

# Avtron K492

## Resistive, Lightweight, Portable Load Bank - 60 to 150 amps

**Testing Your Emergency Standby Generator with a Load Bank Means Reliability When it Matters Most.**

### Key Features

- Flexible and Simple Operation
- Compact, Portable, Lightweight
- Easy to Read Meters
- Overtemperature Protected  
Removes loads if overheating occurs
- No Cool Down Period Required
- Master Load Control Switch  
Allows for instant application or removal of loads

Superior 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@Emerson.com](mailto:LBsales@Emerson.com).

Quality System Certified to ISO 9001

**The Avtron Model K492 Load Bank is a lightweight, DC resistive load bank providing up to 150 amp load.**

The Avtron K492 load bank is contained in a small enclosure, providing up to 150 amperes loading capacity for testing UPS and other DC power sources at either 26 or 52 volts DC. The K492 is used for testing batteries and DC power sources most commonly used in the telecommunications industry.

Avtron designed and manufactured, the K492 resistive load elements are at the core of the load bank system. To ensure years of reliable operation, the elements chosen for the K492 will operate at only 1/3 (or less) of their maximum temperature rating. The load bank includes overtemperature protection and does not require a "cool down" period after each use.

The K492 load bank is simple to use. It does not require tools or a separate source for control power. Electrical connections are made on the front of the unit using hand-tightened terminals, while control power is derived from the power source being tested. A large, easy to read voltmeter (0-60 V,  $\pm 2\%$ ) and ammeter (0-200 A,  $\pm 2\%$ ), along with logically arranged controls, make this load bank a snap to use.

The K492 is intended to be an essential piece of test equipment used by field service personnel. Its reliable and simple-to-operate design, compact frame size, comfortable carrying handle, and lightweight (30 lbs. [13.61 kg]) define this unit as the "load bank of choice."



**K492 150 amps  
Portable Resistive  
Avtron Load Bank.**

# Avtron K492

Resistive Portable Load Bank - 60 to 150 amps

## Specifications subject to change without notice.

### Capacity

up to 150 Amps DC

### Load Step Resolution

1 Amp (typical)

### Voltage

26 or 52 volts

### Blower Power and Control Power

Taken from load bus

### Controls and Indicators

Master Load ON/OFF, 12 Load Step Switches (toggle type), and Overtemperature Indicator.

### Load Elements

Avtron helically wound chromium alloy wire, no "cool down" period required, and over-temperature protection.

### Construction

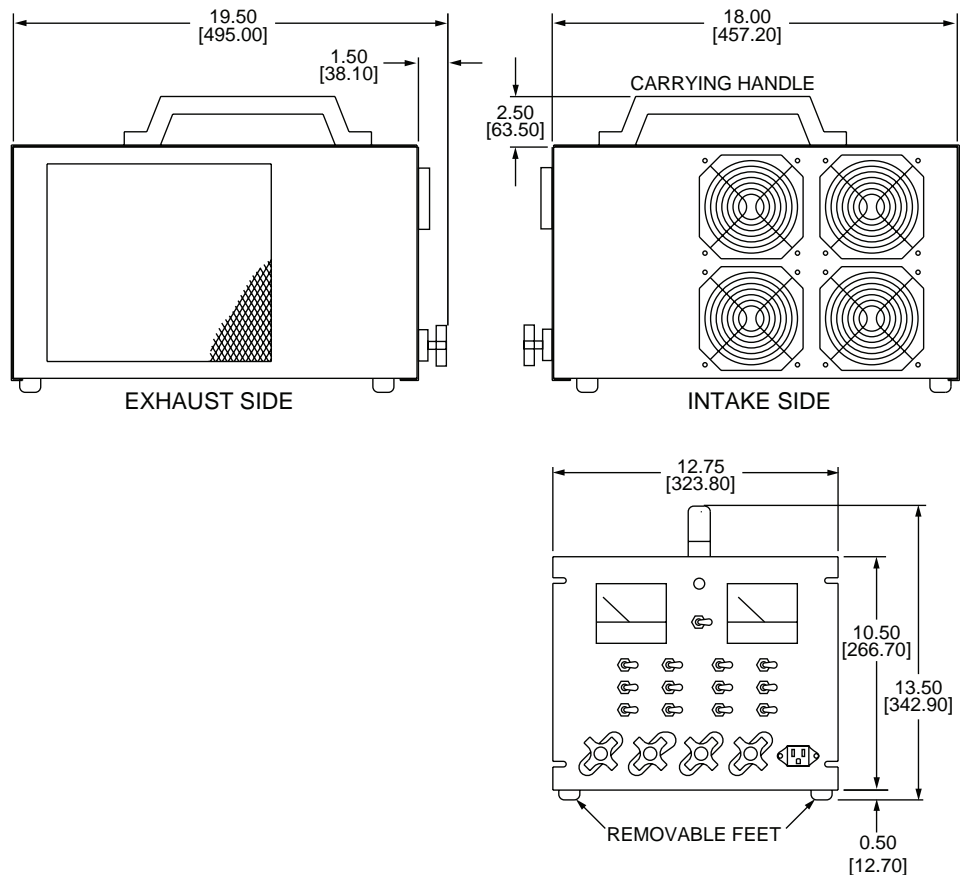
Designed for indoor use, durable steel enclosure protected with powder coat paint finish, rubber support feet, large comfortable carrying handle, 4 muffin type cooling fans for quiet operation and low power usage of approximately 1.9 Amps at 26/52 VDC.

### Load Capacity Ratings:

Rated Amps	12/24 VDC	24/48 VDC	26/52 VDC	28/52 VDC	52/132 VDC	136 VDC
60					✓	✓
150	✓	✓	✓	✓		

### Load Bank Weight (approx.)

30 lbs. [13.61 kg]



All dimensions are in inches [millimeters].



**Emerson Network Power**

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[EmersonNetworkPower.com/loadbank](http://EmersonNetworkPower.com/loadbank)

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