



770 SERIES

Projected Beam Smoke Detector

Model numbers: 771-kit, 770-meter



- **Low-profile blends in with any environment**
- **Selectable sensitivity reduces installation costs**
- **Drift compensation reduces false alarms**
- **Adjustable mounting brackets and test filter included for fast, easy installation**
- **Detects smoke within a 33-330 foot range, reducing installation costs**

The ESL 770 series projected beam smoke detector is intended for industrial and commercial applications. It consists of an optical transmitter that projects a pulsing infrared light beam to a receiver unit. The beam is then continuously analyzed for smoke by the 770 series control panel located at ground level. The control panel connects to a UL Listed FACP. The beam covers an area up to 330 feet by 50 feet.

The 770 series smoke detector allows the installation of just one smoke detector in applications where two or more spot sensors would normally be required, such as a hallway.

When smoke is present in the beam path for a period of 8 to 10 seconds, a fire relay is activated. The smoke sensitivity level can be selected to suit different environmental needs. Settings of 25%, 35% and 50% are available.

The 770 series smoke detector automatically resets once a trouble condition is no longer present and built-in drift compensation provides advanced immunity to false alarms.



