Chromatography Refrigerators

SLIDING DOORS (LAB SERIES)

EMGR33C

EMGR48C

EMGR69C

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 (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 ensures optimal cold air distribution.
- Air circulation guard keeps floor vents from obstruction.
- 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.

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 frames.
- Self-closing with heavy duty door bumpers for impact absorption.
- Removable doors and door tracks for ease of cleaning.
- Pre-installed locks keep your items safe from theft.

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. Temp-set range from 33°F to 54°F.
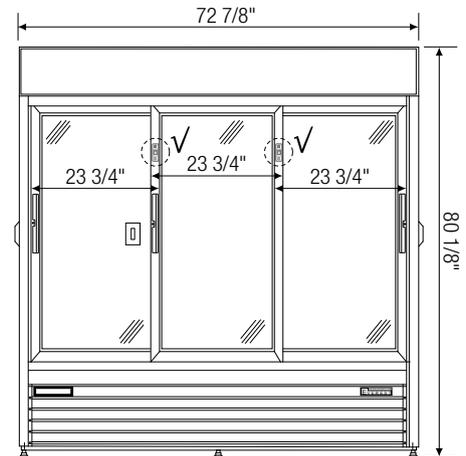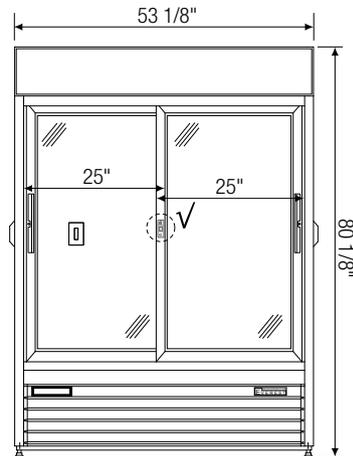- Audible overheat protection alarm for compressor and condenser coil.
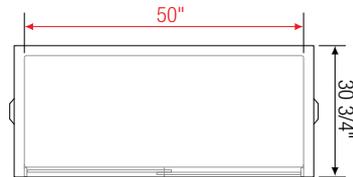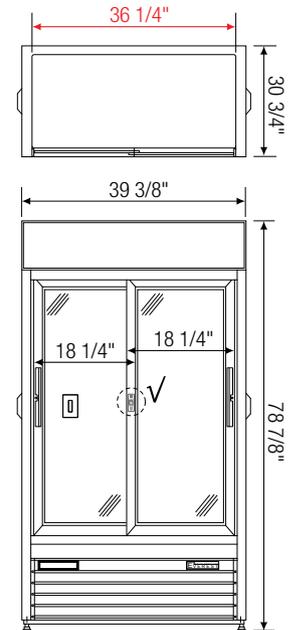
Chromatography Features

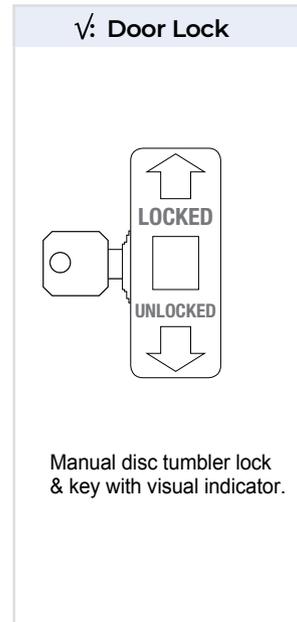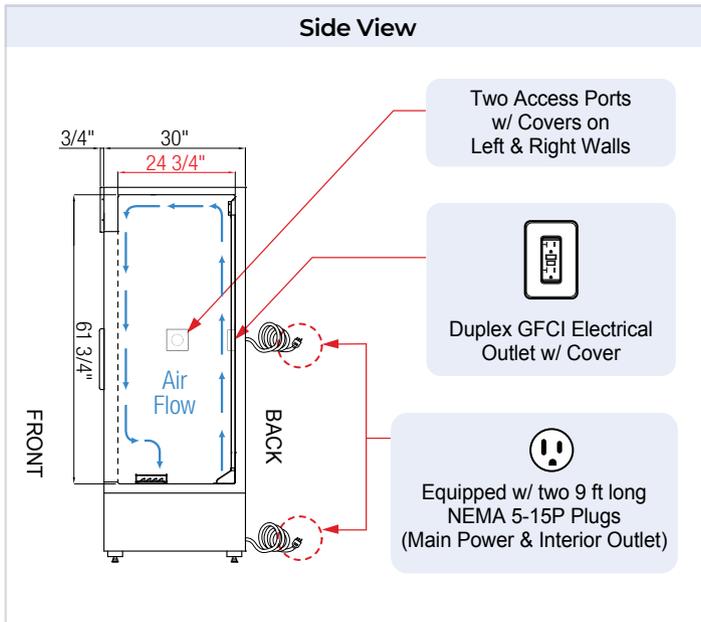- Two access ports (one on each side wall) for running lines or cords. Includes heavy duty covers with lockable tabs.
- Duplex GFCI electrical outlet inside cabinet interior provides power for stirring devices and other equipment. Includes water proof cover.

Options

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

Side View

Two Access Ports w/ Covers on Left & Right Walls

3/4"   30"
24 3/4"

61 3/4"

Air Flow

FRONT   BACK

Duplex GFCI Electrical Outlet w/ Cover

Equipped w/ two 9 ft long NEMA 5-15P Plugs (Main Power & Interior Outlet)

√: Door Lock

LOCKED

UNLOCKED

Manual disc tumbler lock & key with visual indicator.

36 1/4"
30 3/4"

39 3/8"

18 1/4"   18 1/4"
√

78 7/8"

EMGR33C

50"
30 3/4"

53 1/8"

25"   25"
√

80 1/8"

EMGR48C

69 5/8"
30 3/4"

72 7/8"

23 3/4" √ 23 3/4" √ 23 3/4"

80 1/8"

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)		
											L*	D	H
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	6	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.