

1000 KILOWATT PORTABLE, RESISTIVE LOAD BANK WITH THE FOLLOWING FEATURES:

- 1000 KW at 480 Volts AC, 3-phase, 60 Hertz, 1202 Amps per Phase
- 5 KW minimum load step resolution provided
- Rugged toggle switches for reliability and ease of use
- Vertical exhaust, great for tightly packed or high traffic areas, such as sidewalks, building setbacks and congested rooftops.
- Intelligent load bank capability
 - Optional *Intelligent Load Bank Remote System* turns multiple load banks into a single load bank system for commissioning
 - Interfaces with the Cx Monitor Power Quality Meter making report writing even simpler



COOLING SYSTEM

Forced Air-Cooled, rated for continuous operation. Integrally mounted blower motor with high-performance, direct-driven fan blade delivers the required airflow volume (CFM) for cooling resistor load elements. Motor is rated 10 HP at 460 Volts AC, 3-phase, 60 Hertz. Power for the blower circuit can be selected from an “external” power source, or “internally” derived and operated from the main input load bus (source under test).

LOCAL OPERATOR CONTROL PANEL INCLUDING

Emergency Stop (E-STOP) push button, Main Power On/Off switch, Blower Start/Stop push buttons, Fan-Phase Reversal switch (ABC-OFF-ACB), Master Load On/Off switch, and Individual Load Step switches (KW On/Off) provided for each load step. Illuminated indicators provided for Power On,

Blower On, Motor Overload, Air-Flow Failure, Over-Temperature, and Load Dump. 120V control power is required.

SAFETY FEATURES

- Control Power Emergency-Stop button (E-STOP)
- Indicator lights for: Main Power On, Blower Motor On, Motor Overload, Air-Flow Failure, Over-Temperature and Load Dump.
- Branch circuit fuse protection
- Blower motor short circuit protected
- Differential air pressure switch
- Over-temperature switch

CONSTRUCTION

The load bank is constructed of galvanized steel with powder coat paint finish, and is designed for operation indoors on a flat, level surface with sufficient volume of fresh intake air available.

Cooling airflow is drawn from the screened air-intake sides, with hot air vertically exhausted out the top of the unit away from personnel. The exhaust should be positioned to minimize hot air recirculation into the load bank air-intake.

Superior equipment protection with a flip up panel for operator panel and bumper guards. Less than 34" width allows for access through any industrial door.

Fork-lift channels are provided in the base for lifting. Heavy-duty caster wheels are provided for easy positioning and moving

QUICK-CONNECT-DISCONNECT: Color coded panel mount camlok connector with protective snap covers provided for easy installation.

Voltage	Total Load (kW)	Load Steps
480 VAC	1000	5, 10, 10, 25, 50, 50, 100, 125, 125, 250, 250

BLUEPRINT & DIMENSIONS:

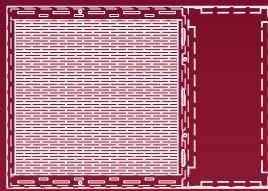
APPROXIMATE DIMENSIONS:

34"W x 50"D x 77"H [863 x 1270 x 1955mm]

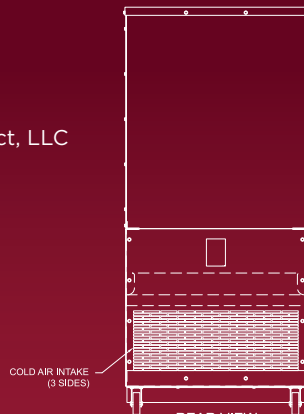
APPROXIMATE WEIGHT:

1300 pounds [590 kg]

MANUFACTURER: Load Banks Direct, LLC

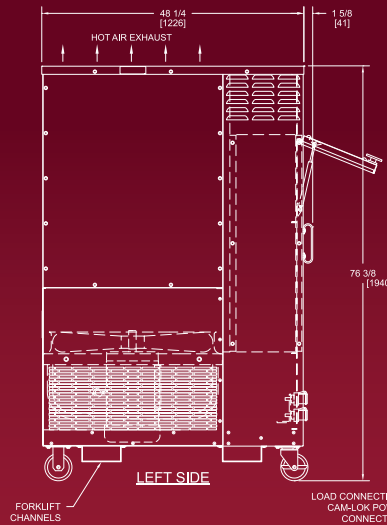


TOP VIEW
(HOT AIR EXHAUST)



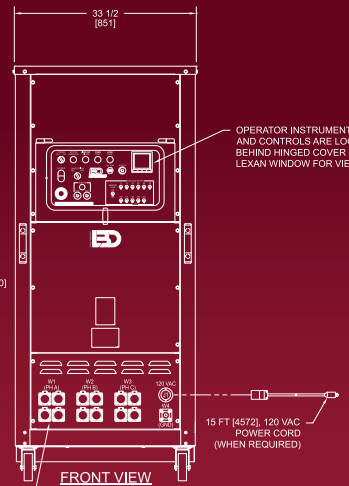
COLD AIR INTAKE
(3 SIDES)

REAR VIEW



FORKLIFT
CHANNELS

LEFT SIDE



OPERATOR INSTRUMENTATION
AND CONTROLS ARE LOCATED
BEHIND HINGED COVER WITH
LEXAN WINDOW FOR VIEWING

15 FT (4572), 120 VAC
POWER CORD
(WHEN REQUIRED)

LOAD CONNECTIONS -
CAM-LOK POWER
CONNECTORS

FRONT VIEW



Ask us about our
Intelligent Load Bank Remote System

It turns multiple load banks into a single load bank system for commissioning

kWick Power Rentals, P.O. Box 358, Mamaroneck, NY 10543
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