Technical Information

Fusion - GMDSV 52"H Refrigerated Service Case Remote

Structural Concepts®
DELIVERING FRESH. ALWAYS.™

DIMENSIONS / SHIPPING

Model	L"	L1"	L2"	Est Wt (lbs)
GMDSV4R	48.750	51.000	3.500	950
GMDSV5R	60.625	62.875	3.500	1,150
GMDSV6R	73.125	75.375	3.500	1,250
GMDSV8R	97.500	99.750	3.500	1,575
GMDSV10R	121.125	123.375	40.500	1,600
GMDSV12R	146.250	148.500	45.250	1,750

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
GMDSV4R	Remote (DX)	Circuit #1	110-120	1	60	1.70	15	15	56	2+G	Leads Multiple	0.70	0.30	0.70	N/A
	Remote (GLYCOL)	Circuit #1	110-120	1	60	1.70	15	15	56	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	56	2+G	Leads Multiple	0.70	0.30	0.70	N/A
GMDSV5R	Remote (DX)	Circuit #1	110-120	1	60	2.63	15	15	89	2+G	Leads Multiple	1.40	0.31	0.92	N/A
GMDSV6R	Remote (DX)	Circuit #1	110-120	1	60	2.29	15	15	96	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	96	2+G	Leads Multiple	0.70	0.60	0.99	N/A
GMDSV8R	Remote (DX)	Circuit #1	110-120	1	60	3.08	15	15	171	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	148	2+G	Leads Multiple	2.10	0.60	1.06	N/A
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

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)
GMDSV4R	All	Refrigerator	Remote-DX	Type I	20	1,296	1,200	4.00	30.00	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	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
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	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	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	Refrigerator	Remote-R744 TRANSCRITICAL	Type I	20	3,672	3,400	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	38-40	Unpackaged refrigerated products-Prechilled to Warmest Avg Prod Temp.

IMPORTANT NOTES

1) REMOTE REFRIGERATION NOTE: Condensing unit not included, floor drain required.
2) Units must be shimmed during installation to ensure the unit is level and plumb.
3) Compressor air rear intake, front discharge. Toe kick cannot be blocked.
4) Condensate pan with self-contained refrig. only.
5) Remote doesn't incl Conds unit. Floor drain reqd.
6) 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

In Accordance with
AHRI Std 1200

NOTE: ALL DIMENSIONS APPROXIMATE

ELECTRICAL JUNCTION BOX (SUPPLIED WITH 6" LEADS OR POWER CORD).

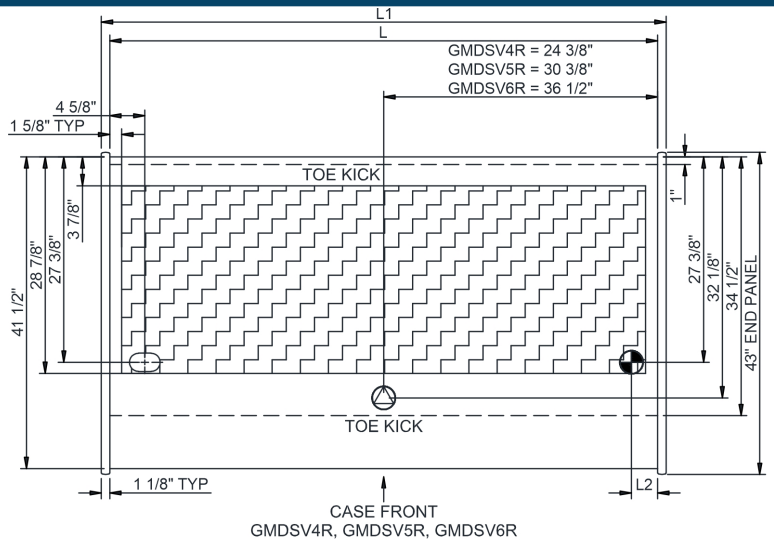
LOCATION OF DRAIN TUBE FOR REMOTE REF. ONLY (SUPPLIED WITH $\frac{3}{4}$" OR $1\frac{1}{2}$" PVC TUBE).

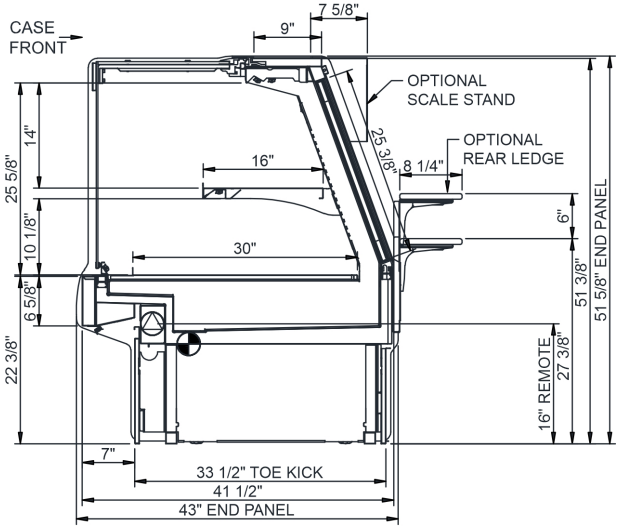
REFRIGERATION LINE CONNECTION.

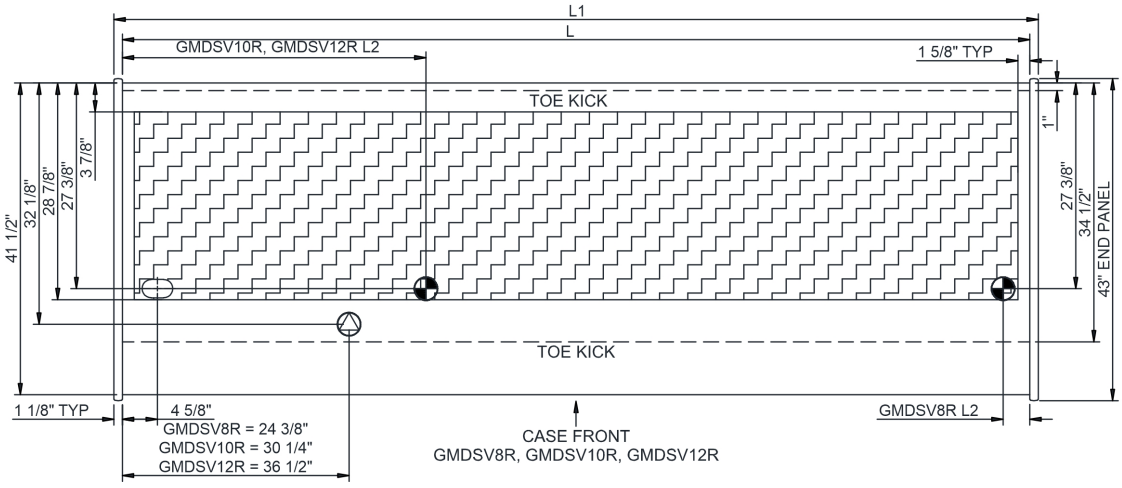
REMOTE FLOOR SINK & UTILITIES ACCESS AREA.

SELF-CONTAINED CASE SERVICE ACCESS AREA.

DRY CASE SERVICE ACCESS AREA.







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- REFRIGERATION LINE CONNECTION.
- REMOTE FLOOR SINK & UTILITIES ACCESS AREA.
- SELF-CONTAINED CASE SERVICE ACCESS AREA.
- DRY CASE SERVICE ACCESS AREA.