



ROTAREX
FIRETEC



 **FIREDETEC**

COMPLETE SYSTEMS FOR FUME CABINETS

A COMPLETE DETECTION & SUPPRESSION SYSTEM PRE-ENGINEERED FOR FUME CABINETS

- ★ Easy / Flexible installation
- ★ Quick & Effective suppression
- ★ Highly Dependable: no electricity or moving parts



EVERYTHING YOU NEED TOGETHER IN ONE BOX



REDUCES EVEN THE MOST CRITICAL FUME HOOD FIRE RISKS:

- Flammable or reactive chemicals near open flame
- Technician injury
- Damage to equipment and peripheral lab areas
- Work stoppage
- Extensive cleanup if sprinkler system actuates

THE FIREDETEC® DIFFERENCE

Rotarex FireDETEC® systems use a proprietary continuous linear sensor tube that reliably detects and actuates release of the extinguishing agent using pneumatic technology. It is more flexible, space efficient and cost effective versus alternative mechanical or electronic systems.



1. Quick & Easy installation directly inside fume cabinets:

The flexible sensor tubing is easily installed directly on the cabinet wall and inside the extractor hood - directly above working areas.

When in service, the tubing is pressurized with dry nitrogen to 16 bar. The dynamics of pressurization make the tubing more reactive to heat.

2. Early fire detection:

If a flame-up occurs, the heat of the fire causes the pressurized sensor tube to burst at the hottest spot (approx. 110°C)

3. Instant suppression:

The sudden tube depressurization actuates the special pressure differential valve and instantly floods the entire cabinet area with CO₂ extinguishing agent. The fire is quickly suppressed just moments after it began... minimizing damage and downtime.



CHOOSE FROM 4 SUPPRESSION AGENTS



	CO ₂	CHEMOURS FM-200® AGENT	Novoc 1230 fluid	ABC 90 DRY CHEMICAL
Performance	Excellent	Excellent	Excellent	Excellent
Advantages	No residue Non-reactive All Natural Prevents re-ignition Medium Pressure (60 bar)	No residue - safe for electronics Non-reactive / Non-corrosive Most globally-proven clean agent Good Environmental profile Safe to use in occupied areas Compact Cylinder Low pressure (16 bar)	No residue - safe for electronics Non-reactive / Non-corrosive Increasing popularity Good Environmental profile Safe to use in occupied areas Compact Cylinder Low pressure (16 bar)	Effective even open areas Low pressure (18 bar) Inhibits re-ignition

3M and Novoc 1230 fluid are trademarks of the 3M company

*UL and FM certifications apply only to indirect DOT clean agent systems

WORLDWIDE HEADQUARTERS

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OTHER AVAILABLE PRE-ENGINEERED SYSTEMS:

ELECTRICAL CABINETS



CNC MACHINES



COMMERCIAL KITCHENS



VEHICLE ENGINES

