

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

- 500kW at 240 & 480VAC, 3 phase, 1203 Amps per phase at 240V, 601 Amps per phase at 480V
- 376kW at 208VAC, 3 phase, 1044 Amps per phase
- Horizontal exhaust makes for a versatile unit great for operation both indoors and outdoors
- 5 kW minimum load step resolution provided
- Rugged toggle switches for reliability and ease of use
- 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

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 3 HP at 208-230 or 416-460 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).

BLOWER & CONTROL POWER SOURCE SELECTION

Operator panel mounted switch allows for quick selection of power source (internal/ external) for blower and control power. NEMA L16-30 type inlet connectors are provided for external power connections (15' power cord provided for 120V control power).

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 horizontally exhausted out the rear 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.

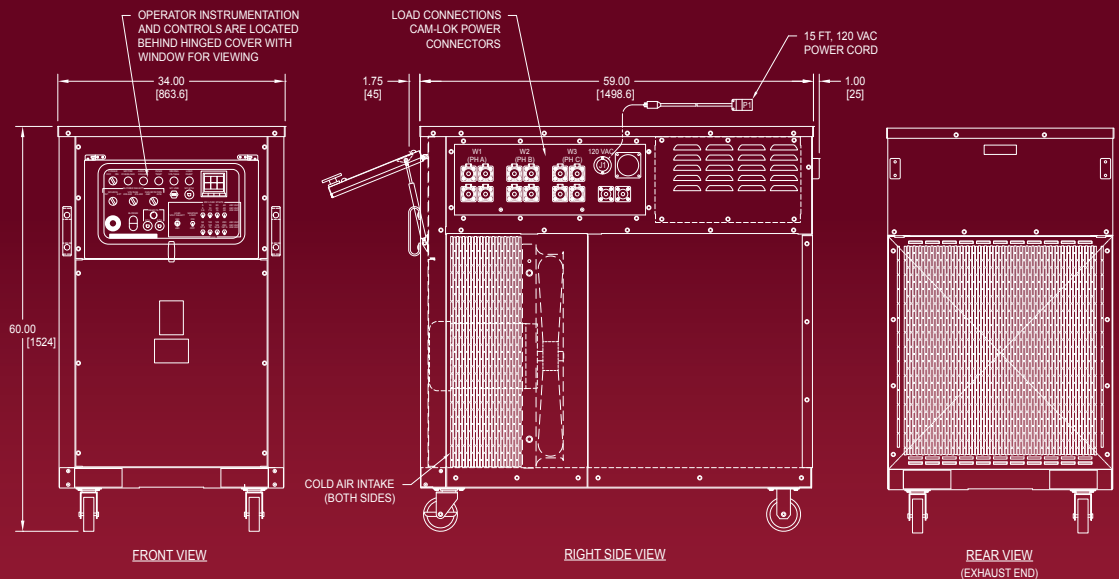
Voltage	Total Load (kW)	Load Steps
480 VAC	500	5, 10, 10, 25, 50, 50, 100, 250
240 VAC	500	5, 10, 10, 25, 50, 50, 100, 250
208 VAC	375	3.8, 7.5, 7.5, 18.8, 37.5, 37.5, 75, 187.5

BLUEPRINT & DIMENSIONS:

APPROXIMATE DIMENSIONS:
34"W x 59"D x 60"H
[863.6 x 1498.6 x 1524 mm]

APPROXIMATE WEIGHT:
950 pounds [430 kg]

MANUFACTURER:
Load Banks Direct, LLC



Ask us about our
Intelligent Load Bank Remote System

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

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