



Model LPV-500

Compact, Portable Load Bank
500 KW

Portable for Load Testing at
Multiple Sites

Compact, Portable, Easy to
Transport and Operate

Extra Large Load Capacity - up to
500 KW

Rugged Aluminized Steel Enclosure
with Casters

Convenient Operator Controls with
Digital Metering and Data Logging
Software Included



The Avtron LPV-500 Load Bank is a portable, self-contained unit that simulates electrical loads.

The LPV-500 Load Bank is ideal for routine load testing of standby diesel generating systems at remote sites or for factory production line testing of (UPS) Uninterruptible Power Supplies, turbines, or engine generator sets. This model provides resistive loading up to 500 KW at 400 Volts AC in a convenient and easy-to-use package.

This load bank features vertical air discharge and a narrow width to fit through standard doorways and freight elevators. This unit is simple to set up and operate by a single technician, saving valuable time in the field.

The LPV-500 Load Bank features the new standard in Digital Metering which 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.

This unit incorporates state-of-the-art design features, including a heavy gauge aluminized steel enclosure,

continuously supported resistor elements on stainless steel rods, and an industrial blower.

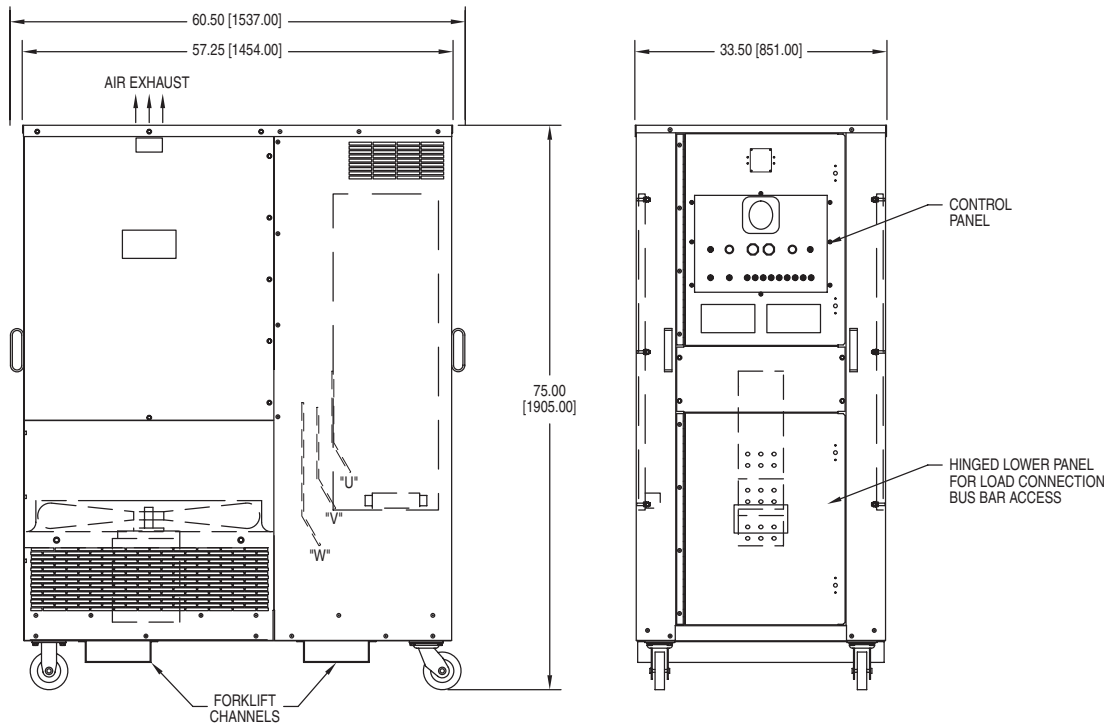
Legendary Avtron quality combined with simple operation and maintenance will provide years of trouble free service.

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.

Model LPV-500 Portable Load Bank

OUTLINE DRAWING:



SPECIFICATIONS:

CONSTRUCTION: A rugged aluminized steel enclosure with hinged front doors for easy access and quick connections. Two fixed and two lockable swivel casters provide mobility. Forklift channels provided for simplified handling.

CONTROL POWER: The unit requires control power of 120 VAC, single phase, which is derived from a control transformer connected to the blower circuit.

COOLING: The resistive elements are air cooled by an integrally mounted 3 phase blower motor. No additional cooling period is required when load is removed.

CONTROLS: The operator control panel includes a MASTER LOAD ON-OFF switch, load step ON-OFF industrial toggle switches, BLOWER ON-OFF push buttons with a BLOWER FAILURE light.

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 LPV-500 Load Bank features branch circuit fusing, motor overload protection, overtemperature protection, and cooling air loss protection.

WEIGHT: Approximately 1000 lbs. [454 kg]

OPTIONS:

- Vinyl Storage Dust Cover

LPV-500 LOAD CAPACITY RATINGS:

Model (KW)	Voltage	Load Steps (KW)
500	400 VAC, 3 phase, 50 Hz	5, 10, 10, 25, 25, 50, 75, 150, 150

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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