

## **TEES 2009 Model 332L vs Model 332**

The TEES 2009 **Model 332L** is similar to the Model 332 with the following advantages/differences:

- 1.0 **Solid State Relay (SSR)**  
The signal bus Mercury Contactor is replaced with a Solid State Contactor to comply with California's environmental directives.
- 2.0 **Service Panel Assembly (SPA)**  
The main circuit breaker (MCB) is no longer on the Power Distribution Assembly. Instead, it has been moved to the closest point of Utility Power entry, i.e., Service Panel Assembly.
- 3.0 **Switcher Power Supply**  
The Model 206 Power Supply (Ferroresonant Type) is replaced with the Model 206L Power supply (switching type). The Model 206L is High efficiency and Power Factor Corrected. It saves approximately 263 KWH per cabinet per year at 50% load.
- 4.0 **SSR Fail State Indicators**  
The 332L Cabinet has the provision to interrupt 24 VDC control to the load switches if during a Cabinet Monitor Unit fault condition or during maintenance flash, the Solid State Relay fails to open.
- 5.0 **Plug-able line voltage transient suppressor**  
A plug-able line voltage transient suppressor has been added to the Service Panel Assembly for providing the Clean Power.
- 6.0 **Raw and Clean Power Circuits**  
The 332L Cabinet separates incoming power into Raw and Clean Power. The Clean Power is use to source sensitive electronics like the Model 170/2070 Controller, Detector Cards, etc.

7.0 **Reduced Circuit Breaker Values**

PDA#2L has reduced circuit breakers values to be more compatible with lower power LED signal loads.

8.0 **Drawer Shelf**

A Drawer shelf has been added to the rack to store documents, the Datakey or to support laptop.

9.0 **Modified Output File #1L and PDA #2L**

The 332L Cabinet Output File #1L and the PDA#2L are not backward compatible with the 332 Cabinet Output File #1 and the PDA#2 assemblies.