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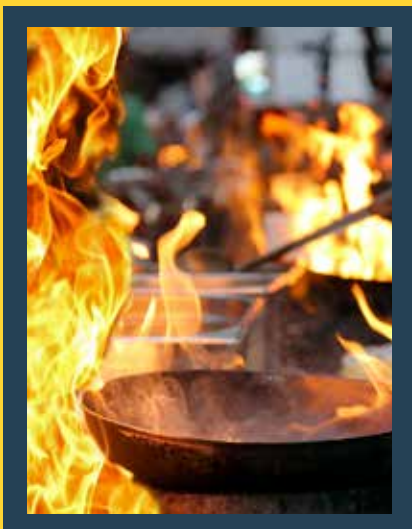
## CRITICAL EQUIPMENT FIRE SUPPRESSION SYSTEMS

### KITCHEN EXHAUST HOODS

“A fire outbreak can catch you offguard when least expected. Your Kitchen Exhaust Hoods are highly vulnerable to a fire outbreak.”

#### CAUSES OF FIRE

- Open flames
- Hot cooking surfaces
- Uncleaned hoods
- Grease and fat accumulation with low flash point inside hoods



#### CAUSING

- Business downtime
- Production loss
- Revenue loss
- Infrastructure loss
- Loss of human life

#### IF, A FIRE IGNITES, THEN :

- Fire inside a hood can take the whole building down, since the ducting network passes through the whole building, all the way up
- Availability of ready fuel such as grease and oil makes firefighting more complex

REDUCE YOUR INSURANCE PREMIUM ON CAPITAL GOODS

## WEFIRE™ Solution

- The pressurized heat detection tube is routed around the periphery of the kitchen hood and the opening of the ducts. In case of a fire, the tube ruptures at the hottest location and activates the gas discharge through the nozzles that are placed,
  1. above the appliances
  2. inside the hood
  3. the duct

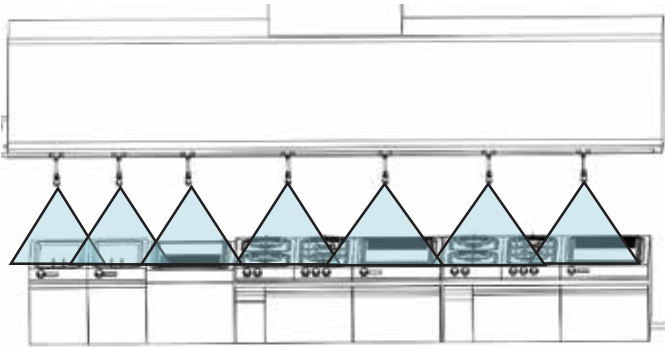
### Designing of the system can be done in two methods:

#### • Full Protection

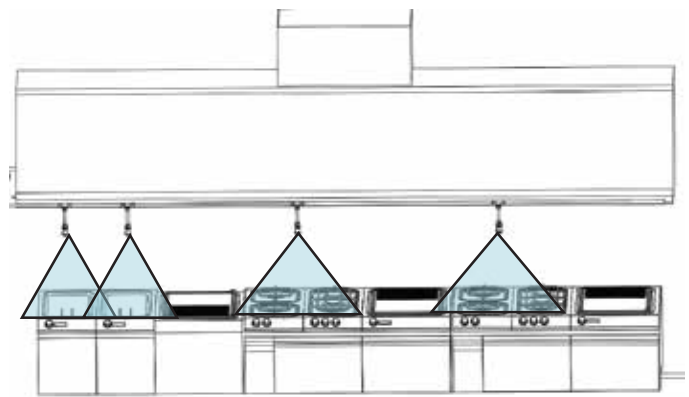
Nozzles are placed so that the entire kitchen worktop is protected, meaning nozzles are placed in such a way that the gas discharge overlaps each other, irrespective of the equipment below. Ideal for those kitchens whose equipment layout keeps changing

#### • Zone Protection

The nozzle is placed to cover only the specific Equipment. Ideal for kitchen whose equipment layout is typically fixed



Full Protection



Zone Protection

WEFIRE™ recommends the use of Bioversal® QF-R (Eco Foam Encapsulator) as the extinguishing agent.

- Eco foam encapsulator provides
- Unmatched fire knockdown capabilities
- Superior cooling on fuel and metallic surfaces
- Optimum burn back resistance
- Simultaneous action on temperature, fuel, oxygen, and chemical reaction
- Reduced toxic smoke through vapour encapsulation providing enhanced visibility and breathability
- Harmless to human skin and eyes

“Warrier Electronics® (WEFIRE™) has collaborated with Airfire, Italy for the promotion of LPCB approved Armanfire Chef Kitchen suppression systems for the Indian domestic market. These systems have the flexibility to be installed for very small hoods as well as larger hoods.

## ADVANTAGES



Simple & uncluttered design



Quick detection



24/7 Unsupervised fire protection



No electricity required



- No clean up in the equipment required post gas discharge
- Turnaround time to re-instate the system is a few hours so minimal damage and downtime
- Virtually ZERO maintenance
- Can be integrated with the BMS, Fire alarm system, SCADA
- Residues can be used as a cleaning agent post gas discharge due to excellent cleaning and degreasing properties
- The system is LPCB certified as per standard LPS 1223

## ABOUT US

WEFIRE™, a brand owned by Warriar Electronics® has an experience of installing several hundreds of WEFIRE™ critical component fire suppression systems across India and parts of Malaysia.

Established in the year 2010 in Pune (India), a period when startups were looked at ambiguously, Warriar Electronics® did not just survive, but thrived and achieved various growth milestones from being a sub-dealer to a dealer to a manufacturer within a decade; and has become the default choice of various OEM's for WEFIRE™ critical component fire suppression systems, serving across India.

At the heart of the company, lies its core values viz Excellence, Innovation, Integrity and Respect. These values not only translate into a niche & a reliable end product but also in the way its team reciprocates to client needs at every step. A company is only as good as its people & product and its product reflects the quality, intelligence and excellence of its people!



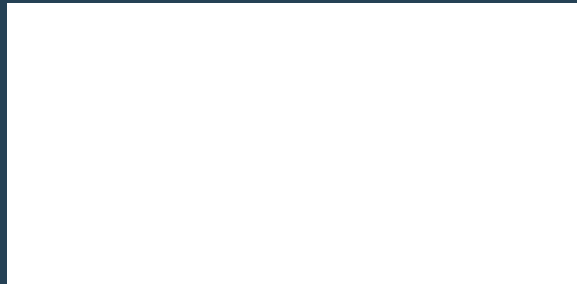
# WE FIRE<sup>®</sup>

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**WE COMMUNICATE WHAT WE CAN ACHIEVE  
& WE ACHIEVE WHAT WE COMMIT**