

# Heat Detector Tester

## Instructions for VT-694

**Designed to test heat detectors of any of the following types in the 135° to 190° range:**

- Domed Styles
- Low Profile (rr/ft)
- Tubular (Rate Anticipation)
- Electronic (Thermistor)



## Heat Detector Tester Kit

Contents as follows:

- Adapter Tray , Oral Syringe, Container
- 1 Sheet of 4 Heat Pads (2 rubber bands to attached the pads) and 2 Saline Sachets
- 8Ft Versa-Pole and Versa-Pole adapter



Heat Pad Sheet  
and Saline



Illustration 1a  
'V'



Measuring Syringe



'V' adapter  
and Cup



Adapter  
for use with Versa-Tool  
Extension Poles

## General Instructions

- A. Heat Pads are manufactured 4 pads to a sheet. 2 pads are required to perform an adequate test. Carefully cut the sheet of heat pads in half, and place 2 pads (1/2 of sheet) on the 'V' placing ends of pad underneath rubber bands (see illustration, 1a).
- B. Place 'V' holding pads onto cup. Attach cup to adapter and slide adapter in to telescoping test pole.
- C. Using syringe provided, measure 2 tablespoons of saline solution and douse the 2 pads attached to 'V'.
- D. Heat Pads will activate within 30 seconds after Saline Solution is applied, as discussed below. Heat Pads may be reactivated up to 3 times.

- Do not remove Heat Pads from their plastic bag until ready for use.
- In all test, the heat detector should alarm within 10 to 15 seconds. If it does not, and after you have determined that the Heat Pad is still hot – the heat detector or the fire alarm system is not fully operation.
- Save any Saline solution for the next testing by simply folding the top of the plastic pack and putting tape over the top of the pack
- Spent heat pads and empty saline solution packs may be safely disposed of in any waste container.

# Important Information for VT-694

## IMPORTANT

Do not use this product to test heat detectors of the non-restorable, fusible link type. It will cause the link to defuse, rendering it useless.

## CAUTION

Avoid prolonged physical contact with activated Heat Pads, as they may cause painful burns. Keep products dry when not in use.

## WARNING:

THIS PRODUCTS HEAT PADS WILL, WHEN ACTIVATED, CAUSE BURNS IF NOT USED IN ACCORDANCE WITH THESE INSTRUCTIONS.

**THIS PRODUCT IS NOT  
INTENDED FOR  
HUMAN CONSUMPTION**

### Health Hazard Data:

Direct exposure to the activated heat pad will cause eye irritation. If this happens, Flush eyes with water for 15 minutes. Direct exposure to broken skin areas will cause irritation and possible redness. If this happens, wash with soap and water.



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## PRODUCT INFORMATION AND RECOMMENDED ACTIONS:

### REACTIVITY DATA:

Stability: Activated with Saline Solution

**Incompatibles, (Specifically, the magnesium contained in Heat Pads):** Acids, Acid Chlorides, strong oxidizing agents.

**Reacts violently with:** Halogens, Chlorinated Solvents, Ammonium Nitrate, Carbonates, Arsenic, Cupric Sulphates, Mercuric Oxide, Inorganic Phosphates.

**Hazardous Decomposition** or by-products; When wet, produces trace amounts of non-toxic gas.

**Hazardous Polymerization:** Will not occur.

**Flammability:** Self Extinguishing

**Storage:** Keep the product dry at all times by leaving it in the plastic bag in which it is shipped, or other waterproof container.

**Handling of activated heat pads:** Never handle an activated Heat Pad without a protective barrier between your bare skin and the heat pad. Use a folded shop towel, wear gloves or pick it up with pliers.

**Disposal of heat pads after their use:** Must be done with care to avoid burning the bare skin, if the Heat Pad is still hot. Carefully remove the heat pad from either the container or the adapter tray and dispose in any waste container.

This product is protected under one or more of the following patents: 5,611,620\* 6,015,230