

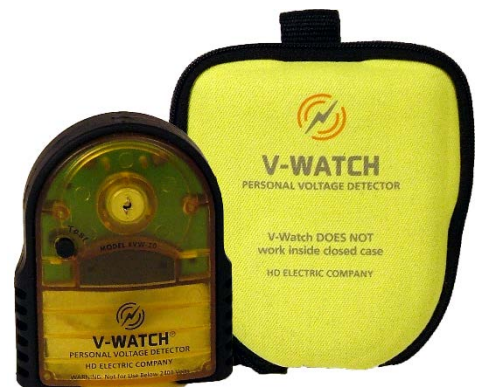
# V-WATCH®

## PERSONAL VOLTAGE DETECTOR



### Protection for yourself. It's that simple.

Worn on the outside of your clothing at mid-torso, the V-Watch® Personal Voltage Detector provides that extra level of safety by detecting and alerting you to the presence of electrical fields or energized electrical equipment. In emergencies, first responders can move in quickly and safely provide assistance to those in need and de-escalate potentially dangerous situations.



**HOE** FIRST RESPONDER

# V-WATCH® PERSONAL VOLTAGE DETECTOR



VW-20HFR

C-10FR CARRYING  
CASE LANYARD

- Alerts user to proximity of high voltage
- Audible and visual alarms increase in frequency the closer the user gets to energized equipment
- Low battery indicator
- Rugged protective housing
- Carrying case lanyard
  - C-10FR carrying case lanyard –high-visibility safety green shielded material with an outer layer of flame resistant material
  - Electrically shielded
  - Acts as a storage case when not in use
  - Lanyard allows user to adjust to optimum mid-torso position

## TECHNICAL SPECIFICATIONS

- **Sensitivity:** Factory set at 50/60 Hertz sensing threshold (first beep) - will only detect AC voltage - do not use below 2400 Volts line-to-ground
- **Typical Warning Distance:** About 7 feet (2.13 m.) from a 4kV (2.4kV line-to-ground) AC conductor
- **Voltage Range:** 2400VAC line-to-ground and above
- **Operating Temperature:** -20° to +120°F (-29° to 49°C)
- **Operating Frequency:** 50Hz/60Hz
- **Battery:** 9V alkaline 1604A, IEC 6LR61 - life is 2 years in storage, 1 year typical usage
- **Beeper Sound Pressure Level:** 100 decibels
- **Water Withstand:** Protected from falling rain per IEC-529, Level 2
- **Weight with Battery:** 5.2 oz. (147 g)
- **Dimensions:** 3.5" x 2.88" x 1.25" (8.89 cm x 7.32 cm x 3.18 cm)

## ORDERING INFORMATION

<b>VW-20HFR</b>	V-Watch Personal Voltage Detector with C-10FR Flame Resistant Carrying Case Lanyard in high-visibility safety green color
<b>VW-20HFR-K</b>	V-Watch Kit includes VW-20HFR with C-10FR and VW-K-BAG
<b>C-10FRVW</b>	Shielded, flame resistant carrying case lanyard in high-visibility safety green color with built-in lanyard; includes instruction card for VW-20
<b>VW-K-BAG</b>	Zippered carrying bag holds V-Watch unit, carrying case lanyard and instruction manual



**HDE FIRST RESPONDER**

All sales are subject to the terms and conditions of the Limited Warranty and Limitation of Liability set forth in the product Instruction Manual and at [www.HDElectricCompany.com](http://www.HDElectricCompany.com). Users must read and agree to the Limitation terms, as stated, before using the product. HD Electric Company is committed to ongoing review and improvement of its product lines, and thus reserves the right to modify product design and specifications without notice. HD Electric Company® products are available through HDE® sales representatives worldwide. Printed in U.S.A. – © HD Electric Company 2017 – Bulletin No. VWFR-100a