



# Kitchen fire protection can be complex. ANSUL® RED makes it simple.



## ANSUL® Restaurant Electric Detection (RED) Technology

People have high expectations when it comes to dining out. In order to stay competitive, restaurants must focus on meeting the changing needs of their customers. They simply don't have time to second-guess their fire protection.

In restaurants with large or multiple kitchens in the same building, it may seem complicated to protect staff, customers, cooking equipment and nearby businesses – but it doesn't have to be. ANSUL® Restaurant Electric Detection (RED) Technology provides intelligent and reliable multi-zone fire protection for complex, commercial kitchens that's also easy to manage. A revolutionary advancement in commercial kitchen fire protection, ANSUL® RED Technology integrates with existing ANSUL® R-102 or PIRANHA Suppression Systems for complete, scalable protection from detection to suppression.

Combining linear detection with electric actuation, ANSUL® RED Technology redefines kitchen fire protection by providing centralized monitoring of individual hazard zones that discharge only when – and where – needed.

## Smarter Detection for Complex Kitchens

- Coverage for up to 16 different hazard zones
- Complete UL and ULC Listing with both ANSUL® R-102 and PIRANHA systems
- NFPA 96 and 17A compliance
- Real-time monitoring of multiple zones
- Expandable for added hazard areas and reconfigurable renovations for changing cooking environments and added PCUs
- Hood-cleaning mode
- 4,000+ event history log
- Multiple temperature ratings in a single hazard area
- Password protection for Authorized ANSUL® Distributor access

### Applications for ANSUL® RED Technology include

- Catering facilities
- Cafeterias
- Casual and fine dining
- Fast food chains
- Food courts
- Hotels and casinos
- Sports complexes and stadiums
- Culinary kitchens
- Cloud kitchens



## Simplified Detection

ANSUL® RED provides confidence and safety by simplifying the protection of high-volume, commercial cooking environments. Its thoughtfully designed functions keep kitchens running efficiently while providing 24/7 protection.

- **Streamlined maintenance:** ANSUL® RED Technology helps minimize potential for grease buildup and simplifies maintenance.
- **Seamless protection:** ANSUL® RED Technology has a cleaning mode that allows kitchen staff to disengage one hood while keeping other hoods in operation and a failsafe that automatically resets the system in case of an oversight.
- **Superior versatility:** Four temperature ratings – 155°F (68°C), 280°F (137°C), 356°F (180°C) and 500°F (260°C) – to customize based on the needs of each appliance.

## Smarter Protection

Featuring up to eight controllers, ANSUL® RED Technology integrates with existing ANSUL® fire suppression systems for complete, comprehensive protection. Each controller monitors two hazards, for up to 16 zones, and connects to one convenient display module. Combined with a more than 4,000-event history log, this centralized control gives restaurants the power to easily monitor their fast-paced kitchen in real time.

- **Future-proof technology:** Expandable and reconfigurable, RED Technology easily adapts to IP-based protocols and changing environments.
- **Complete peace of mind:** Service and maintenance notifications allow kitchen staff to focus on customers rather than maintenance schedules.
- **Around-the-clock protection:** Cooking stations are continuously monitored and supervised to ensure system is always ready to protect kitchens.
- **Immediate assurance:** The easy-to-spot green light confirms system is ready.

Learn more at [www.ansulRED.com/2](http://www.ansulRED.com/2)



### The Ultimate Fire Suppression Solution

The ANSUL® brand promises a full range of quality fire protection solutions – from automatic detection and suppression systems to a complete line of wheeled and hand portable fire extinguishers and more. Plus, our extensive network of Authorized ANSUL® Distributors provides factory-trained professionals to serve our customers virtually anywhere in the world.

### A Passion for Protection

Dedicated customer support. Extensive product portfolio. Engineering excellence. Trusted, proven brands. Johnson Controls offers all of these attributes, plus a passion for protection. It's what drives us to create solutions to help safeguard what matters most – your valued people, property and business.

For additional information, please visit [www.ansul.com](http://www.ansul.com) or follow us @ansulfire on Twitter.