



10409 MEECH AVENUE, CLEVELAND, OH, U.S.A. 44105  
(1) 216-641-8310 • FAX: (1) 216-441-2459

## RESISTIVE LOAD BANK

150 AMPERE

- **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



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he Avtron Model K492 is a lightweight, DC resistive load bank 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.

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 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 light weight define this unit as the "load bank of choice."

*The Avtron K492 is designed for testing batteries and DC power sources most commonly used in the telecommunications industry.*

*For complete details on Avtron's load bank offerings (portable, fixed, resistive or reactive), contact your ComRent sales representative at (888) 881-7118.*

## K492 LOAD CAPACITY RATINGS

Total Load Amps	Voltage	Load Steps in Amps											
		1	2	2	5	10	10	20	20	20	20	20	20
150	26	1	2	2	5	10	10	20	20	20	20	20	20
150	52	1	2	2	5	10	10	20	20	20	20	20	20

### K492 SPECIFICATIONS

**CAPACITY:** Up to 150 Amps DC.

**LOAD STEP RESOLUTION:** 1 Amp.

**VOLTAGE:** 26 or 52 volts.

**BLOWER POWER:** Taken from load bus.

**CONTROL POWER:** Taken from load bus.

**CONTROLS AND INDICATORS:**

- Master Load ON/OFF
- 12 Load Step Switches, toggle type
- Overtemperature Indicator

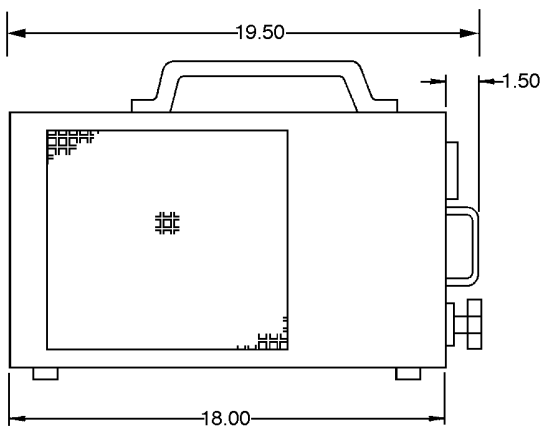
**LOAD ELEMENTS:**

- Avtron helically wound chromium alloy wire
- No "cool down" required
- Overtemperature protected

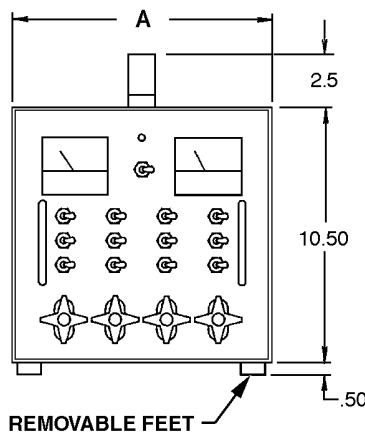
**CONSTRUCTION:**

- Durable steel enclosure protected with polyurethane enamel paint
- Rubber support feet
- Large, comfortable carrying handle
- Designed for indoor use
- Cooling Fans: 4 muffin type, for quiet operation and low power usage of approximately 1.9 Amps at 26/52 VDC

**WEIGHT:** Approximately 30 pounds



**EXHAUST SIDE**



Part Number	A
D22960	10.75
D23313	10.75
D23483	10.75
D22642	10.75
D23370	12.75
D25213	12.75
D25580	12.75
D25723	12.75
D24518	12.75

All dimensions are in inches.  
 Specifications subject to change without notice.  
 Printed in U.S.A. Rev. A

