

LAB Series Model: EBWR1-LAB



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.
- Inverter compressor offer consistent cooling, accurate temperature control, and up to 20% less energy usage.
- Electronically commutated (ECM) fan motors achieve rapid cooling with less energy consumption.
- Glycol-filled temperature probe ensures accurate temperature readings.
- Full-length air duct and airflow guard ensure optimal cold air circulation.
- 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.
- Pressure relief devices allow rapid cabinet re-entry.
- Pre-wired and ready to plug, 115V/60Hz/1Ph, NEMA 5-15P.

Cabinet Construction

- Heavy duty stainless steel interior / exterior with rounded corners for a hazard-free workspace.
- Open spaced interior with no walls between compartments.
- Galvanized steel top, bottom and rear.
- 2.5" thick high density polyurethane insulation.
- Deeper cabinet interior for more storage options.
- Four 5" swivel casters with locks on front set.
- Leg stabilizers standard for all models (does not apply to ETBR1-LAB).

Lighting

- Energy efficient silicone coated and shatter-proof LED lighting provides bright, high color illumination with low heat output.

Doors

- Pre-installed electronic keypad lock with auto-lock feature.
- Stainless steel or double glass pane doors.
- 2.5" thick high density polyurethane insulation.
- Frame heaters prevent exterior moisture build up.
- Self-closing with adjustable torsion system for a positive seal.
- Snap-in magnetic gasket for ease of cleaning.
- High strength, recessed handles.
- Field reversible.

Shelving

- Three epoxy coated, steel wire shelves 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 32°F to 54°F.
- Audible overheat protection alarm for compressor and condenser coil.

Options

- WiFi Data Logger.
- Additional shelving.
- 3" swivel casters with locks.
- 3.5" – 6" height-adjustable and interchangeable legs.
- Left hinged door.



Please visit our website for updated Energy Efficiency information

| Ref/ Frz/Dual | Doors | Capacity Cu. Ft. | Shelves | Refrigerant | HP | Power V-Hz-Ph | Amps | Crated Weight | Exterior Dimensions | | |
|------------------|-------|---------------------|---------|-------------|-----|------------------|------|--------------------|---------------------|-------------------|-----------------|
| | | | | | | | | | L | D | H* |
| REF | 1 | 23 | 3 | R-290 | 1/3 | 115-60-1 | 1.2 | 341 lbs (155kg) | 29.25" (743mm) | 33.13" (842mm) | 77" (1956mm) |

(†)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.

LABORATORY REFRIGERATORS & FREEZERS

BOTTOM MOUNT CONDENSING UNIT

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DIMENSIONAL DATA

| | | |
|--------------------------|----|------------------|
| External Dimensions | L | 29.25" (743mm) |
| | D | 33.13" (842mm) |
| | H* | 77" (1956mm) |
| Crated Weight | | 341 lbs. (155kg) |
| Doors/Drawers/Lids | | 1 |
| Max Weight Support (LBS) | | - |

STORAGE DATA

| | |
|------------------------|----|
| Net Capacity Cu. Ft. ▶ | 23 |
| Shelves | 3 |
| 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 | 1.2A |
| Feed Wires with Ground | 3 |
| Cord Length | 9ft |
| NEMA Plug Type |  NEMA 5-15P |

REFRIGERATION DATA

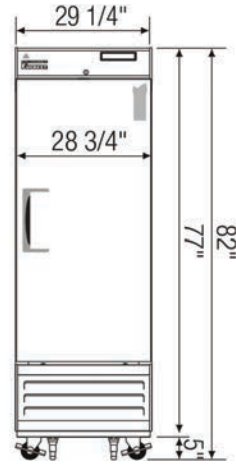
| | |
|---------------------|--------|
| Compressor Mounting | Bottom |
| Refrigerant | R-290 |
| Compressor HP | 1/3 |
| BTU/HR † | 1116 |

KEY

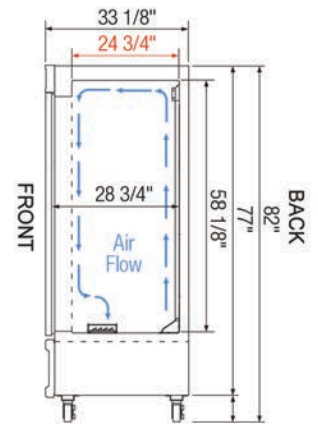
| | | | |
|----|------------|------|---------------|
| D | Door | R | Refrigerator |
| L | Lid | REF | Refrigerator |
| H | Half Door | F | Freezer |
| FD | Full Door | FRZ | Freezer |
| SD | Solid Door | DUAL | REF/FRZ Combo |
| GD | Glass Door | DR | Drawer |

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

PLAN VIEW

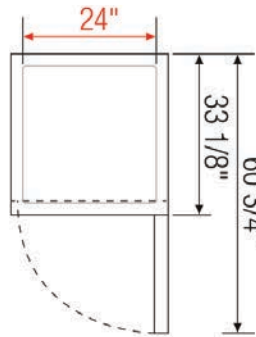


FRONT

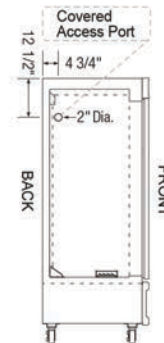


FRONT

BACK



TOP



SIDE

ACCESSORIES & OPTIONS

| Part Number | Description |
|----------------------------|---|
| 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 |
| DL01-00 | WiFi Data Logger for Laboratory Refrigerators/Freezer (model: EL-WIFI-TPX+) |
| Left Hinged Door | Contact Everest Refrigeration for more information. |

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