Technical Information

Harmony - Refrigerated Self-Service Case

Structural Concepts®
DELIVERING FRESH. ALWAYS.™

DIMENSIONS / SHIPPING

Model	L"	L1"	L2"	Est Wt (lbs)
HMO2653R	24.750	27.000	0.000	650
HMO3953R	36.750	39.000	0.000	800
HMO5153R	48.750	51.000	0.000	900
HMO6353R	60.625	62.875	0.000	1,100

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
HMO2653R	Remote (DX)	Circuit #1	110-120	1	60	1.11	15	15	116	2+G	Leads Multiple	1	0.30	0.28	N/A
	Self-Contained (R290)	Circuit #1	110-120	1	60	15.12	20	20	1,601	2+G	5-20P or L5-20P	1	0.45	4.05	9.50
HMO3953R	Remote (DX)	Circuit #1	110-120	1	60	1.20	15	15	131	2+G	Leads Multiple	1	0.30	0.14	N/A
	Self-Contained (R290)	Circuit #1	110-120	1	60	15.17	20	20	1,607	2+G	5-20P or L5-20P	1	0.45	4.10	9.50
HMO5153R	Remote (DX)	Circuit #1	110-120	1	60	2.03	15	15	210	2+G	Leads Multiple	1	0.60	0.36	0.08
	Self-Contained (R290)	Circuit #1	110-120	1	60	15.66	20	20	1,633	2+G	5-20P or L5-20P	1	0.90	4.14	9.50
HMO6353R	Remote (DX)	Circuit #1	110-120	1	60	1.90	15	15	107	2+G	Leads Multiple	1	0.90	0.22	0.08
	Self-Contained (R290)	Circuit #1	208-240	1	60	16.00	20	20	2,884	2+G	6-20P or L6-20P	1	0.44	3.52	13.00

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)
HMO2653R	All	Main	Remote-DX	Type I	24	2,566	2,376	4.00	25.00	N/A	N/A	N/A	N/A
	All	Main	Self-Contained-R290	Type I	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HMO3953R	All	Main	Remote-DX	Type I	24	3,758	3,480	4.00	25.00	N/A	N/A	N/A	N/A
	All	Main	Self-Contained-R290	Type I	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HMO5153R	All	Main	Remote-DX	Type I	24	4,730	4,380	4.00	30.00	N/A	N/A	N/A	N/A
	All	Main	Self-Contained-R290	Type I	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HMO6353R	All	Main	Remote-DX	Type I	20	5,702	5,280	4.00	30.00	N/A	N/A	N/A	N/A
	All	Main	Self-Contained-R290	Type I	N/A	N/A	N/A	N/A	N/A	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.

