



QUALITY SYSTEM CERTIFIED TO
ISO 9001

The Avtron Patriot Load Bank is a portable, self-contained AC resistive load bank designed for indoor use. The load bank gives users the freedom of a high capacity load in an ultra compact package.

The load bank provides up to 80 KW resistive load at 400 VAC 3-Phase, 50 Hz.

Weighing only 45 kg this versatile load bank is less than half the weight and size of traditional load banks of similar capacity. The load bank features horizontal air discharge to provide a low profile design. Quick-connect load terminals and simple operation allow the load bank to be set up and operated by a single technician, saving valuable time in the field.

The load bank controls and cooling fans are powered by any standard 230 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

RESISTIVE LOAD BANK

80 KW

- Rated for Continuous Operation
- Compact, Portable, Easy to Transport and Operate
- Large Load Capacity – up to 80 KW at 400 VAC, 3 Phase or 230 VAC, 1 Phase
- Lightweight Aluminum and Aluminized Steel Enclosure with Casters
- Convenient Operator Controls with Digital Metering and Data Logging Software Included

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 Model LPH-80 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.

MODEL LPH-80 LOAD CAPACITY RATINGS

Total Load KW	Voltage Rating	Load Step Resolution KW
80	400 VAC, 50 Hz 3 Phase	5, 10, 10, 25, 30
86.4	416 VAC, 50 Hz 3 Phase	5.4, 10.8, 10.8, 27, 32.4
72	380 VAC, 50 Hz 3 Phase	4.5, 9, 9, 22.5, 27
80	230 VAC, 50 Hz 1 Phase	5, 10, 10, 25, 30

MODEL LPH - 80 LOAD BANK SPECIFICATIONS

CONSTRUCTION: A compact aluminized steel enclosure with screened inlet and exhaust openings houses the Model LPH-80 load bank. Four swivel casters provide mobility. Heavy duty lifting handles are also provided.

CONTROL POWER: The load bank requires control power of 220 VAC, 1-Phase, 50 Hz [line cord provided].

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

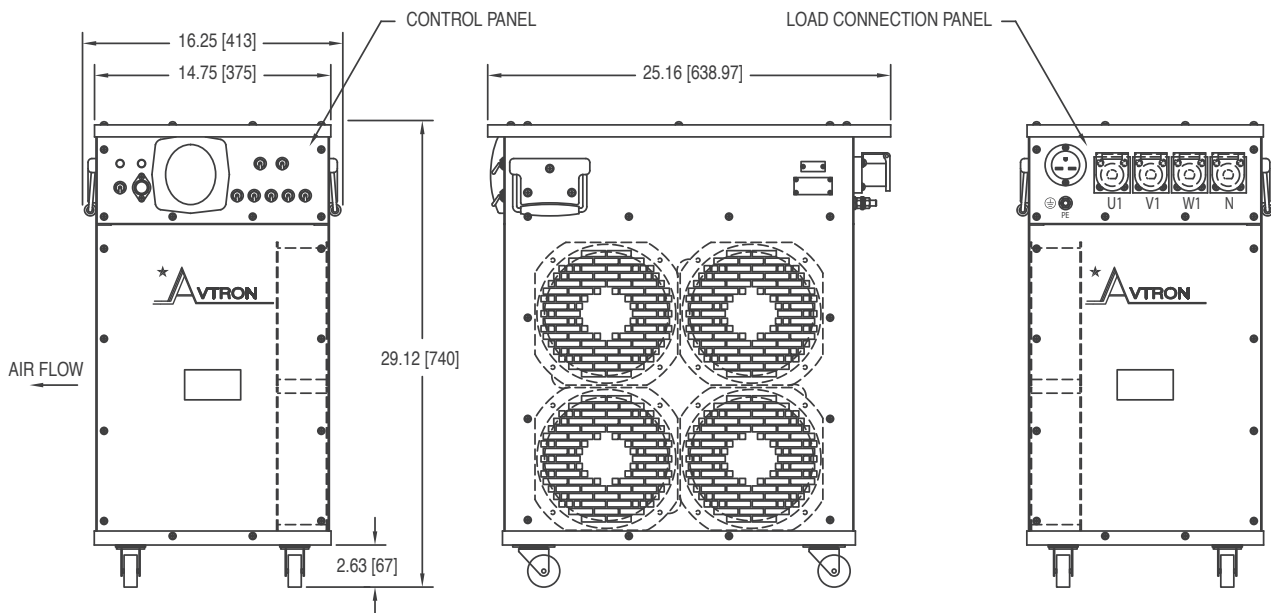
CONTROLS: The operator control panel includes a MASTER LOAD ON-OFF switch, load step ON-OFF industrial toggle switches, and a BLOWER ON-OFF switch.

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 Model LPH-80 load bank features main line circuit fusing, and overtemperature protection.

WEIGHT: Approximately 105 pounds [48 kg]

- OPTIONS:**
- 20 foot [6 meter] cable set with connectors
 - Heavy Duty Shipping Case
 - Designs for 60 Hertz Voltages or Custom DC Designs are also available



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

<p>DUBAI Tel: 04 3242544 Fax: 04 3242545 Email: jbdubai@jubailibros.com</p>	<p>ABU DHABI Tel: 02 5542966 Fax: 02 5541966 Email: jb.abudhabi@jubailibros.com</p>	<p>JEBEL ALI Tel: 04 8832023 Fax: 04 8832053 Email: jbdubai@jubailibros.com</p>
<p>For more information, kindly visit our website: www.JubailiBros.com LEBANON UAE NIGERIA AFGHANISTAN KUWAIT GHANA QATAR UGANDA</p>		