

LABORATORY REFRIGERATORS & FREEZERS

BACK MOUNT CONDENSING UNIT

Project Name: _____

Project Location: _____

Model #: _____ Quantity: _____

Available Warehouse: _____

LAB Series Model: ETBF1-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 compressors 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 heater.
- 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.

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.
- Heavy duty stainless steel interior / exterior.
- 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.

Shelving

- Two epoxy coated, steel wire shelves.
- Height adjustable stainless steel clips.

Temperature Control

- Multi-function digital controller with easy to read LED display.
- Factory preset temperature, -4°F. Temp-set range from -10°F to 54°F.
- Audible overheat protection alarm for compressor and condenser coil.

Options

- WiFi Data Logger.
- 4" high stainless steel backsplash for worktop application.
- 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*
FRZ	1	7.5	2	R-290	1/3	115-60-1	1.4	184 lbs (83kg)	27.75" (705mm)	33.13" (842mm)	30.25" (768mm)

(†)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.

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DIMENSIONAL DATA

External Dimensions	L	27.75" (705mm)
	D	33.13" (842mm)
	H*	30.25" (768mm)
Crated Weight		184 lbs. (83kg)
Doors/Drawers/Lids		1
Max Weight Support (LBS)		-

STORAGE DATA

Net Capacity Cu. Ft. [†]	7.5
Shelves	2
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	1.4A
Feed Wires with Ground	3
Cord Length	9ft
NEMA Plug Type	 NEMA 5-15P

REFRIGERATION DATA

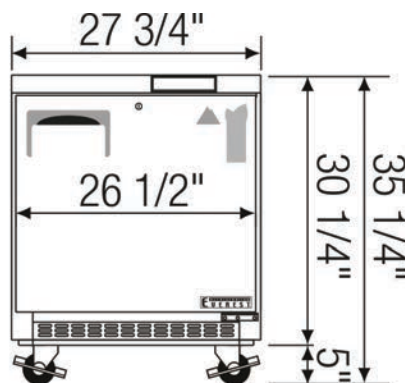
Compressor Mounting	Back
Refrigerant	R-290
Compressor HP	1/3
BTU/HR [†]	1116

KEY

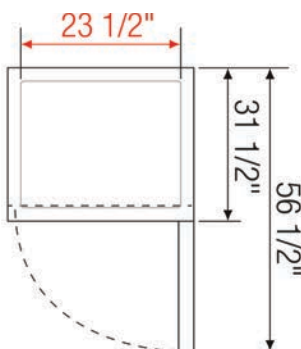
D	Door	R	Refrigerator
L	Lid	REF	Refrigerator
H	Half Door	F	Freezer
FD	Full Door	FRZ	Freezer
SD	Solid Door	DUAL	REF/FRZ Combo
GD	Glass Door	DR	Drawer

	Elevation	Right	Plan	3D	Back

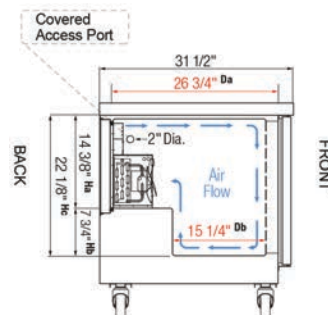
PLAN VIEW



FRONT



TOP



SIDE

ACCESSORIES & OPTIONS

Part Number	Description
Additional Shelving	Contact Everest Refrigeration for more information.
AJL03-00	Interchangeable Leg for Caster (Optional)
BKSPL05-00	4" High (27-1/2" Long) Stainless Steel Backsplash
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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