



Liberty Model LPH

Ultra-Compact, Portable Load Bank
25 to 75 KW



Rated for Continuous Operation

Ultra-Compact, Portable, Easy to Transport and Operate

Large Load Capacity – up to 75 KW

Lightweight Aluminum and Aluminized Steel Enclosure

Convenient Operator Controls with Digital Metering and Data Logging Software Included

The Avtron Liberty Load Bank is a portable, ultra-compact resistive load bank designed for indoor use.

The Liberty Load Bank is a portable, ultra-compact, resistive load bank specifically designed for testing and routine maintenance of smaller generators and UPS systems. At only 69 lbs. [31 kg], it is light enough to be easily moved and transported by one technician, and rugged enough to stand up to years of reliable service. The Liberty load bank features lightweight aluminum and aluminized steel construction, and quick-connect load terminals. The load bank comes standard with a hard cover protective travel case on casters with a telescoping handle.

The Liberty load bank is available in four standard versions including 55 KW at 240 or 480 VAC, 3 phase, 60 Hz;

75 KW at 208 VAC, 3 phase, 60 Hz; 75 KW at 240 VAC, single phase, 60 Hz; and 25 KW at 120 or 240 VAC, single phase, 60 Hz.

The load bank controls and cooling fans are powered by any standard 120 VAC, single phase wall outlet with detachable line cord provided. An integral control panel is provided for load bank operation and includes the necessary controls, and status indicators. The Liberty load bank also includes the Avtron Advanced Digital Monitoring System (ADMS)[™] as a standard feature. The ADMS meter provides faceplate digital display of Volts, Amps, Frequency, and KW. The Communicator EXT[™] Data Logging Software allows Real Time Data

Acquisition and trending of all meter parameters from your Laptop PC or PDA. An Infrared/USB interface cable is included for "Plug and Play" convenience.

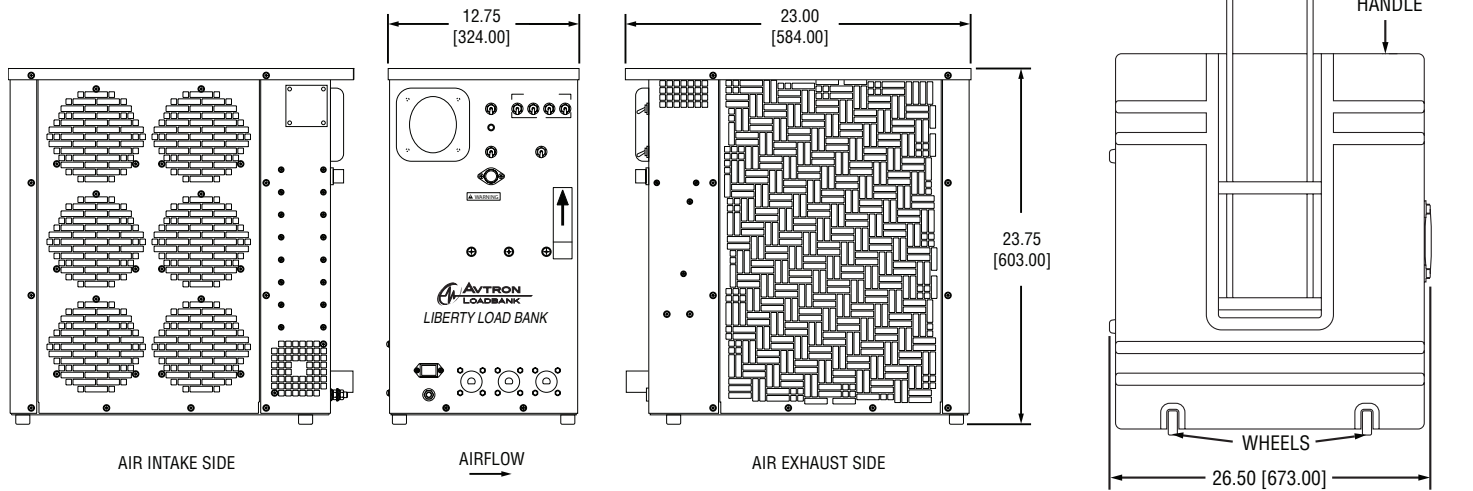
Legendary Avtron quality combined with simple operation and maintenance will provide years of trouble free service.

Avtron's extensive line of Load Bank and Industrial Resistor Products are solid performers used throughout the world.

For total technical support or additional information, please contact Avtron at (216) 573-7600 or LBsales@avtron.com.

Liberty Portable Load Bank (Model LPH)

OUTLINE DRAWING:



SPECIFICATIONS:

CONSTRUCTION: A compact aluminum and aluminized steel enclosure with screened inlet and exhaust openings. Two hand holds are provided for easy lifting.

CONTROL POWER: The load bank requires control power of 120 VAC, single phase, 60 Hz (line cord provided).

COOLING: The resistive elements are air-cooled by six high velocity muffin fans for quiet operation.

CONTROLS: The operator control panel includes a MASTER LOAD ON-OFF switch, load step ON-OFF industrial toggle switches, a BLOWER ON-OFF switch, and a LOAD VOLTAGE selector switch (Dual Voltage model only).

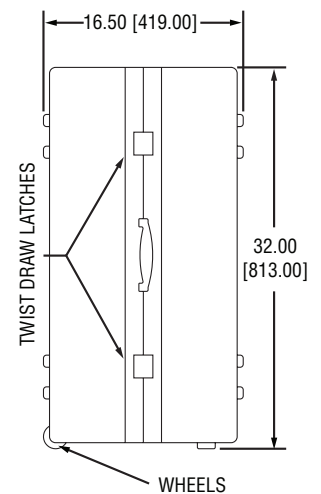
DIGITAL METERING: Avtron Advanced Digital Monitoring System (ADMS)[™] is provided for display of Volts, Amps, Frequency, and KW. ADMS[™] also includes Communicator EXT[™] Data Logging Software.

SAFETY FEATURES: The Liberty Load Bank features main line circuit fusing, and overtemperature protection.

WEIGHT:
Load Bank is approximately 69 lbs. [31 kg]
Load Bank Case is approximately 20 lbs. [9 kg]

OPTIONS:

- 20' [6096] cable set with connectors
- Designs for International 50/60 Hz voltages or custom DC designs are also available. Consult Factory.



LIBERTY LOAD CAPACITY RATINGS:

Total Load KW	Voltage Rating	Load Step Resolution KW
25	120/240 VAC, single phase, 60 Hz	0.5, 0.5, 1, 2, 3, 3, 3, 3, 3, 3
55	240/480 VAC, 3 phase, 60 Hz	5, 10, 20, 20
75	240 VAC, single phase, 60 Hz	1, 2, 2, 5, 10, 15, 20, 20
75	208 VAC, 3 phase, 60 Hz	5, 10, 20, 20, 20

ADMS[™] is a trademark of Avtron LoadBank, Inc. Communicator EXT[™] is a trademark of Electro Industries/GaugeTech. All dimensions are in inches [millimeters]. Specifications subject to change without notice.



Quality System Certified to ISO 9001

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