LIBERTY LOAD BANK
25-75 KW

ULTRA-COMPACT PORTABLE LOAD BANK

- **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**

QUALITY SYSTEM CERTIFIED TO
ISO 9001

The Avtron 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 pounds, 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 light-weight 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 load bank is available in four standard versions including 55 KW at 240 or 480 VAC, 3-phase, 60 Hz; 65 KW at 208 VAC, 3-phase, 60 Hz; 25 KW at 120 or 240 VAC, 1-phase, 60 Hz; and 75 KW at 240 VAC, 1-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 new standard in digital metering includes the Avtron Advanced Digital Monitoring System (ADMS)™. 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 provide years of trouble free service.

The Avtron Liberty Load Bank is ideal for routine testing and maintenance of AC power sources such as stand-by emergency generators and UPS systems.

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 LOAD CAPACITY RATINGS

Total Load KW	Voltage Rating	Load Step Resolution KW
25	120/240 VAC, 1 Phase, 60 Hz	0.5, 0.5, 1, 2, 3, 3, 3, 3, 3, 3, 3
55	240/480 VAC, 3 Phase, 60 Hz	5, 10, 20, 20
65	208 VAC, 3 Phase, 60Hz	5,10,10,20,20
75	240 VAC, 1 Phase, 60 Hz	1, 2, 2, 5, 10, 15, 20, 20
75	208 VAC, 3 Phase, 60 Hz	5, 10, 20, 20, 20

LIBERTY LOAD BANK SPECIFICATIONS

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

CONTROL POWER: The load bank requires control power of 120 VAC, 1-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 (on dual voltage unit only).

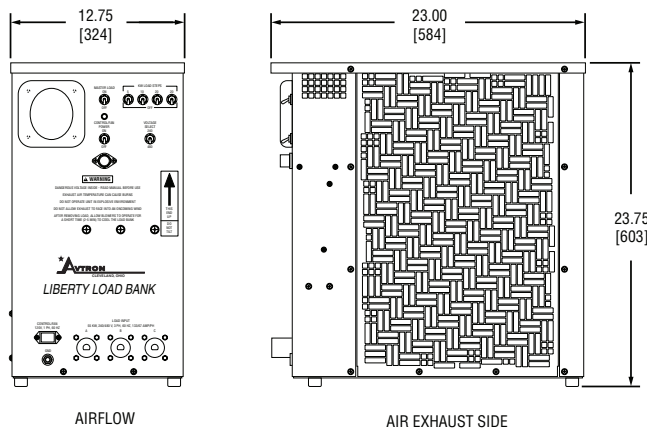**DIGITAL METERING:** Avtron Advanced Digital Monitoring System (ADMS)™ is provided for display of Volts, Amps, Frequency, and KW. ADMS™ also includes Communicator EXT™ Data Logging Software.

SAFETY CIRCUITS: The Liberty load bank features main line circuit fusing, and overtemperature protection.
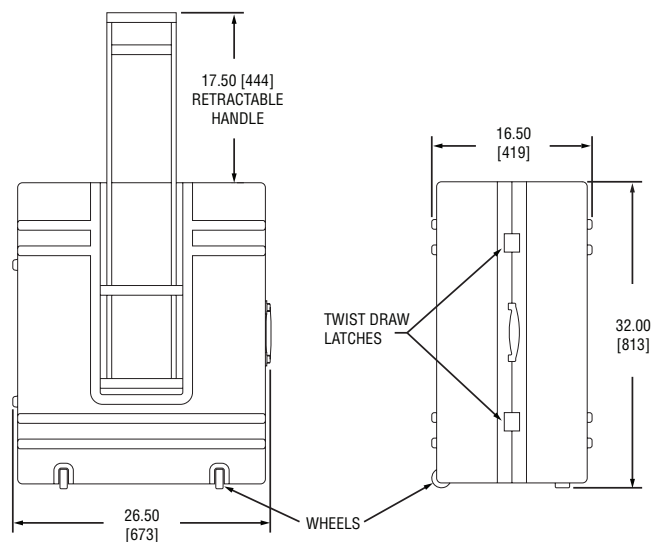
WEIGHT: 69 pounds [31 kg] - load bank
20 pounds [9 kg] - travel case

OPTIONS:

- 20 foot cable set with connectors
- Designs for International 50/60 Hertz Voltages or Custom DC Designs are also available

AIRFLOW

AIR EXHAUST SIDE

LIBERTY LOAD BANK

TRAVEL CASE

UL LISTED

ADMS™ is a trademark of Avtron. Communicator EXT™ is a trademark of Electro Industries/GaugeTech.

All dimensions are in inches [millimeters].
Specifications subject to change without notice.
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