

CHROMATOGRAPHY REFRIGERATORS

Sliding Doors

EM - Series • EMGR33C • EMGR48C • EMGR69C



▲ EMGR33C



▲ EMGR48C



▲ EMGR69C

Cabinet Construction

- Heavy duty white coated steel interior / exterior.
- 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 (six legs for models EMGR69C).

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 system ensures optimal distribution of cold air.
- 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. Refer to owner's manual for full maintenance instructions.
- Pre-wired and ready to plug, 115V/60Hz/1Ph, NEMA 5-15P.

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.

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.

Chromatography Features

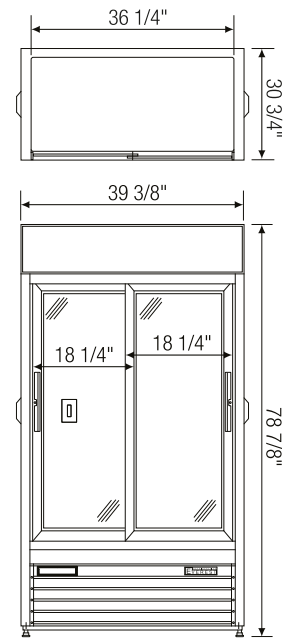
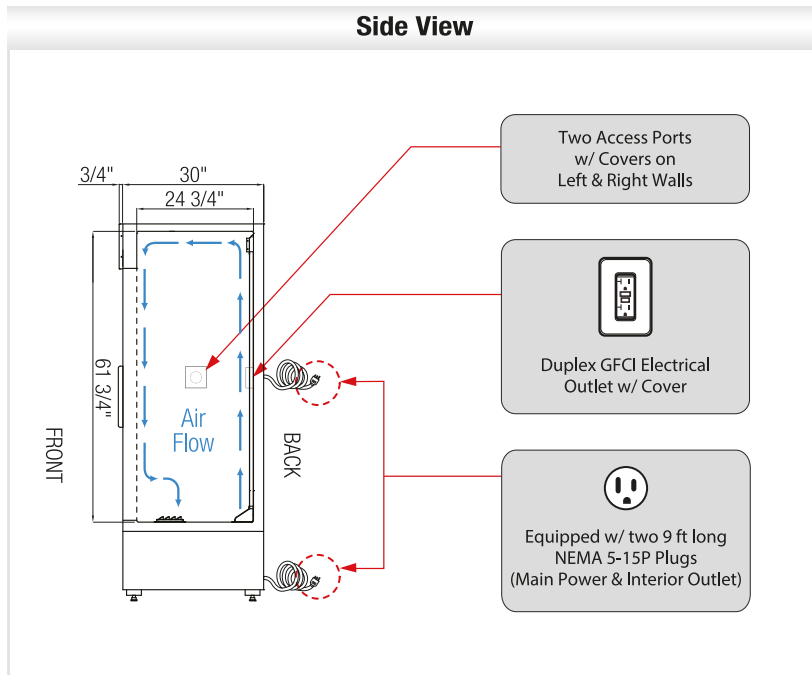
- Two access ports (one on each side wall) for running lines or cords. Includes heavy duty covers with lockable tabs.
- Duplex GFCI electrical outlet inside cabinet interior provides power for stirring devices and other equipment. Includes water proof cover.

Options

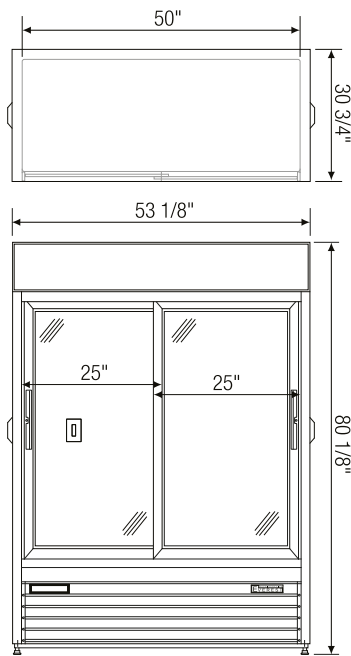
- Additional shelving.
- 5" or 3" swivel casters with locks on front set.
- 3.5" – 6" height-adjustable and interchangeable legs.



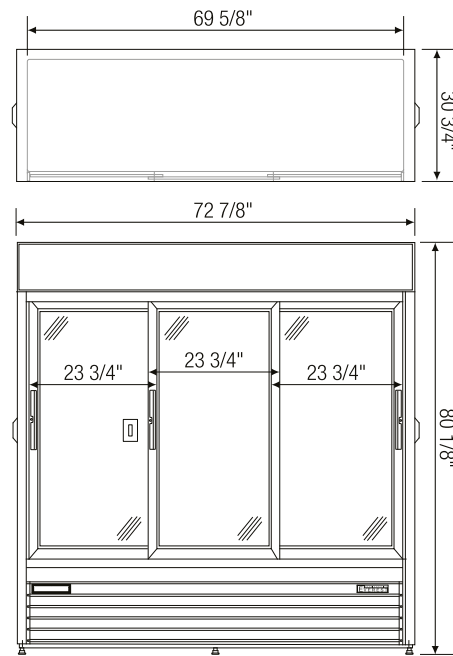
Dimensions



▲ EMGR33C



▲ EMGR48C



▲ EMGR69C

Model	Ref/ Frz/ Dual	# of Doors	Capacity (Cu. Ft.)	HP	BTU/HR [†]	Refrigerant	# of Shelves	Power (V-Hz-Ph)	Amps	Crated Weight (LBS)	Exterior Dimensions (Inches)		
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EMGR33C	Ref	2 (sliding)	33	1/3	2,311	R290	8	115-60-1	2.5	418	39 3/8	30 3/4	80 1/8
EMGR48C	Ref	2 (sliding)	48	1/2	3,563	R290	8	115-60-1	5.5	535	53 1/8	30 3/4	80 1/8
EMGR69C	Ref	3 (sliding)	69	3/4	4,445	R290	12	115-60-1	7	687	72 7/8	30 3/4	80 1/8

*: Exterior length does not include protruding access ports.

†: Based on evaporating temperature of 23°F (-5°C) & condensing temperature of 131°F (55°C).

Ref = Refrigerator

Specifications subject to change without notice.

Product dimensions are for general purposes and not absolute value. Product capacity (†) is calculated based on standard industry figures. Slight variations may exist. If dimensions and capacity are critical, please contact Everest Refrigeration.



Please visit our website for updated Energy Efficiency information.