

# CHROMATOGRAPHY REFRIGERATOR

## Swing Doors

Project Name: \_\_\_\_\_

Project Location: \_\_\_\_\_

Model #: \_\_\_\_\_ Quantity: \_\_\_\_\_

Available Warehouse: \_\_\_\_\_

**EM Series**

**Model: EMGR24C**



**Operating temperature range is 33°F ~ 54°F**



**5 YEAR Compressor  
3 YEAR Parts & Labor**



Please visit our website for updated Energy Efficiency information

### 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.

### 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.

### 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 adjustable torsion system for a positive seal.
- Snap-in magnetic door gasket make cleaning and replacement an easy process.
- High strength, die-cast door handles.

### 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.

| Ref/<br>Frz/Dual | Doors | Capacity<br>Cu. Ft. | Shelves | Refrigerant | HP  | Power<br>V-Hz-Ph | Amps | Crated<br>Weight   | Exterior Dimensions |                |                     |
|------------------|-------|---------------------|---------|-------------|-----|------------------|------|--------------------|---------------------|----------------|---------------------|
|                  |       |                     |         |             |     |                  |      |                    | L                   | D              | H*                  |
| REF              | 1     | 25                  | 4       | R-290       | 1/3 | 115-60-1         | 2.5  | 334 lbs<br>(151kg) | 28.375"<br>(721mm)  | 32"<br>(813mm) | 80.125"<br>(2035mm) |

(†)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.

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**EM Series**

**Model: EMGR24C**

### DIMENSIONAL DATA

|                          |    |                  |
|--------------------------|----|------------------|
| External Dimensions      | L  | 28.375" (721mm)  |
|                          | D  | 32" (813mm)      |
|                          | H* | 80.125" (2035mm) |
| Crated Weight            |    | 334 lbs. (151kg) |
| Doors/Drawers/Lids       |    | 1                |
| Max Weight Support (LBS) |    | -                |

### STORAGE DATA

|                                   |    |
|-----------------------------------|----|
| Net Capacity Cu. Ft. <sup>†</sup> | 25 |
| Shelves                           | 4  |
| 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     | 2.5                                                                                            |
| Feed Wires with Ground | 3                                                                                              |
| Cord Length            | 9ft                                                                                            |
| NEMA Plug Type         |  NEMA 5-15P |

### REFRIGERATION DATA

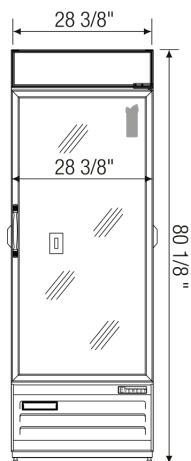
|                     |        |
|---------------------|--------|
| Compressor Mounting | Bottom |
| Refrigerant         | R-290  |
| Compressor HP       | 1/3    |
| BTU/HR <sup>†</sup> | 2311   |

### KEY

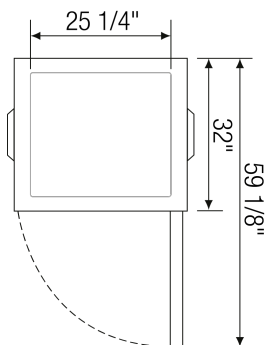
|             |               |           |            |
|-------------|---------------|-----------|------------|
| <b>R</b>    | Refrigerator  | <b>D</b>  | Door       |
| <b>REF</b>  | Refrigerator  | <b>L</b>  | Lid        |
| <b>F</b>    | Freezer       | <b>H</b>  | Half Door  |
| <b>FRZ</b>  |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

|  | Elevation | Right | Plan | 3D | Back |
|------------------------------------------------------------------------------------|-----------|-------|------|----|------|
|                                                                                    |           |       |      |    |      |

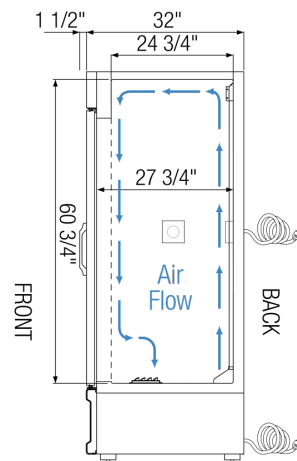
### PLAN VIEW



**FRONT**



**TOP**



**SIDE**

### ACCESSORIES & OPTIONS

| Part Number                | Description                                            |
|----------------------------|--------------------------------------------------------|
| <b>Additional Shelving</b> | Contact Everest Refrigeration for more information.    |
| <b>AJL03-00</b>            | Interchangeable Leg for Caster                         |
| <b>CASA3-01</b>            | 3" Overall Height Caster Assembly - (2) Front (2) Rear |
| <b>CASA5-01</b>            | 5" Overall Height Caster Assembly - (2) Front (2) Rear |

(<sup>†</sup>) Based on evaporating temperature of 23°F (-5°C) & condensing temperature of 131°F (55°C). (<sup>‡</sup>) 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.