMGV12	146.250	148.500	57.875	N/A

ELECTRICAL

Model	System Circuit Volts	Circuit #1	110-120	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
GMGV4	Remote Blower (DX)-Type I Env	Circuit #1	110-120	1	60	1.79	15	15	63	2+G	Leads Multiple	0.70	0.31	0.70	0.08
	Remote Gravity (DX)-Type I Env	Circuit #1	110-120	1	60	1.48	15	15	22	2+G	Leads Multiple	0.70		0.70	0.08
	Self-Contained (R513A)-Type I Env	Circuit #1	110-120	1	60	10.12	20	20	758	2+G	5-20P or L5-20P	0.70	0.56	4.66	4.20
	Self-Contained (R513A)-Type I Env	Circuit #1	110-120	1	60	10.43	20	20	785	2+G	5-20P or L5-20P	0.70	0.87	4.66	4.20
GMGV5	Remote Blower (DX)-Type I Env	Circuit #1	110-120	1	60	1.79	15	15	68	2+G	Leads Multiple	0.70	0.31	0.70	0.08
	Remote Gravity (DX)-Type I Env	Circuit #1	110-120	1	60	1.48	15	15	25	2+G	Leads Multiple	0.70		0.70	0.08
	Self-Contained (R513A)-Type I Env	Circuit #1	110-120	1	60	10.23	20	20	792	2+G	5-20P or L5-20P	0.70	0.87	4.66	4.00
	Self-Contained (R513A)-Type I Env	Circuit #1	110-120	1	60	9.92	20	20	764	2+G	5-20P or L5-20P	0.70	0.56	4.66	4.00
GMGV6	Remote Blower (DX)	Circuit #1	110-120	1	60	2.10	15	15	108	2+G	Leads Multiple	0.70	0.62	0.70	0.08
	Remote Gravity (DX)	Circuit #1	110-120	1	60	1.48	15	15	47	2+G	Leads Multiple	0.70		0.70	0.08
	Self-Contained (R513A)	Circuit #1	110-120	1	60	9.92	20	20	753	2+G	5-20P or L5-20P	0.70	0.56	4.66	4.00
	Self-Contained (R513A)	Circuit #1	110-120	1	60	10.23	20	20	791	2+G	5-20P or L5-20P	0.70	0.87	4.66	4.00
GMGV8	Remote Blower (DX)	Circuit #1	110-120	1	60	3.42	15	15	156	2+G	Leads Multiple	2.10	0.62	0.70	N/A
	Remote Blower (DX)	Circuit #1	110-120	1	60	1.40	15	15	42	2+G	Leads Multiple	0.70		0.70	N/A
	Remote Blower (R744 T)	Circuit #1	110-120	1	60	2.72	15	15	114	2+G	Leads Multiple	1.40	0.62	0.70	N/A
	Self-Contained (R513A)	Circuit #1	110-120	1	60	16.00	20	20	1,071	2+G	5-20P or L5-20P	1.40	1.18	5.36	8.10
	Self-Contained (R513A)	Circuit #1	110-120	1	60	11.46	20	20	562	2+G	5-20P or L5-20P	2.10	0.56	0.70	8.10
GMGV12	Remote Blower (DX)	Circuit #1	110-120	1	60	4.43	15	15	268	2+G	Leads Multiple	2.80	0.93	0.70	N/A
	Remote Blower (R744 T)	Circuit #1	110-120	1	60	3.73	15	15	171	2+G	Leads Multiple	2.10	0.93	0.70	N/A
	Remote Gravity (DX)	Circuit #1	110-120	1	60	1.40	15	15	21	2+G	Leads Multiple	0.70		0.70	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)
GMGV4	All	Main	Remote Blower-DX-Type I Env	Type I	20	1,274	1,180	8.00	40.00	N/A	N/A	N/A	N/A
	All	Main	Self-Contained-R513A-Type I Env	Type I	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	All	Main	Remote Gravity-DX-Type I Env	Type I	20	1,274	1,180	24.00	90.00	N/A	N/A	N/A	N/A
GMGV5	All	Main	Self-Contained-R513A-Type I Env	Type I	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	All	Main	Remote Blower-DX-Type I Env	Type I	20	1,521	1,408	8.00	40.00	N/A	N/A	N/A	N/A
	All	Main	Remote Gravity-DX-Type I Env	Type I	20	1,521	1,408	24.00	90.00	N/A	N/A	N/A	N/A
GMGV6	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 Blower-DX	Type I	20	1,793	1,660	8.00	40.00	N/A	N/A	N/A	N/A
	All	Refrigerator	Remote Gravity-DX	Type I	20	1,793	1,660	8.00	40.00	N/A	N/A	N/A	N/A
GMGV8	All	Main	Remote Blower-DX	Type I	20	2,333	2,160	8.00	40.00	N/A	N/A	N/A	N/A
	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	Main	Remote Blower-DX	Type I	20	2,333	2,160	24.00	90.00	N/A	N/A	N/A	N/A
	All	Main	Remote Blower-R744 TRANSCRITICAL	Type I	20	2,333	2,160	8.00	40.00	N/A	N/A	N/A	N/A
GMGV12	All	Main	Remote Blower-DX	Type I	20	3,828	3,544	8.00	40.00	N/A	N/A	N/A	N/A
	All	Main	Remote Gravity-DX	Type I	20	3,828	3,544	24.00	90.00	N/A	N/A	N/A	N/A
	All	Main	Remote Blower-R744 TRANSCRITICAL	Type I	20	3,828	3,544	8.00	40.00	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	Unpackaged 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.

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.

