



This device is a preliminary voltage presence indicator. Use a company approved tool to verify de-energized circuit before working on the line.

WARNING Do not allow any components (including antenna, cable, or unit) to come in direct contact with any voltage source.

INSTALLATION AND SETUP

- Mount antenna as high on vehicle as feasible, preferably in the center.
- Route cable in a secure manner so as to protect it from damage.
- Unit should be mounted in a secure location, easily visible to the operator and without impairing the drivers road view.
- Connect the unit to the antenna and the power source. **NOTE** - VoltWitch unit will not operate if the antenna is not connected properly.
- To turn on the unit, press and release the power button on the top of the unit.
- When the unit is on, the left 2 LED segments of the display should be lit. If not, check the power connection.

OPERATION

- To test function of the unit, drive in vicinity of known energized overhead line(s).

---- NOTE ----

This unit is a "line-of-sight" device, any obstruction between antenna and overhead lines will impede operation. This includes buildings, bridges, and trees as well as aerial devices on line trucks that would be between the antenna and the voltage source.

- As the vehicle approaches the energized line the number of illuminated LED's will increase.
- It is recommended that the operator become familiar with the operation of the unit in different situations by testing in the known areas.
- The unit WILL NOT detect voltage without a properly connected antenna.

Model VW-1031, Patent Pending



SPECIFICATIONS

VOLTWITCH UNIT:

- Dimensions: 5" L x 2.75" W x 1" T
- Weight: 5 oz.
- Power: 12V, 40mA
- Operating Temperature range: 0 to 70° C
- Display: 20 segment, 0.2" high LED Bar
- Compartment for optional 9V battery
- Operational Parameters:
 - Voltages from 2.4 kV to 500 kVAC
 - Detects 60 Hz voltages only

ANTENNA:

- Standard: P/N VW-011
- 3" magnetic base
 - Antenna cord is 16' long
 - Antenna is 39" tall

Base Mount Options (contact factory):

- Trunk mount P/N VW-013
- Hood groove mount P/N VW-014
- Mirror mount P/N VW-016
- 5" magnetic base P/N VW-017

POWER PLUG:

- Power Plug, 6' long P/N VW-004
- 12 VDC Car Accessory Plug, Fused, with Power-On LED indicator.
- Size: 5.5 mm
- Polarity:

Rauckman Utility Products, LLC.
www.rauckmanutility.com

37 Ednick Drive
Swansea, IL 62226

phone: 618.222.7100
fax: 618.222.7177