

CHROMATOGRAPHY REFRIGERATOR

SLIDING DOORS



EMGR48C

LAB Series



Refrigeration System

- Bottom mounted, self-contained and fully detachable Blizzard R290 condensing unit uses environmentally friendly, EPA-compliant R290 refrigerant with zero (0) Ozone Depletion Potential (ODP) and three (3) Global Warming Potential (GWP). Blizzard R290 is easily replaceable and requires no on-site brazing.
- Electronically commutated (ECM) fan motors achieve rapid cooling with less energy consumption.
- Full-length air duct ensures optimal cold air distribution (except EMGR5(B)).
- Air circulation guard keeps floor vents from obstruction (except EMGR5(B)).
- Time-initiated and temperature-terminated auto defrost cycle for seamless operation.
- Large capacity, corrosion-resistant condenser and evaporator coils.
- Self-maintaining, energy-efficient condensate drain pan requires no external drains or electric heaters.
- High performance, auto-reverse condenser fan motor supports compressor ventilation and condenser coil cleaning.
- Pre-wired and ready to plug, 115V/60Hz/1Ph, NEMA 5-15P.

Cabinet Construction

- Heavy duty white coated steel interior / exterior.
- Open spaced interior with no walls between compartments.
- Stainless steel floor interior has rounded corners and detachable drain plug for ease of cleaning.
- 2.5" thick high density polyurethane insulation.
- Four height adjustable screw legs.

Lighting

- Shielded LED bar lighting with on/off switch provides bright, high color illumination at lower heat output.

Doors

- Low emissivity double glass panes reflect UV rays for efficient cooling.
- Black PVC door frames.
- Self-closing with heavy duty door bumpers for impact absorption.
- Removable doors and stainless steel door tracks make cleaning an easy process.

Shelving

- Four epoxy coated, steel wire shelves with airflow guard per section.
- Height adjustable stainless steel clips.

Chromatography Features

- Two access ports (one on each side wall) for running lines or cords. Includes heavy duty covers with lockable tabs.
- Duplex GFCI electrical outlet inside cabinet interior provides power for stirring devices and other equipment. Includes water proof cover.

Temperature Control

- Multi-function digital controller with easy to read LED display.
- Factory preset temperature, 35°F. Temperature setting range from 33°F to 54°F.
- Audible overheat protection alarm for compressor and condenser coil.

Options

- Additional shelving.
- 5" or 3" swivel casters with locks on front set.
- 3.5" – 6" height-adjustable and interchangeable legs.



Type	Doors	Capacity Cu. Ft.	# of Pans (Top)	# of Pans (Drawer)	Shelves	Refrigerant	HP	Power V-Hz-Ph	Amps	Crated Weight	Exterior Dimensions		
											L	D	H*
REF	2	48	-	-	8	R-290	1/2	115-60-1	6	535 lbs	53.125"	30.75"	80.125"

(†)Based on evaporating temperature of 23°F (-5°C) & condensing temperature of 131°F (55°C). (P) Product capacity is calculated based on standard industry figures. (*) Reference plan view for clarification on caster/unit height. If dimensions and capacity are critical, please contact Everest Refrigeration. Blizzard R290 replacement is at the sole discretion of Everest Refrigeration. Specifications subject to change without notice.

CHROMATOGRAPHY REFRIGERATOR SLIDING DOORS



EMGR48C

LAB Series

DIMENSIONAL DATA

External Dims.	L	53.125 in.
	D	30.75 in.
	H*	80.125 in.
Crated Weight		535 lbs.
Doors/Drawers/Lids		2
Max Weight Support		-

STORAGE DATA

Net Capacity Cu. Ft. (†)	48
Shelves	8
Barrels	-
20 oz. Bottles	-
12 oz. Bottles	-
12 oz. Cans	-
8" Mugs	-
# of Pans (Top)	-
# of Pans (Drawer)	-
Dividers	-
Trays	-

ELECTRICAL DATA

Voltage	115-60-1
Full Load Amperage	6A
Feed Wires w/ Ground	3
Cord Length	9ft
NEMA Plug Type	(i) NEMA 5-15P

REFRIGERATION DATA

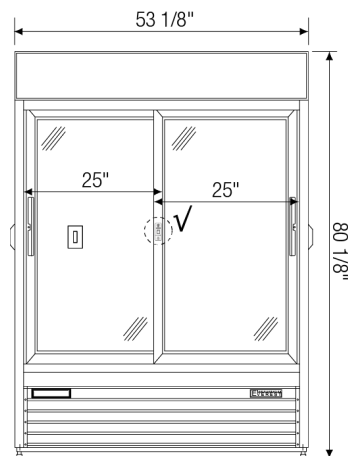
Compressor	Bottom
Refrigerant	R-290
Compressor HP	1/2
BTU/HR†	3563

KEY

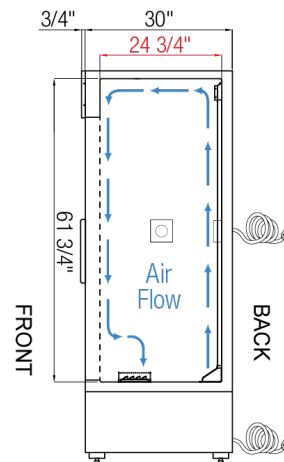
D	Door	R	Refrigerator
L	Lid	REF	Refrigerator
H	Half Door	F	Freezer
FD	Full Door	FRZ	Freezer
SD	Solid Door	DUAL	REF/FRZ Combo
GD	Glass Door	DR	Drawer

	Elevation	Right	Plan	3D	Back

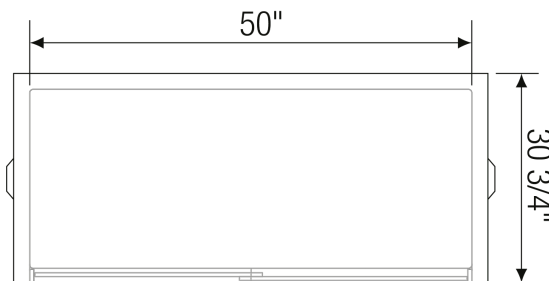
PLAN VIEW



FRONT



SIDE



TOP

ACCESSORIES & OPTIONS

- ☐ Additional Shelving - Contact Everest Refrigeration for more information.
- ☐ AJL03-00 - Interchangeable Leg for Caster (Optional)
- ☐ CASA3-01 - 3" Overall Height Caster Assembly - (2) Front (2) Rear
- ☐ CASA5-01 - 5" Overall Height Caster Assembly - (2) Front (2) Rear

(†) Based on evaporating temperature of 23°F (-5°C) & condensing temperature of 131°F (55°C). (‡) Product capacity is calculated based on standard industry figures. (*) Reference plan view for clarification on caster/unit height. If dimensions and capacity are critical, please contact Everest Refrigeration. Blizzard R290 replacement is at the sole discretion of Everest Refrigeration. Specifications subject to change without notice.