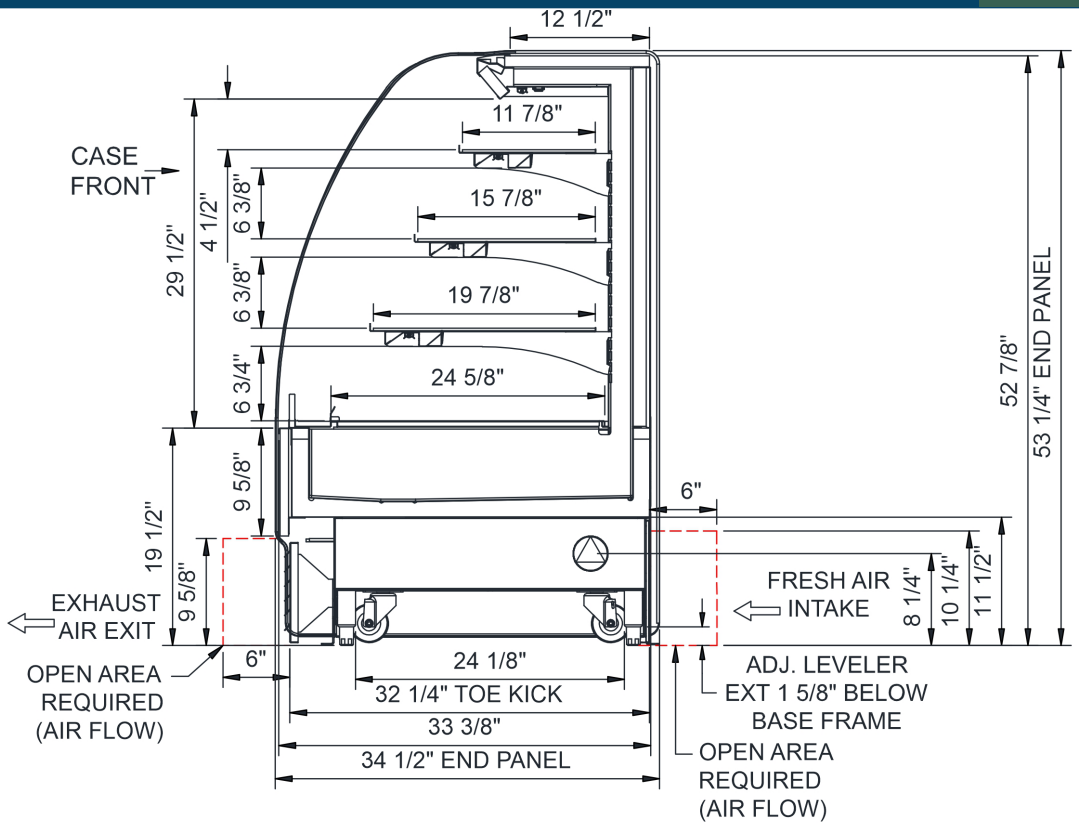
IMPORTANT NOTES

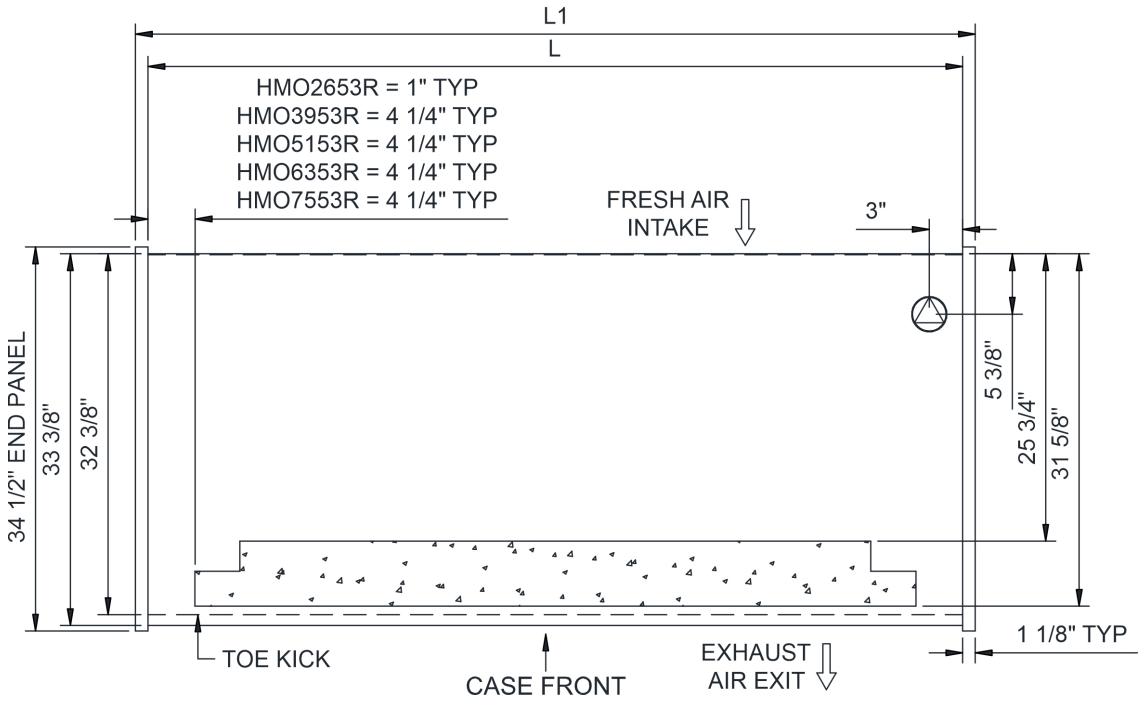
1) REMOTE REFRIGERATION NOTE: Condensing unit not included, floor drain required.
2) ELECTRICAL NOTE: If GFCI is required, a GFCI breaker MUST be used in lieu of a GFCI receptacle
3) Units are supplied with levelers. They must be adjusted during installation to ensure the unit is level and plum.
4) 35" Minimum door entry clearance required (without shipping skid).
5) Compressor air rear intake, front discharge. Toe kick cannot be blocked.

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.