

## CRITICAL EQUIPMENT FIRE SUPPRESSION SYSTEMS



### ELECTRICAL PANEL

“A fire outbreak can catch you offguard when least expected. Your Electrical Panels are highly vulnerable to a fire outbreak.”

#### CAUSES OF FIRE

- Wire fatigue
- Improper installation
- Overloaded circuits
- Equipment failures
- Poor maintenance

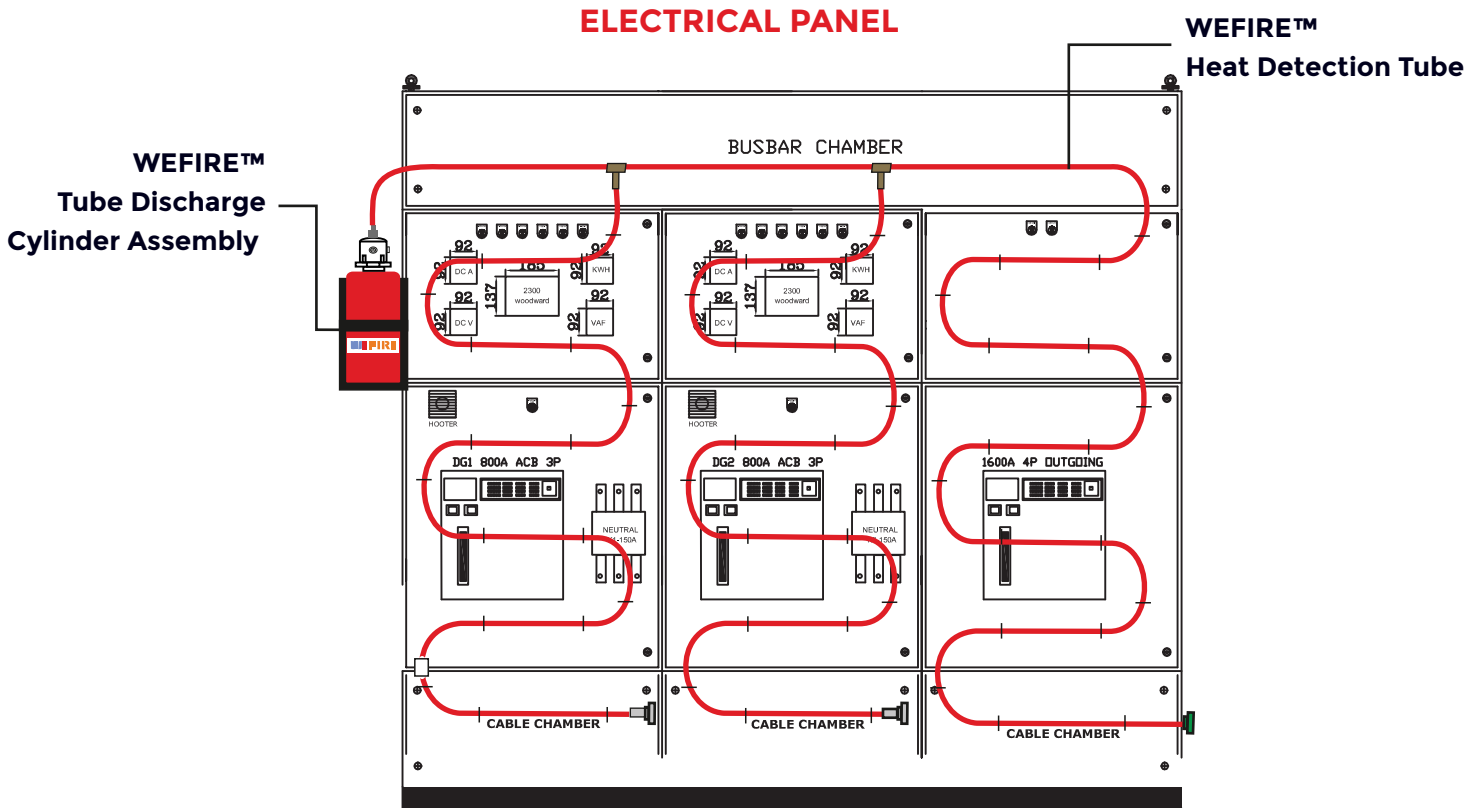
#### CAUSING

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

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

- It is literally impossible to suppress with a portable extinguisher, since the panel doors are always closed
- Panel rooms are mostly unsupervised due to which there is a considerable time lag from the start of the fire until people around get an alert





## WEFIRE™ Solution

- A Linear pneumatic WEFIRE™ Heat Detection Tube is routed inside the panel which senses the heat of the fire in its incipient stage
- The WEFIRE™ Heat Detection tube upon detection, ruptures at the hottest point forming a nozzle like opening. This activates the cylinder valves and the clean agent gas discharges through the opening directly onto the fire
- The gas is non-conducting, non-toxic and leaves no residue; hence does not spoil expensive electronics inside

## WEFIRE™ Tube Discharge System

WEFIRE™ Heat Detection Tube is routed in a zig-zag pattern inside the electrical panel throughout all the compartments. This tube is connected to the Tube Discharge System cylinder containing the extinguishing gas. A hooter is also provided to alert people post system activation.

WEFIRE™ recommends the use of following clean agent extinguishing gas for Electrical Panels

- 3M's Novec 1230/FK-5-1-1-2 based extinguishing agent
- FM200/HFC

## 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

## 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>

www.wepune.co.in



**WARRIER ELECTRONICS**

**“Sticker House”**

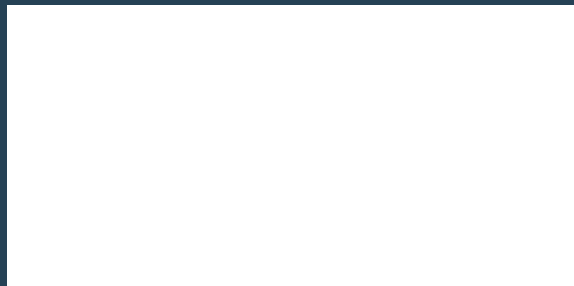
180/1, Ravet, Ganesh Nagar,  
MIDC Road, Dehuroad,  
Pune-412101.

 +91 8806 44 99 00

 info@wepune.co.in

 www.wepune.co.in

Authorized partner:



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