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## CRITICAL EQUIPMENT FIRE SUPPRESSION SYSTEMS

### IT SEVER RACK

“A fire outbreak can catch you offguard when least expected. Your IT Server Racks are highly vulnerable to a fire outbreak.”

#### CAUSES OF FIRE

- Electrical failure
- Issues with sub floor wiring
- Overheated electronics
- Lack of ventilation
- Pest nuisance



#### CAUSING

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

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

- Fire in an IT Server can result in millions in lost revenue apart from the threat of becoming bankrupt
- The potential data loss due to fire for any organization is comparable to years and years of work slip by in a split second

REDUCE YOUR INSURANCE PREMIUM ON CAPITAL GOODS



## WEFIRE™ Solution

- Unlike a total room flooding solution, WEFIRE™ system works to protect the critical assets from within. A Linear pneumatic WEFIRE™ Heat Detection Tube is routed inside the Server rack which senses the heat of the fire in its incipient stage, without disturbing the in-out movement of servers
- 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 and mission critical servers inside

## WEFIRE™ Tube Discharge System

WEFIRE™ Heat Detection Tube is routed around the periphery and ceiling of the server rack.

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 a Server Rack

- 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
- Meets NFPA 75 requirements for computer installations needing fire protection

## 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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**WARRIER ELECTRONICS**

**“Sticker House”**

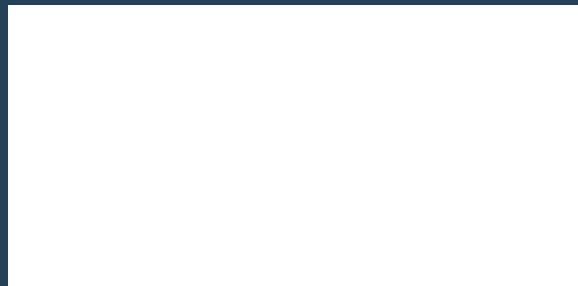
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