

# RAYCHEM

TraceTek

## TT-FFS Extreme Environment Cover

### Installation Instructions

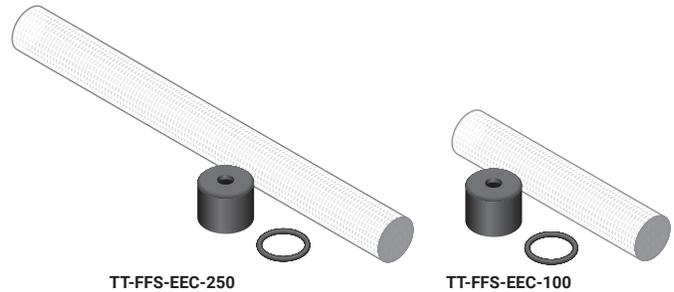
#### DESCRIPTION

nVent RAYCHEM TraceTek-FFS-EEC (Extreme Environment Cover) is a kit of parts designed to provide additional protection for nVent RAYCHEM TraceTek TT-FFS Fast Fuel Sensors (FFS) when harsh conditions warrant extra protection. The outer tube is porous but rigid. Lightweight fuels such as gasoline and diesel fuel flow through the protective mesh tube with little or no impact on FFS response time. The flow of heavy crude oil or other heavy fuel oils may be restricted by the outer tube in which case TT-FFS-EEC may not be appropriate for these liquids.

**A**

The Extreme Environment Cover is suitable for use in outdoor locations where the FFS is exposed to water, or where insects and other contaminants are problematic.

Both TT-FFS-EEC-250 and TT-FFS-EEC-100 are shown here.



**B**

- Place o-ring onto FFS, approximately ¼ inch from the end.



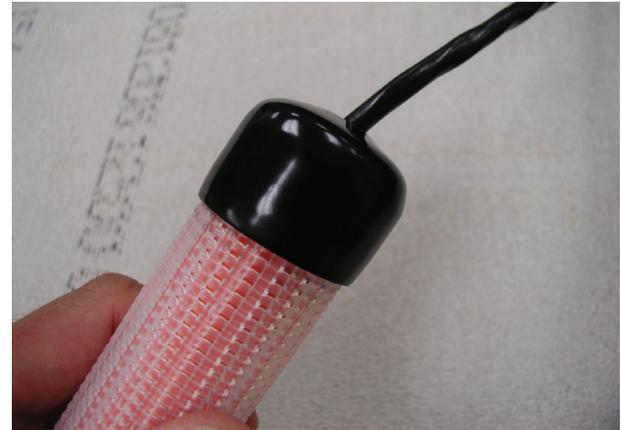
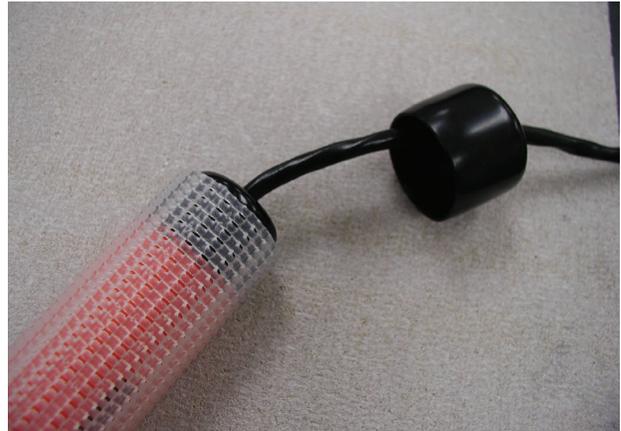
**C**

- Insert FFS into clear mesh tube. When fully inserted, o-ring will be centered in tube.



**D**

- Push FFS connector or lead wire end through hole in black plastic cap.
- Slide cap down cable and press onto the clear mesh tube end.
- Press the cap onto the clear mesh tube as far as possible. It will be a snug fit.



**Note:** The EEC should be inspected monthly for blockage. If the mesh tube becomes contaminated with dirt or debris, it could prevent a leak from being detected rapidly. To clean the EEC, remove the cap, carefully remove the FFS, and wash the EEC in water or IPA (do not remove screen!). FFS cleaning (if necessary) is a separate operation, please refer to TT-FFS Fast Fuel Detection Probe Care and Cleaning Instructions (H58307).

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