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RESISTIVE LOAD BANK

10 KW

MODEL K490



QUALITY SYSTEM CERTIFIED TO
ISO 9001

PART NO. D23572 SHOWN

- **Compact and Simple to Operate**
- **Reliable Load Elements**
- **Easy to Read Meters**
- **Hand-Held Multimeter-Compatible**
Plugs to monitor voltage, current, or frequency
- **Overtemperature Protected**
Removes loads if overheating occurs
- **No Cool Down Period**
- **Master Load Control Switch**
Allows for instant application or removal of loads

The Avtron Model K490 is a lightweight, portable AC resistive load bank designed for indoor use. It is contained in a small 12.75 x 10.5 x 18 inch enclosure, yet provides up to 10 KW loading capacity.

The loads can be flexibly applied for a total of 10 KW at 120 or 240 VAC, single phase.

Avtron designed and manufactured, the K490 resistive load elements are at the core of the load bank system. To ensure years of reliable operation, the elements chosen for the K490 will operate at only 1/3 (or less) of their maximum temperature rating eliminating the need for a "cool down" period after operation. The load bank also includes overtemperature protection.

The K490 is simple to use. It does not require tools. Electrical connections are made on the front of the unit using hand-tightened terminals. Standard on the K490 are banana jacks for connecting hand-held multimeters. The multimeter allows voltage, current, or frequency monitoring.

With logically arranged controls, this load bank is intended to be an essential piece of test equipment used by field service personnel. Its reliable design, compact frame size, and light weight define this unit as the "load bank of choice."

The K490 is used for testing small generator sets and UPS units. This load bank is used for production line testing and by field service personnel.

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.

K490 LOAD CAPACITY RATINGS

Total Load KW	Volts	Load Steps in KW						Part #
		.25	.25	.5	1	2	3	
10	120 VAC	.25	.25	.5	1	2	3	D22867
10	120/240 VAC	1	2	2	2	3		D23572

K490 SPECIFICATIONS

CAPACITY: 10 KW.

LOAD STEP RESOLUTION: 0.25 KW (part number D22867), or 1.0 KW (part number D23572).

VOLTAGE: 120 VAC or 120/240 VAC.

BLOWER POWER: Taken from load bus (part number D22867), or separate 120 VAC source (part number D23572).

CONTROL POWER: Taken from load bus (part number D22867), or separate 120 VAC source (part number D23572).

CONTROLS AND INDICATORS:

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

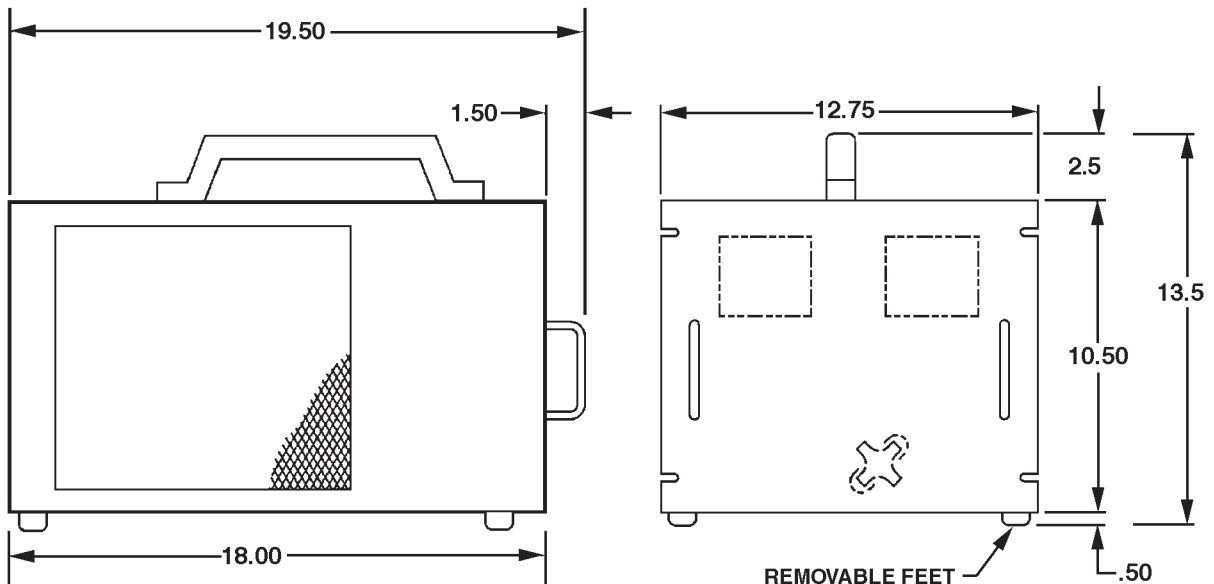
LOAD ELEMENTS:

- 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 power usage under 1.5 Amps at 120 VAC

WEIGHT: Approximately 35 pounds.



EXHAUST SIDE



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