



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

RESISTIVE LOAD BANK

20/25 KW

- Compact and Simple to Operate
- Lightweight Aluminum Construction
- Reliable Load Elements
- No Cool Down Period
- Overtemperature Protection
- Voltage Selector Switch
- Optional Digital Metering



T

he Avtron Model K491 is a lightweight, portable AC resistive load bank designed for indoor use. It is contained in a small, lightweight, aluminum enclosure, yet provides up to 25 KW loading capacity.

Three (3) phase and single (1) phase models are available at KW ratings of; 25 KW at 240/480 volts 3 phase and 20 KW 120/240 volts 1 phase. Voltage selection is provided by a selector switch located on the front control panel allowing easy change over from one voltage mode to another.

Avtron designed and manufactured, K491 resistive load elements are at the core of the load bank system. To ensure years of reliable operation, the elements chosen for the K491 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 K491 is simple to use. It does not require any tools. Power cable connectors are provided on the front of the unit with a variety of cable set lengths as an option.

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 K491 load bank is designed for testing small generators or UPS systems. It can also be used to add supplemental load with fine resolution to existing load bank installations. The K491 is ideal for both field service testing or production line testing.

Please contact your Avtron sales representative for complete information on this and other products at (216) 641-8310.

K491 LOAD CAPACITY RATINGS

Total Load KW	Volts	Phase	Load Steps in KW	Part Number
25	240/480 VAC	3	1, 2, 4, 8, 10	D27226
20	120/240 VAC	1	1, 1, 2, 2, 2, 3, 3, 3, 3	D27225

K491 SPECIFICATIONS

CAPACITY: 25 KW (part number D27226);
20 KW (part number D27225).

LOAD STEP RESOLUTION: 1 KW

VOLTAGE: 240/480 volt 3 phase (part number D27226);
120/240 volt 1 phase (part number D27225).

BLOWER/CONTROL POWER: 120 VAC 1 phase 60 Hz required. Detachable line cord provided.

CONTROLS AND INDICATORS:

- Main Power ON/OFF
- Master Load ON/OFF
- Voltage Selector Switch
- Load Step Switches, toggle type
- Overtemperature Indicator

LOAD ELEMENTS:

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

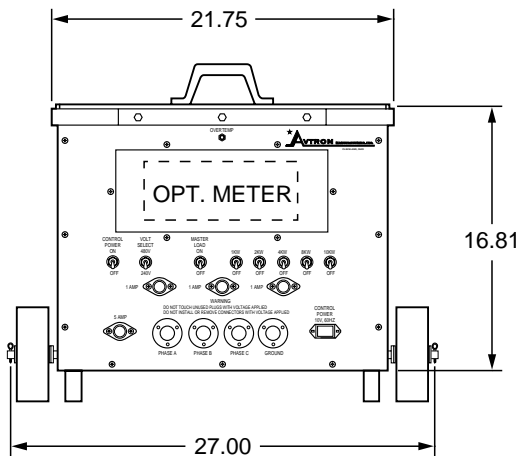
CONSTRUCTION:

- Aluminum enclosure with lifting handle, cord rack, support feet, and two rear casters.
- Large, comfortable carrying handle.
- Designed for indoor use.
- Cooling Fans: 6 muffin type, for quiet operation.

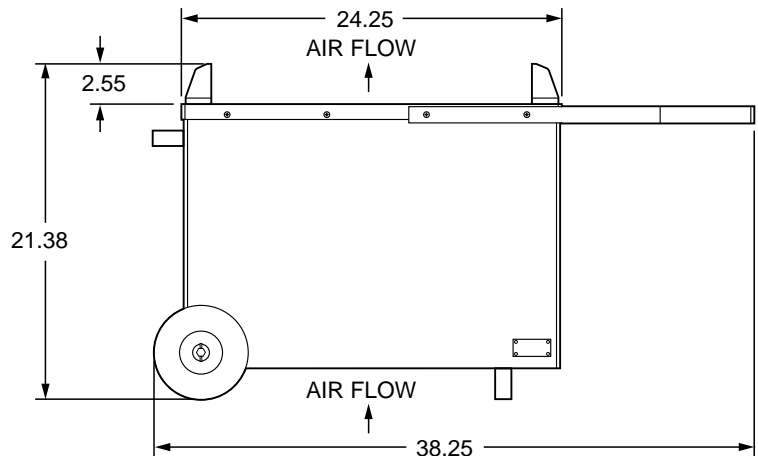
WEIGHT: Approximately 75 pounds.

OPTIONS:

- Single Phase or Three Phase Cable Set Available in 10, 15, 20, 25, and 50 Foot Lengths
- Single or Three Phase Digital Metering (Volts / Amps or Volts / Amps / Frequency / KW)



D27226 SHOWN



SIDE VIEW



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